



**SPA**  
NEW DELHI

75  
आज़ादी का  
अमृत महोत्सव

# ANNUAL REPORT 2021-22

**योजना तथा वास्तुकला विद्यालय, नई दिल्ली**

(संसद के अधिनियम के तहत राष्ट्रीय महत्व का संस्थान,  
शिक्षा मंत्रालय, भारत सरकार)

**School of Planning and Architecture, New Delhi**

(An Institution of National Importance under an Act of Parliament,  
Ministry of Education, Government of India)

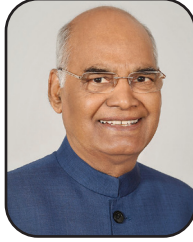


# ANNUAL REPORT 2021-22



**SCHOOL OF PLANNING AND ARCHITECTURE**  
An “Institution of National Importance” under an Act of Parliament  
(Ministry of Education, Government of India)  
Indraprastha Estate, New Delhi -110002





**Shri Ram Nath Kovind**  
Hon'ble President of India  
**VISITOR**



**Shri Dharmendra Pradhan**  
Hon'ble Minister of Education, Government of India  
**CHAIRPERSON, SPA COUNCIL**



**Dr. Amogh Kumar Gupta**  
**CHAIRPERSON, BOG (upto Feb. 2022)**



**Prof. Dr. P. S. N. Rao**  
**DIRECTOR**



# PREFACE



The School of Planning and Architecture (SPA) New Delhi is an “Institution of National Importance” under an Act of Parliament, Ministry of Education, Government of India.

The origins of the School date back to the year 1941 when a Department of Architecture was set up in the Delhi Polytechnic. Subsequently in the year 1955, the School of Town and Country Planning was established and in the year 1959, the Department of Architecture was merged with the School of Town and Country Planning and rechristened as the School of Planning and Architecture, New Delhi. The School was accorded the status of a ‘deemed university’ in the year 1979 and brought under an Act of Parliament in the year 2014 with the status of an ‘institution of national importance’.

The School offers 2 undergraduate programmes and 11 postgraduate programmes. The School operates from its twin campuses at Indraprastha Estate, New Delhi and has 105 Full time faculty positions sanctioned of which 76 are in position over 200 visiting faculty and nearly 1344 students.

Apart from imparting professional education in various fields related to the built environment, the School has also been pursuing sponsored research from various government bodies and institutions throughout India.

The School also carries out capacity building activities and training workshops in collaboration with other institutions. Members of the faculty also serve on committees and statutory bodies of various government and statutory organizations contributing their knowledge towards a better built and natural environment.

This Annual Report covers the activities and achievements of the various departments of studies and their respective members during 2021-22. It demonstrates the dedication of the School towards quality education, social responsibilities and nation building.

We take this opportunity to convey our salutations to the Hon'ble Visitor, Chairman-General Council, Chairman-Board of Governors and our thanks to all the officers of the Ministry of Education, Government of India for their support.

**Sd/-**

**Prof. Dr. P.S.N. Rao**

**DIRECTOR**

Date : November 2022

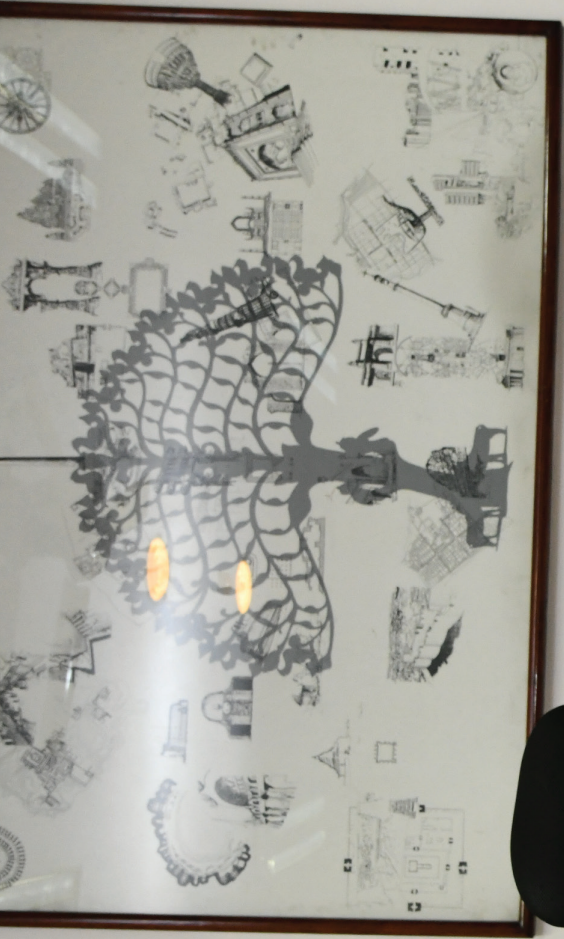




# Contents

<b>Preface</b>	v
<b>1. About SPA New Delhi</b>	<b>3</b>
<b>2. Departments of Studies</b>	
2.1 Department of Architecture	19
2.2 Department of Physical Planning	79
2.3 Department of Architectural Conservation	100
2.4 Department of Urban Design	113
2.5 Department of Landscape Architecture	122
2.6 Department of Urban Planning	134
2.7 Department of Regional Planning	151
2.8 Department of Housing	160
2.9 Department of Transport Planning	168
2.10 Department of Environmental Planning	183
2.11 Department of Industrial Design	194
2.12 Department of Building Engineering and Management	218
<b>3. Research and Consultancy Activities</b>	
3.1 Research Projects	232
3.2 Design Innovation Centre	235
3.3 Consultancy Projects	236
<b>4. Faculty Development and Outreach</b>	
4.1 MOUs	244
4.2 SPACE Journal	245
4.3 DISHA Newsletter	245
<b>5. Resources</b>	
5.1 List of Faculty	250
5.2 CASS/GIS/RS	253
5.3 ENVIS Center on Human Settlements	258
5.4 Internal Quality Assurance Cell	261
5.5 Anti Sexual Harassment Committee	262
5.6 SC/ST Cell	262

5.7	Student Aid Fund and Scholarships	263
5.8	Documentation cum Publication Unit	264
5.9	Library	266
5.10	Workshop and Materials Testing & Surveying Laboratory	267
5.11	Sports Achvities	268
<b>6.</b>	<b>Administration</b>	
6.1	Administrative Staff In the School	273
<b>7.</b>	<b>Student and Staff Accommodation</b>	
7.1	Student Hostels	281
<b>8.</b>	<b>Finance</b>	
8.1	Annual Accounts	287
8.2	Audit Report	338



WINNER  
NOSPUN  
PUBLIKAS GILL  
TROPHY  
2021  
XXIII Annual NOSPUN  
Competition  
SAMATOLANA

WINNER  
ENTERTAINMENT  
TROPHY  
2021  
XXIII Annual NOSPUN  
Competition  
SAMATOLANA

SAMATOLANA  
1st Prize

SAMATOLANA  
1st Prize

SAMATOLANA  
1st Prize

SAMATOLANA  
1st Prize

SAMATOLANA  
2nd Prize

SAMATOLANA  
2nd Prize

SAMATOLANA  
3rd Prize

SAMATOLANA  
3rd Prize



**1.**

## **ABOUT SPA NEW DELHI**



## ABOUT SPA NEW DELHI

The School of Planning and Architecture, New Delhi (SPA-D) is an Institution of National Importance imparting education in planning, architecture and design. SPA New Delhi provides training at various levels, in different aspects of human habitat and environment. The School offers highly sought after academic programmes in specialised fields at a Bachelor's, Master's and Doctoral level. The school, in striving for excellence, has always been in the lead in extending education and research to new frontiers of knowledge. Human habitat and environment being the basic concern of the School, the spectrum of academic programmes is being continuously extended by providing programs in new fields and emerging areas.

### History of SPA New Delhi

The beginnings of the School of Planning and Architecture, New Delhi (SPA-D) date back to the year 1941 when the Department of Architecture was started in the Delhi Polytechnic of the Delhi University. Subsequently, the School of Town and Country Planning was set up in the year 1955 and this later became the School of Planning and Architecture in the year 1959. Recognising the specialised nature of the institution, SPA was accorded the status of a —Deemed University in the year 1979. Over the decade, the School expanded its horizon and today, it has as many as twelve Departments of studies and offers programmes at the undergraduate, postgraduate and doctoral level. In the year 2014, the school was accorded the status of —an Institution of national importance under the SPA Act. Over the last 75 years, SPA has emerged as a premier national level institution in the field of architecture and town planning. SPA, New Delhi continuously strives to be a globally competitive centre of excellence and has set a number of tasks to be accomplished and objectives to be achieved in the near future:

- To introduce new academic programs in emerging areas of research.
- To deepen and strengthen our established links with national and international institutions of repute, and also to take fresh initiatives in this direction.
- To develop sustainable programs for the faculty recruitment, training and development.
- To continue to promote diversification of extra-curricular activities for the students
- To continue to participate and contribute in policy formulation and programme implementation at all levels of government.
- To further develop linkages with building and real estate industry.

<b>Undergraduate Programms</b>	<b>2</b>
<b>Postgraduate Programs</b>	<b>11</b>
<b>Campus</b>	<b>30 Acres</b>
<b>Full-time Faculty</b>	<b>78</b>
<b>Visiting Faculty</b>	<b>200+</b>
<b>Hostel Seats</b>	<b>326</b>
<b>Students and Scholars</b>	<b>1344</b>

#### DEGREE COURSES CONDUCTD BY THE SCHOOL FOR THE SESSION 2021-22

S No.	Name of the Course	Approved Intake	Duration
1	Bachelor of Architecture	133 +15%*+1**	5 years
2	Bachelor of Planning	44 +15%* +1**	4 years
3	Master of Planning (Urban Planning)	39	2 years
4	Master of Planning (Regional Planning)	19	2 years
5	Master of Planning (Environmental Planning)	19	2 years
6	Master of Planning (Housing)	29	2 years
7	Master of Planning (Transport Planning)	29	2 years
8	Master of Architecture (Architectural Conservation)	19	2 years
9	Master of Design (Industrial Design)	29	2 years
10	Master of Urban Design	25	2 years
11	Master of Landscape Architecture	29	2 years
12	Master of Building Engineering and Management	39	2 years
13	Doctoral Programmes (Full-Time/Part-Time)	12x3	Full-Time - Min.2 years - Max.5 years Part-Time - Min.3 years - Max.7 years

\* Foreign National-10%, NRI – 3%, PIO-2%, \*\*Kashmiri Migrants



## ENROLMENT OF STUDENTS FOR THE SESSION 2021-22

S. No.	Name of Course	I <sup>st</sup> Year	II <sup>nd</sup> year	III <sup>rd</sup> Year	IV <sup>th</sup> Year	V <sup>th</sup> Year	Total
<b>I</b>	<b>UNDERGRADUATE COURSES</b>						
1	Bachelor of Architecture	139	132	115	124	79	<b>589</b>
2	Bachelor of Planning	42	37	36	35		<b>150</b>
<b>II</b>	<b>POST-GRADUATE COURSES</b>						
1	Master of Planning (Urban Planning)	36	37	-	-	-	<b>73</b>
2	Master of Planning (Regional Planning)	16	17	-	-	-	<b>33</b>
3	Master of Planning (Environmental Planning)	17	19	-	-	-	<b>36</b>
4	Master of Planning (Housing)	26	24	-	-	-	<b>50</b>
5	Master of Planning (Transport Planning)	27	27	-	-	-	<b>54</b>
6	Master of Architecture (Architectural Conservation)	17	12	-	-	-	<b>29</b>
7	Master of Design (Industrial Design)	21	27	-	-	-	<b>48</b>
8	Master of Urban Design	23	24	-	-	-	<b>47</b>
9	Master of Landscape Architecture	24	28	-	-	-	<b>52</b>
10	Master of Building Engineering and Management	32	32	-	-	-	<b>64</b>
<b>III</b>	<b>Ph.D PROGRAMME</b>						
		119	-	-	-	-	<b>119</b>
	<b>GRAND TOTAL</b>	<b>539</b>	<b>416</b>	<b>151</b>	<b>159</b>	<b>79</b>	<b>1344</b>

## RESERVATION OF SEATS

### UNDERGRADUATE/POSTGRADUATE PROGRAMMES

<b>Scheduled Castes</b>	(SC) -	15% (Intake)
<b>Scheduled Tribes</b>	(ST) -	7.5 % (Intake)
<b>Other Backward Class</b>	(OBC) -	27% (Intake)
<b>Economically Weaker Section</b>	(EWS) -	10%
<b>Physically Challenged</b>	(PH) -	5% Seats for all post graduate Degree programs are reserved for physically challenged persons on horizontal basis, these will be adjusted against the respective reservations for OG, SC, ST, OBC and EWS categories as per provision of PwD reservation.
<b>Armed Personnel</b>	(A.P) -	2 Seats 1 each in B.Arch. & B. Planning (Wards or dependent of defence or paramilitary personal killed or permanently disabled in action during war or peacetime operation (Category DS).
<b>Kashmiri Migrant</b> (In addition to the and sanctioned intake).	(KM) -	1 Seat each for UG courses and 2 Seats (one for Planning stream one for Arch. Stream of PG)

**ENROLMENT**  
**Statement showing the number of students enrolled under various reserved categories in Under-Graduate, Post-Graduate and Ph. D. Programmes during the session 2021-22**

S. No.	Courses by level of Education	General		SC		ST		OBC		NRI		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA		CIWG		EWS		Total Enrolment		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T		
1	Bachelor's of Architecture	23	29	11	8	3	7	19	17	0	0	0	0	0	0	1	6	0	0	1	0	0	0	11	2	69	70	139
2	Bachelor's of Planning	10	7	4	3	3	0	6	4	0	0	0	0	0	0	1	0	0	0	0	0	0	3	1	27	15	42	
3	Master's Degree Course in Urban Planning	5	9	3	2	1	2	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	17	19	36	
4	Master's Degree Course in Regional Planning	0	7	0	2	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	13	16
5	Master's Degree Course in Environmental Planning	2	5	1	2	1	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	10	17
6	Master's Degree Course in Housing	4	8	2	2	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	12	14	26	
7	Master's Degree Course in Transport Planning	9	2	1	2	2	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	21	6	27	
8	Master's Degree Course in Architectural Conservation	1	7	0	3	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	17	
9	Master's Degree Course in Urban Design	2	6	1	2	2	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	12	11	23	
10	Master's Degree Course in Industrial Design	8	4	0	1	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	14	7	21	
11	Master's Degree Course in Landscape Architecture	3	9	0	4	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	18	24
12	Master's Degree Course in Building Engineering & Management	4	9	2	4	0	1	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	20	32	
13	Ph.D.	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	13
	TOTAL	73	113	25	35	12	12	67	52	0	0	0	0	1	6	2	6	0	0	1	0	0	25	9	205	228	433	

**Statement showing the number of students enrolled under various reserved categories in Under-Graduate, Post-Graduate and Ph. D. Programmes during the session 2021-22**

S.No.	Courses by level of Education	General		SC		ST		OBC		NRI PIO		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA (Welfare)		CIWG		EWS		Total	
		B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G		
1	UNDER GRADUATE	33	36	15	11	6	7	25	21	0	0	0	0	0	0	1	2	6	0	0	1	0	0	0	14	3	181
2	POST GRADUATE	38	66	10	24	6	5	42	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	6	239	
3	PHD	2	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
4	Total	73	113	25	35	12	12	67	52	0	0	0	0	0	1	2	6	0	0	1	0	0	0	25	9	433	

**Summary of Enrollment of the Students for the Year 2021-22**

S.No.	Course	Male	Female	Total
1	Under Graduates	96	85	181
2	Post Graduates	107	132	239
3	Ph. D. Scholars	2	11	13
	<b>TOTAL</b>	<b>205</b>	<b>228</b>	<b>433</b>

STATEMENT SHOWING THE NUMBER OF BOYS & GIRLS PASSED OUT IN VARIOUS COURSES DURING 2020-21 (May - 2021)										
S.No	Name of the Course	No. of Students Passed with Distinction		No. of Students Passed with 1 <sup>st</sup> Class		No. of Students Passed with 2 <sup>nd</sup> Class		Total		Total
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
1	Bachelor's Degree Course in Architecture	21	42	31	9	3	0	55	51	106
2	Bachelor's Degree Course in Building Science	3	2	0	0	0	0	3	2	5
3	Bachelor's Degree Course in Planning	7	10	3	0	0	0	10	10	20
4	Master's Degree Course in Planning with specialization in Urban Planning	12	18	1	0	0	0	13	18	31
5	Master's Degree Course in Planning with specialization in Regional Planning	5	7	0	0	0	0	5	7	12
6	Master's Degree Course in Planning with specialization in Environmental Planning	5	9	0	0	0	0	5	9	14
7	Master's Degree Course in Planning with specialization in Housing	10	14	0	0	0	0	10	14	24
8	Master's Degree Course in Planning with specialization in Transport Planning	12	11	0	0	0	0	12	11	23
9	Master's Degree Course in Architecture with specialization in Architectural Conservation	3	3	5	3	0	0	8	6	14
10	Master's Degree Course in Architecture with specialization in Industrial Design	11	9	2	0	0	0	13	9	22
11	Master's Degree Course in Architecture with specialization in Urban Design	12	12	0	0	0	0	12	12	24
12	Master's Degree Course in Landscape Architecture	2	10	3	8	0	0	5	18	23
13	Master's Degree Course in Building Engineering and Management	11	14	6	0	0	0	17	14	31
14	Ph.D. Programmes	3	3	0	0	0	0	3	3	6
	<b>Grand Total</b>	<b>117</b>	<b>164</b>	<b>51</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>171</b>	<b>184</b>	<b>355</b>

**STATEMENT SHOWING THE NUMBER OF BOYS & GIRLS PASSED OUT IN VARIOUS COURSES DURING 2020-21**

(May - 2021)

<b>Courses</b>	<b>Boys</b>	<b>Girls</b>	<b>Total</b>
Under Graduates	65	61	<b>126</b>
Post Graduates	100	118	<b>218</b>
Building Science	3	2	<b>5</b>
Ph.D Scholars	3	3	<b>6</b>
<b>TOTAL</b>	<b>171</b>	<b>184</b>	<b>355</b>

**CUMULATIVE OUT-TURN OF STUDENTS**

<b>Name of the Course</b>	<b>Pass Out Students</b>		<b>Total</b>
	<b>Previous</b>	<b>2020-21</b>	
Bachelor of Architecture	3649	106	<b>3755</b>
Bachelor of Building Science	23	5	<b>28</b>
Bachelor of Planning	591	20	<b>611</b>
Master of Planning (Urban Planning)	708	31	<b>739</b>
Master of Planning (Regional Planning)	344	12	<b>356</b>
Master of Planning (Environmental Planning)	329	14	<b>343</b>
Master of Planning (Housing)	627	24	<b>651</b>
Master of Planning (Transport Planning)	532	23	<b>555</b>
Master of Architecture (Architectural Conservation)	281	14	<b>295</b>
Master of Design (Industrial Design)	303	22	<b>325</b>
Master of Design (Urban Design)	514	24	<b>538</b>
Master of Architecture (Landscape Architecture)	611	23	<b>634</b>
Master of Building Engineering and Management	669	31	<b>700</b>
Ph.D Programme	74	6	<b>80</b>
Master's Degree Course in Urban and Regional Planning	140	0	<b>140</b>
Post - Graduate Diploma Courses in (Equivalent to Master's Degree)	603	0	<b>603</b>
<b>TOTAL</b>	<b>9998</b>	<b>355</b>	<b>10353</b>

## THIRTY NINETH CONVOCATION

The Chairman admitted 218 post-graduands, 126 graduands, 5 Bachelor of Building Science, and 6 Ph.D. graduands in person and in absentia in the respective disciplines. During the function, the following awards and medals were conferred upon graduands by the Chief Guest for the session 2021-22:-

Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance at undergraduate and postgraduate studies. **DHARNA DANG (SPA/NS/TP/660)** Student of Master of Planning with specialization in Transport Planning and **DEEVI GRUHA SREE (BP/732/2017)** Student of Bachelor of Planning were recipients of the award.

SPA Gold Medal is awarded to the best student in each department. Following postgraduate and undergraduate students were awarded the SPA Gold Medal.

- **Sukan V.** (SPA/NS/AC/893) SPA Gold Medal for the Best Student of Master of Architecture (Architectural Conservation).
- **Shreyoni Singharoy** (SPA/NS/ID/368) SPA Gold Medal for the Best Student of Master of Design (Industrial Design).
- **Insia Hasnain** (SPA/NS/UD/864) SPA Gold Medal for the Best Student of Master of Urban Design.
- **Rishabh Rastogi** (SPA/NS/BEM/780) SPA Gold Medal for the Best Student of Master of Building Engineering and Management.
- **Anuksha Amla** (SPA/NS/LA/647) SPA Gold Medal for the Best Student of Master of Landscape Architecture.
- **Pallabi Banerjee** (SPA/NS/HSG/638) SPA Gold Medal for the Best Student of Master of Planning (Housing).
- **G. Keerthana** (SPA/NS/EP/375) SPA Gold Medal for the Best Student of Master of Planning (Environmental Planning).
- **Shraddha Pandit** (SPA/NS/RP/1435) SPA Gold Medal for the Best Student of Master of Planning (Regional Planning)
- **Shagun Lakhotiya** (SPA/NS/TP/668) SPA Gold Medal for the Best Student of Master of Planning (Transport Planning).
- **Parvathy Ravindran Nair** (SPA/NS/UP/1407) SPA Gold Medal for the Best Student of Master of Planning (Urban Planning).
- **Rutika Kiran Hege** (SPA/NS/UP/1415) Prof. N.S. Saini SPA Gold Medal for the Best Thesis of Master of Planning (Urban Planning and Regional Planning).

### MEDALS/PRIZES FOR UNDER GRADUATE STUDENTS

Undergraduate SPA Gold Medal for the best student is awarded to following students:-

**Ayushi Saxena** (A/2909/2016) of Bachelor of Architecture.  
**Karthik Girish** (BP/740/2017) of Bachelor of Planning.

Undergraduate SPA Gold Medal for the best thesis was awarded to following students:-

**Ayushi Saxena** (A/2909/2016) of Bachelor of Architecture.  
**Karthik Girish** (BP/740/2017) of Bachelor of Planning.

General Proficiency Prizes in Bachelor of Architecture was awarded to:-

First Prize – **Ayushi Saxena** (A/2909/2016).  
Second Prize – **Tanya Sahdev** (A/2991/2016).

General Proficiency Prizes in Bachelor of Planning was awarded to:-

First Prize – **Karthik Girish** (BP/740/2017).

Second Prize – **Deevi Gruha Sree**, BP/732/2017.

**VANDANA GOYAL AWARD** instituted out of the endowment fund donated by Dr. M.L. Goyal in memory of his daughter, ex-student of B. Arch. Course is awarded to a student who secures highest marks in the third year B. Arch. Examination. The Award was given to **Preyanshu Avinash Pardhi** (A/3216/2018) for the session 2020-21.

**VED PRAKASH MEMORIAL AWARD** has been instituted out of the endowment fund donated by Ms. Chandan Aggarwal, wife of late Shri Ved Prakash Aggarwal and is awarded to a student who attains the first rank in the fourth year B. Arch. Examination. The scholarship was awarded to **Aparna Chandgothia** (A/3018/2017) for the session 2020-21.

**THE JUGAL KISHORE CHOWDHURY CHARITABLE AND EDUCATION TRUST AWARD** is an award given out of the endowment fund in the memory of Late Padamshree J.K. Chowdhury, Eminent Architect. It is awarded to a student who secures highest marks in the Architecture Design subject in the Third year B. Arch. examination. The award is given to **Abhi Manoj Bilala** (A/3152/2018) for the session 2020-21.

**ABHIJIT DE DESIGN AWARD** is an award given out of the endowment fund in the memory of Late Ar. Abhijit De, an alumnus of the School. It is awarded to a student who secures highest marks in the Architecture Design subject in the Fourth year B. Arch. examination. The award is given to **Muskan Jain** (A/3068/2017) for the session 2020-21.

**PROF. N.S. SAINI GOLD MEDAL** is given out of endowment fund made in the memory of late Prof. N.S. Saini and is awarded for securing highest marks in Thesis, amongst the students of Master of Planning with specialization in Urban Planning or Regional Planning. The award was given to **Anshuman Singh Rajput** (RP/1377) for the session 2019-20.

**NARENDRA JUNEJA GOLD MEDAL** is given out the endowment made on behalf of late Shri Narendra Juneja, an alumnus of the School is awarded for the best individual performance in Landscape Architecture- IV (Studio) to the final year student of Master's Degree Course in Landscape Architecture. The award was given to **Manisha Wadhwa** (LA/655) for the session 2020-21.

**PROF. S.K. NARAYANA MEMORIAL ALUMNI GOLD MEDAL** is given out the endowment made in the memory of late Prof. S.K. Narayana, and is awarded to a student for the best "Thesis" in Building Engineering and Management. The award was given to **Ruchita Dasgupta** (BEM/781) for the session 2019-20.

**DR. P.C. JAIN ALUMNI GOLD MEDAL** is given out of endowment fund and is awarded for who scores the highest CGPA in first year (Cumulative of first and second semester) examination in Master's Degree course in Building Engineering and Management for the academic session 2019-20 and 2020-21. The award was given to **Rishabh Rastogi** (BEM/780) for the session 2019-20.

**SHRIYA ANAND AWARD** has been instituted out of the endowment fund donated by Capt. Jai Kumar Anand in the memory of his daughter Late Ms. Shriya Anand and is awarded to a student of Master's Degree Course in Landscape Architecture for the best overall performance in Landscape Architecture Studio in four semesters. The award was given to **Ushmita Roy** (LA/667) for the session 2019-20 and 2020-21.

**PROF. M.R. AGNIHOTRI AWARD** has been instituted out of the endowment fund donated by Late Prof. M.R. Agnihotri and is given to a final year student of Master's Degree Course in Architecture with specialization in Industrial Design having passed the examination in first



class and securing highest marks in design project. The award was given to **Vibhath P. S.** (ID/369) for the session 2020-21.

**SIDDHARTH KHITOLIYA AWARD** has been instituted out of the endowment fund and is awarded to a student of Master's Degree Course in Landscape Architecture for overall best academic performance in Landscape Architecture for the session 2019-20 and 2020-21. The award was given to **Shashank Bhatt** (LA/663) for the session 2019-20 and 2020-21.

**PROF. M.N. CHATTERJI AWARD** has been constituted for securing highest marks in the subjects Planning Theory – I and Planning Theory – II in Bachelor of Planning. The award was given to **Anupriya Aggarwal** (BP/765/2018) for the session 2020-21.

**APOORVA RUSTAGE SCHOLARSHIP AWARD** for woman, Bachelor of Planning in the memory of Apoorva Rustagi for overall performance in Third and Fourth year Bachelor of Planning. **Anupriya Aggarwal** (BP/765/2018) **Janhvi** (BP/759/2018)

**R.G. GUPTA GOOD PLANNER SCHOLARSHIP** Award for woman students in Bachelor of Planning for the Session 2020-21: **Sharanya K.G.** (BP/760/2018)







**2.**

**DEPARTMENTS OF STUDIES**



## 2.1 DEPARTMENT OF ARCHITECTURE

### 1. Academic Programs Offered by the Department

- Bachelor of Architecture
- Bachelor of Building Science
- Doctoral Programmes (Ph.D.)

### 2. Year of Establishment of the Department :

1941 as Department of Architecture of Delhi Polytechnic

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Anil Dewan	Professor and Head of the Department from 1 Aug., 2021 onwards till date	B.Arch MBEM, Ph.D CA/83/07565	Architecture, Health Facilities Planning and Design, Project Management.
Manoj Mathur	Professor	B.Arch. CA1984-08183	Arch. Design, Arch. History, Bldg. Construction, Housing, Design Theory, Design Methodology
Aruna Ramani Grover	Professor	B.Arch., M. Plan (housing), PhD in Architecture CA/85/9202	History, design research, sustainable use of water
Jaya Kumar	Professor	B.Arch., Ph.D. CoA /81/6122	Children's environments, environment behavior research
Jyoti Pandey Sharma	Professor	B.Arch. Ph.D CA/1991/14319	Architectural and Urban History; Built Heritage.
Chitrarekha Kabre	Professor	Ph.D. (Architecture), M.B.E.M., B.Arch. CA/89/12312	Sustainable & Regenerative Architecture, Computer Aided Architectural Design, Project Management, Construction & Real Estate Management and Architectural Technology
Bandana Jha	Professor	B.Arch. Institute of Environmental Design, Gujarat (Gold Medal) M. Tech in Bldg. Science & Construction Mgmt. Indian Institute of Technology, IIT Delhi PhD in the area of Energy	28+ years of multinational professional experience in Design & Management of 70+ Hospitality, Retail, Commercial and Housing projects in India & Mauritius. Adviser to Ministry of Finance at Government of Mauritius AVP Design & Build

		Retrofit of Buildings Indian Institute of Technology, IIT Delhi CA/94/17607	200 Bedded Apollo Hospital Mauritius Project Manager Design 360 Rooms Shangri-La Hotel, New Delhi Areas of Interest in Practice, Research & Teaching are: Building Energy Performance Simulation, Net Zero Energy Building Design, Energy Retrofit of Buildings, Building Energy Policy, Env. Regulations, Housing, Hospitality, Commercial & Hospital Design.
Binod Kumar Singh	Professor	Ph.D. (IIT Delhi)	Structural Engineering
Leon Angelo Morenas	Associate Professor	Ph.D in Architectural Sciences CA/2011/51131	Science and Technology Studies, Design Pedagogy, Urban Design, Smart Cities
Shweta Manchanda	Associate Professor	B.Arch, M.Phil., PhD. COA/97/23/712	Environmental Design
Shuvojit Sarkar	Associate Professor	P.hD, M.Planning, B.Arch CA/2004/32924	Sustainability, Environment, Ecology
Prabhjot Singh Sugga	Associate Professor	Phd, M.S.(UP), B.Arch CA-42234	Redevelopment, systems integration, green buildings, institutional
Jatinder Kaur	Associate Professor	Ph.D., M. Tech. in Construction Technology and Management, B.Arch. CA/95/18845	Energy Efficient Building Envelope Design
Parul Kiri Roy	Assistant Professor	B.Arch. and Post Graduation M.F..A (Master in Fine Arts) in History of Art, Ph.D.ongoing CA/2001/28679	Art and Architectural History, Theory of Design, Architectural Anthropology, Vernacular Built Environments, Rural Dwellings
Sunil Prasad Shrivastava	Assistant Professor	B.Sc.Engg.(Civil), M.E.(Civil), Ph.D. (Civil Engg.)	Soil Mechanics and Foundation Engineering
Aarti Nagpal	Assistant Professor	Ph.D ongoing M.Plan (UP) B.Arch CA/2009/45148	Architecture and Urban Planning
Arpita Dayal	Assistant Professor	M. Arch, B.Arch. CA/2007/39718	Urban Design
Anjali Mittal	Assistant Professor	B. Arch/ MSc in City Design and Social Science/ Phd (Ongoing) CA/2007/39659	Labour and Space, Urban studies (Urban geography, Urban Sociology), application of sociological Research Methods



			in Architecture, change and built environment (rural and urban), community based participatory development models, mapping of socio-spatial systems, neo-liberal strategies and urban form.
Saptarshi Sanyal	Assistant Professor	PhD in Architecture (History and Theory), Bartlett School of Architecture (UCL), 2022; MArch (Architectural Conservation), 2008 and BArch, 2006-- both School of Planning and Architecture, New Delhi CA/2009/45861	Architectural History and Theory; Architectural Knowledge Systems; Visual Representations
Mekhla Parihar	Assistant Professor	B.Arch. , M.Aarch., Pursuing PhD CA/2009/46924	Environment Behaviour, Indigenous Communities, Architectural Anthropology, Oral History, Tribal/Vernacular Habitats, Cultural and Social Sustainability, Displacement, Gender Studies
Vandana Kothari	Assistant Professor	Master's in Fine Arts and Bachelor's in Fine Arts	History of Art & Painting
Khushal Matai	Assistant Professor		
Dhrubajyoti Padun	Assistant Professor	Master of Architecture CA/2016/73953	Architectural Design
Amit Kumar	Assistant Professor	B.Arch, M.Plan ITPI/2019/333	Architecture, Urban- Regional Planning, Urban Design, Interior Design
Kandipilli Mehar Kumar	Assistant Professor	B.Arch, Masters in Planning(Urban & Regional Planning),Master of Arts in Rural Development, PG Diploma in Town and Country Planning CA/2014/65795	Vernacular Architecture, Housing Technologies, Urban planning, Regional Planning, Sociology Art History, Different Mediums of Art ,Traditional Art
Kshetrimayum Bangkim Singh	Assistant Professor	PhD	Architecture and City Planning, Urban Science and Engineering
Krishna Prakash	Assistant Professor	B.Arch., M.Tech (Infrastructure Design and Management), PhD (pursuing) CA/2013/61198	Architectural Acoustics, Environmental Noise Control, Climate Responsive Architecture, Energy Efficiency in Buildings, Thermal Comfort in

			Built Environment, Lighting, Daylighting and Visual Comfort
Thomas Krishna Pegu	Assistant Professor	Master of Planning (Housing), Bachelor of Architecture CA/2017/86840	Housing
Mohammed Athar Mansury	Assistant Professor	Master's Degree in Architecture CA/2016/75639	Building Services
Arathy Gopal	Assistant Professor	B.Arch, M.Planning, Pursuing PhD CA/2012/56048	Change in urban form, Neuroscience for Architecture
Ankit Kumar Singh	Assistant Professor	BArch, PG-PCM, PhD(Pursuing) CA/2009/45122	Construction Management, Fire Safety

#### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Anil Dewan	IX	V	Management and Professional Practice	4
	VII	IV	Hospital Design studio	9
	VII	IV	Architecture Design	9
	IX	V	Professional Practice(Lecture & Studio)	3
Manoj Mathur	X	V	Arch. Thesis	10
	IV	II	History of Arch.	2
	IX	V	Dissertation	2
	VII	IV	Arch. Design	3
	VII	IV	Working Dwgs.	5
	V	III	Design Methodology	2
Aruna Ramani Grover		2021	On earn leave	
	Aug-Dec	2022	History of Architecture 03: Lecture	2
	Jan-May	2022	Architectural Thesis: studio	9
	Jan-May	2022	Thesis Research: Tutotial	2
Jaya Kumar	IX	V	Architectural Design Studio	9
	IX	V	Dissertation Lecture coordination and guidance	4
	X	V	Thesis coordination, guidance, report	10
	IV	II	Elective	2
Jyoti Pandey Sharma	III	II	Architectural Design-3	8

	IV	II	Architectural Design-4	8
	IV	II	History of Architecture-3	2
	VIII	IV	Practical Training-	2
Chitrarekha Kabre	I	I	AR 1.01 Architectural Design 1	8
	IV	II	AR4.10 Architectural Research 2	2
	VIII	IV	ADB Practical Training	2
	II	I	AR 2.01 Architectural Design 2	8
	II	I	AR 2.06 Climate Responsive Design	2
Bandhana Jha	III	II	Architectural Design-AD3	8
	V	III	Architectural Research- EL3	2
	VII	IV	Architectural Seminar- AR1	2
	IV	II	Architectural Design-AD4	8
	IV	II	Energy Simulation - EL4	2
Binod Kumar Singh	I	I	ST 1:Theory of Structures 1	10
	VI	III	ST 6:Theory of Structures 6	4
	V	III	ST 5: Theory of Structures 5	10
	VII	III	Structure & Architectural Appreciation 4	3
	IX	V	Dissertation	3
Leon Angelo Morenas	V	III	Architectural Design 5	8
	V	III	Architectural Design Tutorial 5	1
	V	III	Design Methodology 3	2
	V	III	Art and Architectural Appreciation 3	3
	IX	V	Dissertation	1
	VI	III	Architectural Design 6	8
	VI	III	Architectural Design Tutorial 6	1
	VI	III	Design Methodology 4	2
	VI	III	Art and Architectural Appreciation 4	3
Shweta Manchanda	Odd	2021-22	Architectural Design	9
	Even	2021-22	Architectural Design	9
	Odd	2021-22	Environmental Studies-5	2
	Even	2021-22	Sustainable Urban Habitat	2
	Odd	2021-22	Architectural Dissertation	1
	Odd,Even	2021-22	Architectural Appreciation	2,3
Shuvojit Sarkar	I	I	Architectural Design-1	8
	I	I	Environmental Studies	4
	I	I	Model Making/Workshop	3
	I	I	Computer Applications	2
	II	I	Architectural Design-2	8
	II	I	Sociology & Culture	2
	II	I	Building Construction	3
	II	I	Sociology & Culture	2
	II	I	Surveying & Levelling	3
VIII	IV	Practical Training -AD8	2	

Prabhjot Singh Sugga	V	III	Architecture Design Studio	8
	VII	IV	Structures in Architecture appreciation course	3
	X	V	Dissertation (Guide)	2
	X	V	Dissertation (Coodindator)	1
Jatinder Kaur	III	II	Arch. Design -3	8 (Studio)
	III	II	Visual Arts & Basic Design -3	3 (Studio)
	III	II	Site Planning and Landscape Studies-3	4 (Lecture)
	I	I	Arch. Design – 1	4 (Studio)
	II	I	Arch. Design – 2	8 (Studio)
	II	I	Visual Arts & Basic Design -2	3 (Studio)
	IV	II	Solar Active & Passive Systems-4	2 (Lecture)
	II	I	Theory of Structures – 2	1 (Studio)
Parul Kiri Roy	III	II	Art and Architecture Appreciation	3
	III	II	Visual Arts and Basic Design	3
	III	II	History of Architecture	2
	IX	V	Dissertation	2
	I	I	Visual Arts and Basic Design	5
	i	i	Professioanal Communication	3
Note: I was on leave in the even semester (Jan-April 2022)				
Sunil Prasad Shrivastava	I	II	Theory of Structures (Sec. A)	4
	I	II	Theory of Structures (Sec. B)	4
	I	II	Theory of Structures (Sec. C)	4
	I	III	Theory of Structures (Sec A)	2
	I	III	Theory of Structures (Sec. B)	2
	I	III	Theory of Structures (Sec. C)	2
	I	II, III	Contact Hours Sec.(A,B & C)	4
	II	II	Theory of Structures (Sec. A)	4
	II	II	Theory of Structures (Sec. B)	4
	II	II	Theory of Structures (Sec. C)	4
	II	III	Theory of Structures (Sec. A)	3
	II	III	Theory of Structures 3 <sup>rd</sup> B. Arch Sec.B	3
	II	II, III	Contact Hours (Sec.A,B & C)	4
Aarti Nagpal			Architectural Design-(I,II,III,IV)	

			Art and Architectural Appreciation-II, Graphics-(I,II	
			Structural Design Studio-II	
			Environmental Science/EVS-I)	
			Building Construction-(I,II, III, IV, VI	
			Building Science & Services-(II,III)	
			Theory of Settlements/ TOS (VI,VII)	
			Computer applications-I	
			Sustainable Urban Habitat-VI and Project Management & Professional Practice-IX	
Arpita Dayal	AUGUST - DECEMBER	2021	Dissertation Coordination For 5th Year	3
	AUGUST - DECEMBER	2021	Dissertation Guide for 5th Year	2
	AUGUST - DECEMBER	2021	Seminar Guide for 5th Year	1
	AUGUST - DECEMBER	2021	Art and Architectural Appreciation 2nd Year	2
	DECEMBER- APRIL	2021-22	Architectural Design for First Year	8
	MAY-JULY	2022	Child Care Leave	
Anjali Mittal	I	I	AR1.08 Human Settlements and Vernacular Architecture (Lecture)	2
	I	I	AR1.09 Professional communication	3
	III	II	AD3- Arch. Design (Studio)	8
	III	II	VA3- Visual Arts and Basic Design (Studio)	3
	IX	V	Dissertation	1
Saptarshi Sanyal	IV	2022	Architectural Design	8
	VI	2022	Sustainable Urban Habitat	2
Mekhla Parihar		Next semester	On earned leave to pursue full time Phd	
		II	Art and Architectural Appreciation	3
		I	Theory of Design-1 (Vernacular Settlement)	2
		V	Dissertation -Coordinator	1
		V	Dissertation - Coordinator	2
		V	Dissertation - Guide	1
			Contact Hours	3

	Jan – June 2022	II	Architectural Design	8
		II	Visual Arts Basic Design	3
		II	Art and Architectural Appreciation	3
		II	Computer Applications	1
		III	Architectural Research	1
			Contact Hours	4
Vandana Kothari	2020 - Jan - May			
	II (IA)	I	Visual Arts and Basic Design - 2	3
	II (IC)	I	Visual Arts and Basic Design - 2	3
	IV (IIC)	II	Art & Architectural Appreciation - 2	3
	IV (IIC)	II	Visual Arts and Basic Design - 4	3
	VI (IIC)	III	Art & Architectural Appreciation	3
	2020 - Sep - Dec			
	I (IA)	I	Visual Arts and Basic Design - 1	5
	I (IA)	I	Visual Arts and Basic Design - 1	5
	I III (IIB)	II	Visual Arts and Basic Design - 3	3
III (IIB)	II	Art & Architectural Appreciation	3	
Dhrubajyoti Padun	IV	II	Visual Arts & Basic Design	3
	IV	II	Building Construction (studio)	3
	IV	II	Computer Applications	3
	IV	II	Elective	2
	IV	II	Art & Architecture Appreciation	3
	II	I	Visual Arts & Basic Design	3
Amit Kumar	I	I	Architectural Design	8
	I	I	Building Construction	3
	II	I	Architectural Design	8
	II	I	Professional Communication	3
	VI	III	Specifications and Contracts	3
	IX	V	Professional Practice	2
Kandipilli Mehar Kumar	I	I	Architectural Design-1	8
	I	I	Building Construction	3
	IV	II	Building Services Electrification Lighting Acoustics ( LECTURE)	2
	IV	II	Visual Arts and Communication - 4	2
	VI	III	Specifications and Contracts	3
	II	I	Architectural Design-2	8
	II	I	Building Construction	1
	II	I	Sociology & Culture	2
Kshetrimayum Bangkim Singh	I	I	AR1.01 - Architectural Design	8
	I	I	AR1.02 - Visual Arts And Basic Design	5
	I	I	AR1.03 - Computer Applications	3
	II	I	AR2.01 - Architectural Design	8

	II	I	AR2.03 - Computer Applications	2
	II	I	AR2.09 - Sociology And Culture	2
	IV	II	AR4.10 - Elective (Understanding The City)	2
Krishna Prakash	II	I	Visual Arts & Basic Design 2	3
	II	I	Building Construction 2 (studio)	3
	II	I	Surveying & Levelling (Sec C)	3
	II	I	Surveying & Levelling (Sec A)	3
	II	I	Theory of Structures 2 (Studio)	2
	IV	II	Electrification, Lighting and Acoustics	2
	I	I	Computer Applications 1	2
	I	I	Model Making and Workshop	3
	I	I	Visual Arts & Basic Design 1	5
Thomas Krishna Pegu	I	I	Architecture Design	8
	I	I	Professional Communication	3
	VI	II	Architecture Research	2
	VI	II	Art and Architecture Appreciation	3
	II	I	Architecture Design	8
	II	I	Professional Communication	3
Mohammed Athar Mansury	V	III	Architecture Design AR 5.01	9
	V	III	AR5.04 – HVAC, Mech. Mobility & Fire Safety	2
	VII	IV	AR7.02 - Working Drawings	4
	VII	IV	AR7.05 - Arch. Research	4
	II	I	AR 2.07 Surveying And Levelling	3
	II	I	AR 2.05 Structures	2
	II	I	AR 2.04 Building Construction	3
	I	I	Visual Arts and Basic Design	9
	IV	II	Architectural Theories	3
Arathy Gopal	2	1	History of Architecture	2
	2	1	Professional Communication 2 for Sec B	3
	2	1	Professional Communication 2 for Sec C	3
	4	2	Visual Arts and Basic Design	3
	4	2	Building Construction	3
	4	2	Nature and the City	2
Ankit Kumar Singh	VI	3	Building Construction - VI	3
	II	1	History of Architecture	2
	II	1	Computer Applications	3
	II	2	Building Construction - II	3
	VI	3	Art Appreciation	3
	VI	3	Theory of Structures - 5	3

## 5. Details of Teaching Work Undertaken in Other Department

### Bandhana Jha

1. Member PG Admissions, Evaluation of Admission Applications, Department of Conservation 8 hrs
2. Examination Duties in Planning Department 6hrs

### Aarti Nagpal

1. Worked as an Assistant Professor, National Aptitude Test of Architecture(NATA) Coordinator and HOD in Sat Priya School of Architecture and Design (SPSAD), Rohtak, Haryana: Urban and Rural Settlement-IV, Building Services-I, Building Construction and Materials-I, Landscape Design-IV, History of Architecture-IV, Building Bye-laws and Office Management-VI, Construction Management-VI.
2. Worked as an Assistant Professor in State Institute of Urban Planning and Architecture (SIUPA), Rohtak, Haryana: Architectural Design Theory-I, II, Art and Graphics-I, II, Computer Applications in Architecture-II, History of Architecture-I, Building Construction and Materials-I, II.
3. Worked as an Assistant Professor in Deen Bandhu Chottu Ram University of Science and Technology (DCRUST), Murthal, Sonapat, Haryana: MURP subjects:-Urban and Regional Development, Development Management and attended ITPI Inspection there.
4. Worked as an Assistant Professor in department of Urban Planning in School of Planning and Architecture (SPA), New Delhi: Urban Development Management and Governance-III and Sustainable Development Planning-I.

## 6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Subjects	Lecture Hours per week	Studios Hours per week	Semester
1	T. S. Ravichandran	Architectural Design & Building Construction		11	I
2	Amit Prabhakar	Architectural Design & Visual Arts & Basic		13	I
3	Reema Jain	Building Construction		3	I
4	Prabha	Building Construction		3	I
		Model Making & Workshop		3	I
		Theory of Structure		IV	I
		Environmental Studios	II		I
5	Mousumi Biswas	Theory of Structure	IV		I
				VI	I
6	Rajeev Mahajan	Theory of Structure		VI	I
7	Artika	Computer Application		IV	I
		Professional Communication	3		I
8	Bilal Khan	Computer Application		VI	I



9	Deepanshu Gola	Computer Application		IV	I
10	Prasanta Mukherjee	Visual Arts & Basic Design		10	I
11	Francis Joseph	Visual Arts & Basic Design		10	I
12	Anuj Srivastava	Professional Communication	VI		I
13	Sonal Singh	Professional Communication	VI		I
14	Meera Soni Bindal	Professional Communication	VII		I
15	Richard A. Barraud (VP)	Architectural Design		VIII	I
		Building Construction	1	3	I
16	Shaily Gupta	Building Construction		3	I
17	Sushant Jain	Building Construction		3	I
		Model Making & Workshop		3	I
		Professional Communication	3		I
18	Ankur Yadav	Model Making & Workshop		3	I
19	Vivek Verma (VP)	Architectural Design		VIII	I
		Building Construction	1	3	I
20	PELECTIVE III Banerjee	Architectural Design		VIII	I
21	Naresh Matia	Theory of Structure		II	I
22	Roohan Segel	Visual Arts & Basic Design		V	I
23	Urvi Khanna	Visual Arts & Basic Design		V	I
24	Asim Waqif	Visual Arts & Basic Design		V	I
25	Taniya Sanyal	Building Construction		VI	I
26	Anubhav Kumar	Theory of Structure		VI	I
27	Anurag Roy	Building Construction	1	IX	I
28	Tapan C.	Human Settlement & Vernacular Architecture	II		I
29	Sudhir prakesh	Computer Application		II	I
30	Satyakam Saha	Visual Arts & Basic Design		10	I
31	VF/NPF	Visual Arts & Basic Design		V	I
32	VF/NPF	Architectural Design		VIII	I
33	Pavan Gupta	Professional Communication	VI		I
34	Kapil Mathur	Professional Communication	3		I
35	Pavan Buragohain	Visual Arts & Basic Design		V(3wks)	I

ODD Semester					
S.No.	Name of the Faculty	Subjects with Semester	Lecture Hours per week	Studio Hours per week	Semester
1	Prof. Satish K Khanna	Architectural Design	1	8	IX
2	Suneet Mohindru	Architectural Design	1	8	IX
3	Amit Hajela	Theory of Structure & Design	2		VI
		Architectural Design	1	8	IX
4	Anuj Mittal	Architectural Design		4	V
5	Rajesh Advani	History of Architecture	2		IV
6	Kamal Raj Arora	Art & Architectural Appreciation		2	VI
		Architecture Design	1	8	VII
7	Sandal Kapoor	Elective	2		VIII
		Architectural Design		8	VII
		Arch Research Disseration IX		2	II
8	Ravinder Singh Verma	Professional Praticce		2	IX
9	P R Mehta	Professional Praticce	1	2	IX
10	Tushar Agarwal	Professional Praticce		2	IX
		Working Drawing		6	VII
11	Shiriesh Malpani	Architectural Design	1	8	IX
12	Tanuja B K	Architectural Design	1	8	IX
13	Prof. Moti Bahri	Architectural Design	1	8	IX
		Building Construction VII		3	
14	Varun Seth	Professional Practice IX		2	
15	Anil Bhatia	Architectural Design III		4	
16	Bilal Khan	Visual Art & Basic Design III		3	
		Computer Application III		3	
17	Sanjit Gupta	Computer Application III		3	
18	Tarun Kumar	Architectural Design III		8	
19	Roohan Segel	Art & Architectural Appreciation III	3		
		Visual Art & Basic Design III		3	
20	Prof. Ashok Grover	Building Construction III	3	9	
21	Lalit Solanki	Building Construction III		9	
22	Pawan Tandon	Building Construction III		9	
23	Mohd. A Pasha	Building Construction III		6	

		BS1	6(8 wks)		
24	Pradeep Aggarwal	Estimating & Costing	1 (8 wks)	4	
25	Urvi Khanna	Visual Art & Basic Design III		6	
26	K C Yadav	Theory of Structure V		6	
		Art & Architectural Appreciation VI		6	
27	Mukesh Jain	Theory of Structure III		4	
28	Tina Bali	ES3	2		
		Architectural Design V		8	
29	Artika Aggarwal	Computer Application III		6	
30	Shridhar	Computer Application III		3 (8 weeks)	
31	Joy Mondal	Computer Application III		3 (8 weeks)	
32	Reema Jain	Architectural Design III		8	
33	Akshay Shrinagesh	Architectural Design III		8 (8 weeks)	
34	Mohit Verma	Architectural Design III		8 (8 weeks)	
35	Rohan Mishra	Computer Application III		3(8 weeks)	
36	Nakul Jain	Computer Application III		3 (8 weeks)	
37	Sanjay Mehra	ELECTIVE III	2		
		Building Construction III		3	
		Arch Research Disseration IX		2	
38	Francis Joseph	Visual Art & Basic Design III		3	
39	Satyakam Saha	Visual Art & Basic Design III		3	
40	Vishal Kakker	Building Construction VII		6	
41	Sushant Jain	Computer Application III		3	
42	Tanuj Biyani	Computer Application III		6	
43	Suparna Ghosh	Architectural Design III		8	
44	Vikas Gandhi	Architectural Design III		8	
45	Kapil Mathur	Architectural Design III		8	
		Theory of Structure III		2	
46	Akrant	Visual Art & Basic Design III		3	
47	Priyam Goswami	Theory of Structure III		2	
48	Shaista Perveen	History of Architecture I	2		
		Architectural Design III		4	

49	Seema Srivastava	Art & Architectural Appreciation III	3		
50	Anand Dhote	Architectural Design V		8	
		Design Methodology V	1		
		Building Construction v		3	
51	Amardeep Labana	Architectural Design V		8	
52	Gaurav Shorey	Arch Research Elective V	2		
		Arch Research Seminar VII		4	
		HVAC, MECH, Mobility & Fire Safety V	3(5weeks)		
		Energy System & Renewables	4		
		Arch Research Disseration IX		2	
53	Dhiraj Kumar Khanna	Building Construction V		3	
54	Gunmeet Kaur	Building Construction V		3	
		Art & Architectural Appreciation v	3		
		Architectural Design V		4	
55	Raja Singh	Professional Practice IX		2	
56	Manjari Khanna Kapoor	ELECTIVE III	2		
		HVAC, MECH, Mobility & Fire Safety V	3(15 weeks)		
		Building Construction v		3	
57	Alok Sahdev	Estimating & Costing	1(8weeks)		
		Estimating & Costing	1	6	
		Project Management VII		2	
58	Rajesh Lutthra	HOAIV	2		
59	Deepti Gupta	Architectural Design V	1	8	
		Theory of Structure V	1	2	
60	Ashwani Datta	Architectural Design V		8	
		Building Construction v		3	
		Arch Research Disseration IX		2	
61	Kinshuk Aggarwal	Architectural Design V	1	8	
62	Manoj Mittal	Theory of Structure III		4	
		Theory of Structure V		2	
63	Rahul Patel	Theory of Structure V	5	6	
64	Rajiv Mahajan	Theory of Structure V	Sec.C	4	
65	Amitabh Shrivastav	Art & Architectural Appreciation v	3		
66	Parul Walecha	Art & Architectural Appreciation v	3		

		Building Construction VII		6	
		Building Construction v		3	
67	Gaurav Sharma	TODIV	2		
		Arch Research Disseration IX		2	
68	Radhika Viswanathan	Architectural Design V		8	
		Building Construction v		3	
69	Prarthana Misra	Elective IX	2		
		Architectural Design V	1		
70	Arpan Jain	Art & Architectural Appreciation v		3	
71	Sanjay Bhardwaj	Architectural Design V		4	
72	Ravish Mehra	Building Construction v	1	3	
73	Shobhna Batra	Building Construction v		3	
74	Taranjeet Singh	Architectural DESIGN VII		6	
75	Savinder Anand	Architectural DESIGN VII		6	
		Building Construction VII		6	
76	Prabir Kumar Das	Art & Architectural Appreciation VI		6	
77	Pavan Kumar Gupta	Project Management VII	2	4	
78	Anita Dhar Kaul	Project Management VII		4	
		Building Construction VII		6	
79	Anuj Mehta	Architectural DESIGN VII	1	5	
		Building Construction VII		6	
80	Rahul Sen	Architectural DESIGN VII		8	
81	Ravi Kaimal	Architectural DESIGN VII		6	
82	Raman Vig	Architectural DESIGN VII		8	
		Professional Practice IX		2	
83	Sushil Aggarwal	Architectural DESIGN VII	1	8	
84	Monish Siripurapu	Architectural DESIGN VII	1	8	
85	Dondetti. Karthik	Architectural DESIGN VII	1	8	
86	Vasanth P	Architectural DESIGN VII		8	
87	Tanuj Aggarwal	Building Construction VII		6	
88	Shalini Raman Vig	Theory of Structure III		6	
		Project Management VII		2	
89	Vijay Garg	Arch Research Seminar VII		3	
		Architectural DESIGN VII		3	
		Building Construction VII		6	
90	Sanjit Roy	Art & Architectural Appreciation VI		3	
91	Kanishk Prasad	Arch Research Disseration IX		2	

		Elective V		2	
		Arch Research Seminar VII		4	
92	Suneet Paul	Arch Research Disseration IX		2	
		Arch Research Seminar VII		4	
93	Amit Talwar	ELECTIVE III	2		
94	Rashmi Baluja Tandon	Elective IX	2		
		Arch Research Disseration IX		2	
		ELECTIVE III	2		
95	Aman Jain	Elective V	2		
96	Amit Sarma	Elective V	2		
97	Amit Talwar	Elective V	2		
98	Anamika Bagchi	Arch Research Disseration IX		2	
		Elective V	2		
99	Balachandar Baskaran	Elective V	4		
100	Dr. Manjari Khanna Kapoor	Arch Research Elective V	2		
101	Manuel M de las Heras	Arch Research Elective V	2		
102	Nidhi Sohane	Arch Research Elective V	2		
103	Nidhip Mehta	Arch Research Elective V	2		
104	Pallav Kumar Agrawal	Arch Research Elective V	2		
105	Abishek Sorampuri	Arch Research Disseration IX		2	
106	Lakshmi T	Arch Research Disseration IX		2	
107	Ranjana Mital	Arch Research Seminar VII		4	
		Arch Research Disseration IX		2	
108	Anuj Shrivastava	Building Construction VII		6	
		Project Management VII		2	
109	Sayantana M	ELECTIVE III	2		
110	Aditi Veena	ELECTIVE III	2		
111	Balpreet Madan	ELECTIVE III	2		
<b>Even Semester</b>					
<b>S.No.</b>	<b>Name of the Faculty</b>	<b>Subjects with Semester</b>	<b>Lecture Hours per week</b>	<b>Studios Hours per week</b>	<b>Semester</b>
1	T. S. Ravichandran	Architectural Design & Building Construction II		11	II

2	Prabha Ghai	Architectural Design , Building Construction , Theory of Structure , Climate Responsive Design & Surveying & Leveling (8wks)	5	7	II
3	Anurag Roy	Building Construction & Professional Communication II	3	9	II
4	Taniya Sanyal	Architectural Design		12	II
5	Mousumi Biswas	Theory of Structure II	4	6	II
6	Richard A. Barraud	Architectural Design & Building Construction II	1	11	II
7	Saurabh Singh	Building Construction II	3	3	II
8	Artika Aggarwal	Computer Application II		6	II
9	Vivek Varma	Architectural Design & Building Construction II	1	11	II
10	Peu Banerjee	Architectural Design II		8	II
11	Bilal Khan	Computer Application II		5	II
12	Sushant Jain	Computer Application II		2	II
13	Francis Joseph	Visual Arts & Basic Design II		6	II
14	Satyakam Saha	Visual Arts & Basic Design II		6	II
15	Prasanta Mukherjee	Visual Arts & Basic Design II (12wks)		3	II
16	Roohan Segel	Visual Arts & Basic Design II		3	II
17	Urvi Khanna	Visual Arts & Basic Design II		3	II
18	M. Pravat	Visual Arts & Basic Design II		3	II
19	Anubhav Kumar	Theory of Structure II & Surveying & Leveling	6	2	II
20	Anupama Chatterjee	Visual Arts & Basic Design II		4	II
21	Raja Singh	Computer Application II, Theory of Structure & Surveying & Leveling II	6	6	II
22	Kapil Mathur	Theory of Structure II		4	II
23	Anuj Srivastava	Professional Communication	3		II

#### Even Semester

S.No	Name of the Faculty	Subjects with Semester	Lecture Hours per week	Studios Hours per week	
1	Tarun Kumar	Architecture Design IV		8	
2	Vikas Gandhi	Architecture Design IV		8	

3	Roohan Segel	Art & Architectural Appreciation IV	3	
		Visual Arts & Basic Design IV		3
4	Ashok Grover (VP)	Building Construction IV	3	9
5	Lalit Solanki	Building Construction IV		9
6	Pawan Tandon	Building Construction IV		6
7	Urvi Khanna	Visual Arts & Basic Design IV		3
8	Sandal Kapoor	Professional Practice X		2
		Theory of Structure IV		6
9	K C Yadav	Building Construction VI		0
		Theory of Structure IV		6
10	Artika Aggarwal	Computer Application IV		3
11	Joy Mondal	Computer Application IV & Art Appreciation	3	3
15	Reema Jain	Architecture Design IV		8
16	Akshay Shrinagesh	Architecture Design IV		8
17	Nidhi Bindal	Computer Application IV		3
18	Rohan Mishra	Computer Application IV		2
19	Abha Kohli	Visual Arts & Basic Design IV		6
20	Anupama Chatterjee	Visual Arts & Basic Design IV		6
21	Sushant Jain	Computer Application IV		3
22	Shalini Raman Vig	Architecture Design IV & Theory of Structure IV		10
23	Kapil Mathur	Architecture Design IV		8
24	Mohd. A Pasha	Building Construction IV		3
29	Sushil Aggarwal	Architectural Design Thesis X		10
30	Rajeev Aggarwal	Architectural Design Thesis X		10
31	Savinder R Anand	Architectural Design Thesis X		12
32	Meena Murthy	Architectural Design Thesis X		10
33	Anand Dhote	Architectural Design VI		4
		Architectural Design Thesis X		8
34	Sandip Kumar	Architectural Design Thesis X		10
35	Suneet Mohindru	Architectural Design Thesis X		10



36	Anamika Bagchi	Architectural Design Thesis X		10
37	Raman Vig (VP)	Professional Practice X	1	
		Architectural Design Thesis X		12
38	Kamal Raj Arora	Professional Practice X		2
39	Ravinder S Verma	Professional Practice X		2
42	Shiriesh Malpani	Architectural Design Thesis X		10
43	Tanuja BK	Architectural Design Thesis X		10
44	Archana Khanna	Architectural Design Thesis X		10
45	Vikas Kanojia	Architectural Design Thesis X		10
46	Rajesh Dongre	Architectural Design Thesis X		10
51	Tushar Agarwal	Professional Practice X		2
52	Varun Seth	Professional Practice X		2
53	Radhika Vishwanathan	Architectural Design VI & Building Construction VI		11
54	Tina Bali	Architectural Design VI & Elective	2	4
55	Rahul Patel	Building Construction VI	1	3
56	Anubhav Kumar	Building Construction VI		9
57	Alok Sahdev	Specification & Construction VI	1	4
58	Gaurav Shorey	Green System Integration VI	4	
59	Sanjay Bhardwaj	Architectural Design VI		4
60	Thomas Mical	Contemporary Architecture VI	2	
61	Ravish Mehra	Building Construction VI	1	3
62	Rajesh Luthra	Contemporary Architecture VI	2	
63	Deepti Gupta (VP)	Architectural Design VI & Building Construction VI	1	11
64	Ashwani Datta	Architectural Design VI & Building Construction VI		11
65	Kinshuk Aggarwal	Architectural Design VI		8
66	Punit Sethi	Building Construction VI	2	6
67	Dhiraj Khanna	Building Construction VI		3

68	Parul Walecha	Building Construction VI & Art & Architectural Appreciation		6
69	Gaurav Sharma	Architectural Design VI	2	
70	Gunmeet Kaur	Architectural Design VI	1	8
		Building Construction VI		3
71	Amardeep Labana (VP)	Architectural Design VI	1	11
72	Rajesh Advani	Contemporary Architecture VI	2	
73	Raja Singh	Building Construction VI & 1.09&10.03	3	5
74	Sanjit Roy	Architectural Design VI		4
77	Shobana Batra	Building Construction VI		3
81	Aditi Veena	Arch Research Elective IV	2	
82	Parveen Sehrawat	Computer Application IV		3
83	Suneet Paul	Arch Research Elective IV	2	
84	Pradeep Agarwal	Specification & Construction VI	1	2
85	Amit Gupta	Building Construction VI		3
87	Sanjay Mehra	Building Construction IV		3

## 7. Details of Studio Work Undertaken by Students

Semester	Title of the Studio Assignment and Brief Description
I A II SEMS	<p>Develop skills of observation, measurement, representation and drawing of built spaces by the measure drawing exercise of the various pavilions in Qudsia Bagh and Roshanara Bagh Complex, Delhi. Understand architecture at an elementary level and understand its relationship of parts to the whole. The students studied and measured the pavilions, gateways, and other structures. A detailed documentation was done for the various structures in the complex along with an analysis of construction systems. Reconstructing a space using these parts to create a space that has a formative meaning. Reading and representation by understanding spaces as outcome of anthropometric dimensions. Skills of observing, recording, representation and rendering through drawings and models. Develop Design thinking and skills and understand design process. The final design was a Pavilion at a close proximity of architecture building which the students chose an activity of their choice after analysis of the area and came up with their own design solutions.</p>

I A	<p>The Studio focused on development of design communication through architectural language drawings, graphics, models, etc. Exercises were devised which applied the principles of composition and elements of design. Reading and representation by understanding spaces as outcome of anthropometric dimensions.</p> <p>The final design was a working space/pod for the students themselves applying the basics of anthropometry and explored form through models.</p>
I B	<p>Red Fort Complex Interpretation Centre @ New Delhi</p> <p>The students undertake measured drawing of various pavilions at Red Fort complex to appreciate principles of architecture. Further, propose the design for a small single-storied interpretation centre (maximum space 60-75 m<sup>2</sup>) with interpretation facilities for the national and international visitors. The centre encompasses reception, lobby, administrative office for 5, Space for AV presentation – 10-15 persons, active and passive interpretive mechanisms, open air café with dry pantry and associated facilities for 20 customers, souvenir counter and digital aid counter.</p>
I B	<p>Aleatory Repetitions</p> <p>This project intends to assimilate design principles through aleatory repetitions into a space design for leisure time use of students and others. Rose Garden behind the Department of Architecture campus.</p>
I C	<p>The Design studio aimed to develop skill set of students for 3D representations of structures, through drawing exercises for perspective making and sciography. Another objective was to develop the ability to appraise historic architecture through documentation after studying relationship of political, religious, and social dimensions of these spaces.</p> <p>Design Projects:</p> <ol style="list-style-type: none"> <li>1. Preparation of Measured Drawings of Firoz Shah Kotla Complex</li> <li>2. Design of a Heritage Hub in the premises of Firoz Shah Kotla - To be designed in such a way that “new layers” of architectural interventions not only respect and enhance the existing significance of this place, but also advance its historical narrative.</li> </ol>
I C	<p>The Studio Exercise ‘Volumetric Exploration’ focussed on understanding the process of design reflecting on spatial perception and anthropometrics as a basis. Within a volumetric composition, the students designed a personal space with provision of a resting or sitting area and working area for themselves. It was done through systematic induction of a series of structured and incremental steps as part of the exercise, ensuring gradual but wholistic comprehension. Application of learnings from the previous modules- primary elements, principles of design, anthropometrics, along with integration with other courses like computer application, workshop facilitated culmination of knowledge and skill in the project.</p>

III	<p>ARCHITECTURAL DESIGN STUDIO III THEME: RESIDENTIAL &amp; VERNACULAR ARCHITECTURE</p> <p>Course Objectives</p> <p>Introduction of issues related to design of the human habitat, its components and space standard, in both the urban and rural environments. Anticipated Learning Outcomes: Ability to interpret site information as a decision-making aid for architectural choices. Content: Study of vernacular architecture, based on the traditional way of life of a people. Understanding the impact of the social and physical environment, climate of the place, materials and methods of construction on buildings. This study could be a village or part of a small town and would involve measurement of existing buildings and a topographic survey. Design of a simple building in the context of the study.</p>
2A	<p>Elements of Space and designing in a vernacular design</p> <p>The design studio was divided into three successive exercises. First, included the design of a space for an activity of students' choice to develop an understanding of elements of space- floor, roof, wall and door and rethinking them as experiential elements. Second, focused on the concept of vernacular by engaging through their own vernacular context and analysing it based on cultural, spatial and material aspects. The concluding part was a residential design for a family of 5, with an attached livelihood function, in a vernacular setting of similar characteristics of their own. Responding to the limitations offered by the pandemic, several design sites were chosen, accessible to at least one member of the group. Bringing in the learnings from the previous two exercises, the students were to develop their concept using a chosen experience, including the ideas of elements of space.</p>
2B 4 SEM	<p>Museum Design: Understanding History</p> <p>The focus of the studio is to understand the connection of the site to the surroundings, climate, material and its transformation into a wholistic experiential space through the design of a museum as an all-inclusive cultural space exploring the history of Delhi. The Museum acts as a bridge between the rural-urban-global divide and also act as a platform for engaging public in various discourse on history and helps in understanding the broader socio-cultural and economic parameters in developing their spatial ideas. Our aim is to develop an understanding of the inter- relationship between form, self, and context as an architectural expression for any space.</p>

2B	<p>Spatial Explorations through connections</p> <p>The design studio explores the connection between user and architect and investigates the impact of social, economic and physical environment, climate of the place, materials and methods of construction on spatial construct in any given setting. These explorations help students to connect our past, present and future architecturally and develop a deeper sensitivity towards different cultures through:</p> <p>(a) Understanding the Self – In online mode of teaching, students documented their own houses to understand the contrast and similarities between urban and rural context.</p> <p>(b) Kitchen Design – A dream kitchen for anyone known to student who loves to cook.</p> <p>(c) House Design - The client for each student is based on students' hobbies.</p>
2C	<p>ARCHITECTURAL DESIGN STUDIO IV, THEME: SITE AND CONTEXT</p> <p>The focus of this Architectural Studio was on sensitive site selection, planning and design of sustainable social utility buildings which are responsive to site context. Each of the selected sites had a unique set of Geographical, Climatic, Biological, Historical &amp; Cultural attributes that offered varied opportunities and constraints for site planning. Careful analysis and systematic evaluation of these onsite &amp; offsite factors helped in creating functional and sustainable built spaces for development of climate resilient neighbourhoods and communities. The studio initiated with the study of the five major Climatic Zones of India as a group study followed by a selection of a site within the proximity of a historical precinct. The site selected had to cater to the neighbourhood communities with development of a group of built and open spaces for any one of the following social utility functions namely:</p> <ol style="list-style-type: none"> <li>1. Primary School</li> <li>2. Community Centre</li> <li>3. Primary Health Care Centre</li> <li>4. Local Tourist Home</li> </ol>
2C 3rd Semester	<p>The Design Studio was conceived to facilitate understanding of the Social, Cultural, Physical as well as Structural aspects of a building, so that the Architectural outcome becomes a true integrative experience rather than an isolated act of creation. Thus, the focus of design Studio was to identify user needs and translate them into a program; and to use this program to manifest user needs in a design in terms of space, materials and construction methodology that is appropriate in a particular context. Design Projects:</p> <ol style="list-style-type: none"> <li>1. "A Home for Future" as a home with altered meanings in context of Covid pandemic</li> <li>2. Analytical Study of Vernacular Architecture across the World</li> </ol>

4 Year Section C	<p>ARCHITECTURAL DESIGN STUDIO VII, THEME: HOUSING</p> <p>The focus of this Housing Studio is on Smart Housing as an intelligent building design development that is highly interrelated with Sustainability issues. The students initially will work in groups to understand the typologies, case studies, site selection and site analysis. Followed by Concept Development based on Market Research, Individual Design Product Mix Selection based on Market Trends, Developer Strategies and Design Development Stages concluding with a Final Housing Design Proposal. Successful Workable Housing Proposals will be developed under all Housing Typologies individually in detail by the students under the guidance of full time &amp; visiting faculty. In order to explore the various User Classifications, Climates and Terrains, Following Typology of Housing Projects will be offered to the students: Affordable EWS Housing in Greater Noida Mixed Development Group Housing in Dehradun/Bhimtal Incremental Housing in Jaipur Recreational Beach Villas /Holiday Homes in Goa/Bhimtal Skyscraper Housing at New Delhi</p>
3C Semester 5	<p>Architectural DESIGN Studio V</p> <p>THE STUDIO FOCUSED ON site planning sustainability issue from the point of site planning ,building design and Detail. For this purposes the part of competition for institutional design project titled center of excellence at Hyderabad was taken as a studio projects. the components included exposition hall auditorium, academic block, recreational spaces , library , canteen and administration along with the guest house. the projetct challenged was to developed design solution that address the climatic concerns, spatial issues, structural systems and site contours.</p>
3rd 6 Semester	<p>Architectural DESIGN Studio VI THE CURRICULUM Mandadit the design of highrise buildings with consiteration for energy efficiancy ,spatial effcaianty and intigration with stucture and services. A mix use live project in gurgoan was taken as the studio design problem. various studies including site anlysis ,case studies , climate studies , volume mix metric</p>

### 8. List of Thesis Topics

S.No	Roll No	Name	Title	Thesis Guide 1	Thesis Guide 2
1	A/2899/2016	Aman Sahu	Kashitva : City Interpretation Center, Varanasi	Mr. Sambuddha Sen	Mr. Sushil Agarwal
2	A/2897/2016	Abhishek Manraj	Socio Cultural Art Centre, Twin District Centre, Rohini, New Delhi	Mr. Sambuddha Sen	Mr. Sushil Agarwal

3	A/2916/2016	E S Shruthi Siva	Little Steps': An Inclusive School, Sriperumbadur, Tamil Nadu	Mr. Sambuddha Sen	Mr. Sushil Agarwal
4	A/2918/2016	Gayatri Jain	Mixed-used Cruise Terminal, Mormugao, Goa	Mr. Sambuddha Sen	Mr. Sushil Agarwal
5	A/2958/2016	Palak Verma	Sultan Garhi Cultural and Recreational Hub	Mr. Sambuddha Sen	Mr. Sushil Agarwal
6	A/2965/2016	Purna Singh	Arrival City : Migration Facilitation Hub	Mr. Sambuddha Sen	Mr. Sushil Agarwal
7	A/2966/2016	Raghav Mathankar	Chhattisgarh Vidhan Sabha, Naya Raipur	Mr. Sambuddha Sen	Mr. Sushil Agarwal
8	A/2973/2016	Santrupthy Das	The Dialogical Milieu: In situ Slum Rehabilitation of Mohammadpur Slum	Mr. Sambuddha Sen	Mr. Sushil Agarwal
9	A/2991/2016	Tanya Sahdev	Shelter Beyond Structure: Redevelopment of the Nirmal Chhaya Complex	Mr. Sambuddha Sen	Mr. Sushil Agarwal
10	A/2997/2016	Vibhuti Kathpalia	Retirement Hub: Mixed-use Senior Living, Dwarka	Mr. Sambuddha Sen	Mr. Sushil Agarwal
11	A/2896/2016	Abhishek Anand	Sustainable & Green Hospital (375 Bedded District Hospital, Dwarka)	Dr. Mandeep Singh	Mr. Amit Bahl
12	A/2903/2016	Anurag Saini	Stilted Community	Dr. Mandeep Singh	Mr. Amit Bahl
13	A/2813/2015	Guntuku Hari Prasad	Amaravati International Cricket Stadium (AICS)	Dr. Mandeep Singh	Mr. Amit Bahl
14	A/2921/2016	Himalaya Keswani	Revival of Cultural & Social Heritage of Ajmer - A socio-cultural tourist hub in the heart of Rajasthan	Dr. Mandeep Singh	Mr. Amit Bahl
15	A/2923/2016	Himanshu	Riverfront cultural centre, Kanpur Uttar Pradesh	Dr. Mandeep Singh	Mr. Amit Bahl
16	A/2932/2016	Ashwith Koyyala	IT Hub - reDefining IT Spaces, Chimbel - Goa	Dr. Mandeep Singh	Mr. Amit Bahl

17	A/2934/2016	Kshetrimayum Dhanraj Singh	Khwairamband Keithel : Market Redevelopment, Imphal, Manipur	Dr. Mandeep Singh	Mr. Amit Bahl
18	A/2837/2015	Megha Narula	Redevelopment of Patna Junction Railway Station, Patna	Dr. Mandeep Singh	Mr. Amit Bahl
19	A/2961/2016	Parul Nayar	Reimagining Ageing: Mixed-use Senior Living Community, Dwarka	Dr. Mandeep Singh	Mr. Amit Bahl
20	A/2962/2016	Pavani Gupta	Digital Habitat: Live, Work, Learn & Play, Gurugram, Haryana	Dr. Mandeep Singh	Mr. Amit Bahl
21	A/2979/2016	Shraddha Malhotra	Third Place : Binding Communities - Community Place Design, Punjabi Bagh, Delhi	Dr. Mandeep Singh	Mr. Amit Bahl
22	A/2881/2015	Tanmay Karan	Museum of Architecture in Post Independence India, Chandigarh	Dr. Mandeep Singh	Mr. Amit Bahl
23	A/2909/2016	Ayushi Saxena	Contemporary Expression of Tradition- International Convention Centre, Jodhpur	Dr. Aruna R Grover	Prof. Satish Khanna
24	A/2911/2016	Bharati Gupta	ArTreat: An Artist's Hub, Vasant Kunj	Dr. Aruna R Grover	Prof. Satish Khanna
25	A/2915/2016	Emily Lalhminghlui	Modernity in Tradition : Reflection on Music Centre, Mizoram	Dr. Aruna R Grover	Prof. Satish Khanna
26	A/2927/2016	Jigme Ngedup	National Service Academy, Sarpang, Bhutan	Dr. Aruna R Grover	Prof. Satish Khanna
27	A/2967/2016	Rajdeep Sutradhar	Multimodal Transit Hub, Pune, Maharashtra	Dr. Aruna R Grover	Prof. Satish Khanna
28	A/2978/2016	Shivani Badola	Expression of culture through architecture: performing arts center, gurugram sector 53	Dr. Aruna R Grover	Prof. Satish Khanna
29	A/2980/2016	Shruti Misra	Wellness community for Seniors: Senior Living in Varanasi, Uttar Pradesh	Dr. Aruna R Grover	Prof. Satish Khanna



30	A/2996/2016	Varad Singhal	Energy Efficient Commercial Hub, Dwarka	Dr. Aruna R Grover	Prof. Satish Khanna
31	A/2894/2016	Abhay Singh Saini	Queer Community Center and Transitional Housing, Lado Sarai, New Delhi	Dr. Ranjana Mital	Mr. Sandip Kumar
32	A/2680/2014	Arnab Swargiary	Organic retreat : A campsite resort, Dirang, Arunachal Pradesh	Dr. Ranjana Mital	Mr. Sandip Kumar
33	A/2912/2016	Daddera Suraj Suresh	Agra Museum, Agra	Dr. Ranjana Mital	Mr. Sandip Kumar
34	A/2810/2015	Gannamaneni Sai Manaswini	Bharosa: Support Centre for Women and Children, Hyderabad	Dr. Ranjana Mital	Mr. Sandip Kumar
35	A/2827/2015	Madhan Kumar K	[Re]claiming connectivity: Adaptive reuse of Indraprastha power station	Dr. Ranjana Mital	Mr. Sandip Kumar
36	A/2945/2016	Mugdha Rastogi	Line of Light: Light Museum and Energy Centre, Bangalore	Dr. Ranjana Mital	Mr. Sandip Kumar
37	A/2950/2016	Nagubilli Greeshmika	Reinterpretation of Dr.B.R Ambedkar University for Inclusivity, Etcherla, Srikakulam, Andhra Pradesh	Dr. Ranjana Mital	Mr. Sandip Kumar
38	A/2951/2016	Nancy	Karna Nagri: A Tourism Centre, Karnal, Haryana	Dr. Ranjana Mital	Mr. Sandip Kumar
39	A/2862/2015	S.Venkatesh	Museum of knowledge, Capitol Complex, Chandigarh	Dr. Ranjana Mital	Mr. Sandip Kumar
40	A/2982/2016	Shubhi Goyal	Re-interpreting Kathmandu: A Test Case for a Mixed Use Development in the Upcoming New Town	Dr. Ranjana Mital	Mr. Sandip Kumar
41	A/2999/2016	Vignesh S Pillai	Waterfront Artists' Hub at Willingdon Island, Kochi	Dr. Ranjana Mital	Mr. Sandip Kumar
42	A/2890/2016	A S Saaral	Vertical Eco Society : Urban agriculture integrated mixed use development, Rohini sec-18	Mr Rajeev Agarwal	Mr. Suneet Mohindru

43	A/2892/2016	Aanchal Khandelwal	International Center for Public Interest, Jaipur	Mr Rajeev Agarwal	Mr. Suneet Mohindru
44	A/2902/2016	Anu Goyal	Orphanage Design, Kirtipur, Nepal	Mr Rajeev Agarwal	Mr. Suneet Mohindru
45	A/2917/2016	Gargi Gambhir	University Architecture- Designing a Campus for Ambedkar University, Delhi	Mr Rajeev Agarwal	Mr. Suneet Mohindru
46	A/2924/2016	Hritvik Sahu	Vertical City - Mixed use skyscraper, Noida	Mr Rajeev Agarwal	Mr. Suneet Mohindru
47	A/2818/2015	Janhabi Seth	City Centre, Dwarka sector 11, Delhi	Mr Rajeev Agarwal	Mr. Suneet Mohindru
48	A/2926/2016	Jayanaveena P	Plug and Play Matrix : Coliving and coworking vertical ecosystem for millennials, Noida Sector 94	Mr Rajeev Agarwal	Mr. Suneet Mohindru
49	A/2933/2016	Kritiika Anand	Extension of The Bhau Daji Lad Museum	Mr Rajeev Agarwal	Mr. Suneet Mohindru
50	A/2839/2015	Migom Doley	Guwahati Sports Village: Centre of Excellence for Olympic Sports, Guwahati	Mr Rajeev Agarwal	Mr. Suneet Mohindru
51	A/2957/2016	Oorja Arora	StuDwell: Students' Housing at Sector 38, Chandigarh	Mr Rajeev Agarwal	Mr. Suneet Mohindru
52	A/2987/2016	Souparna Chanak	New Media Art Museum, New Town Rajarhat	Mr Rajeev Agarwal	Mr. Suneet Mohindru
53	A/2893/2016	Aarushi Sharma	Socio-Cultural Center at Gurugram, Haryana	Prof. Manoj Mathur	Mr. Shiriesh Malpani
54	A/2898/2016	Amala Babu	Permanent Refuge: A Disaster Resilient Mixed Housing Redevelopment, Chellanam, Kerala	Prof. Manoj Mathur	Mr. Shiriesh Malpani
55	A/2900/2016	Anandita Kaur Narula	South Asian Design Arts and Technology Kendra, Vasant Kunj Delhi	Prof. Manoj Mathur	Mr. Shiriesh Malpani
56	A/2910/2016	B Kiruthika	Goubert Market redevelopment, Puducherry	Prof. Manoj Mathur	Mr. Shiriesh Malpani
57	A/2919/2016	Gurrapu Sada Shiva Shafi	Bus Terminal complex, Hanamkonda, Warangal	Prof. Manoj Mathur	Mr. Shiriesh Malpani
58	A/2964/2016	Pragya Kher	Center for Folk art and heritage, Amritsar	Prof. Manoj Mathur	Mr. Shiriesh Malpani

59	A/2971/2016	Ruthwik Sai Busam	Kalabharathi Cultural Center at Hyderabad, Telangana	Prof. Manoj Mathur	Mr. Shiriesh Malpani
60	A/2864/2015	Sarvesh Kumar Maurya	Design for Disassembly: A Socio-Cultural Centre in Rohini Sector-10 Delhi	Prof. Manoj Mathur	Mr. Shiriesh Malpani
61	A/2744/2014	Sayfu Shayir A J	Global Ayurveda Village, Trivandrum	Prof. Manoj Mathur	Mr. Shiriesh Malpani
62	A/2885/2015	Vanya Jain	Central Market Redevelopment, Sarojini Nagar, Delhi	Prof. Manoj Mathur	Mr. Shiriesh Malpani
63	A/2774/2014	Vivek Jain	Learning And Entertainment Space, IIT Jodhpur	Prof. Manoj Mathur	Mr. Shiriesh Malpani
64	A/2901/2016	Aniket Verma	National Institute of Fashion technology, Panchkula (Haryana)	Prof. Moti Lal Bahri	Mr. Rahul Sen
65	A/2904/2016	Ashish Aggarwal	Affordable Housing, Janakpuri, New Delhi	Prof. Moti Lal Bahri	Mr. Rahul Sen
66	A/2913/2016	Disha Garg	Sub-district centre at Hari Nagar, Delhi	Prof. Moti Lal Bahri	Mr. Rahul Sen
67	A/2920/2016	Harsh Bhati	National Museum of Architecture, Delhi	Prof. Moti Lal Bahri	Mr. Rahul Sen
68	A/2928/2016	Kajal Aggarwal	Centre for Community Development: Community centre, Punjabi Bagh, New Delhi	Prof. Moti Lal Bahri	Mr. Rahul Sen
69	A/2939/2016	Mansanjam Kaur	Mixed use Convention centre, IT city, Mohali, Punjab	Prof. Moti Lal Bahri	Mr. Rahul Sen
70	A/2941/2016	Milind Karsoliya	National Institute of Fashion Technology, Bhopal	Prof. Moti Lal Bahri	Mr. Rahul Sen
71	A/2948/2016	Muskan Garg	Indian Institute of Crafts and Design, Jaipur	Prof. Moti Lal Bahri	Mr. Rahul Sen
72	A/2949/2016	Nabh Hirwani	Business Centre Redevelopment, Gunj Mandi, Raipur	Prof. Moti Lal Bahri	Mr. Rahul Sen
73	A/2960/2016	Paraz Sonowal	Srimanta Sankardev Museum, Guwahati	Prof. Moti Lal Bahri	Mr. Rahul Sen
74	A/2968/2016	Rajita Jain	Cultural Complex, Gurugram Sector 53	Prof. Moti Lal Bahri	Mr. Rahul Sen
75	A/2786/2015	Adyathan Dasyapu	AVGC Incubation center for multimedia startups, Hyderabad, Telangana	Dr. Jaya Kumar	Ms. Tanuja BK

76	A/2931/2016	Kathula Ankith	Telangana Cultural Centre, Hyderabad, Telangana	Dr. Jaya Kumar	Ms. Tanuja BK
77	A/2935/2016	Kutcherlapati Jayanth Varma	The School - KFI, Visakhapatnam, Andhra Pradesh	Dr. Jaya Kumar	Ms. Tanuja BK
78	A/2937/2016	Maddi Vamsi Krishna	Convention centre at Visakhapatnam, Andhra Pradesh	Dr. Jaya Kumar	Ms. Tanuja BK
79	A/2959/2016	Paras Girdhar	Redevelopment of Housing Colony, AIIMS West Campus, Ansari Nagar	Dr. Jaya Kumar	Ms. Tanuja BK
80	A/2970/2016	Rohin Sikka	Re-imagining Museum Spaces : National Museum of Natural History, New Delhi	Dr. Jaya Kumar	Ms. Tanuja BK
81	A/2972/2016	Sanjal Maru	Malwa Textile Museum and Cultural Centre, Indore	Dr. Jaya Kumar	Ms. Tanuja BK
82	A/2868/2015	Shamim Ahmad	Swadesh Darshan - A Cultural Interpretation Centre, Bodhgaya	Dr. Jaya Kumar	Ms. Tanuja BK
83	A/2889/2015	Yatharth Gupta	Cultural Center at Man Sagar Lake, Jaipur	Dr. Jaya Kumar	Ms. Tanuja BK
84	A/2906/2016	Ashwini Kumar	Socio- Cultural Centre, Sector 10, Rohini, New Delhi	Dr. Amit Hajela	Mr. Rajesh Dongre
85	A/2806/2015	Divyank Raj	Football stadium, Dehradun	Dr. Amit Hajela	Mr. Rajesh Dongre
86	A/2938/2016	Mani Kumar Chhetri	150 Bedded Regional Referral Hospital, Bumthang, Bhutan	Dr. Amit Hajela	Mr. Rajesh Dongre
87	A/2943/2016	Mohammad Lukman Khan	National Institute of Fashion Technology, Bareilly	Dr. Amit Hajela	Mr. Rajesh Dongre
88	A/2944/2016	Mondal Devjane	Indian Institute of Management, Nagpur, Maharashtra: Designing campuses for the 21st century	Dr. Amit Hajela	Mr. Rajesh Dongre
89	A/2841/2015	N M Aravindh	Bridging Binaries: A Commercial Mixed Use Development , Connaught Place , New Delhi.	Dr. Amit Hajela	Mr. Rajesh Dongre
90	A/2956/2016	Noeen Fatma	Centre for Promotion of Local Crafts and Culture, Balaghat, MP.	Dr. Amit Hajela	Mr. Rajesh Dongre

91	A/2850/2015	Pankaj Kumar	Sainik School Amethi UP	Dr. Amit Hajela	Mr. Rajesh Dongre
92	A/2984/2016	Simar Paul	OldAge Home & Orphanage : Towards a symbiotic environment, Faridabad	Dr. Amit Hajela	Mr. Rajesh Dongre
93	A/2986/2016	Smriti Guglani	Re-imagining Cancer care- A 200 bedded Oncology Hospital with a 100 bedded Rehabilitation and Hospice Center in Chandigarh	Dr. Amit Hajela	Mr. Rajesh Dongre
94	A/2768/2014	Uddipta Kumar Boruah	World Trade Centre, Guwahati, Assam	Dr. Amit Hajela	Mr. Rajesh Dongre
95	A/3000/2016	Wahaj Akhtar Abedeen	Resilient & Antifragile Architecture: A 200 bedded Green Healthcare Architecture, Dwarka Sector-9, New Delhi	Dr. Amit Hajela	Mr. Rajesh Dongre
96	A/2668/2014	Abrar Ahmed Zargar	Eco resort at Shey, Ladakh.	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
97	A/2925/2016	Jahanvi Nahata	Sanghiya Sansad Bhawan, Nepal	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
98	A/2823/2015	Kumar Shivam	Eco Retreat Hub, Gopalpur, Odisha	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
99	A/2835/2015	Md Tausif Alam	5-Star Hotel, Patna Bihar	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
100	A/2714/2014	Monu Kumar	Mithila Kala Kendra, Saurath, Madhubani, Bihar	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
101	A/2840/2015	Mukul Verma	MotorSport Retreat, Buddh International Circuit, Greater Noida	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
102	A/2954/2016	Namitha Niji	Thekkumbad Cultural Village, Kannur, Kerala	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
103	A/2976/2016	Sheena Jain	Tourism Facility, Mansagar Lakefront, Jaipur	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
104	A/2977/2016	Shiba Das	Bagdogra International Airport, Bagdogra, West Bengal, India	Mr. Rahoul B Singh	Mr. Vaibhav Dimri
105	A/2994/2016	Vaibhav Saini	Cultural and Exhibition Center, Sabarmati Riverfront, Ahmedabad, India	Mr. Rahoul B Singh	Mr. Vaibhav Dimri

106	A/3005/2016	Yugaank Farigh	Spirituality through Architecture - Meditation Centre, Ahmedabad, Gujarat	Mr. Rahoul B Singh	Mr.Vaibhav Dimri
-----	-------------	----------------	---	--------------------	------------------

### 9. Details of the Ph.D Thesis Topics

S. No	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide
1	2016-2017	Mr. Atul Kumar Singla	Optimal Resource Planning for University Design	Prof. Manoj Mathur
2.	2016-17	Ms. Suruchi Modi	Evaluating the social sustainability of residential high rises from the perspective of raising children	Prof. Dr.Mandeep Singh
3.	2016-17	Mr. Khushal Matai	Environmental Impact of Solar Photovoltaics Installation/Integration on Urban Heat Island Effect and Strategies for Mitigation	Dr. Shweta Manchanda
4.	2018-2019	Ms.Shruti Sharad Nagdeve	Impact of Vertical Green Facades on Indoor Thermal & Visual Comfort Parameters: Field Studies in Composite climate of India.	Prof.Dr.Anil Dewan Co-Guide Dr Shweta Manchanda

### 10. Details of Research Projects

S. No.	Name of the Project	Sponsored /Funded by	Project Team	Project Coordinator
1	Developed the Structure & Modules for Training Programme on Energy Efficient Buildings	MoHUA	Prof. Dr. P.S. N. Rao & Prof.Dr. Bandana Jha	Prof. Dr. Bandana Jha
2	Design Pedagogy in the Age of Climate Change	Self	NIL	Dr. Leon Angelo Morenas

3	CREST-Climate Resilient, Energy Secure and healthy built environment	British Council		Shweta Manchanda
4	Tribals of Pir Panjal- People and Dwellings Research leading to publication June 2019- current	Multiple funders (Investigating Design, Sonam Wangchuk and others) Now, self-funded	Sumairha M Choudhary Razia Sultan Shipra Verma Laksmi C Reddy Girisha Sethi	Parul Kiri Roy Anjali Mittal
5	GCRF Development Award: Heritage Borders of Engagement Network (ENGAGE) in collaboration with Nottingham Trent University, UK	Arts and Humanities Research Council, UKRI, UK	Nishant Gautam, Nimit Gandhi Shaista Perveen	Anjali Mittal (COI)
6	Shaping the Modern: Architectural Cultures and Critique in Late-colonial India (1913—c.1948), PhD Research project	Commonwealth Scholarships Commission in the UK	Self	Saptarshi Sanyal
7	Behavioral response of Autistic children to design interventions	Academy of Neuroscience for Architecture	Co investigator- Dr. Jayaprakash R	First author- Arathy Gopal
8	Visiting PhD scholar with fellowship	NTNU, Trondheim in Norway	Guides- Dr. Mandeep Singh and Dr. Mayank Mathur	First author- Arathy Gopal

#### 11. Details of Consultancy Projects

S.No.	Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
1	Tributan University	Dean of Tributan University	Prof. Anil Dewan	Prof. Anil Dewan
2	CNG crematorium building	Delhi Cantonment board	Prof. Anil Dewan	Prof. Anil Dewan
3	Advisory consultancy/peer review for PFDR office complex	Naroji Nagar, Delhi	Prof. Anil Dewan	Prof. Anil Dewan
4	Advisory committee for Sports University project	Govt of Uttar Pradesh	Prof. Anil Dewan	Prof. Anil Dewan
5	Upgradation of	Delhi	Prof. Anil Dewan	Prof. Anil Dewan

	Cantonment General Hospital	Cantonment Board	Dewan	
6	Preparation of design manual for Civil works, RCH program	World Bank and MoH&FW	Prof. Anil Dewan	Prof. Anil Dewan
7	Preparation of DPR for extension of campus at sector-62,Noida	Indian Academy of Highway Engineers	Prof. (Dr) Aruna Ramani Grover	Prof. (Dr.) Aruna Ramani Grover
8	Extension to Chitrakoot Guest House at Delhi Cantonment	Delhi Cantonment Board	Prof. (Dr) Aruna Ramani Grover	Prof. (Dr) Aruna Ramani Grover
9	City Centre Phase II at Delhi Cantonment	Delhi Cantonment Board	Prof. (Dr) Aruna Ramani Grover	Prof. (Dr) Aruna Ramani Grover
10	Airport Support Services Centre at Delhi Cantonment	Delhi Cantonment Board	Prof. (Dr) Aruna Ramani Grover	Prof. (Dr) Aruna Ramani Grover
11	Review of Civil and Electrical works at Southern Regional Office at Chennai	Competition Commission of India	Prof. (Dr) Aruna Ramani Grover	Prof. (Dr) Aruna Ramani Grover
12	GRIHA certification for Classroom Complex under RUSA Grants at DCRUST, Murthal, Sonapat, Haryana	Concept Planners International, New Delhi	Prof. (Dr) Chitrarekha Kabre	Prof. (Dr) Chitrarekha Kabre
13	GRIHA certification for Architecture Block at DCRUST, Murthal, Sonapat, Haryana	Planners Group, Chandigarh	Prof. (Dr) Chitrarekha Kabre	Prof. (Dr) Chitrarekha Kabre
14	GRIHA certification for Green Gas Limited Office Building, Lucknow	Concept Planners International, New Delhi	Prof. (Dr) Chitrarekha Kabre	Prof. (Dr) Chitrarekha Kabre
15	Model Crematorium at Birmitrapur	Birmitrapur Municipality	Dr.Shuvojit Sarkar	Dr. Shuvojit Sarkar
16	Model Crematorium at Rajgangpur	Rajgangpur Municipality	Dr.Shuvojit Sarkar	Dr. Shuvojit Sarkar
17	Master Plan of Sundargarh Town	District Mineral Foundation	Dr.P.S.N.Rao & Dr.Shuvojit Sarkar	Dr. Shuvojit Sarkar
18	Master Plan of BirmitrapurTown	District Mineral Foundation	Dr.P.S.N.Rao & Dr.Shuvojit Sarkar	Dr.Shuvojit Sarkar
19	Master Plan of RajgangpurTown	District Mineral Foundation	Dr.P.S.N.Rao & Dr.Shuvojit Sarkar	Dr.Shuvojit Sarkar



20	Bus Terminal at Birmitrapur	Birmitrapur Municipality	Dr.Shuvojit Sarkar	Dr.Shuvojit Sarkar
21	Preparation of RFP for onboarding of O&M vendor for BVP,Dwarka	NBCC	Dr.P.S.N.Rao & Dr.Shuvojit Sarkar	Dr.Shuvojit Sarkar
22	Extension of Silver Oak School	Delhi Cantonment Board	Prabhjot Singh	Prabhjot Singh
23	Design of JCO Residence, Delhi Cantonment		Prabhjot Singh	Prabhjot Singh
24	Heritage Conservation and redevelopment of CAO of office, Kashmere Gate	Northern Railway	Prabhjot Singh	Prabhjot Singh

## 12. Details of Research Publications

### Anil Dewan

1. Dewan, A., Paul, A. M., Roy, A. P. R., & Agarwal, A. S. Reinforcing Contemporary Delhi for 2037.
2. Nagdeve, S. S, Manchanda. S, and Dewan. A (2019) 'Reimagining office building ' s facade post covid -a vertical green system way', 23(1), pp. 113–124.
3. Nagdeve, S. S, Manchanda. S, and Dewan. A (2020) 'Thermal performance evaluation of green living walls in composite climate', 8(4), pp. 8–16.
4. Nagdeve, S. S, Manchanda. S, and Dewan. A (2020) 'Green Facades: A Passive Sustainable Method for Reviving Culture in India', (978), pp. 106–110.
5. Gupta, N., Mathur, M., & Dewan, A. (2021). Estimating the relative importance of resilience indicators for large-scale hospital buildings to withstand hydrological disasters. *International Journal of Students' Research in Technology & Management*, 9(3), 24-33. <https://doi.org/10.18510/ijstrtm.2021.933>
6. Gupta, N., Mathur, M., & Dewan, A. (2021). Building Resilience into Apartment Housing: Lessons from Community Action during Pandemic. *Journal of the Institution of Architects*, ISSN-0019-4913, August 2021
7. Gupta, N., Mathur, M., & Dewan, A. (2021). Identification of resilience attributes for hospital building design in case of natural disasters: a systematic review. *International Journal of Architecture and Infrastructure Planning*, eISSN: 2456-0154 (Publishing due in December 2021)
8. Gupta, N., Mathur, M., & Dewan, A. (2021). Resilience Indicators for Barrier-Free Design of Hospital Buildings in Multi-Disaster Scenario: A Cross-Sectional Study. 'Design for All' journal (ISSN 2582-8304).
9. Raja Singh; Anil Dewan. (n.d.). Using global research on Ventilation and Airborne Infection Control for impacting Public Policy through Indian Judiciary. *Indoor and Built Environment*, Accepted for Publication. [Blind Peer Reviewed-SCIE and Scopus]
10. Singh, Raja & Dewan, Anil. (2022). Air conditioners, airborne infection prevention and air pollution in buildings in New Delhi. *International Journal of Tuberculosis and Lung Diseases*. <http://dx.doi.org/10.5588/ijtld.21.0704>

- [Blind Peer Reviewed- SCIE and Scopus]
11. Singh, Raja, & Dewan, Anil. (2020). Low Cost tool for finding ventilation rates for Airborne Infection Control in the Built Environment. 16th Conference of the International Society of Indoor Air Quality & Climate (p. Online). Seoul, South Korea: International Society of Indoor Air Quality and Climate.  
[Blind Peer Reviewed-Scopus]
  12. Singh R, Dewan A. Bioaerosol Spread of COVID-19 and TB in Air Conditioned Spaces: How the Court Spearheaded the Movement in India. *Journal of Communicable Diseases=Special Issue - COVID-19 & Other Communicable Disease*. 2022;1-7.  
[Blind Peer Reviewed-Scopus]
  13. Singh, R., & Dewan, A. (2022). Openability of windows and presence of wire mesh in residences in a New Delhi neighbourhood as a factor of dilution ventilation required for prevention of airborne diseases and vector borne diseases. *Cities & Health*. <https://doi.org/10.1080/23748834.2022.2036003>. [Blind Peer Reviewed-Taylor & Francis]
  14. Singh, Raja, & Dewan, Anil. (2020). Natural Ventilation as a Key Airborne Infection Control Measure for Tuberculosis Care Facilities: A Review. *TEKTON: A Journal of Architecture, Urban Design and Planning*, 08-17. [Blind Peer Reviewed]
  15. Singh, Raja, & Dewan, Anil. (2020). Rethinking Use of Individual Room Air-conditioners in View of COVID-19. *Creative Space*, 8(1), 15-20. <https://doi.org/10.15415/cs.2020.81002>. [Blind Peer Reviewed]
  16. Singh, Raja, & Dewan, Anil. (2019). Airborne Disease Spread in High Rise Buildings due to reliance on Mechanical Ventilation: A Review, Dec '19, 144-147, *Proceedings of Seminar on High Rise buildings*. [https://cpwd.gov.in/Publication/Compendium\\_of\\_High\\_Rise\\_Buildings\\_December\\_2019.pdf](https://cpwd.gov.in/Publication/Compendium_of_High_Rise_Buildings_December_2019.pdf)  
[Editor Reviewed]
  17. Singh, R., & Dewan, A. (2022). A relook at the ventilation measurement method and the correlation to the occurrence of Tuberculosis: A response to a published article.
  18. Singh, Raja, & Dewan, Anil. (2020), Urban Transport and Safety against Airborne Disease, January 2020, II(7), 63, *Urban Transport News*. ISSN: 2581-8023 [Editor Reviewed]
  19. Singh, Raja, & Dewan, Anil. (2020), Balancing Thermal Comfort, Energy Efficiency, Infection Control and Air Pollution, 6(7), 167-170, *Shashwat-GRIHA Council*, ISSN: 2881-9291  
[Editor Reviewed]
  20. Singh, R., & Dewan, A. (2021, April 4). COVID-19: Buildings Can Help Beat Back Airborne Diseases. *The Wire Science*. <https://science.thewire.in/health/covid-19-buildings-can-help-beat-back-airborne-diseases/>[Editor Reviewed-Online Newspaper]
  21. Garg, A., & Dewan, A. (2022). *Manual of Hospital Planning and Designing* Springer, Singapore.

### **Aruna Ramani Grover**

1. Editor and Mentor of Redevelopment of Community Centre Precincts, New Delhi. (176 pages), 9 best student works of Architectural Design of Semester 09 of 2019-2020 batch, Published by School of Planning and Architecture, New Delhi & Copal Publications, New Delhi

### **Jaya Kumar**

1. Tandon Rashmi Baluja Co-Author : Hajela Amit, Kumar Jaya, An Approach Towards Total Quality In Architecture Education, The 3rd International Conference on Future of Education 2020
2. Gayen Priyanka, Hajela Amit, Kumar Jaya, Values of Modern architectural heritage of India: The cultural significance, National Conference - CIMA2020 on Cultural Identities : Manifestation through Architecture - Published - ISBN No. 978-93-81131-03-9
3. Gayen Priyanka, Hajela Amit, Kumar Jaya, "An Approach for assessing the Modern Architectural Heritage of India", International Conference –CAH –Conservation of Architectural Heritage, organised by IEREK, 10th Feb, 2021: ISSN 2522-8714- Scopus Indexed - Paper under revision.
4. Gayen Priyanka, Hajela Amit, Kumar Jaya, "Determining the Heritage value of modern public spaces", Journal – Urban Design International, Paper under review, 2021 - Scopus Indexed.

### **Jyoti Pandey Sharma**

1. Sharma, JP, Journal; *Landscape History* 42:2 doi: 10.1080/01433768.2021.1999017, From a Mughal Bagh to a Colonial Archaeological Garden to a UNESCO World Heritage Property and everything else in between: the many lives of Badshah Shahjahan's Hayat Baksh Bagh, pp.99-124.
2. Sharma, JP, Creators of a syncretic legacy: monuments, mausoleums, forts and cities Qutub Minar and its Monuments; Delhi: Historic City of Ahmadabad; Humayun's Tomb, Delhi; Red Fort Complex, Edited Multi Author Volume; Inde: Tresors du Patrimoine Mondial Eds. Vinaysheel Oberoi and Shikha Jain UNESCO Paris ISSN 9789232002488 Introductory Chapter Co-authored with Amita Beg and Shikha Jain Sites authored as sole author.
3. Sharma, JP., Maharaja Jagatjit Singh: Kapurthala State's Modern, Sikh ruler and his Culturally Eclectic Architectural Enterprise **Edited Multi Author Volume: Sikh Architecture** Ed. S Bahga, Peer Reviewed, Sole Author By Invitation.
4. *Sharma, JP., Darya Ek, Shahar Anek* (one river, many cities): Examining the Water Urbanism in the Delhi Triangle as a Cultural Asset Edited Multi Author Volume: Waterfront South Asia Ed. Mahbub Rahman, Peer Reviewed, Sole Author by Invitation.
5. Sharma, JP., Colonialism, Uprising and the Urban Transformation of Nineteenth-Century Delhi, **Book:** Academic Monograph Series titled *Routledge Research in Architectural*

*History*, Routledge Taylor and Francis, U.K, Peer Reviewed, Sole Author Manuscript submitted.

### **Chitrarekha Kabre**

1. Malcoti, M. D., Zia, H. and Kabre, C. (2022) Impact of Urbanisation on Land Use Land Cover Change and Land Surface Temperature in a Satellite Town, Chapter 19 in Application of Geospatial Technology and Artificial Intelligence in Urban Studies, Springer Nature.
2. Kabre, C., and Tyagi, K. (2022) Understanding Energy Conservation Measures (ECMs) in the Climate Context of India using ECBC-R, Journal of the Indian Institute of Architects, February Vol. 87(2), ISSN-0019-4913  
[https://indianinstituteofarchitects.com/pdf/jiaa/2022/Feb\\_2022.pdf](https://indianinstituteofarchitects.com/pdf/jiaa/2022/Feb_2022.pdf)

### **Bandana Jha**

1. Jha Bandana, "Global Energy Efficiency Benchmarks for Buildings", Journal of Indian Institute of Architects, (2015) ISSN-0019-4913, Vol.80, Issue 01, pp 35-42
2. Jha B., Bhattacharjee B., "Retrofitting Building Roof for Energy Efficiency". Journal of Proceedings of 71st RILEM and International Conference on Advances in Construction Materials and Systems. (2017) ISBN: 978-2-35158-194-0. Vol. 4, pp709-718
3. Jha B., Bhattacharjee B., "Tool for Energy Efficient Building Envelope Retrofitting". Paper presented at International Building Performance Simulation Association Conference and SimBuild co-organized by ASHRAE and IBPSA-USA at Chicago USA, pp1-8. (2018). ISSN (2574-6308). Scopus Indexed
4. D. Jain, B. Jha, E. Singh, R. Ashtt., "Evaluation of Measuring Criteria for the Success of Transit Oriented Development." Solid State Technology Vol.63. Issue (3) (Dec 2020): ISBN 4147- 4159.2.
5. Jain, D., Jha, B., Singh, E., and Ashtt, R. (2021). "A Systematic Process for the Evaluation of Successful Application of TOD in Indian Cities". International Transaction Journal of Engineering, Management, Applied Sciences & Technologies, 12(11), 12A11H, 1-12. Web of Science. <https://doi.org/10.14456/ITJEMAST.2021.239>.
6. Deepshikha Jain 1 , Bandana Jha 2 , Ekta Singh 3 , Rashmi Ashtt4. "A Detailed Analysis of Transit Oriented Development for Sustainable Mobility in Indian Cities". EFFLATOUNIA - Multidisciplinary Journal. (2021) ISSN: 1110-8703. Vol.5. Issue 2, Pages: 1851 – 1866. Web of Science.
7. Jain, D., Jha, B., Singh, E., and Ashtt, R. "Understanding The Reform of Public Transit In India", Turkish Journal of Computer and Mathematics Education (TURCOMAT). (2021). Vol.12(No.13 (2021)):525-530
8. Jain, D., Jha, B., Singh, E., and Ashtt, R., "Evaluating Readiness for the Application of Tod as a Remedy for Healthy Indian Cities". (2021). Annals of the Romanian Society for Cell Biology. ISSN:1583-6258, Vol. 25, Issue 6, (2021), Pages. 7255 – 7262.
9. Goel, M., Jha, B. & Khan, S., "Living walls enhancing the urban realm: a review", Journal of Environmental Science and Pollution Research, Published by Springer Nature, (2022), ISSN: 1614-7499, s 29, 38715–38734. <https://doi.org/10.1007/s11356-022-19501-7> Scopus Indexed.

### **Shuvojit Sarkar**

1. Sarkar, Shuvojit, "Development of a Framework for Assessing Energy Efficiency of the Alternative Construction Techniques in the Housing Sector" in (Scopus indexed), ECS Transactions, 107 (1) 11215-11224 (2022).
2. Sarkar, Shuvojit, "Material Oriented Design Approach: A Paradigm shift in Form Generation" in Design for All'- a peer reviewed monthly journal ,ISSN:2582-8304, November 2021 Vol-16 No.-11.

### **Jatinder Kaur**

1. Kaur, Jatinder. (2021) Designing COVID-Resilient Homes, Shashwat Vol.7 (8), December 2021, pp 58-61, ISSN-2581-9291.
2. Kaur, Jatinder. (2022) Decision-Making Model for Energy Efficiency with Building Envelope design, ECS Transactions, 107 (1) 10449-10461, ISSN- 1938-5862.

### **Parul Kiri Roy**

1. Kiri Roy, Parul. (2022), *Kaccha-Pakka: An Enduring Binary Building Taxonomy, Spatial Production and Architectural Pedagogy (Extended Abstract)*, UrbanARC 2022, Beyond Binaries, Indian Institute of Human Settlements, January 2022. Conference Proceeding.
2. Kiri Roy, Parul and Sethi, Girisha (2021) Creative Learning and Practice (CLaP): Facilitating an experiential learning environment for children using art processes and products in space, *Paradigms of Creative Pedagogy*. Edited by Amrita Gupta Singh, Pub. Art1st Foundation, New Delhi. Book Chapter
3. Kiri Roy, Parul. (2022), Situating Space: Architectural Atmosphere and Lifeworlds in Kala Bhavana, *100 Years of Kala Bhavana- History, Idea and Open Practice. Edited by Amit Mukhopadhyay*. Pub.Lalit Kala Academy, Kolkata. Book Chapter (under publication)
4. Kiri Roy, Parul and Mumtaz, Sumairha. (2021), *Tribal Nomads of Pir Panjal: Moving about in the Himalayas*. Pub.Tribal Research Institute, Jammu and Kashmir. Edited Book (upcoming)
5. Kiri Roy, Parul. (2021), Dialectics of Home and Aesthetics of the Everyday, *Tribal Nomads of Pir Panjal: Moving about in the Himalayas*. Pub.Tribal Research Institute, Jammu and Kashmir. Book Chapter (upcoming)
6. Kiri Roy, Parul. (2021), Design in the Everyday, *Tribal Nomads of Pir Panjal: Moving about in the Himalayas*. Pub.Tribal Research Institute, Jammu and Kashmir. Book Chapter (upcoming)
7. Kiri Roy, Parul. (2021), Disruption in Diversity- Domination of the 'Pucca Makaan', National Conference Proceedings (Cultural Identities and Manifestations in Architecture, IGNC, VKA, New Delhi). March-Nov. 2020.ISBN No. 978-93-81131-03-9. Conference Proceeding
8. Kiri Roy, Parul. (2017), 'MANA Resort- Ranakpur, Rajasthan', Journal of Landscape Design, Issue 51. (ISSN 0975-0177). Journal article
9. Kiri Roy, Parul. (2016), 'Mud Architecture in Santiniketan- Chaiti, Shyamali and Black House', in 'Black House (Kalo Bari)', Visva Bharati Publications, Gratha Vibhaga, Kolkata (ISBN : 978-81-7522-622-7), pg.89-121) Book Chapter

10. Kiri Roy, Parul and Mittal, Anjali. (2015) 'Innovative Pedagogic Methods for Sensitization to Context', Special Issue, Journal of Indian Institute of Architects, Northern Chapter. Journal article
11. Kiri Roy, Parul 'Ornamentation and Calligraphy in pre-20th century India', INDIA: 'The Encyclopaedia of Asian Design', Bloomsbury Publishing Co. Ltd., UK (in process), 2015-16. Book Chapter

#### **Sunil Prasad Shrivastava**

1. Shrivastava, Sunil Prasad. Development of Cyclic Stress-Strain Curves for Modified Rat-Trap Bond Concrete Brick Masonry from Experimental Investigations. International Journal for Research in Applied Science & Engineering Technology, Vol.10 (vi) June, 2022.

#### **Aarti Nagpal**

1. "Role of People-Participation in Sustainable development at the local-level in the Indian context" International Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES) in Croatia, from Oct.10-15, 2021, 0881-18.

#### **Anjali Mittal**

1. Chapter titled (working title): " Placing Indigeneity in the economic geography of glass-bangle making in Firozabad in an edited volume on the architecture of plural lifeworlds by Routledge publishers. It is currently in the reviewing stage.

#### **Kandipilli Mehar Kumar**

1. Kandipilli Mehar Kumar, The Early Temple Architecture of Kakatiyas 2021, EPRA International Journal of Multidisciplinary Research (IJMR), 49-52. doi: 10.36713/epra7588.

#### **Ankit Kumar Singh**

1. A chronological exploration of initiatives in an Automobile Cluster : A case of Pithampur, India (Accepted for Publication) International Journal on: The Academic Research Community Publication ISSN : 2537-0154 SCOPUS 2021.
2. Safety of Elderly During Fire In High Rise Residential Buildings : A Global Comparision Of Various Building Codes And Standards Resilience & Liveable City Planning (RLCP 2020) ISBN:978-93- 90211-61- 6 Book Chapter 2021
3. Fire Evacuation of Elderly in High-Rise Residential Buildings in India Civil And Environmental Engineering eISSN :2199- 6512 SCOPUS/ ESCI 2022.
4. "Fire Safety Assessment for Older Adults in High-Rise Residential Buildings in India: A Comprehensive Study" International Journal of Building Pathology and Adaptation Accepted SCOPUS/ ESCI Publicat ion due in 2022
5. Exploration of Indigenous Residential Settlements in Response to Disasters: A Case of Assam Future is Urban : Liveability, Resilience and Resource Conservation, 978-1-032-37892-3 Routledge:Taylor and Francis Group2022

6. Indigenous Construction Systems of Hill Architecture: A Case of Chamba District: The 10th International Seminar on Vernacular Settlements : Re-Domestication of the World After the Pandemic: A Re-Visit to the Origins and Manifestations of Domesticity in Vernacular Settlements Proceedings School of Planning and Architecture Bhopal 2022.
7. A Comparative Analysis of Escape Route provisions for Elderly in High-Rise Residential Buildings : A case of Ahmedabad Future is Urban : Liveability, Resilience and Resource Conservation 978-1-032-37892-3 Routledge : Taylor and Francis Group 2022

## **12. Details of Membership in Committees/Editorial Boards/Any other**

### **Anil Dewan**

1. Panel Member Bureau of Indian Standards Preparation of Codes
2. Arbitrator, Delhi High Court Cases
3. Member, World Bank, New Delhi office Health Appraisal Mission
4. Member, Committee for development of course content/curriculum/syllabus
5. PGA Chandigarh National Institute of Hospital Engineering & Architecture
6. National Institute of Engineering and Architecture, Government of India
7. Member, National Institute for the empowering of people with multiple disabilities, Government of India
8. NIEPMD Chennai Government of India
9. National Advisor, IIT Rajasthan
10. Member, All India Institute of Medical Sciences Building and works committee
11. Member, Delhi Technological University, Building and works committee
12. Member, Central University of Rajasthan committee for selection of architect and campus planner
13. Member, Jamia Hamdard University Building and works committee
14. Member, Central University of Punjab committee for selection of architect and campus planner
15. Member, Selection committee for Architects for NACO Metro Blood Bank Project
16. Board of studies member, National Institute of Technology, Patna
17. Member, Airport Authority of India Design Council
18. Technical Expert, Selection Committee, Himachal Pradesh Public Service Commission
19. Technical Expert, Dayalbagh Educational Institute, Agra Selection Committee
20. Jury Member Design Committee, RITES to select a design for its Headquarters at Lucknow, Uttar Pradesh
21. Jury Member Selection Committee, selection of Architect for ILU, Supreme Court Complex
22. Jury Member Design Committee, Goa Port Trust to select a design for 100 – Bed Hospital
23. PhD Jury External Jury, PhD programme at Amity University, Gurgaon
24. Former, Head of Department, BEM, School of Planning and Architecture, New Delhi
25. Former, Head of Department, CASS, School of Planning and Architecture, New Delhi
26. National Council member, CG Smart Habitat Foundation
27. Jury Member Design honour, GLITZ Architecture and Interiors
28. Moderator, CG Smart Habit Foundation Conference

## **Manoj Mathur**

### **National Committee**

1. Member, Tech. Evaluation Committee BMTPC, New Delhi
2. Member, Standards Review Committee BIS, New Delhi
3. Member, Building and Works Committee JNU, New Delhi
4. Member, Standing Committee for Building Proposals UGC, New Delhi
5. Member, Committee for Allocation for Capital Assets UGC, New Delhi
6. Member, Standing Hearing Committee AICTE, New Delhi
7. Member, Standing Appellate Committee AICTE, New Delhi

### **Other Committee**

1. Member, Board of Studies, Dept. of Architecture IGDTUW, Delhi
2. Member, Board of Studies, Dept. of Architecture SIT Tumakuru
3. Member, Board of Studies, Dept. of Architecture VIT Bhopal
4. Member, Board of Studies, Dept. of Architecture Manipal University, Jaipur

## **Aruna Ramani Grover**

### **National Committee**

1. Thesis Jury, Indian Institute of Architects, India

### **International Committee**

1. International Journal of Housing and Human Settlements Planning, (ISSN – 2455-8516 online)
2. Editorial Board of Creative Space (ISSN print: 2321-3892 and ISSN online: 2321-7154), published by Chitkara University, Chandigarh.

## **Jyoti Pandey Sharma**

### **Editorial Board**

1. **Tekton: A Journal of Architecture, Urban Design and Planning** -Tekton is a scholarly, refereed journal brought out under the aegis of the Mahatma Education Society, Mumbai and its Pillai College of Architecture, New Panvel, Navi Mumbai. It is published bi-annually (September and March) in both print and digital media.
2. **Creative Space**- Creative Space is a bi-annual journal of Chitkara University Publications that is published using an open access publication model.

## **Chitrarekha Kabre**

### **National Committee**

1. Associate Member (Construction), Commission for Air Quality Management in NCR and adjoining areas, Ministry of Environment, Forest and Climate Change, Government of India, New Delhi.
2. Member, Bureau of Indian Standards Hospital Planning Sectional Committee, MHD14/ISO TC 212
3. Expert Member (Architect) AICTE Scrutiny committee



4. Expert Member (Architect) AICTE Online Standing Hearing Committee (SHC)/ Standing Appellate Committee (SAC)
5. Expert Member (Architect), AICTE Online Expert Visting Committee
6. Expert Member (Architect) AICTE Standing Committee Complaint Scrutiny Committee (SCSC)

**International Committee**

1. Member ((Expert reviewer for conference papers) Conference Technical Committee for International Conference on Advances on Clean Energy Research April 20-22, Spain.

**Bandana Jha**

**National Committee**

1. Task Group -3, Ministry of Environment Forest and Climate Change, Government of India.
2. Guru Gobind Singh Indraprastha University, Faculty Research Grant Scheme (FRGS) Coordinator Blue Star Scholarship SPA Delhi.

**Any Other**

1. Departmental Research Committee (DRC)
2. Council of Architecture Affairs Library Advisory Committee
3. Anti-ragging Squad on Campus

**Leon Angelo Morenas**

**National Committee**

1. External Member, Doctoral Departmental Research Committee of Urban Design, School of Planning and Architecture, Bhopal
2. External Member, Selection Committee for the post of Assistant Professor in the Department of Architecture of SPA, Bhopal
3. Member, Global Doctoral Program in Spatial Arts at O.P. Jindal Global University, Sonipat
4. Member, Sectional Committee for Social Sciences, Global Initiative of Academic Networks, MHRD
5. Member, Special Committee, Center for the Study of Law and Governance at Jawaharlal Nehru University, Delhi
6. Member, Board of Studies of the Bachelor of Architecture Programme at Jamia Millia Islamia, Delhi
7. Member, Doctoral Program at Centre for Environmental Planning and Technology, Ahmedabad
8. Member, Conference and Seminar Proposals for ICSSR- Northern Regional Center
9. Member, B-Arch Programme at Indira Gandhi National Open University, Delhi

**Internal Committee**

1. Member, Internal Quality Assurance Cell (IQAC) for SPA, Delhi
2. Chairperson, Azadi Ka Amrit Mahotsav Committee for SPA, Delhi
3. Chairperson, Har Ghar Thiranga Committee for SPA, Delhi

**Editorial Board**

**International**

1. Reviewer, Dialogue – Science, Scientists, and Society
2. Editorial Board Member, International Journal of Architecture and Ekistics

3. Reviewer, Enquiry: A Journal for Architectural Research, Architectural Research Centers Consortium (ARCC)
4. Reviewer, Journal of Urbanism: International Research on Placemaking and Urban Sustainability

#### **National**

1. Reviewer, Technology Information, Forecasting and Assessment Council (TIFAC) under the TIFAC-SIDBI Technology Innovation Programme (Srijan)

#### **Shweta Manchanda**

1. Review Member, Ph.D Review Committee, University School of Architecture and Planning, GGSIPU.
2. Reviewer, Paper submission for International Conference on Multidisciplinary Aspects of Design: Enhancing the Connection hosted by KRMU, KR Mangalam University in collaboration with the Council of Architecture Training and Research Centre, Bhopal, India.

#### **Shuvojit Sarkar**

##### **National Committee**

1. Stones Sectional Committee at Bureau of Indian Standards, CED 6 IS: 1121 (Directors Nominee)
2. Panel for Acoustics, Sound Insulation and Noise Control, CED 46:P15
3. Building Limes and Gypsum product, CED 4 (from SPA)
4. Health fitness and Sport Services ,SSD05

##### **Editorial Board**

1. Journal on Environment, Development and Sustainability (Springer).

##### **Any Other**

1. Students Grievance Redressal Committee
2. Member Secretary Hostel Management Committee.
3. Newsletter (DISHA) Editorial Board
4. Student Advisor UG (Architecture)
5. Anti Ragging Squad
6. Swachhata Pakhwada Committee 2022

#### **Jatinder Kaur**

##### **National Committee**

1. Member Committee member for requirement of additional office space on Rental basis for AICTE.
2. Member Eco Nivas Samhita 2021, Part 2, Bureau of Energy Efficiency, Ministry of Power, Govt, of India, Code Development Team (Legal).
3. Member Editorial Committee, CPTED 2021 Conference

##### **Institute Level**

1. Member Library Advisory Committee.

2. Member PG Admission committee
3. Member Moderation committee
4. Member Publication of Convocation Booklet, SPA Delhi

**Any Other**

1. Chairperson Board of Studies, B.Des. (Interior Design), Dr. YSR Architecture and Fine Arts University, Kadapa, AP.
2. Member Advisory Committee, Chitkara University Doctoral Consortium 2021.
3. Member Board of Studies, Architecture, UID School of Architecture, G.D. Goenka University, Gurugram.
4. Member DDRC, Architecture and Planning, MRSPTU, Bathinda.

**Parul Kiri Roy**

**National Committee**

1. Co-Director, Head of Delhi Chapter , Council for Arts and Social Practice (NGO)
2. Founder Member, Investigating Design (NGO)
3. Life Member, INTACH
4. Academic Board Member, Kalhath Institute, Lucknow
5. Board of Studies Member, Sharda University School of Architecture and Planning, Greater Noida

**Sunil Prasad Shrivastava**

**National Committee**

1. Senate of SPA, Delhi under clause 16(1)(i) of SPA act 2014.
2. Committee of Physical Verification of Planning and Architecture Library.

**Arpita Dayal**

**National Committee**

1. Purchase Committee

**Anjali Mittal**

**National Committee**

1. Founder Member, Investigating Design.

**International**

1. Network Partner, India Hub, GCRF Development Award: Heritage Borders of Engagement Network (ENGAGE) in collaboration with Nottingham Trent University, UK.

**Amit Kumar**

1. Training and Placement Coordinator, Department of Architecture

**Kandipilli Mehar Kumar**

1. Deputy Warden , Boys Hostel SPA Delhi
2. Member , Anti Ragging Squad (MB Campus) SPA Delhi

3. Member , Swachhata Pakhwada (Sept1st to Sept 15th) SPA delhi
4. Member , Students Activities Week 2022
5. Member , Examination Malpractice committee in Dr YSR Architecture and Fine Arts University Kadapa (Feb, 2021to Dec, 2021).
6. Convenor , Hostel Mess Committee in DR YSR Architecture and Fine Arts University Kadapa (Feb, 2021to Dec, 2021).
7. Member , Hostel Committee in Dr YSR Architecture and Fine Arts University Kadapa (Feb, 2021to Dec, 2021).
8. Hostel Warden , Dr YSR Architecture and Fine Arts University, Kadapa (Feb, 2021to Dec, 2021).

#### **Krishna Prakash**

1. Member Anti Ragging Squad

#### **Thomas Krishna Pegu**

1. Member - Application Scrutiny of applicants applied for various Non Teaching Post
2. Anti Ragging Committee Member (Architecture Block)
3. Member - Application Scrutiny of applicants applied for Contract Faculty (Architecture)

#### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

##### **Anil Dewan**

1. Sharad Nagdeve, S., Manchanda, S., & Dewan, A. (2020) Green Facades : A Passive Sustainable Method For Reviving Culture In India. National Conference Proceedings of CIMA 2020 978, 106–110.
2. Singh, Raja, & Dewan, Anil. (2020). Low Cost tool for finding ventilation rates for Airborne Infection Control in the Built Environment. 16th Conference of the International Society of Indoor Air Quality & Climate (p. Online). Seoul, South Korea: International Society of Indoor Air Quality and Climate.
3. Singh, Raja, & Dewan, Anil. (2019). Airborne Disease Spread in High Rise Buildings due to reliance on Mechanical Ventilation: A Review, Dec '19, 144-147, Proceedings of Seminar on High Rise buildings.  
[https://cpwd.gov.in/Publication/Compendium\\_of\\_High\\_Rise\\_Buildings\\_December\\_2019.pdf](https://cpwd.gov.in/Publication/Compendium_of_High_Rise_Buildings_December_2019.pdf)
4. Gupta, N., & Dewan, A. (2021, July 10). Building Disaster Resilient Hospitals. Healthcare Executive. <https://www.healthcareexecutive.in/blog/resilient-hospitals>
5. Dewan,A., Khan,A.A. & Gupta,N. (2021, April 13-16). Training Program: Disaster Resilient Healthcare Infrastructure. Retrieved from [https://nidm.gov.in/pdf/trgReports/2021/April/Trg\\_13-16April2021aak.pdf](https://nidm.gov.in/pdf/trgReports/2021/April/Trg_13-16April2021aak.pdf)
6. Gupta,N. National Institute of Disaster Management. (2021, April 17). Webinar lecture on Energy Conservation.<https://Nidm.Gov.in/Videos.Asp>.  
[https://nidm.gov.in/pdf/trgReports/2021/April/Webinar\\_17April2021aak.pdf](https://nidm.gov.in/pdf/trgReports/2021/April/Webinar_17April2021aak.pdf)
7. Dewan,A., & Gupta,N. (2021, July 7-9). ArchVibes-2021- Samsung Architects Forum: Hospital acquired infection and indoor air quality
8. Gupta,N., Sujatha, (2021, June 15). Podcast article on: Fundamentals of disaster resilient hospital design [in press]. Healthcare Radius

9. Online training programme on Drones Steering the way for architects and planners on 17th and 18th August, 2022.
10. Online training programme on Crime Prevention through environmental design on 8th January, 2022.
11. Online certificate course on Energy Efficient Buildings with the Ministry of Housing and Urban Affairs.
12. Training programme on Parametric and computation form generation from 20th to 22nd September

#### **Chitrarekha Kabre**

1. Coordinator of webinar organized on Design of Structures for wind May 26, 2022.

#### **Bandana Jha**

1. Coordinator, Online Certificate Course on Energy Efficient Buildings , Batch 1 - 26th March -23 April 2022 funded by MoHUA.
2. Coordinator, Online Certificate Course on Energy Efficient Buildings, Batch 2 - 18th June - 23 July 2022, funded by MoHUA.

#### **Shuvojit Sarkar**

1. Crime Prevention Through Environmental Design 8th Jan, 2022 School of Planning and Architecture, New Delhi and ISAC.

#### **Jatinder Kaur**

1. Member, organizing committee national Conference CPTED 2022, on 8.1.2022.

#### **Arathy Gopal**

1. Coordinator of webinar on Drones: Steering way forward for Architects and Planners from 17-18 August 2022.

#### **15. Papers Presented in Seminars, Workshops, Conferences etc.**

##### **Jyoti Pandey Sharma**

##### **International**

1. Presented paper on Modernizing Colonial Punjab: The Architectural exploits of Kapurthala's Shahjahan Maharaja Jagatjit Singh Ji. in International E-Symposium on Sikh Architecture organized by SAAKAR Foundation, Chandigarh.
2. Presented paper on From a Private Garden to a Public Park: The 1857 'Devil's Wind', the British love for the lawn and the mutation of the Mughal Bagh in IASTE [International Association for the Study of Traditional Environments] 2022 "Rupture and Tradition" conference organized by ISATE and National University of Singapore (NUS) in Singapore from 14-17 December 2022.

### **Chitrarekha Kabre**

1. Resource Person in Online Certificate Course on “Energy Efficient Buildings” organized by SPA New Delhi Under the India Cooling Action Plan in Collaboration with the Ministry of Housing & Urban Affairs. Talk presented on 23rd July, 2022 (Saturday) in Online Mode, Title of Talk: “Energy Conservation Building Code and ENS.”
2. Invited as a Resource Person for a Faculty Training Programme organized by COA-TRC, Bureau of Energy Efficiency, Govt of India and School of Architecture, Siddaganga Institute of Technology, Tumakuru. Talk presented on May 9, 2022 in the Online Mode. Title of Talk: Introduction and ECBC awareness, ECBC Scope & administration
3. ECBC & ENS Awareness Workshop" organized by ECBC/ENS Cell, Punjab Energy Development Agency (PEDA) on 27th April 2022 at Improvement Trust, Ludhiana, Punjab.
4. Resource Person in Online Certificate Course on “Energy Efficient Buildings” organized by SPA New Delhi Under the India Cooling Action Plan in Collaboration with the Ministry of Housing & Urban Affairs. Talk presented on 23rd April, 2022 (Saturday) in Online Mode, Title of Talk: “Energy Conservation Building Code and ENS.”
5. Invited as a Resource Person for a Faculty Training Programme organized by COA-TRC, and KMEA College of Architecture, Kerala on ‘Emerging Pedagogies in Architectural Education’. Talk presented on January 21, 2022 in the Online Mode. Title of Talk: ‘Design Build as an approach for Design Studio.’
6. Invited as a distinguished speaker in UP Climate Change Conclave 2021 for Session name: Sustainable lifestyle and Carbon footprint and Topic: Green Buildings on 29th October, 2021 in Lucknow, Uttar Pradesh.

### **Bandana Jha**

1. ACRECONF, Organized by ISHRAE, New Delhi. March, 2015, “A Report on Currently Available Global Energy Efficiency Benchmarks for Buildings”
2. Jha B., Bhattacharjee B., “Retrofitting Building Roof for Energy Efficiency”. 71<sup>st</sup> RILEM and International Conference on Advances in Construction Materials and Systems. IIT Chennai (2017).
3. “Roof Retrofitting Optimization Tool for Energy Efficiency”. September 23, 2017. Industry Day Theme: “Smart Cities”, Indian Institute of Technology Delhi, India.
4. Greater Noida Institute of Technology. July 17, 2018. “Energy Efficient Retrofits for Existing High-Rise Buildings” Faculty Development Program for Civil Engineering Faculty of SPA and UP Engineering Colleges.
5. “Tool for Energy Retrofit of Building Envelope”. September 22, 2018. Industry Day Theme: “Sustainable Habitats”, Indian Institute of Technology Delhi, India.
6. Jha B., Bhattacharjee B., “Tool for Energy Efficient Building Envelope Retrofitting”. Paper presented at International Building Performance Simulation Association Conference and SimBuild co-organized by ASHRAE and IBPSA-USA at Chicago USA (2018).
7. ACRECONF, Organized by ISHRAE, GMR & ASHRAE INDIA. New Delhi. March, 2019, “Retrofitting of Airport Terminal Building Envelopes for Energy Efficiency”.
8. Jha Bandana, “Retrofit of hospital buildings for energy efficiency & Disaster Resilience” Workshop on Disaster Resilient Healthcare Infrastructure at School of Planning and Architecture, New Delhi (2022).

### **Leon Angelo Morenas**

1. (Invited Presentation) Bullshit Urbanism (Guest Speaker at the Centre for Habitat, Urban and Regional Studies of the Impact and Policy Research Institute, Delhi on 19th July 2021)
2. (Invited Presentation) Privacy Concerns, Shock Doctrine in the Age of the Pandemic (Panellist on the Webinar Urbanity and the Pandemic Times: Emerging Discourses on Urban Form organized by the School of Planning and Architecture, Bhopal on 9th May 2020)

### **Shweta Manchanda**

1. Participation in Solar Decathlon India 2022 Faculty Conference organized by Indian Institute of Human Settlements, Bangalore in December 2021.

### **Jatinder Kaur**

1. Paper presented on People as Anchors of Placemaking: A Regeneration strategy for Urban Villages of Delhi in International Research Symposium on Urban Villages organised by FOA&E JMI, NIUA , COA,Thammasat university Bangkok and UVCT.

### **Parul Kiri Roy**

1. Paper presented on Kaccha-Pakka: An Enduring Binary (Building Taxonomy, Spatial Production, Architectural Pedagogy), in Annual Conference organised by URBAN Arc 2022, Beyond Binaries, IIHS, Bengaluru on 15 January 2022.
2. Paper presented on Engaging with Self and the Community and Designing for Social Impact, organised by IILM, School of Design, Gurugram on 25 Sept. 2021.

### **Arpita Dayal**

1. Collaboration as Author for 1)Landscape And Site Design , 2) Entrance To The House/Semi Covered Spaces organized by Technology Of Home - Association Of Infrastructure Industry on 5th & 6th April 2022.
2. Presentation On 'Emerging Pedagogies In Architectural Education'; Co-Presented With Gunjan Jain in Council of Architecture Online Training In Collaboration with KMEA College of Architecture from 18th to 21st Jan 2022.
3. Presentation and Place Expert on Majnu Ka Tilla and New Aruna Nagar in Festival of Places (IGNCA & CATTs) on 9/26/2021.
4. Participated Five Days National Faculty Development Program Fdp (Oriental College Of Technology, Bhopal) 5 Days In August 2021

### **Anjali Mittal**

1. Paper titled "Informal Employment, Livelihoods and Spatial Logic of Labour: The Case of Artisanal Bangle Making in Firozabad" presented at the 62nd Annual ISLE (Indian Society of Labour Economics) Conference to be held at IIT Roorkee, Uttarakhand from 11-13 April 2022.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences Exhibitions etc.**

### **Manoj Mathur**

1. Expert Speaker, National Online FDP organized by COA-TRC Bhopal & RGPV-SOA, Bhopal
2. Expert Speaker, National Online FDP organized by COA-TRC Bhopal & MBS-SOA, New Delhi
3. Expert Speaker, FDP on Disaster Resilient Healthcare Infrastructure organized by NIDM & SPA New Delhi
4. Expert Speaker, Certificate Program on Energy Efficient Buildings organized by SPA New Delhi
5. Expert Speaker, AICTE-ISTE Induction Refresher Program organized by Central University of Rajasthan

### **Jyoti Pandey Sharma**

1. Crime Prevention through Environment in School of Planning and Architecture on 8<sup>th</sup> January 2022.

### **Chitrarekha Kabre**

1. Participated as an Associate member of Commission for Air Quality Management in NCR and Adjoining Areas in "Dialogue towards Clean Air" on 7-8 March 2022 at Apparel Export Promotion Council, Apparel House, Institutional Area, Sector 44, Gurugram.

### **Bandana Jha**

1. Delivered following 90-minute lecture sessions as Speaker between 26<sup>th</sup> March-23<sup>rd</sup> April 2022 and 18<sup>th</sup> June -23<sup>rd</sup> July 2022 in the National Level Online Course/Training on Energy Efficient Buildings constituting 20 sessions for practicing Architects & Engineers supported by MOHUA under ICAP: Need for Building Energy Efficiency, Thermal Transmittance & Building Energy Consumption, Energy Efficiency in Existing Buildings, Building Energy Simulation: Tools for Energy Performance Measurement and Design Decisions Based on Building Energy Simulation Using eQuest Software.
2. Attended a Lecture on 28<sup>th</sup> May 2022, World Interiors Day- Pride of the Past An incentive for the future -By Architect Serina Hijaz, Malaysia
3. Participated in the IGBC's Student Chapter Annual Meet 2021 on 17 November 2021 at CII HIVE - Virtual Platform.
4. May 2022 Completed the Review Process for Research Papers submitted by Researchers at the "International Conference on Multidisciplinary Aspects of Design: Enhancing the Connections" hosted by KRMU in collaboration with the COA Training & Research Centre, Bhopal, India and Anhembi Morumbi University, Sao Paulo, Brazil.
5. Speaker at Panel Discussion on "Building Envelope for Thermally Comfortable Housing held on 24<sup>th</sup> June 2022, India Habitat Centre, Delhi. The workshop was jointly organized by Centre for Advanced Research in Building Science and Energy (CARBSE), CEPT University, Greentech Knowledge Solutions Pvt. Ltd. (GKSPL) and Shakti Sustainable Energy Foundation (SSEF).



6. Speaker at Faculty Development Training Program on Disaster Resilient Healthcare Infrastructure on 13<sup>th</sup> July 2022 at SPA New Delhi.

### **Shweta Manchanda**

1. Participation in Solar Decathlon India 2022 organized by Indian Institute of Human Settlements all India students design competition in which students won First and Runner up prize in Educational Division..

### **Shuvojit Sarkar**

1. Delivered lecture on Emerging Pedagogies In Architectural Education, organized by COA-TRC and KMEA College of Architecture, Kerala from 18th -21 Jan,2022.
2. Development of A Framework for Assessing Energy Efficiency of the Alternative Construction Techniques in the Housing Sector" Chitkara University Doctoral Consortium, Nov-21
3. Crime Prevention Through Environmental Design, organised by School of Planning and Architecture, New Delhi on 8th Jan ,2022.

### **Jatinder Kaur**

1. NPTEL SWAYAM AICTE MOOC Course – “Visual Communication Design for Digital Media” organised by NPTEL SWAYAM AICTE MOOC from July – August 2021 (4 Weeks)
2. Research Trends and Ethics in Art, Design & Architecture organised by Chitkara University (Online) from 5.7.2021 to 9.7.2021 (1 Week).
3. Pedagogical Process in Architecture – An orientation for young teaching fraternity organised by SPA Vijayawada (Online) from 12.7.2021 to 16.7.2021 (1 Week).
4. Pandemic and Future Cities organised by COA-TRC, Bhopal and BMS School of Architecture, Bengaluru (Online) from 26.7.2021 to 30.7.2021.
5. Online Workshop for "Guidance for Psychosocial Counselling and Covid Helper Skills" as per the directives of NITI AYOJ organised by SPA New Delhi on 6.7.2021.
6. Half Day online Experience Sharing session on 'Teaching and Learning through Digital Platforms in Architecture and Planning' organised by IQAC Cell, SPA New Delhi on 7.7.2021.
7. One day Training Programme on ECBC and ENS organised by BEE on 19.7.2021.
8. Webinar on “Climate-Smart Healthcare Resilience in Flood-Prone Areas” organised by Centre for Chronic Disease Control on 19.8.2021.
9. Attended online book launch event of book authored by Mr. Rahul Mehrotra titled “Working in Mumbai” organised by SPA New Delhi on 20.9.2021.
10. First webinar in series titled " NO IDEA TOO SMALL" organised by SPA Design Innovation Centre, New Delhi on 1.9.2021.
11. Special lecture titled 'Self-building' Golconde, Narrating Architecture organised by SPA New Delhi 1.9.2021.
12. First webinar in International Symposium on “Sikh Architecture – The Origins” organised by Saakaar Foundation on 7.9.2021.
13. “International Symposium on Sikh Architecture – Historic Perspectives” organised by Saakaar Foundation on 14.9.2021.

14. Third webinar in series on "PROTOTYPE TO MARKETING AND START-UPS" organized by on 15.9. 2021 organised by Design Innovation Center (DIC) at SPA, New Delhi on 15.9.2021.
15. Panel Discussion on "Embracing the New Normal" as part of the series of events including collection of data about the Vaccination status of students, staff and faculty organized by the to facilitate 'The Beat Covid Campaign' organised by School of Planning and Architecture, New Delhi & Ministry of Education, Government of India on 19.9.2021.
16. "International Symposium on Sikh Architecture" organized by Saakaar Foundation on 21.9.2021
17. SPARC Talk series with talk by Prof. Dr Mandeep Singh and Manu Mahajan on VAISHNO DEVI (Study & Proposal) organised by SPA New Delhi from 22.9.2021 and 23.9.2021.
18. Attended "CSH Jhabvala Memorial lecture 2021" organised by SPA New Delhi on 27.9.2021.
19. Presentation on "New-Age Surface Design Finishes" organised by SPA New Delhi and EVOLVE on 29.9.2021.
20. Chitkara University Doctoral Consortium 2021 organised by Chitkara University from 12.11.2021 and 13.11.2021.
21. Training Program on Innovative Construction Technologies & Thermal Comfort in Affordable Housing organised by RACHNA and GiZ from 8.4.2022 and 9.4.2022.
22. Online Session for SAC/SHC Members on Approval Process 2022-23 organised by AICTE, New Delhi on 4.6.2022.

#### **Parul Kiri Roy**

1. Respondent for CASP Conversations.(online) Panel Discussion on Planning X People: Learnings from the Ground, by Social Design Collaborative, Delhi. Organised by CASP (Council for Arts and Social Practice) on 25 March 2022.
2. Respondent for CASP Conversations.(online) Panel Discussion on Suno: Learning from the Field (Inquiries, Insights and Illustrations) by Off Centre Collective, Delhi organised by CASP (Council for Arts and Social Practice) on 28th July 2022.

#### **Sunil Prasad Shrivastava**

1. International Training and Capacity Building Programme on Resilient Urban Development, SPA Foundation for Innovations and Research for Social Transformations,5 Days (1.12.2021-05.12.2021).
2. Faculty Development Programme/Quality Improvement Programme on International Training Programme for Managing Regions. Department of Regional Planning SPA, New Delhi and NIDM, MHA, GOI. 5 Days (06.12.2021-10.12.2021).
3. Refresher Course on Design and Construction of Steel Bridges. Indian Association of Structural Engineers, New Delhi. 17.07 2021-28.08.2021 (Every Saturday).

#### **Aarti Nagpal**

1. Participated and completed online Faculty Training Programme (FTP) on "SMART CITIES - Opportunities And Challenges " from 08th -13th Aug. 2021 from Deenbandhu Chhotu Ram University of Science and Technology (DCRUST), Sonapat, Haryana, India.

2. Participated and completed online Faculty Development Programme (FDP) on “UNIVERSAL DESIGN APPROACH FOR BUILT ENVIRONMENT” from 23<sup>th</sup> -27<sup>th</sup> Aug. 2021 from Malaviya National Institute of Technology (MNIT) Jaipur, Rajasthan, India.
3. Attended and delivered an expert talk on ‘Parent as a caregiver in cities: Challenges and way forward’ in ITCN Workshop: Early Childhood Development in cities on 23<sup>rd</sup> March 2022 in School of Planning and Architecture (SPA), New Delhi.
4. Attended and presented a paper presentation on “Role of People-Participation in Sustainable development at the local-level in the Indian context” in an “International Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES 2021 -online mode) in Croatia held from 10.10.2021 to 15.10.2021”.
5. Co-chaired the online session on “Social acceptance/ Education in sustainable development” at the 16<sup>th</sup> Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES, held in hybrid mode from October 10 – 15, 2021 in Dubrovnik, Croatia.

### **Arpita Dayal**

1. Collaboration As Author For 1) Landscape And Site Design , 2) Entrance To The House/Semi Covered Spaces in conference on Technology of Home - Association Of Infrastructure Industry from 5<sup>th</sup> & 6<sup>th</sup> April 2022.

### **Anjali Mittal**

1. Completed an online two week refresher course from 8-22 Nov 2021 on Managing online classes and co-creating, being organised by the Teacher Learning Centre, Ramanujan College, University of Delhi.
2. Attended -AJEI 22<sup>nd</sup> International Workshop Engaging with categories in South Asia: processes, challenges and implications that will take place on the 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> April 2022 in an online mode.
3. Attended International Webinar “Development of an Instructional Tool through Design-based Research” organised by the Centre for Research Methods (CRM), Dr B R Ambedkar University Delhi held on 29 March, 2022.

### **Mekhla Parihar**

1. Attended an online Seminar on National Education Policy 2020 on 5<sup>th</sup> September 2021 organized by SPA, New Delhi.
2. Attended an online Seminar “Embracing the New normal” on 19<sup>th</sup> September 2021 organized by SPA, New Delhi.
3. Attended a talk by H.E. Andre Aranha Correa Do Lago on “Influence of Pritzker Award and Awardees on Contemporary Architecture and Urbanism” on 13<sup>th</sup> April 2022 organized by Department of Architecture SPA, New Delhi.

### **Vandana Kothari**

Selected SOLO Exhibitions:

- City of Illusions - In collaboration with Anant Art Gallery, New Delhi - March 2021
- Memory Stations - In Collaboration with Anant Art Gallery, New Delhi ( Online ) April 2021

Selected Group Exhibitions:

- 2021 - 'Under His 'I' an all Women Virtual Show curated by Sushma Sabnis on the occasion of International Women's Day
- 2020 - 53rd Annual Exhibition Birla Academy of ART and Culture, Kolkata

**Dhrubajyoti Padun**

1. Participated in the online Capacity Building Programme on "Drones: Steering way forward for Architects and Planners" on 17-18 August 2022 organized by Department of Architecture, SPA, New Delhi

**Amit Kumar**

1. Drones Steering way forward for Architects and Planners (Two Days) 17 Aug-18 Aug-2022.

**Kandipilli Mehar Kumar**

1. Online Course on Energy Efficient Buildings FDP Batch No-2 Organized by SPA Delhi supported by Ministry of Housing and Urban Affairs, Government of India Between 18th June -23rd July 2022.
2. Online Awareness Workshop on "Energy Conservation Building Code & Eco - Niwas Samhita Organized by Andhra Pradesh State Energy Conservation Mission (APSECM) with Technical Support ASCI and funded by (BEE) August 04 2022.
3. Recent Research Techniques in Architecture and Planning FDP Organized by Dept. of Architecture, NIT Patna 17th to 21st August 2022.
4. Capacity Building Programme on Drones: Steering way Architects and Planners Organized by SPA Delhi 17-18 August 2022
5. ECBC Rules and Compliance Procedure Online training Programme Organized by Andhra Pradesh State Energy Conservation Mission (APSECM) with Technical Support ASCI And funded by (BEE) 25-08-22 to 26-08-22.
6. Thermal Comfort through a Multi-Layered Understanding in Affordable Housing 1 day online training August 5th 2022 RACHNA- ASCI with support of GIZ and Ministry of Housing and Urban Affairs.
7. Emerging Challenges and Possibilities in Design, Art, Fashion, Animation 5 days online Fdp ) 3rd August 2021 to 7th August 2021 Organized by Amity University Kolkata.

**Kshetrimayum Bangkim Singh**

1. Faculty Development Programme on "Disaster Resilient Healthcare Infrastructure" - Hosted by SPA New Delhi and NIDM. Dates 11th to 15th July 2022.
2. Drones: Steering way forward for Architects and Planners- organized by SPA New Delhi, 17 and 18 August 2022.

**Krishna Prakash**

1. Participated (online) in two-day international workshop (hybrid mode) on "Climate-Resilient Energy Secure and Healthy Built Environment (CREST)" on 19-20 August 2022 at IIT Roorkee jointly developed by the University of Bath from UK, IIT Roorkee, IIT

- Madras, MANIT Bhopal, SPA Delhi, SPA Bhopal, SPA Vijayawada and School of Architecture and Planning, Anna University, Chennai and funded by British Council.
2. Participated in the online Capacity Building Programme on "Drones: Steering way forward for Architects and Planners" on 17-18 August 2022 organized by Department of Architecture, SPA, New Delhi.
  3. Participated in the AWSAR webinar on the topic "Understanding of Science Communication" conducted on 10 th June 2022 organized by the Department of Science and Technology (DST) and Vigyan Prasar (VP), Government of India.

### **Ankit Kumar Singh**

1. Faculty Development Training Programme on Disaster Resilient Healthcare Infrastructure from 11th July to 15th July.
2. Capacity Building Programme on Drones from 17-18 August 2022.
3. Climate-Resilient Energy Secure and Healthy Built Environment (CREST) at IIT Roorkee from 19-20 August 2022.

## **17. Membership of Professional Bodies**

### **Anil Dewan**

1. Fellow, Indian Institute of Architects

### **Manoj Mathur**

1. Indian Institute of Architects (IIA)

### **Aruna Ramani Grover**

1. Fellow, Indian Institute of Architects

### **Jyoti Pandey Sharma**

1. Indian institute of Architects
2. Indian Society of Technical Education

### **Chitrarekha Kabre**

1. Fellow of Indian Institute of Architects F-25230
2. Founder Member, DOCOMOMO International Chapter in India (2019-)
3. Green Associate, LEED (Leadership in Energy & Environmental Design) GBCI/USGBC (January 2019-)
4. Master Trainer, Energy Conservation Building Code 2017 The Bureau of Energy Efficiency, the Ministry of Power, Govt. of India (2017-)
5. GRIHA Certified Professional and Evaluator – Construction Manager & Architect (The Energy Resources Institute & Ministry of New and Renewable Energy Sources, Govt. of India) (2016-)
6. International Associate American Institute of Architects 38275669 (2012-)
7. Member, Society of Building Science Educators, USA (2012-)
8. Life Member, Indian Society of Technical Education (2007-)

9. Life Member, International Association of Passive Low Energy Architecture (PLEA)  
1999-

**Bandhana Jha**

1. COA Registration: CA/94/17607
2. Indian Institute of Architects
3. Registered Mithila Painting Artist Ministry of Handicrafts & Textiles

**Binod Kumar Singh**

1. Indian Concrete Institute
2. Indian Society of Technical Education
3. Indian Society for Rock Mechanics and Tunneling Technology
4. Institution of Engineers (India)

**Leon Angelo Morenas**

1. Member, Council of Architecture, India
2. Member, Institute of Urban Designers, India
3. Member, Society for Social Studies of Science (4S)
4. Member, Society for Philosophy and Technology
5. Member, International Sociological Association

**Shweta Manchanda**

1. Indian Institute of Architects

**Shuvojit Sarkar**

1. Associate Member of IIA,
2. Associate ITPI,
3. Life Member INTACH,
4. Life Member Indian Institute of Interior Design (IIID)

**Prabhjot Singh Sugga**

1. ITPI
2. IIA

**Jatinder Kaur**

1. Associate Member, IIA

**Parul Kiri Roy**

1. CoA,
2. INTACH

**Sunil Prasad Shrivastava**

1. Life Member Institution of Engineers, Life Member Indian Institution of Structural Engineers
2. Life Member Indian Institution of Bridge Engineering

**Aarti Nagpal**

1. CoA,
2. IIA
3. ITPI

**Arpita Dayal**

1. IUDI
2. COA

**Anjali Mittal**

1. Member, Indian Society of Labour Economics
2. ENGAGE-India Hub Partner

**Saptarshi Sanyal**

1. International Council on Monuments and Sites (ICOMOS), India, 2014-
2. European Architectural History Network (EAHN), 2021

**Mekhla Parihar**

1. Associate Member, American Institute of Architects, USA (2006 – 2009)
2. Member, AIA COTE (Committee on Environment), Eastern Oklahoma Chapter (2006-2007)

**Dhrubajyoti Padun**

1. IIA

**Kandipilli Mehar Kumar**

1. Council of Architecture
2. Institute of Town Planners India
3. Indian Society for Technical Education
4. The Indian Science Congress Association

**Krishna Prakash**

1. Associate Member of The Indian Institute of Architects (IIA) Registration No. - A22601  
Associate Member (AMIE) of The Institution of Engineers (India) Membership No.AM1809612

2. Chartered Engineer (CEng): 2018 (AM1809612)
3. Associate Member of the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), Membership No.- 56143
4. Member of International Building Performance Simulation Association – India (IBPSA-INDIA) Membership ID – 100188

#### **Thomas Krishna Pegu**

1. ITPI, Associate Member 2020-278

#### **Arathy Gopal**

1. ITPI
2. CoA

#### **Ankit Kumar Singh**

1. IIA,
2. COA
3. IIID

#### **18. Guest/Special Lectures Organised**

##### **Aarti Nagpal**

1. Organised guest lecture for 3<sup>rd</sup> yr. Sec.-C on '**Theory of Settlements- Master Planning: A case of Kashmir, India**' by **Mr. Nirajbhan Mahajan** –Architect Planner (in Studio, Department of Architecture) on 07.04.15.
2. Organised guest lecture for 3<sup>rd</sup> yr. Sec.-A,B,C on '**Theory of Settlements on Role of Settlements studies in Architecture and Slums of hope**' by **Prof. Neerja Tikku** – Architect Planner (in Auditorium, Department of Architecture) on 24.03.17.
3. Organised guest lecture for 3<sup>rd</sup> yr. Sec.-A,B,C on '**Theory of Settlements- Housing planning: Rural housing policies**' by **Mr. Nirajbhan Mahajan** –Architect Planner (in Auditorium, Department of Architecture) on 26.04.17.
4. I delivered a special lecture for 3<sup>rd</sup> yr. Sec.-A,B,C on '**Theory of Settlements- Neighbourhood Planning-A case of Chandigarh**'–Architect Planner (in Auditorium, Department of Architecture) on 04.08.17.

#### **19. Additional Information if Any**

##### **Jyoti Pandey Sharma**

1. Appointed as the School's Coordinator PhD Programme (CPP) wef 01 April 2022.

##### **Chitrarekha Kabre**

1. Invited External Expert/Examiner to conduct the B.Arch. thesis Jury in the Department of Architecture, Jamia Millia Islamia on 15th and 16th December 2021.



2. Invited as external examiner for MAR-412: Thesis of M. Arch 4th semester in the Department of Architecture, Jamia Millia Islamia on Tuesday, 24.05.2022.
3. Invited External Expert/Examiner to conduct the Ph.D. Viva-Voce of Ms. Tanaya Verma, School of Art and Architecture at Sushant University, Gurugram on 29th July 2022.

#### **Bandana Jha**

1. An Exhibition of my Paintings was held at Nehru Center Mumbai between 16-22 November 2021 in a Group Show called "Untold Stories of Mithila".

#### **Shweta Manchanda**

1. CREST project has included preparation of teaching modules and 2 bursaries for PhD students to travel to the University of Bath UK.

#### **Jatinder Kaur**

1. Faculty Incharge, Placements (Institution level), SPA Delhi
2. Studio Director (1st and 2nd Year)
3. Class Coordinator, B.Arch., 2nd Year
4. Elective Coordinator, B.Arch., 2nd Year
5. Stage management and Coordination of Event held to commemorate the visit of Ar. Gita Balakrishnan

#### **Anjali Mittal**

1. Pursuing full time Phd Programme at the School of Development, Dr. B R Ambedkar University, New Delhi since Dec 2021

#### **Mekhla Parihar**

1. Participated in Swayam course (AICTE approved 8 Week FDP course) "Understanding Ethnography" by Prof. Nina Sabnani, IIT Bombay from 23rd August – 17th October 2021
2. Participated in Swayam course (AICTE approved 1 week online FDP course), "Academic Research Writing" by Teaching Learning Center, Ramanujan College, University of Delhi from 13th – 19th November 2021
3. Audited a course, Research Method's in Women's Studies, at Center for Women's Studies, JNU, Delhi from 12th July- 23rd September in online mode.

#### **Kshetrimayum Bangkim Singh**

1. Ongoing Research on quality of life and passive culture architecture in Delhi with professors from Hiroshima University Japan and IIT Kharagpur.

#### **Mohammed Athar Mansury**

1. Deputy Warden of Maharani Bagh Boy's Hostel,
2. Member of Anti-Ragging Squad (MB Campus),
3. Member of Departmental Building works committee.

## 20. Any other information of Relevance

S.No.	Date	Name of the Experts	Topic of Special Lecture
1	22 <sup>nd</sup> January,2021	Mr. Thomas	Daylight and shading with design Builder
2	29th January,2021	Mr. Thomas	Building Envelope and thermal Comfort
3	19th February 2021	Mr. Gaurav Shorey	Zero Energy Building Design
4	12th February 2021	Mr. Abid Hussain	Energy Efficient HVAC Design
5	20th February 2021	Mr. Gaurav Shorey	Zero Energy Building Design
6	12th March 2021	Mr. Abid Hussain	Energy Efficient HVAC Design
7	18th March 2021	Mr. Anurag Biswas	Parametric Design Using Rhino
8	26th March 2021	Mr. Udit Shah	Innovative Cooling System
9	27th March 2021	Mr. Gaurav Shorey	Building Simulation using Design Builder
10	09th November 202	Mr. Anir Upadhyay	Climate Assessment and design indicators for Kathmandu
11	04th October 2021	Mr. Nikhil Dhar	Landscape consideration for site planning
12	20th January 2022	Mr. Alok Mehta	Emerging Trends in Mixed use Developments
13	11th February 2022	Mr. Nishant Gupta	Efficient Water management
14	18th February 2022	Mr. Gaurav Shorey	Building Energy Simulation
15	21st March 2022	Mr. Alok Sahdev	Structure Possibilities in High Rise
16	28th March 2022	Mr. Alok Sahdev	Structure Possibilities in High Rise
17	08th April 2022	Mr. Amit Kumar Jaglan	Solid Waste Management Strategies
18	27th April 2022	Mr. Ashu Dehadani	Green Certification at cities & Communities Level
19	09th May 2022	Mr. Sushil Agarwal	Auditorium Functioning & Designing
20	11th May 2022	Mr. Yogesh Bhardwaj	Practical HVAC Design (with a focus on ducting design)
21	21st July 2022	Ms. Santrupthy Das	Design Form evolution and origami

## 2.2 DEPARTMENT OF PHYSICAL PLANNING

### 1. Academic Programs Offered by the Department

- Bachelor of Planning
- Integrated M.Planning (From 2019 onwards)
- Ph.D. Programme in Planning

### 2. Year of Establishment of the Department: 1989

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Mayank Mathur	Professor and Head of the Department from 4 April 2022 onwards	B Arch, M Housing, P G Dip in Housing Planning and Building, The Netherlands, Ph.D.	Housing and Community Planning, Urban Design, Design of Human Settlements
Mahavir	Professor and Head of the Department till 3 April, 2022)	B. Arch., MURP, PG Dip. (Remote Sensing), Ph.D. (ITC-Netherlands) CA/ 1981/ 6718	Urban and Regional Planning; Geo-Informatics
Ashok Kumar	Professor	PhD	Urban and Regional Planning
Rabidyuti Biswas	Professor	B.E, MRP, PhD	Urban and regional planning, water planning and management, infrastructure planning and management, planning techniques
Poonam Prakash	Professor	B.Architecture, M.Planning (Housing), Ph.D.	Town Planning, Housing, Planning Education, Planning Practice
Priti Deo	Assistant Professor	M. Planning with specialization in Regional Planning M.A. in Geography	Regional Planning, Geoinformatics in Planning, Demography and Urbanization, Planning techniques
Papiya Bandyopadhyay Raut	Assistant Professor	Master of Planning with specialization in Regional Planning. Pursuing Phd	Regional Planning , Rural Development, Informal Sector, GIS .
Piyooosh Singh	Assistant Professor	B. Arch, MCP (Masters of City Planning)	History of Settlements, Site Planning,

Sairam Dasari	Assistant Professor	Masters in Planning (Transport Planning)	Transport Modelling, Land use transport planning, Active Mobility, E-Mobility, Public Transport and logistics
---------------	---------------------	--	---

#### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Mahavir	VII	IV	Planning for Regions	2
	II	I	Geo-informatics for Planning - I	2
	VII	IV	Planning and Design Studio (Regional Plan)	5
	III	II	Planning and Design Studio (Land Use and Transport)	3
	VIII	IV	Thesis	9
Ashok Kumar	III	II	Planning Theory – I	3
	IV	II	Planning Theory – I	3
	VI	III	Planning Studio (Master Plan Preparation)	5
	V	III	Planning Studio (Master Plan Preparation)	5
	VIII	IV	Thesis and Terminal Project	6
	VIII	IV	Water Security and Sustainable Planning and Development	1
Mayank Mathur	I	I	BP1.07 Planning Studio I	8
	V	III	BP5.01 Housing	2
	VII	IV	BP7.04 Dissertation & Training Seminar	2
	IV	II	BP4.05 Urban Design & Conservation	2
	VIII	IV	BP8.02 Thesis and Terminal Project	10
Rabidyuti Biswas	III	II	Planning Techniques II	2
	III	II	Infrastructure Planning II	2
	VI	III	Planning Studio (Master Plan Preparation)	8
	VII	IV	Planning Studio (Regional Plan Preparation)	8
	VIII	IV	Thesis and Terminal Project	6
Poonam Prakash	I	I	Planning Techniques I	2
	II	I	Planning Studio II	8
	III	II	Planning Techniques II	2
	V	III	Planning Studio V (Zonal/Subzonal) Planning Practice I	8 1
	VII	IV	Planning Communication IV	1

	VIII	IV	Thesis Planning Practice and Legislation	6 2
Priti Deo			Applied for study leave for pursuing Ph.D.	
Papiya Bandyopadhyay Raut	II	I	Site and Land Development	1
	III	II	Ecology and Resource Planning	3
	V	III	Informal Sector	3
	V	III	Rural Resource Planning	2
	VI	III	Planning for Regions	1
	VIII	IV	Thesis Supervision	15
			Was on CCL from 11.8.21 to 17.12.21 However, theory subjects were taken up during this leave period.	
Piyoosh Singh	I	I	Culture and Cities	3
	I	I	Planning Communications-I	4
	I	I	Planning Studio-I	11
	II	I	Planning Communications-I	2
	II	I	Planning Studio-I	11
	VIII	IV	Thesis/Terminal Project	6
Sairam Dasari	I	I	Planning Techniques – I	2
	II	I	Site and Land Development	2
	III	II	Transport Planning – I	3
	III	II	Land use and Transport aspect studio	11
	IV	II	Planning communication – III	2
	IV	II	Site Planning studio	11
	V	III	Transport Planning – II	3
	VI	III	Land economics and Location theory	3
	VIII	IV	Thesis and Terminal project	6

#### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Sairam Dasari	II	I	Transport Lab (Transport Planning Department)	2
	III	II	Quantitative techniques and software application (Transport Planning Department)	1

## 6. Details of Teaching Work Undertaken by Visiting Faculty

Name of the Faculty	Semester	Subject	Theory/ Studio	Hours Per Week
<b>Odd Semester November 2021 to April 2022</b>				
Ms. Ankita Mandal	I	Fundamentals of Urban & Regional Planning	Theory	3
Ms. Prabh Bedi	I	Computer Applications-I	Theory	3
Mr. Arindam Jana	I	Quantitative Methods for Planners	Theory	3
Mr. Amaan Hasan	I	Planning Communication-I	Studio	4
Ms. Parul Kapoor	I	Planning Communication-I	Studio	1
Ms. Geetika Anand	I	Planning Studio-I	Studio	11
Mr. Ravi Inderjit Singh	I	Planning Studio-I	Studio	11
Ms. Shilpi Pathak	I	Planning Studio-I	Studio	9
<b>Odd Semester August 2021 to November 2021</b>				
Ms. Prabh Bedi	III	Geo Informatics for Planning-II	Studio	3
Dr. Smriti Ashok	III	Geo Informatics for Planning-II	Studio	3
Mr. Pankaj Kant	III	Planning Studio-Land Use and Transport	Studio	11
Upendra Kumar Aleti	III	Planning Studio-Land Use and Transport	Studio	11
Mr. Rajeev Roy	III	Planning Studio-Land Use and Transport	Studio	6
Mr. Ram Khandelwal	V	Project Formulation, Appraisal and Management	Theory	3
Ms. Uzma Azhar	V	Settlement Sociology	Theory	3
Ms. Ankita Mandal	V	Planning Practice-I	Theory	2
Ms. Smita Singh	V	Real Estate Development and Management	Theory	2
Ms. Smita Singh	V	Planning Studio - Sub City Plan	Studio	11
Mr. Abhishek Jain	V	Planning Studio - Sub City Plan	Studio	6
Mr. Sunil Mehra	VII	Planning Legislation	Theory	3
Ms. Hridi Kaul Jalali	VII	Planning Communication-IV	Studio	2
Prof. Vijay Kumar Dhar	VII	Planning Studio -Regional Plan	Studio	11
Ms. Arpita Goyal	VII	Planning Studio -Regional Plan	Studio	6
Varun Kaushik	VII	Urban Renewal	Theory	2
Rahul Sharma	VII	Impact Assessment Techniques	Theory	2
Ms. Amrita Anand	VII	Politics, Planning and Development	Theory	2

**Even Semester January 2022 to August 2022**

Name of the Faculty	Semester	Subject	Theory	Hours Per week
<b>Even Semester May 2022 to August 2022</b>				
Ms. Shilpi Pathak	II	Cities in History	Theory	4
Ms. Uzma Azhar	II	Introduction to Social Sciences	Theory	4
Mr. Harpal Dave	II	Economics for Planners	Theory	4
Mr. Monis Khan	II	Geo Informatics for Planning-I	Theory	4
Ms. Parul Kapoor	II	Planning Communication -II	Studio	1
Mr. Amaan Hasan	II	Planning Communication -II	Studio	2
Mr. Pradeep Prakash	II	Planning Communication -II	Studio	2
Mr. Ravi Inderjit Singh	II	Planning Studio II	Studio	11
Mr. Varun Kaushik	II	Planning Studio II	Studio	9.5
Ms. Shilpi Pathak	II	Planning Studio II	Studio	7.5
Ms. Niharika	II	Planning Studio II	Studio	7.5
<b>Even Semester January 2022 to May 2022 and May 2022</b>				
Ms. Shilpi Pathak	IV	Planning Indian Cities	Theory	3
Ms. Prabh Bedi	IV	Demography and Urbanization	Theory	3
Ms. Varsha Borde	IV	Landscape Planning & Design	Theory	3
Ms. Hridi Kaul Jalali	IV	Urban Design & Conservation	Theory	2
Mr. Amaan Hasan	IV	Planning Communication -III	Studio	3
Ms. Parul Kapoor	IV	Planning Communication -III	Studio	1
Ms. Smita Singh	IV	Planning Studio -IV (Site Planning)	Studio	11
Mr. Abhishek Jain	IV	Planning Studio -IV (Site Planning)	Studio	11
Mr. Abhishek K. Venkitaraman	IV	Planning Studio -IV (Site Planning)	Studio	11
Prof. Vijay Kumar Dhar	VI	Urban Governance and Management	Theory	2
Ms. Meenakshi Pawar	VI	Environmental Planning	Theory	2
Dr. Mukesh Mathur	VI	Urban Finance	Theory	2
Mr. Sandeep Reddy	VI	Development Planning	Theory	3
Mr. Himadri Shekhar Dey	VI	Elective: Climate Change, Disaster Risk and Resilience	Theory	2
Prof. Vijay Kumar Dhar	VI	Planning Studio -VI (Development Plan)	Studio	11
Ms. Arpita Goyal	VI	Planning Studio -VI (Development Plan)	Studio	11
Ms. Prabh Bedi	VI	Planning Studio -VI	Studio	6

		(Development Plan)		
Mr. Ankur Goel	VIII	Professional Practice and Legislation	Theory	2
Mr. Ram Khandelwal	VIII	Invited Elective	Theory	2
Mr. Rajeev Malhotra	VIII	Terminal Project/ Thesis	Studio	9
Ms. Hridi Kaul Jalali	VIII	Terminal Project/ Thesis	Studio	6
Ms. Prabh Bedi	VIII	Terminal Project/ Thesis	Studio	4
Mr. Sunil Mehra	VIII	Terminal Project/ Thesis	Studio	4
Mr. Y.P. Sachdeva	VIII	Terminal Project/ Thesis	Studio	7
Mr. Piyush Kansal	VIII	Terminal Project/ Thesis	Studio	6
Dr. Mana Chabra	VIII	Terminal Project/ Thesis	Studio	2
Ms. Vaishali Girje	VIII	Terminal Project/ Thesis	Studio	1

## 7. Details of Studio Work Undertaken by Students

S.No	Semester	Title of the studio assignment
1	1 <sup>st</sup> semester, 1 <sup>st</sup> Year	<p><b>Studio title: Appreciate the concept of neighbourhood and basic characteristics of a neighbourhood: Case studies - Green Park, Gulmohar Park and Neetibagh, Hauz Khas, Safdarjung Development Area, Sukhdev Vihar and Chittaranjan Park</b></p> <p>This studio introduced the students with the basic concepts of FAR, built form, built density etc. They were also introduced with the basic concepts of mapping an area and recording information at neighbourhood level through creation of base map and presenting information using various representation techniques at appropriate scale. The primary work was embedded in the appreciation of neighbourhood concept through literature review and secondary case studies. The objective was to appreciate the concept of neighbourhood and basic characteristics of a neighbourhood and detail out one or two streets within the neighbourhood in Delhi (Green Park, Gulmohar Park and Neetibagh, Hauz Khas, Safdarjung Development Area, Sukhdev Vihar and Chittaranjan Park) through primary work. The main focus of the exercise was to develop observation and mapping skills.</p>
2	2 <sup>nd</sup> semester, 1 <sup>st</sup> Year	<p><b>Studio title: Area Appreciation and Land Use Study</b></p> <p>This exercise focused on understanding the process of transformation in residential areas of Delhi Zone F. The aim was to develop an understanding of how given residential areas have developed and transformed over time, appreciate the area in terms of its evolution, built form, legality, housing ownership, street patterns and associated infrastructure. The factors that shaped such transformations and the manner in which planning anticipated and accommodated such change. In this assignment the students studied about various land uses (and of varying hierarchies) shown in the Master plan: (Commercial, Industrial, Institutional, Transportation, Utilities and Recreational) and land use zoning as given in plan documents and its application through a</p>



		selected case in Delhi. The objective was to develop understanding of basic concepts of land use planning such as categorization, hierarchy, permissibility and compatibility etc. and the requirements and impact of predominant activities in a particular land use.
3	3 <sup>rd</sup> semester, 2 <sup>nd</sup> Year	<p><b>Studio title: Integrating Transit Access in Local Level Plans: Case study- Delhi</b></p> <p>The 2nd year III semester B. Planning students (36) have prepared the Integrating Transit Access in Local Level Plans: Case study- Delhi. The main objective of the introductory course in Traffic and Transportation planning is to enable the students to appreciate the interaction between land use and transportation aspects, sustainable mobility and develop skills in conducting and analyzing various traffic and transportation surveys used in planning. Due to the outbreak of COVID-19 and the situation around the world has been drastically changed. Looking into the safety perspective and the institution guidelines it has been decided there will be no site visit as an overall class and keeping in mind the new normal situation the data collection part of the studio is proposed to divide into two stages to achieve the studio objectives. Stage 1: Traffic and Travel Surveys (at their respective home towns) which helped them to understand how to conduct the transportation surveys. Stage 2: Selected Delhi metro stations primary data has been shared with students and the students who all are residing in Delhi NCR Region helped the rest of the class in secondary data collection and site pictures to understand the site area. The study conclude with a transit access improvement plan keeping in mind the key principles of integration of land use and transport aspects and promotion of sustainable modes.</p>
4	4 <sup>th</sup> semester, 2 <sup>nd</sup> Year	<p><b>Studio title: Site Planning ; Case study – Najafgrah and Arjun garh</b></p> <p>This studio seeks to develop skills in site planning with an emphasis on the housing aspect of an area. Concepts of neighbourhood planning and their application in land development are given importance. A neighbourhood is a unit towards detailing out of a master plan. It requires the arrangement of housing units along with the required recreational, school, shopping and other facilities. It also has a socio-cultural value. A well planned neighbourhood will promote feelings of homogeneity and community living amongst their residents. The development of concepts that seek to do so should be a major objective of planning. The basic design elements of a neighbourhood are its land division, street layout, and infrastructure provisions, built form and planned open spaces. These must be integrated in a functional and pleasing manner. In a broader sense, the neighbourhood must also relate with the planning and growth of the area around it. Therefore, an analysis of the demographic, socio-economic and physical characteristics of this area is needed to develop concepts that are relevant to the context of the neighbourhood. Factors such as the location and type of land uses and infrastructural facilities require to be considered along with the existing and proposed patterns of future</p>

		growth. An analysis of the probable development costs is also necessary to assess the feasibility of the project. This analysis must consider the site conditions, proposed infrastructure and the local development byelaws and development controls.
5	5 <sup>th</sup> semester, 3 <sup>rd</sup> Year	<p><b>Studio title: Sub City Plan for</b></p> <p>This studio attempts to understand this relationship between different levels of plan. Lower order plans are usually statutory documents and act as link between the master plans, and lay out plans. Lower order plans are significant for plan implementation. These detail out the policies of the Master Plan as well as act as a feedback mechanism for it. The studio helped internalize some of the concepts and planning terminology already learned in theory subjects. For instance, the studio explored the practice and limitations of rational and comprehensive planning approach, types and levels of plans. Appreciated the significance of norms and standards, subdivision regulations and development controls for ensuring planned development for a given city.</p> <p>The studio is organized in three stages. First stage is to understand the planning system in India as well as in some parts of global south. This stage helped to appreciate the legal framework and statutory plans in selected national and international cities. In the second stage, theme/sector/concept in the master plan for the purpose of detailing it at the lower level. Final stage is proposal stage for the specific theme/sector/concept in the selected area/zone.</p>
6	6 <sup>th</sup> semester, 3 <sup>rd</sup> Year	<p><b>Studio title: Preparation of Master Plan for Thiruvananthapuram 2041</b></p> <p>The 3 year VI semester B. Planning students (36) have prepared the Master Plan for Thiruvananthapuram, 2041 in their planning studio. The objective of the studio was to learn the process, techniques of preparation of a development plan taking a town. This time the students have selected Thiruvananthapuram City to prepare a development plan for the city. The students were guided to contact the resource persons and officials to collect data and do necessary online surveys as the students could not go to the field to collect data and do the field survey due to COVID 19. The students analyzed different aspects of development of the selected city. The students identified one of the approaches to develop the city as a 'city of peace' and the proposals for the development of Thiruvananthapuram were recommended for making Thiruvananthapuram as city of peace. The work of the students has been appreciated by the jury. Due to the good work done by the students two faculty and six students were invited by the city administration for a consultative meeting on Thiruvananthapuram as a 'City of Peace in Making' where students presented the development proposals to make the Thiruvananthapuram as a 'City of Peace in Making'.</p>
7	7 <sup>th</sup> semester,	<p><b>Studio title: District Development Plan: Shamli, UP Sub-Region, NCR</b></p>

	4 <sup>th</sup> Year	The 4 year VII semester B. Planning students have prepared the District Development Plan for Shamli in their planning studio. The primary goal of this planning studio is to learn about approaches and methodologies for the preparation of a regional, sub-regional, district or block development plan comprising of few urban and several rural settlements. In this studio exercise, Shamli District in Uttar Pradesh Sub-Region in NCR is selected as a case study area for the preparation of District Development Plan. Students understand the concept of region, regional planning, decentralized planning, the scale of the region and techniques along with the concepts of district development planning approaches, techniques, process of preparation of district development plans, etc. Students studied the regional context of the identified district, land utilization, demography, economy, agriculture and allied activities, transportation, housing, physical & social infrastructure, environment & disaster management, tourism, governance & finance, and rural development for the purpose of preparing a District Development Plan for Shamli. The work of the students has been appreciated by the jury. Due to the good work done by the students.
--	----------------------	--

### 8. List of Thesis Topics

S. No.	Name of the Student	Thesis Topics	Name of Guide(s)
1	S K Srinivasa Naidu	Assessment of Green Spaces Conservation in the Urban Areas of Delhi	Mayank Mathur
2	Aakash Bhagat	Issues of Counter Magnet Cities around a Metropolitan City	Papiya B. Raut
3	Aatish Kumar	Assessing the Inclusivity of Disabled in the Smart Cities	Parul Sharma
4	Abhishek Luke	Financial Feasibility of Slum Redevelopment through Data Analysis	Ruchita Gupta
5	Aman Preet Singh	Land use Compatibility around the Airport in Mega Cities	Prabh Bedi
6	Anmol Mahendr	Online Studios and Learning Outcomes in Planning Education	Poonam Prakash
7	Anupriya Aggarwal	The power of Maps: Assessing the Processes and Outcomes of Mapping through a Participatory	Poonam Prakash
8	Anushka	Compact Cities: Implications at a	Rajeev
9	Arshiya Jain	Integrating Child-friendly Communities in Urban Areas	Sunil Mehra
10	Dibakar Mallick	Assessing Implementation of Tribal Development Programmes and Schemes	Papiya B. Raut
11	Geetanjali	Community based Planning for Urban	R Biswas
12	Harshit Panchal	Transportation Land use and Environmental Implications of	Rajeev Malhotra
13	Janapareddy Jishnu Teja	Methods to promote agriculture in Urban Planning	Piyoosh Singh

14	Janhvi	Behaviour Insights in Urban Policies and Plans	Poonam Prakash
----	--------	--	----------------

## 9. Details of the Ph.D Thesis Topics

S.No.	Name of the Student	Thesis Topic	Thesis Guide(s)
1	Mr. Suresh Babu Ponduri	Approaches to Procurement of Land for City Planning and Development: Comparison of Navi Mumbai and Greater Noida	Prof. Dr. Ashok Kumar
2	Mr. Lalit Kumar	Impact of Private Urban Development on Different Socio- Economic Groups	Prof. Dr. Ashok Kumar
3	Mr. Ajay Kaushal	Inter- Policy Coherence for Better City Planning	Prof. Dr. Ashok Kumar
4	Mr. Parul Sharma	Developing Accessible urban spaces for Persons with Disabilities in India	Prof. Dr. Ashok Kumar
5	Ms. Sundus Samreen	Flooding and Resilience: A Case Study of Srinagar City	Prof. Dr. Ashok Kumar
6	Ms. Shilpi Bhaskar	Spatial Transformation of Cities Post 1991 Reforms – A Case Study of Surat	Prof. Dr. Ashok Kumar
7	Mr. Ankush	Water Sensitive Planning for NCT of Delhi	Prof. Dr. Ashok
8	Ms. Chitra S Jain	Role of Citizens Participation in Master Plans: Indian Scenario	Prof. Dr. Poonam Prakash
9	Ms. Neha Verma	Spatial perspective on women's primary health care	Prof. Dr. Poonam Prakash
10	Ms. Swara Shah	Role of diverse interests in implementation of street vending provisions	Prof. Dr. Poonam Prakash
11	Ms. Tarisha Gaurav	Developing conceptual framework to understand Indian cities having focus on	Prof. Dr. Poonam Prakash
12	Ms. Parul Kapoor	Role of SPV'S in Indian Urban Infrastructure Projects	Prof. Dr. Poonam Prakash
13	Ms. Ashu Chaudhary	Framework for Redevelopment for Old Government Housing	Prof. Dr. Poonam Prakash
14	Ms. Aarti Nagpal	Role of People - Participation in Sustainable Development at Local - Level	Prof. Dr. Poonam Prakash Dr. Shweta Manchanda
15	Ms. Shethal B.S.	Framing of Grassroot Level Human Development Index for Policy and Planning	Prof. Dr. R. Biswas
16	Ms. Savitri	Water Governance of Delhi	Prof. Dr. R.

## 10. Details of Research Projects

Name of the Project	Sponsored/Funded by	Project Team	Project Coordinator
Water Security and Sustainable Development	UKERI	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas	Ashok Kumar
Amrit Sarovar, Hindu Rao Baoli	Ministry of Housing and Urban Affaire	Meenakshi Dhote, Rabidyuti Biswas	Rabidyuti Biswas as INO
Preparation of Handbook on Spatial Planning for RURBAN Cluster	Ministry of Rural Development	Ashok Kumar, Rabidyuti Biswas, P.S.N Rao	Ashok Kumar
Water Security and Sustainable Development	UKERI	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas	Ashok Kumar
The Impact of COVID-19 on Water Security and Inequality in New Delhi.	UKERI	Ashok Kumar,	Ashok Kumar
Preparation of Handbook on Spatial Planning for Rurban Cluster	Ministry of Rural Development	Ashok Kumar, Rabidyuti Biswas, P.S.N Rao	Ashok Kumar
Going Global Partnerships Exploratory Grants	British Council	Cat Button, Ashok Kumar, Arindam Biswas	Cat Button
Developing Trip Generation rate for Indian Cities	CSIR-CRRI	Sairam Dasari	Sairam Dasari

## 11. Details of Consultancy Projects

Name of the Project	Name of the Client	Project Team	Project Coordinator
CMMP Gurugram	GMDA, Haryana	Prof. Dr. Sanjay Gupta Prof. Dr. Sewa Ram Sh.Sairam Dasari	Prof. Dr. Sanjay Gupta
CMP Dwarka	DDA, Delhi	Prof. Dr. Sanjay Gupta Prof. Dr. Sewa Ram Dr.Chidambra	Prof. Dr. Sanjay Gupta

		Sh.Sairam Dasari	
Integrated mobility plan for upper terminal Point, Mussoorie under Dehradun-Mussoorie ropeway Project	UTDB	Prof.Dr.Sanjay Gupta Prof.Dr.Manoj Mathur Sh.Sairam Dasari	Prof .Dr. Sanjay Gupta
Preparation Master Plan for New Noida	Noida Development Authority	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
Preparation of Two District Development Plans and Four Master Plans, Assam	NHPC	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
NCR Plan 2041	NCRPB	P.S.N. Rao, Ashok Kumar, Sanjukta Bhadhury, Meenakshi Dhote, Sanjay Gupta, Rabidyuti Biswas.	P.S.N. Rao
Social Disability Audit for Selected Road Sections of Delhi	Government of NCT Delhi	P.S.N. Rao, Ashok Kumar, Sanjay Gupta, Rabidyuti Biswas.	P.S.N. Rao
Preparation of Layout Plans for Three Sectors in Greater Agra	Agra Development Authority	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
Sectoral Plan for Baddi	BBD Authority	Mayank Mathur, Mahavir, Ashok Kumar, Rabidyuti Biswas, Poonam Prakash	Mayank Mathur
Preparation Master Plan for New Noida	Noida Development Authority	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
Preparation of Two District Development Plans and Four Master Plans, Assam	NHPC	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
Evaluation of the Draft NCR Plan, 2041	NCRPB	P.S.N. Rao, Ashok Kumar, Sanjukta Bhadhuri, Meenakshi Dhote, Sanjay Gupta, Rabidyuti Biswas.	P.S.N. Rao

Social Disability Audit for Selected Road Sections of Delhi	Government of NCT Delhi	P.S.N. Rao, Ashok Kumar, Sanjay Gupta, Rabidyuti Biswas.	P.S.N. Rao
Preparation of Layout Plans for Three Sectors in Greater Agra	Agra Development Authority	Ashok Kumar, P.S.N. Rao, Rabidyuti Biswas.	Ashok Kumar
Sectoral (Zonal) Plan for Baddi Barotiwala Special Area	BBD Authority	Mayank Mathur, Ashok Kumar, Rabidyuti Biswas, Poonam Prakash	Mayank Mathur
Review of Master Plan and Preparation of a Sectoral Plan for Baddi Barotiwala Nalagarh	Baddi Barotiwala Nalagarh Development Authority	Prof. Mayank Mathur, Prof. Mahavir, Prof. Ashok Kumar, Prof. R. Biswas, Prof. Poonam Prakash	Prof. Mayank Mathur

## 12. Details of Research Publications

### Mahavir

1. 'Lessons Covid19 Taught Urban Planners: Case of Chandigarh, India' (co-author), published in the Proceedings of the 57th ISOCARP World Planning Congress in Doha, Qatar International Society of City and Regional Planners (ISOCARP), November, 2021. <https://doha2021.isocarp.org/paper-platform/abstract/public/299/lessons-covid19-taught-urban-planners-case-of-chandigarh-india>
2. 'A Capital Functioning from Different Regions' (co-author), Opinion, The Hindu, December 2, 2021. <https://www.thehindu.com/todays-paper/tp-opinion/a-capital-functioning-from-different-regions/article37799018.ece>
3. 'Be Smart, Be with the Basics of Planning: A Case of Gurugram, Haryana, India' (co-author), Chapter contributed in Vinod Kumar, T.M. (ed.) Smart Master Planning for Cities. Advances in 21 st Century Human Settlements, Springer, Singapore, May 2022. [https://doi.org/10.1007/978-981-19-2386-9\\_5](https://doi.org/10.1007/978-981-19-2386-9_5).

### Ashok Kumar

1. Kumar, A., Singh, N., Cooper, S., Mdee, A., and Singhal, S. (2021). Infrastructure Violence: Five Axes of Inequities in Water Supply in Delhi India, *Frontiers in Water: Water and Human Systems*, r 3:727368. doi: 10.3389/frwa.2021.727368.
2. Kumar, A. (2022) The Ethic of Care and Kindness for Urban India at 75, *ITPI Journal*, Vol. 19, No. 2, pp. 1-11.
3. Kumar, L. And Kumar, A. (2022) Bypass Urbanization in India: A Case of Ahmedabad and Kolkata, *Urbanism*.
4. Kumar, A. and D.S. Meshram (Eds.) (2022) *Future of Cities: Planning, Infrastructure, and Development*, Routledge, New York.

5. Kumar, A. and D.S. Meshram (Eds.) (2021) Sustainable Development Goals and the Indian City: Inclusion, Diversity and Citizen Rights, Routledge, New York.

#### **Mayank Mathur**

1. Gopal, A, **Mathur, M** and Singh, M (Winter, 2019) Change in Urban Form: Approaches for Assessment and Analysis in Temple Cities of Thanjavur, Tamil Nadu, India, Journal of Architectural and Planning Research, Volume 36, Number 4, Winter 2019, 303-320 (hard copy received in 2021-2022).
2. Kapoor, S, Sehgal, V, **Mathur, M** (2022) 'The Role of Spatial Configuration in Enhancing the Environmental Ambiance for Devotional Ecstasy at Temple Towns of Braj Mandal', International Journal of Religious Tourism and Pilgrimage ISSN: 2009-7379, Volume 10(i) 2022.

#### **Rabidyuti Biswas**

1. Sheetal B. Srinivas and Rabidyuti Biswas (2022) Tool for Assessment of Sustainable Development in Rural Areas in India, in International Journal for Innovative Research in Multidisciplinary Field, Vol 8, Issue 2, 2022.
2. Maheshwari Gupta and Rabidyuti Biswas (2021) Structuring Water Polices in India: An Overview and Way Forward, Nagar Lok, Volume LIII, Issue 4, Dec 2021.

#### **Poonam Prakash**

1. Prakash, P. and Ila, Sharma, Book Review of the book titled On Becoming a Person by Carl Rogers, *Here and Now*, ISABS Magazine, February 2022.
2. Prakash, P. Book Review of the book by Karim, F. titled Of greater dignity than riches, Austerity and housing design in India, Himachal Pradesh University Journal, Vol 9, No.2, Dec 2021.
3. PRAKASH, P. (2022) Future of Zoning, Book Chapter in the Book titled *Future Cities*, Routledge, India.
4. Chaudhary, A., Agarwal, A., Jahnvi, Prakash, P., Singh, S.(Editors) (2022) Report on Land Pooling Policy – a paradigm shift : Exploring the shifts in town planning processes in Delhi, SPA publications, Delhi.

### **13. Details of Membership in Committees/Editorial Boards/Any other**

#### **Mahavir**

##### **National**

1. Expert Member (online), Selection Committee for Selection of Faculty, SPA, Vijayawada, 08 July, 2021.
2. Expert Member (online), Selection Committee for Selection of Faculty, IIT, Kharagpur, 04 October, 2021
3. Expert Member and Nominee of the CoA (online), Selection Committee for Selection of Faculty, NSUT, Dwarka, New Delhi, 12 December, 2021.



### **Ashok Kumar**

1. Spatial Planning Expert Committee (SPEC), Ministry of Rural Development, Government of India, New Delhi
2. Departmental Research Committee of SPA Bhopal, Bhopal, Madhya Pradesh
3. Faculty of Physical Planning and Architecture, GNDU, Amritsar, Punjab.
4. Executive Committee of the ITPI, New Delhi
5. Chief Editor of the ITPI Journal and Planners' Newsletter

### **Mayank Mathur**

1. As expert external member of Advisory Board at Amity University Uttar Pradesh
2. As external Member of M. Plan Program of MIT School of Architecture
3. Member Doctoral Scrutiny Committee in the Department of Architecture and Regional Planning at IIT Kharagpur for the Viva Voce of their research Scholar
4. As examiner for the M Plan Studio for DCRUST Murthal
5. Member of Expert Team for assessment of M Planning, B Planning etc. at the following Institutes Sushant University, Gurgaon, Gateway College of Architecture and Design, Suder Deep Group of Institution

### **Rabidyuti Biswas**

1. Secretary, Town Planning Examination Board, ITPI
2. Secretary , Associateship Examination, ITPI
3. Member, Educational Standing Committee, ITPI
4. Member, Evaluation Committee (ITPI) for evaluation of Planning Courses in India
5. Member and Reviewer, Academic Journal of Applied Engineering of International Association of Scientists and Researchers

### **Poonam Prakash**

1. Board Member, Board of Governors, Ambedkar University
2. Member, Finance Committee, Ambedkar University
3. Member, IQAC Cell, Ambedkar University
4. Board Member, Transactional Analysis Center for Education and Training
5. Paper Setter, State Entrance Exam for B.Architecture and B.Planning, Maharashtra
6. Reviewer, Nagarlok Journal
7. Paper Setter, Ph.D. entrance Exam, SPA Vijaywada
8. Paper Reviewer, Urban India Journal
9. Jury Member, NIRMA University, Thesis Jury
10. Coordinator, PG Examination Coordinator, SPA Delhi

### **Sairam Dasari**

1. Member, Sub-Committee/Steering Group for further modification/revision and giving its recommendations to the Apex Monitoring Committee for finalization of Parking Area Plans prepared and submitted by the Civic Agencies.

## **14. Conferences, Exhibitions, Seminars, Workshop Organized**

### **Rabidyuti Biswas**

1. Organized Workshop of 'Valuing Water in NCT Delhi', on World Water Day, 22 March 2022
2. Member of organizing committee for online international training and capacity building programme on 'Resilient Urban Development' 1 to 5 December 2021.

## **15. Papers Presented in Seminars, Workshops, Conferences etc.**

### **Mahavir**

1. 'Contribution of Planned Urban Green Spaces for Promoting Human Health Case of Chandigarh, India' (co-author), presented in the 56th ISOCARP World Planning Congress in Doha, Qatar International Society of City and Regional Planners (ISOCARP), November, 2021 (online).

### **Ashok Kumar**

1. Chairman of a session at the 'International Training and Capacity Building Programme on Resilient Urban Development' SPA, New Delhi, India. 1-5 December 2021.
2. Panelist and Paper Presenter (Generations: CPTED) in a session on CPTED, Anti-Terror and IoT Security in Smart Cities in the conference on 'Crime Prevention Through Environmental Design', SPA, New Delhi, India. 8 January 2022.
3. Paper titled "The Ethic of Care and Kindness for Urban India at 75" presented at the ITPI Conference titled "Urban India at 75: Spatial Planning Initiatives", held at Bhopal Madhya Pradesh.

### **Mayank Mathur**

1. Paper presented on 'Assessing the Sacrality of Religious Historic Destinations: A case of Braj Mandal, India, organised by Chitkara University Doctoral Consortium (CUDC2021) held in virtual mode on November 12-13, 2021.
2. Paper presented on 'Human Psychology and Destination Preference at religious Sites, organised by Chitkara University Doctoral Consortium (CUDC2021) held in virtual mode on November 12-13, 2021.
3. Presented Paper on Challenges of Plan Preparations for their Webinar on Development of Smart City Master Plan held on 4 December 2021 organised by ITPI Bihar Regional Chapter.
4. Invited to Chair the National Online Conference on Planning, Design and Management – 2022, 6<sup>th</sup> to 7<sup>th</sup> May 2022, organized by Town Planning Section, Department of Civil Engineering, College of Engineering Pune for their session I on Housing.

### **Rabidyuti Biswas**

1. Ashok Kumar, Rabidyuti Biswas, Nitin Singh, and Abhilasha Kumar, (2021) Can “Delhi’s Water Policy and Master Plans” achieve objectives of SDG-6? A Case of Water Security in Delhi, World Aqua Congress, August 2021.
2. Ashok Kumar, Rabidyuti Biswas, and Vasudha Sharma, (2021) Water Values in National Capital Territory of Delhi, World Aqua Congress, August 2021.
3. Sheilja Singh and Rabidyuti Biswas, (2021) Critical Review of Existing Policies, Schemes, Programmes and Guidelines Related to Management and Rejuvenation of Water Bodies in India and Delhi, World Aqua Congress, August 2021.
4. Speaker on DIC Webinar Series on ‘Design Thinking and Product Development: Prototype to Making, 15 September 2021.
5. Maheswari Gupta and Rabidyuti Biswas, (2021) Status of Water Policies in India: Finding Potentials for Better Implementation in National Graduate Seminar on Quality of Living in Informal Settlement, organized by School of Public Policies and Governance, TISS, Hyderabad, 19-21 April 2021.
6. Sheilja Singh and Rabidyuti Biswas, (2021), Impact of Surrounding Land Use on Water Bodies, organized by School of Public Policies and Governance, TISS, Hyderabad, 19-21 April 2021.

### **Poonam Prakash**

1. Panellist in online Ph.D. interaction meet organised by the Chandigarh College of Architecture, Chandigarh in June 2021.
2. Delivered a book talk on City Planning in India at Dayalbagh Educational Institute, Dayalbagh in December 2021.
3. Chairperson for Panel 2 , Urban Planning and design in the International Conference, Future is urban organised by Nirma University, Ahmedabad, December 2021.
4. Presented a paper on Significance of Public values for crisis preparedness as part of Associate seminar at the Indian Institute of Advanced Studies , Shimla in March 2022.
5. Chairperson for two sessions at the IUC seminar at the Indian Institute of Advanced Studies, Shimla in March 2022.
6. Presented a paper at an online Panel discussion on City as a classroom: Experiential learning in the urban organised by the IIHS, Bengaluru as part on KNOW project in March, 2022.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

### **Mahavir**

1. Panellist (online), Empowering Young Architects - *Career pe Charcha*, IIA, Karnataka, Bengaluru, 05 June, 2021.
2. Resource Person (online), Round Table Conference on (Draft) Master Plan for Delhi – 2041, organised by the Institute for Spatial Planning and Environment Research (ISPER), India, Panchkula, Haryana, 03 July 2021.
3. Co-organised and participated (online) in the 4<sup>th</sup> CSH Jhabvala Memorial Lecture, delivered by Ar. Ada Karmi-Melamede (Online), 27 September, 2021.

4. Participated (online) in the virtual seminar on 'Collaborative Workflow for Geospatial Knowledge in Digital Cities Ecosystem', organised by Geospatial World, NOIDA, 29 September, 2021.
5. Delivered a Guest Lecture (online) on "Delineation of the NCR: A Case for Trimming it Down", to the participants of Two Weeks Refresher Course on 'Geography, Geographers and Geospatial Technologies', organised by TLC, Ramanujan College and the Department of Geography, Kirori Mal College, University of Delhi, 26 November 2021.
6. Delivered the Valedictory Address at the Certificate Course on "Valuation of Ecosystem Services and Green GDP", organised by the School of Planning and Architecture, New Delhi and the Ministry of Environment, Forest and Climate Change, Government of India, New Delhi, 31 March, 2022.

#### **Mayank Mathur**

1. Participated through online mode in 9th International Conference on Issues and Challenges in Doctoral Research (ICICDR-2021) held on 25th August 2021, organised by Amity University Haryana.

#### **Rabidyuti Biswas**

1. Participated in Colloquium on NITI Ayog Report on Reforms in Urban Planning Capacity in India, held on 11 October 2021, SPA, New Delhi.
2. Participated in the virtual assembly on water security and sustainable development from 8 to 10 February 2022.
3. National Seminar on National Education Policy 2020, organized by SPA New Delhi, 5 September 2021

#### **Poonam Prakash**

1. Attended an online talk on Feminist Mentoring organised by Indian Society of Applied Behaviour Sciences in April 2021.
2. Attended online workshop on log writing in February 2022.
3. Attended a one day seminar on Education Management Systems organised by Bureau of Indian Standards in June 2022.
4. Attended an online webinar on Critical Urban Infrastructure - Identifying and assessing smart and green solutions for efficient disaster risk resilience organised by Institute of spatial planning (IRPUD), TU Dortmund University
5. Attended an online seminar on Redevelopment of railway stations RLDA

#### **Sairam Dasari**

##### **Webinar attended**

1. SPARC Talk Series - VAISHNO DEVI Today and Tomorrow.
2. [Open Training] FDOT Tampa Bay Regional Planning Model (TBRPM / D7).
3. CarbonFreePorts? Towards opportunities not threats for decarbonisation.

4. Connectivity and optimization: Establishing the warehouse of the future.
5. Webinar on "Overview of the Patent System in India.
6. A Blueprint for Safe Community Drone Integration: FLYSAFE.
7. Gender on the Agenda: why transport isn't gender neutral.
8. Connect Karo 2021.
9. Accelerating Parking Reform in the US: Parking in the Space
10. INTALInC Webinar Series: Solutions-led perspectives on inclusive and sustainable mobilities.
11. Scaling DRT - Using a flexible demand platform and a flexible vehicle supply model to grow patronage efficiently.
12. NOSPLAN, NITTE, Bangalore.
13. Side Event at the High-Level Meeting on the New Urban Agenda: Advancing the NUA by Building on the Global Momentum to Reclaim Streets for Pedestrians and Cyclists.
14. Stepping Up: Diversifying Active Travel for Decarbonisation
15. Parking Management Plans in India: Launch Event and Closed.

#### **Participated as Expert**

1. City Climate Alliance Partners consultation on Mobility & Air Quality.
2. Expert speaker on "Inclusive and Resilient Cities for a Sustainable Future 2022 (ICIRC, 2022).
3. Expert talk in National Conference on, "Recent Approaches for Sustainable Development".

### **17. Membership of Professional Bodies**

#### **Mahavir**

1. FITP (1983-26);
2. Life Member, IIPA (No. 4872);
3. Life Member, ISRS (No. L 706)

#### **Ashok Kumar**

1. Fellow Member, ITPI

#### **Mayank Mathur**

1. Fellow Member, Institute of Town Planners, India, New Delhi.
2. Member, Indian Institute of Architects, Mumbai.
3. Registered with Council of Architecture, New Delhi.
4. Member, Indian Institute of Public Administration

#### **Rabidyuti Biswas**

1. Fellow of Institute of Town Planners, India
2. Fellow of International Congress of Environmental Research (FICER)
3. Member, Indian Water Resource Society, Roorkee

4. Member, Institution of Engineers, India
5. Member, Indian Society of Remote Sensing,
6. Member, Institute of Urban Transport, India

#### **Poonam Prakash**

1. Associate, ITPI
2. Member, International Sociological Association

#### **Piyoosh Singh**

1. Associate Member, Institute of Town Planner, India

#### **Sairam Dasari**

1. AITP, IUT

### **18. Additional Information if Any**

#### **Priti Deo**

1. Pursuing Ph.D. (Full Time) at department of Geography, Jamia Millia Islamia University, New Delhi.

#### **Rabidyuti Biswas**

1. External Examiner for M. Planning thesis evaluation in IIT Kharagpur, 2021
2. External Examiner for PhD thesis evaluation of IIT Roorkee, February 2022
3. External Examiner for PhD thesis evaluation of IIT Kharagpur, November 2021
4. External Examiner for PhD thesis evaluation of G.D Goenka University, April 2021
5. External Examiner for thesis of Bachelor of Planning students of SPA Bhopal, 2022.
6. External Examiner for evaluation PhD work in MNIT Bhopal, December 2021
7. External Examiner for the evaluation of PhD work in NIT Calicut, February 2022
8. Examiner for M. Phil desertion for student of IIPA, New Delhi.
9. External Expert for DRC of Amity School of Architecture and Planning, February 2022
10. Interview board member for Department of Regional Planning, 2022
11. Advisory board member of Design Innovation Centre of the School.
12. Member of Senate of the School.
13. Moderation Committee member for the Department of Environmental Planning.
14. Member of Library Advisory Committee of the School,
15. Member of the Selection Committee for selection of CA of the School,
16. Reviewer of books to be published by Routledge, Taylor and Francis Group, 2021 and 2022.
17. Reviewer in the 2nd National Online Conference on Planning, Design and Management – 2022 organized by Town Planning Section, Civil Engineering Department, Col-lege of Engineering Pune from 6 to 7 May 2022.
18. Selection Board member for PG admission for Regional Planning, March 2022.

19. Reviewer for 1st International Conference hosted by K.R. Mangalam, School of Architecture and Design on "Multidisciplinary Aspects of Design: Enhancing the Connections" from 24 June to 26 June 2022 in collaboration with Council of Architecture Training and Research Centre, Bhopal, India and Anhembi Morumbi University, Sao Paulo, Brazil. Along with that, DIAPReM Centre, Department of Architecture, University of Ferrara-Italy, Pilo Mody College of Architecture-Cuttack, and RV College of Architecture- Bengaluru are the Intellectual Partners.
20. Member of convocation committee of the school, 2021
21. Reviewer of Creative Space, an Architecture and Planning Journal.
22. Interview Board Member for direct recruitment of DDA, August 2021.
23. Member of Editorial Board of SPCACE, 2021
24. Member of Selection Committee of Professor, SPA New Delhi, July 2021.
25. Examiner for evaluation of dissertation of IIPA, April 2021.
26. Member of selection committee of administrative staff of the school, 2021.

### **Student/ Faculty Awards or Recognition**

1. Bachelor of Planning students participated in NOSPLAN held in April 2022 at NITTE University, Bangalore and were declared as Runners up.

## 2.3 DEPARTMENT OF ARCHITECTURAL CONSERVATION

### 1. Academic Programs Offered by the Department

- Master of Architecture (Architectural Conservation)
- Doctoral Programmes (Ph.D.) in Architectural Conservation

### 2. Year of Establishment of the Department: 1986

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualification	Areas of Specialization
Anuradha Chaturvedi	Associate Professor and Head of the Department from 1 July 2020 onwards	Post Graduate Program Diploma in Artificial Intelligence & Machine Learning, Certificate in Archaeological Conservation Master of Arts in Conservation Studies, Bachelors Degree in Architecture (First Class), CA/86/10073	Architectural Conservation, Heritage Management, Historic Urban Landscapes and Cultural Landscapes, Sustainable Development, Heritage Information Management Systems.
Priyaleen Singh	Professor	B.Arch, M.Landscape Arch, M.A.Conservation, PhD CA/82/6906	Urban conservation, Cultural landscapes, Historic gardens
T.Lakshmi Priya	Assistant Professor	Masters in Architectural Conservation CA/93/16037	Integrated Urban Conservation, Heritage Management

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Priyaleen Singh	I	I	History & Theory of Conservation (Theory)	1
	II	II	Department Elective (Theory)	1
	III	II	Conservation studio (Studio)	11
	I	I	Conservation Studio (Studio)	11
Anuradha Chaturvedi	I	I	Foundation Course: History, Theory and Criticism (Theory)	1
	I	I	Conservation Studio (Studio)	8



	II	I	Emerging Paradigms (Theory)	1
	III	II	Research Paper I (Theory)	1
	IV	II	Conservation Thesis Studio (Studio)	8
	IV	II	Research Paper II (Theory)	1
T.Lakshmi Priya	I	I	Management of Historic Building Systems (Theory)	1
	I	I	Conservation Studio (Studio)	12
	II	I	Integrated Urban Conservation (Theory)	1
	II	I	Cultural Landscape (Theory)	1
	III	II	Inter Department Elective (Theory)	2
	III	II	Heritage Economics (theory)	1
	IV	II	Conservation Studio (Studio)	12
	IV	II	Management Seminar (Theory)	2

### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
T.Lakshmi Priya	IX	V	1. B Arch Dissertation : "Adaptive Reuse of Heritage Buildings Appropriateness of modern interventions in historic settings and the following change in identity 2. B. Arch Dissertation: "Memory, Interventions, and the India Gate	2
	III	II	Interdepartmental Elective : Assessing the Impact of Development projects on Heritage	

### 6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subject Theory and Studios	Hours per Week
1	Vertika Sharma	II	Heritage law and Jurisprudence	1
2	Shahena Khan	II	Traditional Water Systems & Historic Garden	1
3	Yaaminey Mubayi	II	Elective Sociology /Anthropology	2
4	Shubham Mishra	II	GIS Advanced (Heritage Application)	2
5	Rima Hooja	II I	Archaeology Foundation Course	0.75 16
6	Arun Khanna	II	Archaeology	0.25

7	Shahena Khan	IV	Conservation Thesis Studio	4
8	Shukanta Saha	IV I	Conservation Thesis Studio Conservation Studio	4 1.5
10	Jeyanthi N.	I I	Oral Communication Visual Communication	8 8
11	A.Vijay	I	Management of Historic Building Systems	16
12	Shaista Perveen	I	Conservation Studio	2.5
13	R.S. Jamwal	I	Building Materials and Structural Systems	16
14	Satish Pandey	I	Conservation Lab	16
15	Rashmi Ashtt	I	Planning for Conservation	8
16	Shikha Jain	I	Conservation Studio	3

## 7. Details of Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment & Brief Description
1	I	<p><b>HISTORIC BUILDINGS, SITES &amp; PRECINCTS CONSERVATION STUDIO:</b> The objective of the First Semester Conservation studio is to introduce students to the potentials as well as problems and issues confronting historic buildings and sites through an interdisciplinary approach, and was achieved through specific remote learning modalities due to being online.</p> <p>The students, located in their hometowns in different parts of the country, developed methodologies for understanding, intervening and working in historic areas with focus on historic buildings, complexes and related spaces. The systematic values based integrated approach for safeguarding cultural resources included identification of heritage areas/buildings, interpretation and presentation of their values. The multi-cultural significance associated with various sites/structures was understood, communicated and interpreted. The emphasis on innovative methods of data collection, analysis and inferences for conservation resulted in a wide range of conservation interventions and design proposals for adaptive reuse and regeneration of traditional buildings.</p>
2	II	<p><b>URBAN CONSERVATION STUDIO</b></p> <p>The on-going re-development plans and programs in many historic settlements have brought to the fore the necessity to rethink concerns regarding urban conservation and sustainable management of historic resources. Contemporary planning, with its emphasis on development of new areas and in its neglect of the historic fabric has had an enormously adverse impact on historic towns and cities. In the context of historic settlements in India, heritage towns are repositories of knowledge systems, contain lessons in planning and design that are still relevant today. Therefore, in making a case for their conservation today, it needs to be underscored that the value of these historic</p>

		settlements and their architecture lies not in their visual imagery but rather in the way that these settlements once performed. This studio project will focus on understanding the patterns and agents of transformation in the historic settlements of Chittorgarh, Karaikudi, Faridkot and Junnar, with a view to frame strategies for their conservation. The proposals, in the spirit of conservation will be aimed at not just conserving the architecture but through conservation oriented development, improve the quality of life and habitat of the communities residing in these areas.
3	III	<p><b>CULTURAL LANDSCAPE STUDIO : Strategy towards management and protection of the diverse cultural landscapes in the Indian Context.</b></p> <p>It is important that we are able to recognize, identify and interpret cultural landscapes. Protection, maintenance and management of these cultural landscapes poses a great challenge. The formulation of sustainable management and development strategies for heritage resources within various geographic regions requires responsiveness to exceptional constraints and challenges of diverse ecosystems. Some of these landscapes are identified as vulnerable areas, prone to the devastating impacts of climate change and human-induced stresses. The aim of this studio project was to understand and examine these diverse, complex cultural landscapes and develop sustainable solutions for the management and conservation of these irreplaceable resources. The students selected individually and in groups the cultural landscapes in their urban and rural settings, for a detailed study. They conducted systematic multidisciplinary research and primary surveys. The outputs included detailed documentation of both tangible and intangible heritage resources , assessment of significance/values , delineating their boundaries, mapping of the existing cultural and natural resources, transformations and vulnerabilities. Issues related to management and protection were identified. Comprehensive proposals were formulated for the conservation and management of these cultural landscapes.</p>

## 8. List of Thesis Topics

S.No	Enrolment Number	Name of Student	Thesis Topic	Name of Guide(s)
1	SPA/NS/AC/920	Apoorva Bali	Conservation Strategies For Protection And Management of The Significant Heritage Resources of the Historic Town of Annigeri, Karnataka	T.Lakshmi Priya (Thesis Coordinator) Asso.Prof.Anuradha Chaturvedi, Shahena Khan, Shukant Saha
2	SPA/NS/AC/921	Aswathy D.V	Conservation Management Plan for Arakkal Kettu In Kannur, Kerala	
3	SPA/NS/AC/922	Gayathri.S	Conservation Management Plan For The Rural Landscape of	

			Thirunangur Desams, Tamilnadu	Divya
4	SPA/NS/AC/ 923	Ira Godiyal	Conservation And Management Plan for Riverport Settlement of Rander	
5	SPA/NS/AC/ 924	Maitri Parekh	Conservation And Management Strategies for Railway Heritage in Mumbai	
6	SPA/NS/AC/ 925	Nabiha Fatima	Conservation And Development Plan For Karbala And Shah E Mardan Precinct, New Delhi	
7	SPA/NS/AC/ 926	Rahul Bhola	Re-Envisioning the Future of Historic Hill Town, Reasi, Jammu	
8	SPA/NS/AC/ 929	Rohit Patel	Historic Urban Landscape of Budaun: Conservation & Management Strategies for the Funerary Architecture	
9	SPA/NS/AC/ 930	Sanand Karunakaran	Conservation Management Plan for the Cultural Landscape of Mavelikara	
10	SPA/NS/AC/ 931	Sherab Palzer	Conservation And Management of Railway Heritage at Tindharia	
11	SPA/NS/AC/ 932	R.Subalaksh mi	Conservation and Management Strategies for the Sacred Centers in Cauvery Delta "Navagraha Sthalas ": A Case of Vaitheswaran Koil, Tamilnadu.	
12	SPA/NS/AC/ 933	Suryakant	Conservation And Management Strategies For The Historic Site Of Butler Palace, Lucknow	
13	SPA/NS/AC/ 880	Dharani S Dharan	Conservation Plan and Management Guidelines for Institutional Heritage -Madras Fine Arts College	
14	SPA/NS/AC/ 889	Rachna Rani	Conservation Strategies for the Chief Police Officers Building, Kashmere Gate, Delhi	

## 9. Details of the Ph.D Thesis Topics

S.No.	Name of the Students	Thesis Topic	Name of Guide (S)
1	Mr Vishnu P Prakash	'Thermal Comfort performance evaluation and optimization of the building envelope of complex courtyard based residential	Prof. Dr. Priyaleen Singh

		typology of vernacular heritage in Valluvanad region, Kerala'	
2	Ms. Bulbul Shukla	"Colonial Maidan and Urban Culture: An Inquiry through Collective Memory".	Dr. Anand Wadwekar Prof. Dr. Priyaleen Singh,
3	Ms. Shalini Dasgupta	"Evaluating Adaptive Thermal Comfort in Historic Buildings in India: Heritage Hotels in Warm-Humid Climate"	Prof. Dr. Priyaleen Singh, Dr. Shweta Manchanda
4	Ms. Ibynta Bakmen Tiewsoh	"Community Led approach towards a responsible model of rural tourism to Conserve the Built & Natural Heritage of Meghalaya."	Prof. Dr. Priyaleen Singh
5	Mr. Divay Gupta	"Translocation of Spatial sanctity: A comparative study of the multiple manifestations of Kashis"	Prof. Dr. Priyaleen Singh, Dr. Yaminee Mubayi
6	Ms. Meenal Swapnil Rohankar	"Spirit of the Place manifested in sacred space making: Sacred groves of Madhei basin Western ghats of Goa"	Prof. Dr. Priyaleen Singh
7	Ms. Mekhla Parihar	"Displaced Cultural Heritage: Gendered spatial analysis of Sahariya Tribal habitat of Madhya Pradesh."	Prof. Dr. Priyaleen Singh

## 10. Details of Research Projects

### Anuradha Chaturvedi

Name of the Project	Sponsored/ Funded by	Project Team	Project Coordinator
White Paper on Status and Potential of Historic Urban Villages in Delhi	NIUA-DDA	-	Anuradha Chaturvedi
'Reducing Risk, Raising Resilience: Recovering the Public Spaces of Shahjahanabad through Participatory Conservation and Ecological Urbanism, under MoU	Insight Grant awarded by Social Science and Humanities Research Council Grant of Canada	Shannon Bassett, Smita D Makhija, Mansi Jaluthra, Rishabh Sharma, Jennifer Samuel, GATE scholars	Shannon Bassett Anuradha Chaturvedi – Co-Researcher
Research output in form of 360° degree immersive documentary on Chandni Chowk. 'Reducing Risk, Raising Resilience'.	Insight Grant	Smita D Makhija, Gautam Films	Anuradha Chaturvedi – Co-Researcher
Formulation of an interactive Heritage Building Information Management System for the	DIC, SPA	Arpit Jain, Shinjini Bhattacharya, Bharti Sikri,	Anuradha Chaturvedi – Coordinator

heritage resources of the walled city of Old Delhi – Ongoing, Patent pending for Phase 1 output under DIC		Shabeeb Bilgrami, Karishma, DIC Team	
Research and Documentation for Conservation of Mosque at Jalali (UP), as part of research on small casbah historic towns in the hinterland of Delhi	Outreach initiative	Shaista Perveen, Mahesh Kumar	Anuradha Chaturvedi
Research for Handbook on Lime of Working Group of CED4 of Bureau of Indian Standards	-	GATE Scholars	Anuradha Chaturvedi

## 11. Details of Consultancy Projects

### Anuradha Chaturvedi

Name of the Project	Name of the Client	Project Team	Project Coordinator
Sector Advisor for Heritage for 'Master Plan Delhi -2041' -A NIUA-DDA Project	NIUA-DDA Project	-	Anuradha Chaturvedi
Heritage Impact Assessment of proposed RRTS corridor in Delhi – Final report submitted	NCRTC	T. Lakshmipriya, Dr. Priyaleen Singh, Dr Sewaram, Neelima Yadav	Anuradha Chaturvedi
Heritage Impact Assessment of proposed revised master plan for Jamia Hamdard, Tughlaquabad - Final report submitted	Jamia Hamdard	Nidhi Madan	Anuradha Chaturvedi

## 12. Details of Research Publications

### Priyaleen Singh

1. Singh, Priyaleen. 2021. 'Conserving the Spirit of a Historic Garden'. INTACH, Delhi. 250pgs ISBN 978-81-954731-1-3.

### **13. Details of Membership in Committees/Editorial Boards/Any other**

#### **Anuradha Chaturvedi**

##### **National**

1. Building Lime and Gypsum Products Sectional Committee, CED4, Bureau of Indian Standards(BIS),Manak Bhawan, New Delhi.
2. Council, Civil Engineering Division, Bureau of Indian Standards (BIS),Manak Bhawan, New Delhi.
3. Working Group and BIS Panel for Handbook on Limes and Revision of IS712, Manak Bhawan, New Delhi.
4. Member, ICOMOS National Scientific Committee -Legal, Administrative and Financial Issues
5. Member, ICOMOS National Scientific Committee – Training
6. Member, Senate, Architectural Faculty (Board of Studies), Chandigarh University
7. Chairperson, Selection Committee, Masters programme in Architectural Conservation,
8. Member, Advisory committee, Department of Architectural Conservation,
9. Member, Sub-Committee of Delhi Urban Heritage Foundation constituted to review the Delhi Urban Heritage Foundation Regulations
10. Founder Member, Executive Committee Indian Conservation Architects Community (ICAC)
11. Member, Selection Committee, Masters programme in Environmental Planning

##### **International**

1. Scientific Committee, of 'Journal of Traditional Building, Architecture and Urbanism', published online by International Network of Traditional Building, Architecture and Urbanism, INTBAU.

#### **Priyaleen Singh**

##### **National**

1. Member, Senate, School of Planning and Architecture, New Delhi
2. Member, House Committee, India International Centre, New Delhi
3. Member, Advisory Committee , Department of Architectural Conservation
4. Chairperson, DRC, Dept. of Arch Conservation, School of Planning and Architecture, New Delhi
5. Member, DRC, Dept. of Landscape Architecture, School of Planning and Architecture, New Delhi
6. Member, Selection Board for admission to Masters programme, Department of Landscape Arch, SPA, New Delhi.
7. Member DRC Department of Conservation, Bhopal.
8. Member, Building Committee of Delhi University.
9. Member, ICOMOS India
10. Member Delhi Urban Heritage Foundation' DDA, Delhi
11. Member, Doctoral Scrutiny Committee, Department of Architecture, NIT, Patna

12. Member, Editorial board 'Architecture-Creative space'. Chitkara University, Punjab

### **T.Lakshmi Priya**

#### **National**

1. Member, Moderation Committee, Department of Architectural Conservation SPA-D
2. Member, Selection Board for admission to Masters programme, Department of Architectural Conservation SPA-D
3. Member, Advisory Committee, Department of Architectural Conservation SPA-D
4. Member, ICOMOS India
5. Member, Investment Committee SPA-D
6. Committee constituted for Celebration of 75 years of India's Independence "Azadi ka Amrut Mahotsav"

### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

#### **Anuradha Chaturvedi**

1. Coordination and Organisation of hybrid events, including International webinar "Climate Resilience and Historic Urban Landscapes: Inclusion for Sustainability" organized on World Heritage Day 2022 by the Department of Architectural Conservation and ICOMOS (North Zone) at the School of Planning and Architecture, New Delhi, April 18, 2022
2. Coordination and Organisation of Exhibition and interactive displays on "Climate resilience and Historic Urban Landscapes: Inclusion for Sustainability" organized on World Heritage Day 2022 by the Department of Architectural Conservation and ICOMOS (North Zone) at the NCR and Main Reception, School of Planning and Architecture, New Delhi, April 18, 2022
3. Provided inputs and participated in reviews for online Studio Exercise on 'Reducing Risk, Raising Resilience: Recovering the Public Spaces of Shahjahanabad through Participatory Conservation and Ecological Urbanism, under MoU between SPA, New Delhi and McEwan College of Architecture, Laurentian University, Canada. August – December, 2021 (Online)

### **T.Lakshmi Priya**

1. Organized the Collaborative hybrid webinar between School of Planning and Architecture, New Delhi and ICOMOS India North Zone on 'Climate Resilience and Historic Urban Landscapes: Inclusion for Sustainability' on 18 th April 2022 along with Asso. Prof. Anuradha Chaturvedi.
2. Organized the Launch event for the publication entitled 'Conserving the Spirit of a Historic Garden' by Prof. Dr. Priyaleen Singh on 18 th April 2022.



## **15. Papers Presented in Seminars, Workshops, Conferences etc.**

### **Anuradha Chaturvedi**

1. Presentation on 'Assessing Risk and Resilience: Thresholds of Sustainability of Settlements in Ladakh' at the E-colloquium on North Indian Settlements: Shared Ecological and Cultural Heritage organised by ICOMOS North Zone. August, 2021
2. Presented short Discussant paper for talk on 'Issues off Innovation and Preservation in Japanese City Making from the Meiji to the Post-War Period' by Andrea Flores Urushima, in the M.S. Visvesvaraya –Okakura Tenshin Lecture Series organised by the Japan Foundation, December 11, 2022.

### **Priyaleen Singh**

1. Lecture on "Role of Cultural landscapes in building environmental resilience- Demystifying conservation" in Webinar on 'Advancing towards ecological resilience' organized by S.P.A. Vijaywada on 10 Nov 2021.

### **T. Lakshmi Priya**

1. NSC Conclave, ICOMOS India Operationlising The White Paper From Thought To Action And ICOMOS Activities" on behalf of Prof. Nalini Thakur.
2. Webinar organised by India ICOMOS Committees Theophil, Education and Training, Lafi and Emerging Professionals Working Group (EPWG ) " Discourse towards an Adequate Legal Framework for India's Heritage Protection" Presented Introductory Remarks in the session titled "Complex Heritage Resources and Protection :historic cities, WHCities ,regions and landscapes.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

### **Anuradha Chaturvedi**

1. Presentation on 'Assessing Risk and Resilience: Thresholds of Sustainability of Settlements in Ladakh' at the E-colloquium on North Indian Settlements: Shared Ecological and Cultural Heritage organised by ICOMOS North Zone. August, 2021
2. Participation as Co-researcher for Insight Grant awarded by Social Science and Humanities Research Council Grant of Canada under MoU between SPA, New Delhi Laurentian and University, Canada (September 2021)
3. Participated as Discussant for talk on 'Issues off Innovation and Preservation in Japanese City Making from the Meiji to the Post-War Period' by Andrea Flores Urushima, in the M.S. Visvesvaraya –Okakura Tenshin Lecture Series organised by the Japan Foundation, December 11, 2022
4. Participated in the Valedictory Session of the GDSP Certificate Course on 'Greenbelt Development for Industries' organised by the Department of Environmental Planning, SPA, New Delhi, April 13, 2022

5. Participated (remote) in 13th International Conference 'Terra 2022 13th World Congress on Earthen Architectural Heritage' organized by ICOMOS and Getty Foundation, Santa Fe, USA June 7 to 11, 2022.

#### **T.Lakshmi Priya**

1. Collaborative hybrid webinar between The School of Planning and Architecture, New Delhi and ICOMOS India North Zone (National) on 'Climate Resilience and Historic Urban Landscapes: Inclusion for Sustainability' 18th April 2022 at 11:00 - 1:30pm.
2. Launch (National) event for the publication entitled; conserving the Spirit of a Historic Garden; by Prof. Dr. Priyaleen Singh April 18, 2021 at 3:00pm-5:00pm. Compere and coordinator for the event.
3. Webinar organised by India ICOMOS Committees International Theophil, Education and Training, Lafi and Emerging Professionals Working Group (EPWG) " Discourse towards an Adequate Legal Framework for India's Heritage Protection". 25th January 2022 from 2PM to 7PM Participated and presented Introductory remarks in session II and Session III of the webinar.
4. Webinar, National, on Shri B.N.Tandon Memorial Day on "Scientific approach to material conservation" on 19 October 2021 Presented my views.
5. Theophil, National, ICOMOS India November-January 2022, Participant.
6. National, NSC Conclave 10th December 2021. Attended the discussion Meetings.
7. NSC Conclave, National, NSC Theory and Philosophy 11th December 2021 Presented a paper on "Operationlising The White Paper From Thought To Action And ICOMOS Activities" on behalf of Prof. Nalini Thakur.
8. ICOMOS Hybrid Event National 28th May 2022 Participant on "Critical Reflection on the World Heritage Convention and Its Impact In India

### **17. Membership of Professional Bodies**

#### **Anuradha Chaturvedi**

1. Associate Member of the Indian Institute of Architects
2. Member of the Council of Architecture, India (CA/86/10073)
3. Foundation Member of the Conservation Society, Delhi
4. Founder Member and member of the Executive Committee, Indian Community of Conservation Architects (ICAC)
5. Member, ICOMOS (International Council for Monuments & Sites)

#### **Priyaleen Singh**

1. Member ISOLA,
2. Member ICOMOS,
3. Member INTACH

#### **T.Lakshmi Priya**

1. ICOMOS India

## **18. Additional Information if Any**

### **Anuradha Chaturvedi**

1. Provided inputs and participated in reviews for online Studio Exercise on 'Reducing Risk, Raising Resilience: Recovering the Public Spaces of Shahjahanabad through Participatory Conservation and Ecological Urbanism, under MoU between SPA, New Delhi and McEwan College of Architecture, Laurentian University, Canada. Online. Aug-Dec, 2021
2. Participated in Ministry of Culture (GoI) Stakeholders consultation on the 'Ancient Monuments and Archaeological Sites and Remains Act (AMASR Act) online on 1st December, 2021
3. Contributed to Conceptualization and filming of 360° degree immersive documentary on Chandni Chowk. 'Reducing Risk, Raising Resilience'.
4. Completed Certificate course on Earth Observations Toolkit for Sustainable Cities and Human Settlements under the NASA Applied Remote Sensing Training Program, January-February, 2022. Online
5. Peer Reviewed paper on 'Characterisation of renders and plasters from earthen vernacular heritage in Limari, Chile' for Journal of Traditional Building, Architecture and Urbanism' published by INTBAU, Spain

### **Priyaleen Singh**

1. Manuscript reviewer, National Online conference on Planning, Design and Management NOCPDM-2022 organised by College of Engineering, Pune.
2. Project Reviewer for 3 grant applications from India under 'Endangered Wooden Architecture Programme' funded by Oxford Brookes University, U.K.

### **T.Lakshmi Priya**

1. Organized a special interaction with Ar. Ratish Nanda, Director, AKTC for the students of Architectural Conservation to discuss the Humayun's Tomb conservation project on 10th June 2022
2. Gave an Interview to Krishna Priya Poroori pursuing master's degree in Urban Planning and Policy Design at Politecnico di Milano in Italy on the master's thesis topic "Conservation vs Human Rights".
3. Coordinated with Joint Director General ASI, for providing internships to the second semester students in different circles of Archaeological Survey of India.

## **19. Student/ Faculty Awards or Recognition**

1. Suryakant won IInd Prize in singing competition organized by SPA, Delhi for Azadi Ka Amrit Mahotsav.
2. Ms Shivani Vilas Pikle won the 2nd Prize in the Poetry Competition organized by the School of Planning and Architecture, Delhi for the celebration of Azadi ka Amrit Mahotsav.
3. Sanand Karunakaran won the popular design award through community for proposal for streets of JewTown by capturing the vibrant essence of iconic heritage on the topic "reimagine the streets of Kochi" organized by Cochin Smart Mission limited.

4. Rishabh Sharma made a presentation on Adaptive Reuse Proposal for Jaipur heritage resources at UNESCO Jaipur Nagar Nigam workshop on "Institutional Involvement - Cooperation with Universities", on 4th April 2022.

## **20. Any other information of Relevance**

1. Dr. Rohit Jigyasu, Project Manager, Urban Heritage, Climate Change and Disaster Risk Management, Program Unit, ICCROM visited the Department on 29th April 2022. He interacted online and offline with the students of Architectural Conservation.
2. Prof. Shannon Basset, faculty of McEwan School of Architecture, Laurentian University, Sudbury, Ontario, Canada visited the Department on 8th and 9th November . The students of third semester made a presentation on Khazanchi Haveli, Shahjehanabad and engaged in online collaborative research and studio.

## 2.4 DEPARTMENT OF URBAN DESIGN

### 1. Academic Programs Offered by the Department

- Master of Urban Design
- Ph.D. in Urban Design

### 2. Year of Establishment of the Department : 1979

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Arunava Dasgupta	Professor and Head of the Department	Ph.D; M.Arch. (UD) COA/88/11717	Urban Design
Manu Mahajan	Associate Professor	MSc in Urban Economic Development, University College London. M.Arch. (Urban Design), School of Planning and Architecture, New Delhi B.Arch, NIT, Tiruchirappalli CA/2000/25838	Urban Design, Urban Heritage

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Manu Mahajan	I	2021	Design Studio (T)	3
	I	2021	Design Studio	6
	I	2021	Research Methods	2
	I	2021	Urban History & Development Theory-I (S)	2
	I	2021	Digital Skills for UD	2
	II	2022	Elective (Departmental)	2
	II	2022	Design Studio –II (ST)	6
	II	2022	Design Studio (T)	3
	IV	2022	Thesis Studio (Tutorial)	3

### 5. Details of Teaching Work Undertaken in Other Department

NIL

## 6. Details of Teaching Work Undertaken by Visiting Faculty

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Ujan Ghosh	1	Design Studio	6
	1	Design Studio (T)	3
	2	Design Studio –II (ST)	6
Rajender Singh	3	Design Studio-III	3
	2	Design Studio-II	3
Nishant Lall	1	Urban Form Lab-I	3
	2	Urban Form Lab-I	3
	4	Thesis Studio (Tutorial)	3
Suneet Mohindru	1	Site Planning (L)(W/S)	3
Sanjay Kanvinde	3	Design Studio – III (ST)	6
	4	Thesis Studio (ST)	6
Mriganka Saxena	3	Planning the City-II	2
	2	Planning the City-I	2
Abhimanyu Dalal	4	Thesis Studio (ST)	6
Anuraag Chowfla	4	Thesis Studio (ST)	3
Rajiv Bhakat	1	Urban Design Methodologies	2
	1	Design Studio & Tutorial	6
	2	Design Studio (Tutorial)	2
	4	Departmental Elective (L) Future Cities	3
	4	Thesis Studio (Tutorial)	
Mansi Kataria	1	Site Planning (Workshop)	2
	4	Design Thesis (Tutorial)	3
Rinki Sarkar	1	Urban History and Development Theory I (L)	2
	2	Urban History and Development Theory-II (L)	2
Kanu Kartik Agarwal	3	Departmental Elective-I (Imagining Cities-II )	2
	2	Departmental Elective-I (Imagining Cities -I)	2
Anjula Negi	3	Development Practice/Project Planning & Finance	2
	2	Urban Infrastructure & Housing	2
Divya Chopra	1	Urban Form Lab-I	3
	2	Urban Form Lab- II	3
Vandini Mehta	3	Reading the City ( L & S)	4
	2	Urban History and Development Theory-II (S)	2
Aishwarya Tipinis	2	Urban Policy and Management Framework	2

Marisha Sharma	2	Urban Policy and Management Framework	2
Shveta Mathur	3	Design Studio -III	3
	3	Urban Form Labs –I	3
	2	Participatory Planning and Co-Design Tools	2
	4	Thesis Studio	
Pranav Singh	3	Planning the City- II (L)	2
	2	Planning the City- I (L)	2
Aparna Ash Kanojia	3	Development Practice/ Project Planning & Finance	2
Rwitee Mandal	3	Urban Form Lab-I	3
	4	City Future Lab-I	3
	4	Thesis Studio (Tutorial)	3
	3	Institutional Elective	2
Shamik Sambit Chaterjee	2	Urban History and Development Theory- II (L)	2
Animesh Dev	1	Urban History and Development Theory- I (S)	2
	1	Research Methods	2
	3	Reading the City (S)	2
	2	Urban History and Development Theory- II (S)	2
	2	Institutional Elective-I	2
	4	Departmental Elective	2
	4	Thesis Studio (Research)	1
Adarsha Kapoor	4	City Future Lab-II	3
Amit Sarma	2	Design Studio (Tutorial)	3
	1	Digital Skills for UD	2
Ranjit Mitra	1	Urban History and Development Theory- I (L)	2
	3	Thesis Methodologies	3
		Design Studio (III)	3
Tina Rudra Bali	1	Site Planning (Workshop)	2

## 7. Details of Studio Work Undertaken by Students

Semester/Year	Project Title/Topic	Description
Design Studio-I: First Semester	Discovering Indian Cities	The studio is the introduction of the student to the realm of urban design. The objective is to expose them to the complexities of the design process and to create an understanding of the role of various physical, social, economic and infrastructural components and decision-making processes. Students selected a small area in their native cities/towns for detailed urban design

		studies. Studio culminated with design proposals for five selected locations, undertaken by students in groups.
Design Studio-II: Second Semester	Mission Cities- Kota and Udaipur	The objective of this studio is to hone the theoretical knowledge of the student from the first semester in resolving a design problem on Green Field conditions in a city preferably outside Delhi. The first part of the studio is an introduction to urban design city study, analyzing the various factors that determine the morphology of the city, develop critical positions on trajectories of growth and transformation trends and use analytical findings to develop urban design vision, design strategies and proposals in selected areas of the city. For the third consecutive year, the Department is studying "Mission" Cities.
Design Studio-III: Third Semester	Re-emerging localities of the Indian cities in the post-covid era	The core emphasis of this studio is involvement of user groups and decision-making agencies as a part of project formulation and appraisal. For the past ten years, the department has been working on community-based development frameworks in electoral wards of Delhi. Students selected a small area in their native cities/towns for detailed local area studies with the help of various stakeholders and then proposed a structure plan for the local area.

### 8. List of Thesis Topics

Roll No.	Name of the Student	Thesis Topic	Mentors
UD/895	Anahita Fotedar	Between the Margins Creating equitable spaces in neglected urban areas to safeguard vulnerable communities. A case of Bhalswa, Delhi	Mr. Rajiv Bhakat
UD/896	Anubhav Kedia	A Distinctive Destination: Creating a self sustaining neighborhood by empowering youth.	Ms. Rwritee Mandal
UD/897	Ashwini Siddharth Washik	Homogenization of socio - spatial urban structure: Channelizing local identities growth in small towns. Case of Yavatmal, Maharashtra	Ms. Mansi Kataria
UD/898	Brandon Wankhar	Natural Urbanism: An Urban Design approach to assist the symbiotic development of Built and Natural landscapes.	Ms. Mansi Kataria
UD/900	Faizan Ahmad		



UD/901	Isha Agrawal	Rejuvenating Ecologically Important Open Spaces for Livable and Resilient Cities.A Case of Vadodara, Gujarat	Ms. Mansi Kataria
UD/902	K Hari Chandana	Evoking Topophilia in socio-cultural landscapes of historic urban artefacts through Everyday Heritage approach: Case of Siri fort-Hauz khas precinct	Mr. Manu Mahajan
UD/903	Kapil Kumar	Inconsequent modern smartness; amalgamating indigenous smartness in contemporary urbanity of Jaipur.	Mr. Nishant Lall
UD/904	Karticke Pant	Unhealthy urban life & contaminated water systems: Re-imagining neighborhoods towards generating healthy urban environments through water sensitive urban design. A Case of Raipur, Chhattisgarh	Mr. Nishant Lall
UD/905	Madhav Sharma	In Limbo - Reclaiming Redundant Urban Mobility System A Case of Bareilly, Uttar Pradesh	Mr. Manu Mahajan
UD/906	Maria Simon	Agricultural Urbanism: Creating Balanced Urban-Rural Linkages through Food systems. Case of Kheezhmadu , Cochin	Mr. Nishant Lall
UD/908	Namitha Krishnan	Blurring invisible walls: Eliminating socio-spatial discriminations attached with waste based backyards and waste workers	Ms. Rwritee Mandal
UD/909	Navya K M	Re-imagining the transforming historic core of the city through community integrated regeneration	Mr. Manu Mahajan
UD/910	Nikhil Mallappa Bastawadkar	Mitigating Urban Flood Risks, Case of Mithi River Flood plain, Kurla West, Mumbai	Mr. Nishant Lall
UD/911	Nitika Negi	Rurban centers: Reclaiming community spaces by the youth for better livelihood opportunities. Case of Kalpa village, Kinnaur, H.P	Ms. Rwritee Mandal
UD/912	Rakesh R	Resilient cities - Catalysing development to contest gentrification of people and ecology, through negotiation of aspirations. Case of Chennai.	Mr. Rajiv Bhakat
UD/913	Rishav Kumar	Public Space Consumerism: Reducing the "disparity" in production and consumption of Public Spaces – A case of Patna, Bihar	Ms. Mansi Kataria
UD/914	Saheli Ghosh	Democracy In Public Spaces: Integrating Socio-Spatial Catalysts In A Segregated City Fabric To Democratize Its Public Realm, Case of Newtown, Kolkata	Mr. Rajiv Bhakat
UD/915	Somik Ranjan Beura	Unequal Cities - Strengthening the Post-Industrial city through Urban Regeneration	Mr. Rajiv Bhakat

		of socio-spatial systems: A Case of Rourkela, Odisha	
UD/916	Sushant	In animated socio spatiality by high-rise urbanism: Transforming seams between exclusive and open settlement	Mr. Nishant Lall
UD/917	Tushar Chimankar	Socio-economic regeneration of Marginalized communities in the city core	Ms. Mansi Kataria
UD/918	Vadlakunta Veera Sai Mayusha	Redefining Placeness for Traditional Craft-based Communities in Walled Cities.(A Case of Charminar Area, Hyderabad)	Mr. Manu Mahajan
UD/919	Yagvinder Kumar Mamoria	Paradigm shift: Heightening of urban fragmentation; strengthening urbane conditions for future redevelopments.	Mr. Manu Mahajan

### 9. Details of the Ph.D Thesis Topics

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
SPA/NS/PhD/158/2016-17	Arathy Gopal	"Tourism as a determinant of change in urban form in Temple cities of India."	Prof. Dr. Mandeep Singh	Approved for examination
SPA/NS/PhD/182/2017-18	Advaita Jalan	<b>Revised topic-</b> "Form based Codes for Historic City of Vadodara: Relevance, Criteria & Formulation Process".	Prof. Dr. Arunava Dasgupta	
SPA/NS/PhD/211/2018-19	Vandini Mehta	<b>Revised-</b> "(Re) Locating Urban Periphery"	Prof. Dr. Arunava Dasgupta	
SPA/NS/PhD/196/2018-19	Kamini Singh	<b>Revised-</b> Evaluating Physical Characteristics of public spaces as determinant of Pedestrian comfort perception.	Prof. Dr. Arunava Dasgupta	
SPA/IS/PhD/165/2016-17	Manu Mahajan	<b>Revised-</b> Transformation of Urban Economy and resultant spatial Manifestations in the post Metro Period: Case-Old Delhi"	Dr. Leon A Morenas	
SPA/NS/PhD/195/2018-19	Arpita Dayal	"Connective Urban Liminalities: Everyday environments and Social spaces".	Dr. Leon A Morenas	

#### **10. Details of Research Projects**

NIL

#### **11. Details of Consultancy Projects**

NIL

#### **12. Details of Research Publications**

NIL

#### **13. Details of Membership in Committees/Editorial Boards/Any other**

**Manu Mahajan**

##### **National**

1. Member, Board of Studies, Department of Architecture, Islamic University of Science and Technology, Kashmir.
2. Academic Advisory Board (AAB) for Master's Program in Urban Design- M.Arch (Urban Design) Amity School of Architecture & Planning, Noida.

#### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

NIL

#### **15. Papers Presented in Seminars, Workshops, Conferences etc.**

**Manu Mahajan**

1. Paper presentation on 'Cities in Post-Industrial Economic Conditions', in Summer School on Industrial Landscapes: Reimagining the Role of Landscape in Reviving the Post-Industrial sites, organized by SPA, Bhopal in May 2022.
2. Expert Panel Member for the discussion 'Contests over open spaces, (post-) industrial sites, and the urbanism of Indian cities: social. economic and political agency and the landscape dimension' organized by SPA, Bhopal in May 2022.
3. Paper Reviewer for Urban Design theme in National Online Conference on Planning, Design and Management (NOCPDM 2022), organized by College of Engineering, Pune in May 2022.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

NIL

## **17. Membership of Professional Bodies**

NIL

## **18. Additional Information if Any**

### **Student/ Faculty Awards or Recognition**

1. Three young alumni, Mr. Riyazul Samad Bin Mohammad, Mr. Tejus Augustine and Mr. Apoorv Garg were awarded the YUDAP (Young Urban Designers and Architects Program) Fellowship for a six-month internship in Paris for the period March 2022 to July 2022 by the Government of France. Till this year 13 young alumni from SPA have received this grant.
2. Mr. Abhishek Dey and Mr. Munawar Irfaan's Urban Design Thesis has been awarded special mention in the international competition on student projects held by ISOCARP for the year 2021 in Doha. Two students, Mr. Rudra Sharma and Mr. Hari Krishnan have been selected to present their papers entitled "The Imperceptible Stakeholders: Including the Natural world within the Urban Realm" and "Future of urban Villages: Exploring the Socio-Spatial Integration of temporary Migrants" respectively in the ISOCAP Conference of 2021. Ms. Manasa Garikaparthi and Mr. Shubhajit Bagchi attended the Young Professional Program (YPP) Workshop of ISOCARP, 2021 in Doha.
3. Ms. Shinjini Saha was awarded the Les Atelier award for traveling and attending an international workshop on Livable, Habitable, and Desirable Cities, in Paris during Sept-Oct 2021.
4. Ms. Arunima Saha's paper around her Urban Design thesis on Chinatown in Kolkata titled "Sustaining Multicultural Places from Gentrified Homogenization of Cities" has been published by the Cities Journal through Science Direct in September 2021.
5. Mr. Munawar Irfaan presented his Graduate thesis (MUD) at the International Conference on Future is Urban (ICFU 2021) organized by Nirma University in 2021.
6. Mr. Munawar Irfaan and Ms. Sai Patil published an article titled "Building resilience in coastal cities: A shift in the economic outlook" in GRIHA's annual magazine "Shashwat" (Volume 7, Issue 8).
7. Ms. Shiza Christie presented her Post Graduate Thesis titled "Urban Form and Perceived Safety/Fear – An empirical approach to form-space-activity and perceived safety in women" at the 9th IUDI National Thesis Seminar 2022, under the theme of Phenomenology and Urbanism, representing the School of Planning and Architecture, New Delhi in March 2022.
8. Mr. Yagvinder Mamoria's project titled "Dilli in Sun" has been published among three authors in the booklet, a result of "Things to come", an online Workshop of the Urban Spaces project of the Goethe Institute/ Max Mueller Bhavan New Delhi.
9. A project by Mr. Yagvinder Mamoria and Ms. Anahita Fotedar titled "Urban Tatrix" has been published on Ethos-Arcause to be showcased in a virtual exhibition - ARCAUSE SHOWCASE, under category: Industrial and Infrastructure. This project has also been selected for the Ethos-Saint Gobain Scholarship 2020-2021.

10. Ms. K Chandana co-authored an article titled “Decentralized Power Centre”, which has been published in, A Manifesto for the Just City (Vol. 2); Delft: TU Delft OPEN with Monali B, Niharika G, Vishnupriya V.

**Any other information of Relevance**

1. Center for Urban Design Innovation (CUDi) in the department of Urban Design in partnership with Safetipin and YP Foundation has been awarded a grant from Botnar Foundation, Switzerland to conduct a research project called Cities for Youth: Digital tools to enable youth leadership for urban well-being for three years 2021-24.
2. The Department has secured an academic partnership grant between SPA, NTNU and UCT, Cape Town funded by UTFORSK, Norway for academic exchange, student mobility, joint studios and research collaborations from 2020-2026.
3. As part of the MoU with Heidelberg University, Germany and Kathmandu University, the ongoing research partnership on “Urban Transformation and Place-making: Learning from South Asia and Europe” is continuing with focus on urban villages and old city areas. A set of four introductory online, cross sharing workshops were conducted between faculty and project associates as well as students in July-October 2021.
4. A workshop titled “Community Engagement for Inclusive Planning and Design”, was organized in February 2022 by the Department of Urban Design.
5. Second semester students of Urban Design held a Studio Exchange with the University of Illinois at Chicago (UIC) under the broader theme of Water in the City in March and May 2022.
6. Student work from the Participatory Planning - Urban Design Studio entitled “Reemerging localities of the Indian City in the Covid - Post Covid Times” was presented at A Window in Bern, Exhibition in Kornhaus forum, Bern, Switzerland by the School of Planning and Architecture, New Delhi.

## 2.5 DEPARTMENT OF LANDSCAPE ARCHITECTURE

### 1. Academic Programs Offered by the Department

- Master of Architecture (Landscape Architecture)
- Ph.D Program in Landscape Architecture

### 2. Year of Establishment of the Department: 1971

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Aarti Grover	Associate Professor and Head of the Department from 1 July 2021 onwards	Ph.D. M.L. Arch; B. Arch CA/2001/27327	Landscape Urbanism, Inclusive Urban landscapes, Gender-Sensitive Urban Environment, Urban Ecology, Habitat Design & Zoological Parks Design
Priyaleen Singh	Professor and Head of the Department till 30 June, 2021	B.Arch, M.Landscape Arch, M.A.Conservation, PhD CA/82/6906	Urban conservation, Cultural landscapes, Historic gardens

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Aarti Grover	I	Aug-Dec 2021	LA1.05 Landscape Architecture Studio-I	6
	III	Aug-Dec 2021	LA 3.02 Dissertation	1
	III	Aug-Dec 2021	LA3.04 Landscape Architecture Studio-III	5
	III	Aug-Dec 2021	LA3.05 Department Elective	2
	II	Jan - May 2022	LA2.03 Planting Design, Management & Landscape Economics	1
	II	Jan - May 2022	LA2.04 Landscape Architecture Studio-II	3
	II	Jan - May 2022	LA2.05 Departmental Elective	1
	IV	Jan - May 2022	LA4.02 Landscape Architecture Studio-IV	9

## 5. Details of Teaching Work Undertaken in Other Department

NIL

## 6. Details of Teaching Work Undertaken by Visiting Faculty

S. No.	Name of the Faculty	Semester	Subjects Theory and Studio	Hours per Week
1	Ms. Aakansha Mehta	I	LA1.04, Landscape Engineering-I	1.5
2	Dr. Gauhar Mahmood	I	LA1.02, Hydrology and Geomorphology	02
3	Sh. Harbir Singh Chopra	I	LA1.05, Landscape Architecture Studio-I	06
4	Sh. Minesh Parikh	III	LA3.01, Landscape Engineering-II LA3.04, Landscape Architecture Studio-III	08
5	Dr. Monika Koul	I	LA1.01, Soils LA1.03, Ecology	02
6	Ms. Nandita Parikh	III	LA3.03, Urban and Regional Landscapes LA3.06, Institutional Elective	04
7	Ms. Neeru Gupta	I	LA1.05, Landscape Architecture Studio-I	11
8	Sh. Nikhil Dhar	I	LA1.04, Landscape Engineering-I LA1.05, Landscape Architecture Studio-I	7.5
9	Ms. Poonam Dewan	III	LA3.04, Landscape Architecture Studio-III	09
10	Ms. Poonam Saini	III	LA3.02, Dissertation LA3.04, Landscape Architecture Studio-III	11
11	Sh. Sandeep B. Menon	III	LA3.04, Landscape Architecture Studio-III	09
12	Ms. Savita Bhandari	I	LA1.05, Landscape Architecture Studio-I	06
13	Ms. Savita Punde	III	LA3.04, Landscape Architecture Studio-III	06
14	Dr. Shashank Shekhar	I	LA1.01, Geology	01
15	Dr. Sushma Moitra	I	LA1.03, Plant Taxonomy and Plant Physiology	01
16	Ms. Vina Verghese Biswas	I	LA1.05, Landscape Architecture Studio-I	06
17	Sh. Harbir Singh Chopra	II	LA2.04, Landscape Architecture Studio-II	9
18	Dr. Jai Ghildiyal	II	LA2.01, Remote sensing & GIS	1

			based Land Information System	
19	Sh. Krishan C. Singal	IV	LA4.02, Landscape Architecture Studio-IV	9
20	Sh. Minesh Parikh	II & IV	LA2.04, Landscape Architecture Studio-II LA4.01, Landscape Project Management and Professional Practice	7
21	Ms. Nandini Rewari	IV	LA4.02, Landscape Architecture Studio-IV	10
22	Ms. Nandita Parikh	II	LA2.06, Institutional Elective	2
23	Ms. Neeru Gupta	II	LA2.04, Landscape Architecture Studio-II	11
24	Sh. Nikhil Dhar	II	LA2.04, Landscape Architecture Studio-II LA2.05, Departmental Elective	9
25	Sh. P.S. Uttarwar	II	LA2.01, Remote sensing & GIS based Land Information System	1
26	Ms. Poonam Dewan	IV	LA4.02, Landscape Architecture Studio-IV	6
27	Ms. Poonam Saini	IV	LA2.03, Planting Design, Management & Landscape Economics LA4.02, Landscape Architecture Studio-IV	11
28	Sh. Sandeep B. Menon	II	LA2.02, Theory of Landscape Architecture	2
29	Ms. Savita Bhandari	IV	LA4.02, Landscape Architecture Studio-IV	6
30	Ms. Savita Punde	IV	LA4.02, Landscape Architecture Studio-IV	6
31	Ms. Vina Verghese Biswas	II	LA2.04, Landscape Architecture Studio-II	6

## 7. Details of Studio Work Undertaken by Students

S. No.	Semester	Title of the Studio Assignment & Brief Description
1	I	<p><b>Studio Problem - 1; Book Review:</b></p> <p>To inculcate the habit of reading and interpreting it into visuals.</p> <p>Book-1 Landscape Architecture: A Manual of Site Planning &amp; Design by John O Simonds</p> <p>The students exercised their minds and came up with creative ways to</p>



		<p>demonstrate their understanding of the chapters that were in the book. Each chapter was thoroughly read and illustrated with sketches and diagrams. Finally an entire chapter was represented pictorially with brief inferences.</p> <p><b>Studio Problem - 2; Urban Landscape Mapping Exercise:</b></p> <p>The intent of this exercise was to document any given space for its physical, social and ecological values. As a part of the exercise the students created graphical maps and illustrations that best explained the given space through secondary data. Through this exercise the students developed the skill to document and represent inbuilt spaces. The list of some of the sites studied are:</p> <p>Bryant Park, USA; Central Vista, New Delhi; Stourhead Gardens, UK; Raj Ghat, New Delhi; Landschaft Park, Germany; Coronation Park, New Delhi; Gardens of 5 senses, New Delhi and 21 other.</p> <p>Each case studies was unique in certain landscape parameters which was inferred and discussed which later became a strong foundation for the design studio.</p> <p><b>Studio Problem - 3; Children's Play Area:</b></p> <p>To learn the skill of design by understanding scale and modulating existing site elements to create stimulating land forms. The site - Astha Kunj a 200 acre park in South East Delhi, near Lotus Temple, ISKON Temple and Nehru Place was given as a part of design studio exercise. Creative design ideas where showcased by the students that indicated their sensitivity in making the park exciting and safe at the same time for the age groups between 5 year old kids to 12 year old children. Importance of retaining the site elements and to design around them to make the space that was sensitive to greens and to the user-group was the aim of the studio.</p>
2	II	<p><b>Studio Problem – 1; Liminal spaces:</b></p> <p>This study aimed to locate and develop green spaces to replace “Liminal Spaces” in various contexts like urban voids, wetlands, peri urban spaces. Numerous liminal spaces have been noted in cities individually by the students, these areas are also known as leftover spaces, lost spaces, or residual spaces. In order to rethink the city through its landscape. The studio's objective was to meticulously research the city, present a master plan vision, and then revisit the peripheral wastelands, bare lots, abandoned land, and neglected places that are woven into the fabric of the city. With the help of landscape design, such liminal spaces have the potential to improve public space and everyday activities. By bringing about favorable environmental, social, and economic outcomes, they contribute significantly to the development of healthier and more liveable communities</p>

3	III	<p><b>Studio Problem – 1; Blue and Green Network of My City:</b></p> <p>To understand the concept of blue-green network in urban areas this exercise was introduced aiming at providing nature-based solutions to the spatial and socio-ecological issues. This “blue-green” planning process also prioritizes the quality of green spaces over quantity by focusing on upgrading existing green spaces. It acknowledges that cities are embedded in natural systems by examining a city’s ecological and hydrological relationships.</p> <p>Blue elements include streams, storm water drains, irrigation channels, freshwater, sanitation and public spaces that can temporarily accommodate water overflow. Green elements include trees along streets, playgrounds, parks, forests, greenways and riparian strips. This planning approach also recognizes the continuum of human settlements and acknowledges that green, blue and grey networks extend beyond the boundaries of the city.</p> <p>The blue-green network focuses on using natural systems in the region to structure the plan and the future development. It involves analysing the spatial configuration and composition of the urban space, specifically integrated networks of green, blue and grey spaces relevant to the scale of analysis.</p>
4	IV	<p><b>Thesis:</b></p> <p>Application of Landscape Planning and Design theories to develop an ecologically sensitive design proposal using adequate and appropriate research tools.</p>

### 8. List of Thesis Topics

S. No.	Roll No.	Name of the Student	Thesis Topic	Name of Guide(s)
1	SPA/NS/LA/6 69	Bhooshan Shakya	Landscape Proposal of Revitalization of Paliwal Park, Agra	Dr. Aarti Grover & Ms. Nandini Rewari
2	SPA/NS/LA/6 70	Bikramjeet Dhar	Site Planning And Landscape Development Plan for AIIMS Campus, Guwahati	Dr. Aarti Grover & Sh. Krishan C. Singal
3	SPA/NS/LA/6 71	Deepthi T S	Landscape Proposal For TCS Campus, Trivandrum	Dr. Aarti Grover & Ms. Savita Punde

4	SPA/NS/LA/6 72	Es Ashwini	Landscape Development of World Heritage Monuments of Mahabalipuram, Tamil Nadu	Dr. Aarti Grover & Ms. Poonam Dewan
5	SPA/NS/LA/6 73	Jayadurga Janani R	Peri Urban Landscape - A Case of Sriperumbudur	Dr. Aarti Grover & Ms. Poonam Saini
6	SPA/NS/LA/6 74	Lakshay Sharma	Lakefront Development and Rejuvenation of Durgam Cheruvu Lake, Hyderabad	Dr. Aarti Grover & Ms. Nandini Rewari
7	SPA/NS/LA/6 75	Lallawmsang a	Landscape Development Plan For Mizoram University	Dr. Aarti Grover & Sh. Krishan C. Singal
8	SPA/NS/LA/6 76	Mansi Sahu	Landscape Redevelopment of Sarita Vihar District Park, New Delhi	Dr. Aarti Grover & Ms. Poonam Dewan
9	SPA/NS/LA/6 77	Mathews Adithya J	Rethinking The Canal Systems of Vijayawada, Andhra Pradesh	Dr. Aarti Grover
10	SPA/NS/LA/6 78	Misha Jose	Rethinking The Cultural Landscape in the Heart of The City- A Case of Thekkinkadu Maidanam , Thrissur	Dr. Aarti Grover
11	SPA/NS/LA/6 79	Nandu C V	Developing Kannur Mangrove Project to Agro-Wetland Park, Cum Community Reserve	Dr. Aarti Grover & Ms. Savita Punde
12	SPA/NS/LA/6 80	Nikita Jain	Revival of Woodcraft In Budhni, A Crafts Village, MP	Dr. Aarti Grover
13	SPA/NS/LA/6 81	Palak Khandelwal	Landscape Development of Biodiversity Park Near Ssims Hospital, Gwalior	Dr. Aarti Grover
14	SPA/NS/LA/6 82	Pankaj Dhalk	Healing and Learning Landscapes: Narnaul Medical Institute And Hospital, Mahendergarh, Haryana	Dr. Aarti Grover & Ms. Nandini Rewari
15	SPA/NS/LA/6 83	Preethy M	Landscape Proposal For Celebration Park, Coimbatore, TN	Dr. Aarti Grover & Ms. Poonam Saini
16	SPA/NS/LA/6 84	Pritesh Patel	Reclaiming The Edges of River Vishwamitri , Vadodara	Dr. Aarti Grover

17	SPA/NS/LA/6 85	Rajat Soni	Landscape Proposal For Indian Institute of Technology Campus, Indore	Dr. Aarti Grover & Sh. Krishan C. Singal
18	SPA/NS/LA/6 86	Rishabh Gupta	Landscape And Site Development of Aiims, Rajkot	Dr. Aarti Grover & Ms. Savita Bhandari
19	SPA/NS/LA/6 87	Ritu Rimzon	Landscape Proposal for Elephant Rehabilitation Centre, Kottur, Kerala	Dr. Aarti Grover
20	SPA/NS/LA/6 88	Sanjana Gupta	Development of District Park In Jaipur, Rejuvenation of The Edges of Dravyawati Canal	Dr. Aarti Grover & Ms. Poonam Saini
21	SPA/NS/LA/6 89	Shruti Das	Landscape Intervention In Revitalizing of Derelict Jute Mill : Case of Alexandra Jute Mill , North 24 Parganas, Kolkata	Dr. Aarti Grover & Ms. Poonam Saini
22	SPA/NS/LA/6 90	Shweta Roy Choudhury	A Congregation of Land And Water: Expressing A City's Personality Through Its Riverine Character; Kolkata, West Bengal	Dr. Aarti Grover & Ms. Savita Bhandari
23	SPA/NS/LA/6 91	Snehal Gaikwad	Pavana – Mula Riverfront Development, Pcmc, Pune	Dr. Aarti Grover & Sh. Krishan C. Singal
24	SPA/NS/LA/6 92	Surabhi Dilip Gharat	Landscape Proposal For ' Coastal Road Green Areas, Mumbai'	Dr. Aarti Grover & Ms. Nandini Rewari
25	SPA/NS/LA/6 93	Suraktim Das	Teesta Arannya Nivas: An Eco-Sensitive Forest Community Hub Nurturing the Tourism And Heritage Values of North Bengal I Gajoldoba, Duars, North Bengal	Dr. Aarti Grover & Ms. Savita Punde
26	SPA/NS/LA/6 94	Suvarna Chaturvedi	Landscape Development Along Sacred Route: A Case of Ayodhya	Dr. Aarti Grover & Ms. Poonam Saini
27	SPA/NS/LA/6 95	Vaibhav Sanjay Gorghate	Landscape Development of IIIT, Nagpur Campus	Dr. Aarti Grover & Ms. Poonam Dewan
28	SPA/NS/LA/6 60	Sajjad Ahamed T	Development of Vanjikulam Waterways and Nature Park, Thrissur	Dr. Aarti Grover & Ms. Savita

				Bhandari
29	SPA/NS/LA/6 41	Ramthianghli mi Tlau	Retrofitting Suburban Landscape at New Capital Complex, Aizawl, Mizoram	Dr. Aarti Grover

### 9. Details of the Ph.D Thesis Topics

S. No.	Name of the Student	Thesis Topic	Name of Guide(s)
1	Ms. Priyanka Sanjay Kanhare	Impact of Riverfront Development on Ecological Processes and Biodiversity across Riverine Landscape	Dr. Aarti Grover
2	Ms. Poonam Saini	Cultural Ecosystem Services of Urban Forests: Value Assessment of 'CES' in the city Forests of Delhi	Dr. Aarti Grover
3	Ms. Meghana K Raj	Assessing the Landscape Potential of Industrial Areas for Urban regeneration in India	Dr. Aarti Grover

### 10. Details of Research Projects

NIL

### 11. Details of Consultancy Projects

S. No.	Name of the Project	Name of the Client	Project Team	Project Coordinator
1.	Landscape Re-development of Oil and Natural Gas Corporation Headquarter at Vasant Kunj, New Delhi	Oil and Natural Gas Corporation (ONGC), New Delhi	Ms. Poonam Saini Ms. Kanchan Bist	Dr. Aarti Grover
2.	Arboriculture Plan in the on- going AMWPs at Bareilly Mil Stn.	Garrison Engineer (Project) MES, Bareilly Cantt.	Ms. Poonam Saini Ms. Kanchan Bist	Dr. Aarti Grover

### 12. Details of Research Publications

**Aarti Grover**

#### Chapter in Book (International)

1. "Changing Ideologies and Consequent Morphologies" in Book Titled 'Streets for All' 50 Ideas for Shaping Resilient Cities, My Liveable City International Edition, Publisher

Shashikala Venkatraman, India - Netherlands, 2022. Book Chapter. ISBN 978-81-954409-0-0.

### **Papers (International)**

1. Gender Inclusive Approach for Effective Climate Policy, My Liveable City (Jan-Jun 2022), Volume 8, Issue International Edition ISSN 2455-2380.
2. Rendering Meaning to Places Cultural Expression by People in Indian Cities, My Liveable City (Jul-Dec 2022), Volume 8, Issue 2, International Edition ISSN 2455-2380.

### **National**

1. Book Review of the book titled "Urbanism Beyond 2020" Refereed Architectural Journal of IIA: ISSN-0019-4913: Volume 87, Issue 03, Mar 2022.
2. Valuing Cultural Ecosystem Services Associated with Urban Forests Shashwat Let nature Be, "Restoring Green Economy", Volume 7, Issue 8 December 2021 ISSN 2581-9291.
3. Pedagogical Approach of Landscape Studios at SPA Delhi, Journal of Landscape Architecture, LA67, 2021 ISSN 0975-0177.

### **13. Details of Membership in Committees/Editorial Boards/Any other**

#### **Aarti Grover**

##### **National Committee**

1. Member, Expert Group of Zoo Designing, Central Zoological Authority
2. Member, Advisory Committee of National Zoological Park, N. Delhi
3. Member, Expert Panel of PWD Delhi, Govt of NCT of Delhi
4. Member, Expert Panel of Water & Irrigation Deptt, Govt. of Delhi
5. Member, Expert Panel of Delhi Jal Board Deptt, Govt. of Delhi
6. Member, Building Committee, University of Delhi
7. Member, PG Education Board, Council of Architecture
8. Advisor, Independent Advisor to EY for Vision Plan for 10 selected zoos
9. Advisor, Independent Advisor to EY for Draft of the brief of a National Level Design Competition for Interpretation Centre at Sh. Chamarajendra Zoological gardens at Mysore
10. Member, Committee for Scrutiny and selection of proposals for Empanelment of firms for Zoo Design, Architecture, IEC and Technology Enablement (2021-2024) at CZA
11. Member, CoA Nominee to ratify faculty at KL-18, Asian School of Architecture and Design Innovation ASADI, Silver Sand Island, Near Vyttila, Kochi Kerala

##### **Editorial Boards**

1. Member, Editorial Team, of India-Netherland based knowledge platform, My Liveable City
2. Member, Advisory Board, Refereed Journal "Design+Theory", Mimar Sisan Fine Arts University, Istanbul
3. Member, CoA-Editorial Board for Magazine 'Time, Space and people'
4. Member, CoA-Editorial Board of CA Newsletter

### **Any Other**

1. Member, Senate, SPA Delhi
2. Member, Served as an INO for AICTE-MoUD Internship program under the ambit of "Mission Amrit Sarovar- Jal Dharohar Sanrakshan"
3. Deputy Warden of Girls Hostel at ITO
4. Member, Scrutiny cum Selection Committee for the Consultant (Clinical Psychologist)
5. Member, Organising Committee of Har Ghar Tiranga Programme
6. Member, Azadi ka Amrut Mahotsav, Celebrating 75 year of India's Independence in the School
7. Member, Modified Assured Career Progression Scheme (MACP) & Department of Promotion Committee (DCP) to Mess Employees of the School
8. Member, Zero year request of the Student for the Department of Landscape Architecture
9. Member, Preparation of Syllabus for the Ph.D. Scholars Research Methodology Course
10. Member, Anti-Ragging Squads Maharani Bagh Hostel and Residential Campus
11. Member, Preventing Sexual Harassment in the School an Anti-Sexual Harassment Unit (ASHU)
12. Chairperson, Departmental Research Committee, Department of Landscape Architecture
13. Chairperson, Selection committee for induction of fresh students in the course of M. Arch. (LA)
14. Member, Moderation Committees of Department of Landscape Architecture
15. Chairperson, Visiting Faculty Selection Committee Department of Landscape Architecture

### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

NIL

### **15. Papers Presented in Seminars, Workshops, Conferences etc.**

#### **Aarti Grover**

1. Landscape Design Strategies for Pollution Free Cities Lecture as Resource Person in GSDP Course on "Valuation of Ecosystem Services and Green GDP" at Gandhi Peace Foundation, New Delhi on 6.4.22.
2. Landscape Architecture: Principles and Practices Delivered Expert Lecture as a part of Experiential Week at LPU, Punjab in online mode on 5.4.22.
3. Reviewer and Discussant: Seminar on Urbanism Beyond 2020 Reflections during the COVID-19 Pandemic organized by Chandigarh College of Architecture on 4.5.22
4. Resource Person, Panel Discussion "Place of Groundwater in Water Security" "Groundwater: Making the Invisible Visible" on World Water Day organized by Water Security Hub, SPA New Delhi On 22.3.22
5. Ecological Approach for Effective Landscape Design Lecture as Resource Person in GSDP Course on 'Valuation of Ecosystem Services and Green GDP" on 16.3.22 at Gandhi Peace Foundation, New Delhi
6. Expert Speaker, International **Symposium on Sikh Architecture** Session-III Contemporary Perspectives Organized by SAAKAAR Foundation on 21.9.2021

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

### **Aarti Grover**

1. Attended as Reviewer and Discussant: Seminar on Urbanism Beyond 2020 Reflections during the COVID - 19 Pandemic organized by Chandigarh College of Architecture on 4.5.22
2. Attended Seminar as a Resource Person World Water Day "Groundwater: Making the Invisible Visible" Place of Groundwater in Water Security organized by Water security Hub, SPA New Delhi On 22.3.22
3. Attended Felicitation ceremony at Architects meets organized by The Times of India Group in association with Minds Media & Management at Chandigarh on 12.3.22
4. Attended National Online Faculty Development Program: "Post Pandemic Architecture" Organized by Council of Architecture & Research Centre (COA-TRC) in association with Symbiosis School of Planning and Architecture and Design, Nagpur on 15-18.02.2022
5. Attended 14th National Conference on "Unbuilt Landscapes" Indian Society of Landscape Architects (ISOLA) Hosted By Hyderabad Chapter on 11-13.2.22
6. Attended Resilient Urban Development Online International Training and Capacity Building Program (ITCBP) organized by SPA Foundation for Innovation and Research for Social Transformation (FIRST) on 1-5.12.2021
7. Attended Research Symposium 2021 (Online), Theme: Perspectives and pathways in Landscape Architecture Research, organized by ISOLA education Board on 26-27.11.2021
8. Attended International Symposium on Sikh Architecture Session-III Contemporary Perspectives Organized by SAAKAA Foundation on 21.9.2021
9. Attended National Education Policy (NEP) 2020 organized by Dean (Academics School of Planning and Architecture, New Delhi) and supported by IQAC on 5.9.21

## **17. Membership of Professional Bodies**

### **Aarti Grover**

1. Fellow member of IIA
2. Fellow member of ISOLA
3. Associate member of IIID

## **18. Student/ Faculty Awards or Recognition**

### **Faculty**

#### **Dr. Aarti Grover**

1. Awarded as a "Trendsetter in the field of Architecture" by Times of India in March 2022.
2. Received "A3F Thesis Guide Award" for the entry in the 'A3 Foundation Thesis And Thesis Guide Awards 2020-21



**Student**

1. Riya Sunil Sadawarte (LA/714) participated in Mission Amrit Sarovar –Jal Dharohar Sanrakshan internship program by the MoUD
2. Bhagyashree Nitin Girgaonkar (LA/703) student of 1st year 1st Semester Master of Landscape Architecture Department, has participated in Chess Tournament under 'Hiwaga' which was an online event organized by Chess Coordinators of SPA, Delhi held from 21st October to 23rd October 2021 and was reached till Quarter finals of the tournament
3. Poonam Upadhyay (LA/616), batch-2017-19 has been awarded the “A3F Thesis Award” for her entry in the 'A3 Foundation Thesis and Thesis Guide Awards 2020-21' (Masters).

**19. Additional Information if Any****Aarti Grover**

1. Awarded as a “Trendsetter in the field of Architecture” by Times of India in March 2022.
2. Received “A3F Thesis Guide Award” for the entry in the 'A3 Foundation Thesis and Thesis Guide Awards 2020-21
3. Nominated as Ph.D. evaluation at VNIT Nagpur on 07.04.2022
4. Served as Member of Jury for External Examination of Thesis viva Sem-IV M. Arch. at CCA on 3-4.3.22

## 2.6 DEPARTMENT OF URBAN PLANNING

### 1. Academic Programs Offered by the Department

- Master of Planning (with specialization in Urban Planning)
- Ph.D Programme in Urban Planning

### 2. Year of Establishment of the Department: 1955

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualification	Areas of Specialization
M.Palaniappan	Associate Professor and Head of the Department till 5 Jan., 2022	MA Economic, M.T.P (Town and Country Planning), M.P.S( Population Studies)	Town and Country Planning Population Studies
Sanjukta Bhaduri	Professor and Head of the Department till 6 Jan., 2022 till onwards till date	B.Arch, M.City Planning, Ph.D CA 86-9809	Inclusive Cities, Smart cities, Sustainable Development of settlements, Participatory Planning, Social aspects related to Planning, Disaster Management , Climate resilient development, Urban Environmental Management, Assessment of Environmental Impacts, Energy and Urban Development, Environmental Quality of Human Settlements.
Prafulla Parlewar	Professor	Ph.D. (Urban Planning - Japan), M. Plan (SPA, ND), B. Arch (VNIT, Nagpur) CA/99/24317	Urban Regeneration
Chandrani B Neogi	Associate Professor	MA (JNU), M.Plan (SPA_Delhi), PhD (NIT Kurukshetra)	Disaster Management, Urban Resilience Planning, Inclusive Planning, Climate Resilience
Nilanjana Dasgupta Sur	Assistant Professor	Doctoral of Research [Ph D]	Urban Planning
Palthya Srinivas Naik	Assistant Professor	MURP	Infrastructure Planning, Policy Analysis, Special Area Planning etc.

Sakkeri Ramya	Assistant Professor	Ph.D.	Urban Dynamics, Decision Making Techniques, Climate change analysis
Karan Barpete	Assistant Professor	Master in City Planning, B. Arch CA/2013/ 61482	Urban Planning

#### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Sanjukta Bhaduri	III	II	Urban Risk and Disaster Management	2
			Studio (Guidance)	6
			Thesis Research Seminar	2
	II	I	Sustainable Planning and Development	1
			Studio	3
IV	II	Thesis (Guidance)	2	
Prafulla Parlewar	Aug. to Dec.	2021	Thesis Research	2
	Aug. to Dec.	2021	Planning Studio	10
	Jan. to June	2021	Thesis	10
	Jan. to June	2021	Planning Legislation & Professional Practice	2
M. Pallaniapan	III	II	Development Finance	1
	III	II	Studio	8
	III	II	Thesis Research Seminar	2
	II	I	Studio	5
	IV	II	Urban Development Policies	1
	IV	II	Thesis	8
Chandrani B Neogi	II	I	City & Metropolitan Planning	2
	II	I	Sustainable Planning & Development	1
	III	II	Urban Development Management & Governance	2
	III	II	Urban Risks & Disaster Management	2
	II	I	Studio	4
	II	I	Thesis	7
	III	II	Thesis Research Seminar	2
	III	II	Planning Studio	8
Nilanjana Das Gupta	I	I	Studio Director (Section C), Studio Reviews,	6
	III	II	UP-DE 3.1 Community Planning and Participation (Elective)	2

	III	II	Studio Exercise: City Infrastructure Plans for Jaipur City, Rajasthan: Studio Guidance, Studio Reviews	8
	II	I	UP-DE 2.1 Urban information system and spatial Analysis (Elective)	2
	II	I	Studio: Master Plan and Zonal Development Plan for Rohtak City, Haryana	7
	IV	II	Studio: Thesis Reviews	7
Sakkeri Ramya	I	I	Planning History and Theory	2
	I	I	Planning and Design Studio	8
	III	II	Thesis Research Seminar	1
	III	II	Studio (Infrastructure Planning)	5
	II	I	Quantitative Methods and GIS applications	2
	II	I	Studio	7
	IV	II	Thesis	7
Karan Barpete	I	I	MP1.09 Planning and Design Studio	6
	II	I	UP-DE2.2 Land Use and Transport Planning	2
	II	I	Studio	8
	III	II	C3.1 Urban Development Management and Governance	1
	III	II	C 3.2 Development Finance	1
	III	II	Thesis Research Seminar	2
	III	II	Planning Design and Studio	3
	IV	II	Thesis	7

### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Sanjukta Bhaduri	III	Institutional Elective -Inclusive Cities (Theory)	2
	II	Studio	2
	IV	Thesis	2
Karan Barpete	V	5.62 Real Estate Development and Management	2

## 6. Details of Teaching Work Undertaken by Visiting Faculty

S.No	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hours per Week
1	Ms.Aparna Ask Kanojia	II	Project Planning & Management	2
2	Mr. Rajeev Malhotra	IV	Thesis (Guidance)	4
3	Dr. Sabir Ali	IV	Thesis (Guidance)	8
4	Shri J.K Kapoor	IV	Thesis (Guidance)	4
5	Ms. Hridi Kaul Jalali	IV	Thesis (Guidance)	4
6	Shri R. Srinivas	IV	Thesis (Guidance)	4
7	Shri M.P. Mathur	II III IV	Studio (Guidance) Development Finance Urban Development Policies	2 1 1
8	Shri S. B. Khodankar	II	Studio (Guidance)	5
9	Mr. Anshu Sharma	IV	Climate Resilient Urban Development	1
10	Ms. Raina Singh	IV	Climate Resilient Urban Development	1

## 7. Details of Studio Work Undertaken by Students

S.No	Semester	Title of the Studio Assignment	Title of the Studio Assignment & Brief Description
1.	III (July - December 2021)	Urban Infrastructure Plan And Projects: Jaipur	<p>The exercise include the preparation of urban physical and social infrastructure development plan with an overview of Jaipur spatial growth and development and their issues from various sources like Master Plan 2025,Zonal Development Plans of Jaipur and Jaipur - Smart Cities Mission and City Development Plan and other planning related documents and by conducting primary surveys in select localities of the city with respect to the following select sectors i.e. (Water supply, Sewerage and sanitation, Solid waste management, Energy and power supply and telecommunications, Transport and road networks, Education ,Health care, Sports facilities, open and recreational spaces, Safety, security and disaster management ,Socio- cultural, civic amenities, distributive and other facilities) as they serve as a backbone of urban development in Jaipur.</p> <p>The exercise also included preparation of Detailed Project Reports Critical geographical</p>

			areas or study aspects were identified sector-wise for the preparation of detailed project projects (DPRs.) for the following infrastructure (Water supply, Sewerage and sanitation, Solid waste sanitation ,Energy and power supply and telecommunications ,Education ,Health care, Sports facilities, open and recreational spaces, Safety, security and disaster management ,Socio- cultural, civic amenities, distributive and other facilities).
2.	II (Jan-May 2022)	Master Plan And Zonal Development Plans For Rohtak: 2042	<p>The exercise included the preparation of a spatial and land use plan for future physical growth of Rohtak by overviewing Rohtak's spatial growth and development and analysis the following aspects (Regional Setting, Demography and Socio-economic Profile, City Evolution and Land use, Housing, Economic Activities (Trade, Commerce, Industries, and Tourism),Traffic and Transportation, Physical Infrastructure, Social Infrastructure, Environment and Disaster, Heritage, Conservation and Urban Design, Governance and Municipal Finance).</p> <p>The exercise also included preparation of Zonal Development Plans, Zonal development plans are statutory documents which were prepared within the framework of Master Plan proposals. Select zones are to be identified by consulting research or study material, web based resources and conducting online and virtual surveys based on spatial, physical, demographic, socio- economic and other characteristic features of development in the city.</p>

## 8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Akshay S Kumar	Planning Of Heat Proof Cities	Dr. Sakkeri Ramya
2	Ananya Singh	Gender Inclusive Public Spaces	R. Srinivas
3	Archana Mohanty	Creating A Child Friendly Urban Neighborhood	Dr. Prafulla Parwelar
4	Asawari Deshmukh	Planning For Renewable Energy Applications The City	Sabir Ali
5	Ayushi Agarwal	Planning For Climate Change Adaptation For Urban Resilience	Dr. Chandrani B
6	Chandan Jain	Water-Secure Cities	Dr. Sakkeri Ramya

7	Deepak Kashyap	Planning Of NMT Infrastructure In City	Dr. Prafulla Parwelar
8	Dewanshree Anand Tidke	Planning For Healthy Cities	M. Palaniappan
9	Divya Jain	Planning Green Infrastructure In Cities	Sh. J.K. Kapoor
10	Gaurav Kundan Dambe	Planning For Transit Oriented Development In Peri Urban Areas	Shri Karan Barpete
11	Himashree Barchamua	Eco-Cultural Tourism Planning As A Sustainability Tool	Hridi Kaul Jalali
12	Jasna Mary Thomas	Plastic Waste Management In Coastal Cities Affecting The Marine Environment	Sabir Ali
13	Kajal Gupta	Planning For Electric Vehicles In Indian Cities	Dr. Sakkeri Ramya
14	Karthikeyan B	Planning For Walkable Neighborhoods Through Tactical Urbanism	Shri Karan Barpete
15	Konchok Tashi	Winter Friendly Cities	Dr. Nilanajana Dasgupta Sur
16	Manisha Bodh	Environmental & Economic Revitalization Of Landfill Site, Chandigarh	Shri Rajeev Malhotra
17	Mrudula hargude	Planning For Flood Resilience In River Delta Cities	Sabir Ali
18	Nilotpal Alda	Planning For Urban Agriculture To Achieve Sustainable Development	Shri Srinivas Naik
19	Nirmoha Mandal	Planning For Coastal Cities And Sea Level Rise	Dr. Chandrani B
20	Nivedita Gupta	Significance Of Pilgrimage Tourism On Sustainable Development	Sabir Ali
21	Prakhar Rathi	Land Assembly Strategies In The Implementation Of Master Plan	Sh. J.K. Kapoor
22	Priya Gupta	Slum Improvement - Infrastructure Planning For Slums	M. Palaniappan
23	Priyanka Yadav	Impact Of COVID-19 On Employment Generation For Migrant Workers	M. Palaniappan
24	Radhika Mehrotra	Big Data In Urban Planning	Dr. Prafulla Parwelar
25	Renu	Strengthening Of Healthcare Infrastructure In Smart Cities Affected By Pandemic	Dr. Prafulla Parwelar
26	Rounak Jain	Planning For Water Security In Dhanbad City (Jharkhand)	Dr. Nilanajana Dasgupta Sur
27	Saloni Kumawat	Impact Of Digital Literacy On Transportation Classified By Housing Group	Shri Srinivas Naik
28	Sashi Bhusan Sahoo	Cyclone Resilient Infrastructure For Port Cities	Dr. Chandrani B
29	Shakchi Singh	Planning For River Sensitive Developments In Cities	Dr. Nilanajana Dasgupta Sur

30	Shivani Khurana	Assessing Equity In Transport Accessibility	Shri Karan Barpete
31	Shubham Kumar	Planning Of Temporary City (Kumbh)	Sabir Ali
32	Shubham Rawat	Climate Change Resilient Integrated Water Management Plan (Nanital)	Hridi Kaul Jalali
33	Shubham Sirkeck	Role Of Eco-Tourism In Sustainable Development Of Hill Towns	Dr. Nilanajana Dasgupta Sur
34	Srishti Bhardwaj	Planning For An Old Age Friendly City	Dr. Sanjukkta Bhaduri
35	Vibhuti Raina	Smart Plastic Waste Management (Participatory)	Shri Srinivas Naik
36	Wasim Akram	Health Infrastructure Development Performance Index	R. Srinivas
37	Yarra Surya Teja	Mainstreaming Micro Level Planning (LAP & TPS) In Urban Legislation	Shri Rajeev Malhotra
38	Vartika Chaudhary	Planning Nature Based Solutions For Resilient Drainage Infrastructure	Dr. Chandrani B

### 9. Details of the Ph.D Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	SPA/NS/Ph.D/159/2016-17	Ms. Mutum Chaobisana Devi	Carrying Area Capacity as a Determinant of Transit Oriented Development Node: Case Study-Delhi	Prof. Dr. Sanjukkta Bhaduri
2	SPA/NS/Ph.D/204/2018-19	Ms. Shruti Madav Vaishampayan	Urban Redevelopment and Patterns of Gentrification in Indian Cities	Prof. Dr. Sanjukkta Bhaduri
3	SPA/NS/Ph.D/184/2017-18	Ms. Hridi Kaul Jalali	Community Participation in Conservation of Water Bodies and their Catchments in NCT Delhi	Prof. Dr. Sanjukkta Bhaduri
4	SPA/NS/Ph.D/188/2018-19	Mr. Debraj Chakraborty	Inclusive Resilience in Urban Flooding	Prof. Dr. Sanjukkta Bhaduri
5	SPA/NS/Ph.D/277/2021-2022	Ms. Adhikarimayum Memthoibi Devi	Critical Infrastructure and Livelihood in Hill Stations	Prof. Dr. Sanjukkta Bhaduri
6	SPA/NS/Ph.D/205/2018-19	Mr. Sunil	Land use and Accessibility in peri urban area	Prof. Dr. Sanjukkta Bhaduri
7	SPA/NS/Ph.D/229/2019-20	Ms. Aditi Mitra Ghosh	Barrier-Free Energy Transition in Urban Planning	Prof. Dr. Sanjukkta Bhaduri
8	SPA/NS/PH.D/224/2020-2021	Ms. Supritha M Y	Social-Spatial Planning for Well being in Townships	Prof. Dr. Mahavir



9	SPA/NS/PH.D/ 225/2020-21	Ms. Pallavi Tiwari	Public Health Assessment in Urban Areas	Prof. Dr. Mayank Mathur
10	SPA/NS/Ph.D/ 264/2021-2022	Mr. Varun Jain	Digitally mediated shared Spaces Envisaging Socio- spatial shift at Neighborhood level	Prof. Dr. Sanjukkta Bhaduri

## 10. Details of Research Projects

Name of the Project	Sponsored/Funded by	Project Team	Project Coordinator
Organised 5 days an Online International Training and Capacity Building Program on Resilient Urban Development from 01st to 05th December 2021	SPA-New Delhi		Prof Dr Sanjukkta Bhaduri,
Academic Certification Programme under the Infant, Toddler, Caregiver-friendly Neighbourhoods (ITCN) Training & Capacity Building Programme	National Institute of Urban Affairs (NIUA)/Bernard van Leer Foundation, Netherlands	Prof Dr Sanjukkta Bhaduri, Dr Chandrani B Neogi, Dr Nilanjana D. Sur	Prof (Dr) Sanjukkta Bhaduri,, HOD Urban Planning
Conducting Training of Trainers and Young Professionals under Infant, Toddler and Caregiver-Friendly Neighbourhoods Training & Capacity Building Programme	Bernard Van leer Foundations and NIUA, Delhi	Nilanjana Das Gupta	No

## 11. Details of Consultancy Projects

Name of the Project	Name of the Client	Project Team	Project Coordinator
Organised a 5 days training of trainers in SPA-New Delhi under the project titled Academic Certification Programme under	Organised by SPA, Delhi		Prof Dr Sanjukkta Bhaduri,

Infant Toddler Caregiver Friendly Neighborhoods (ITCN) Training and Capacity Building Programme sponsored by NIUA and Bernard van Leer Foundation (BvLF), Netherlands on 23 <sup>rd</sup> March, 2022 and from 29 <sup>th</sup> June to 2 <sup>nd</sup> July, 2022.			
Preparation of Social Infrastructure Development Plan for Gurgaon Manesar Urban Complex 2041	GMDA Office, Sector 44, Gurugram	Nilanjana Das Gupta	No

## 12. Details of Research Publications

### Prafulla Parlewar

1. Parlewar, P. (2021). Design of Blast Resistant Buildings. In: Delgado, J.M.P.Q. (eds) Case Studies of Building Rehabilitation and Design. Building Pathology and Rehabilitation, Vol 19. Springer, Cham. [https://doi.org/10.1007/978-3-030-71237-2\\_1](https://doi.org/10.1007/978-3-030-71237-2_1) Book Chapter.
2. Parlewar, P. (2021). Applying Mobile-Based Community Participation Model in Smart Cities. In: Ghosh, U., Maleh, Y., Alazab, M., Pathan, AS.K. (eds) Machine Intelligence and Data Analytics for Sustainable Future Smart Cities. Studies in Computational Intelligence, vol 971. Springer, Cham. [https://doi.org/10.1007/978-3-030-72065-0\\_6](https://doi.org/10.1007/978-3-030-72065-0_6) Book Chapter
3. Parlewar, P. (2022). Application of Indo-Saracenic Style in Architectural Design Process. In: Delgado, J.M.P.Q. (eds) Building Rehabilitation and Sustainable Construction. Building Pathology and Rehabilitation, vol 23. Springer, Cham. [https://doi.org/10.1007/978-3-030-95487-1\\_1](https://doi.org/10.1007/978-3-030-95487-1_1) Book Chapter.
4. Parlewar, P. (2022). Design of Structure for Steam Turbine Generator. In: Delgado, J.M.P.Q. (eds) Building Rehabilitation and Sustainable Construction. Building Pathology and Rehabilitation, Vol.23. Springer, Cham. [https://doi.org/10.1007/978-3-030-95487-1\\_2](https://doi.org/10.1007/978-3-030-95487-1_2) Book Chapter.
5. Parlewar, P. (2022). Design of Facade for Blast Resistant Buildings. In: Delgado, J.M.P.Q. (eds) Masonry: Building Pathologies and Design. Building Pathology and Rehabilitation, vol 22. Springer, Cham. [https://doi.org/10.1007/978-3-030-80496-1\\_2](https://doi.org/10.1007/978-3-030-80496-1_2) Book Chapter.
6. Parlewar, P. (2022). Application of Geometric Patterns in Architectural Design Process. In: Delgado, J.M.P.Q. (eds) Masonry: Building Pathologies and Design. Building Pathology and Rehabilitation, Vol.22. Springer, Cham. [https://doi.org/10.1007/978-3-030-80496-1\\_3](https://doi.org/10.1007/978-3-030-80496-1_3) Book Chapter.
7. Parlewar, P. (2022). Application of Blast Resistant Design Model for Safer Cities. In: Delgado, J.M.P.Q. (eds) Masonry: Building Pathologies and Design. Building Pathology and Rehabilitation, Vol.22. Springer, Cham. [https://doi.org/10.1007/978-3-030-80496-1\\_1](https://doi.org/10.1007/978-3-030-80496-1_1) Book Chapter.
8. Parlewar, P. (2021). Making Safer Cities from Damaged Foot-Over-Bridges. In: Delgado, J.M.P.Q. (eds) Building Pathologies and Acoustic Performance. Building Pathology and Rehabilitation, Vol.18. Springer, Cham. [https://doi.org/10.1007/978-3-030-71233-4\\_1](https://doi.org/10.1007/978-3-030-71233-4_1) Book Chapter.

9. Parlewar, P. (2021). Application of NDT for Installation of Rooftop Solar Power Plants. In: Delgado, J.M.P.Q. (eds) Durability of Concrete Structures. Building Pathology and Rehabilitation, Vol.16. Springer, Cham. [https://doi.org/10.1007/978-3-030-62825-3\\_1](https://doi.org/10.1007/978-3-030-62825-3_1) Book Chapter.
10. Parlewar, P, Platform Capitalism Based Land Management Model for Smart Cities, Springer Book Chapter (Submitted).
11. Parlewar, P, Rehabilitation of Pipe Bridges for Safer Cities, Iranian Journal of Science and Technology Journal Article (Submitted) SCI Journal.

### **Nilanjana Dasgupta Sur**

1. Impact Analysis of Knowledge Networking and Capacity Development on Municipal Services – A Comparative Study of Indian Cities, Journal of SPACE, SPA Delhi, ISSN 0970-0706

### **13.Details of Membership in Committees/Editorial Boards/Any other**

#### **Sanjukta Bhaduri**

##### **National**

1. Member, All India Board of Town and Country Planning (AIB-TCP).
2. Review Committee, Regional Plan-2041 for NCR
3. Member, M. Plan Programme in the Department of Architecture & Planning (DAP) of Indira Gandhi Technical University for Women, Kashmiri Gate, Delhi.
4. Member, Research Degree Committee (GRD School of Planning) at Guru Nanak Dev University
5. Member, North Delhi Municipal Corporation for preparation of Vending Plan of Chandni Chowk Area
6. Member, Board of Studies (BoS) of the Department of Architecture and Planning (DAP), IGDTUW,

##### **Editorial Boards**

##### **National**

1. Member, Multi author publication on PMAY-U, MoHUA, May-June 2021.

##### **International**

1. Member, Evaluation of Best Papers submitted for Fifth WCDM

#### **Prafulla Parlewar**

##### **National**

1. Editor, Journal of Institute of Town Planners, India
2. Editor, Journal of Institute of Town Planners, India National Conference

##### **International**

1. Editorial Advisory Board and Reviewers committee BIGDATASmart21 (Big Data Intelligence for Smart Applications).

2. Editorial Advisory Board and Reviewers committee CITGSC'2021 Computational Intelligence Techniques for Green Smart Cities).
3. Editorial Advisory Board and Reviewers committee CITFN'2021 (Combating Fake News with Computational Intelligence Techniques).
4. Technical Program Committee Member ICCCSET2022: International conference on Cybersecurity, Cybercrimes, and Smart Emerging Technologies, which will be held in Riyadh, Saudi Arabia, 10 - 11 May 2022

### **Any Other**

#### **Sanjukta Bhaduri**

1. Coordinator, Design Innovation Center (DIC)
2. Chairperson, Purchase Committee of SPA-Delhi
3. Chairperson, Library Advisory Committee of SPA-Delhi
4. Chairperson, Doctoral Research Committee, Urban Planning, SPA-ND
5. Chairperson, Doctoral Research Committee, Regional Planning, SPA-ND
6. Coordinator, Atal Ranking of Institutions on Innovation Achievements (ARIIA)
7. Chairperson, Committee for Capacity Building & Training
8. Director and Vice-Chairman, SPA-FIRST, SPA- New Delhi
9. President, Institution Innovation Council (IIC), SPA-New Delhi
10. Coordinator, Center for Urban Disaster Studies (CUDS), SPA- New Delhi
11. Chairperson, PG Admission Committee, Urban Planning
12. Coordinator, National Innovation and Startup Policy (NISP) at SPA- New Delhi
13. Single Point of Contact (SPOC), Smart India Hackathon, 2022 at SPA- New Delhi

#### **Prafulla Parlewar**

1. Fellow Member, Institute of Town Planners, India
2. Chairman, Anti-Ragging Committee, SPA, Delhi
3. Chairman, Moderation Committee, SPA, Delhi
4. Supretendent of Examination, Examination Committee, SPA, Delhi
5. Chairman, Selection of Consultant (Clinical Psychology), SPA, Delhi
6. Member Weeding Committee, SPA, Delhi

#### **Chandrani B. Neogi**

1. PG Admission Committee, Urban Planning Dept
2. Committee on Disability friendly SPA

### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

#### **Sanjukta Bhaduri**

1. Organised a four day training of trainers in SPA-New Delhi under the project titled Academic Certification Programme under Infant Toddler Caregiver Friendly Neighborhoods (ITCN) Training and Capacity Building Programme sponsored by

NIUA and Bernard van Leer Foundation (BvLF), Netherlands from 29th June to 2nd July, 2022.

2. Organized सारांश – Thesis Work of Graduating Students 2022 held on 01st June, 2022 to 04th June, 2022 at New Committee Room (NCR), SPA Delhi.
3. Organized a competition among the students in the month of April by the name TETRIS GLITCH 2022 to encourage the participation of students by DIC (Hub) & IIC from 1st April, 2022 to 30th April, 2022.
4. Organised Webinar on “Early Childhood Development in Cities” on 23rd March, 2022 at SPA, ND for ITCN Capacity Building Programme commissioned by NIUA and Bernard van Leer Foundation (BvLF), Netherlands.
5. Organized an Online Orientation Workshop with Masters Trainers from recognized Architecture and Planning Schools and NIUA on 27th Nov, 2021 at SPA, New Delhi.
6. Organized an Interaction Workshop on “Preparation of Layout Plan for 03 Unauthorized Colonies with the RWAs, Councilors and PM-UDAY representatives of Saroop Nagar and East Azad Nagar on 30th Oct, 2021.
7. Organised an Online International Training and Capacity Building Programme (ITCBP) on Resilient Urban Development conducted by SPA-FIRST from 01st Dec, 2021 to 5th Dec, 2021.
8. Organized an Online Orientation Workshop regarding Academic Certification Programme under Infant, Toddler and Caregiver-Friendly Neighborhoods (ITCN) Training and Capacity Building Programme with Masters Trainers from recognized Architecture and Planning Schools and NIUA on 27th Nov, 2021 at SPA, ND.
9. Organized a Webinar Series on “Design Thinking and Product Development” started from 1st Sept, 2021 to 15th Sept, 2021 at SPA-New Delhi.

#### **Nilanjana Dasgupta Sur**

1. Co-Coordinator of Online International Training and Capacity Building Program on the theme Resilient Urban Development, 1st to 5th December 2021, organised by SPA and Foundation for Innovation and Research for Social Transformation (SPA FIRST).

#### **15. Papers Presented in Seminars, Workshops, Conferences etc.**

##### **Sanjukta Bhaduri**

1. Innovation Talks Webinar Series on “Design Innovation & Products Development” 1<sup>st</sup>, 8<sup>th</sup> and 15<sup>th</sup> Sept, 2021 DIC Journey at SPA-New Delhi.
2. ITCN Training and Capacity Building Programme 29th June & 2nd July, 2022.. Context and Background of ITCN. Module IV ITCN Project Identification and Implementation
3. 5<sup>th</sup> World Congress on Disaster Management from 24<sup>th</sup> Nov – 27<sup>th</sup> Nov, 2021 Capacity Building for Urban Resilience Programme – An Overview
4. Visit of High Profile Delegation at State Level from Ethiopia to SPA-New Delhi on 31<sup>st</sup> Aug, 2022. Historical Development of Urban Planning Practices in India. The Role and Contribution of SPA for Urban Development and Urban Planning

**Prafulla Parlewar**

1. Urban Planning in Japan: Case of Kawagoe and Nagahama Annual General Meeting of Indian Institute of Town Planners, India
2. Expert Artificial Intelligence Infused GIS: Case of Nagpur City ITPI West Zone Conference Expert

**Chandrani B. Neogi****International**

1. Paper presented on Capacity Building for Urban Disaster Risk Reduction: Prospects for Resilience in World Conference on Disaster Management organized by DMICs, NDMA, Govt. of India, IIT Delhi.

**National**

1. Paper presented on Building Resilience to Cascading Risks: An Approach to Sustainability in Historic Urban Landscapes in Scientific Symposium 2021 on Cultural Landscapes: Transformations & Emerging Ideas November 19-21, 2021 organized by ICOMOS India.

**Invited Lectures/Expert Speakers at Workshops/Conferences etc**

1. Cities & Urbanisation: Implications for the Future International Workshop for Overseas Professionals on Futuristic Cities- Smart and Resilient HUDCO-HSML, International
2. Climate Change and Disaster Risks in Coastal Ecosystems and Communities Special Lecture Shyama Prasad College, University of Calcutta, Local
3. Understanding Urban Risks in the context of Urban Risks 20th Foundation Programme for Scientists & Technologists, IIPA
4. Overview of Urban Disasters, Mitigation & Preparedness Online training on Urban Risk Mitigation, October 4-6, 2021 NIDM & HCM-RIPA.

**16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.****Sanjukta Bhaduri**

1. Attended National Conference "From Encroachers to Self-Employed" as a Panelist organised by NASVI at Venue - Aiwan-E-Ghalib Auditorium - ITO, Delhi on 22nd July, 2022 (Friday)
2. Session Chair in the 2nd National Online Conference on Planning, Design and Management-2022 (NOCPDM-2022) organized by Town Planning Section, Civil Engineering Department, College of Engineering Pune from 6th to 7th May 2022.
3. Participated in a virtual roundtable titled 'Impact of COVID-19 on Education' on 11th May, 2022 to highlight the adverse impacts of the pandemic on the education sector in India and beyond organised by All India Disaster Mitigation Institute (AIDMI).

4. Attended Online Workshop on Water Secure NCR under Azadi Ka Amrit Mahotsav (AKAM) to be held on 21.01.2022 through Video Conferencing.
5. Participated in 5th World Congress on Disaster Management on the title – “Capacity Building for Urban Resilience Programme” from 24th Nov to 27th Nov, 2021 at SPA-New Delhi

#### **Prafulla Parlewar**

1. Annual General Meeting of Indian Institute of Town Planners, India
2. ITPI West Zone Conference

#### **Chandrani B Neogi**

1. Webinar on “The Financial Case of Resilient Infrastructure: Integrating Disaster & Climate Risks into Infrastructure Investment Decisions” organized by Coalition for Disaster Resilient Infrastructure (CDRI), 23<sup>rd</sup> September, 2021

### **17. Membership of Professional Bodies**

#### **Sanjukta Bhaduri**

1. Fellow of Institute of Town Planners, India.
2. Member, All India Board of Town and Country Planning (AIB-TCP).
3. Life Member of Institute of Public Administration, India (IIPA)
4. Member of Regional Science Association (RSA)
5. Life Member of Indian Society of Technical Education (ISTE)
6. Member of International Sociological Association (ISA)
7. Fellow Member of Indian Institute of Architects (IIA)
8. Life Member of Indian Institute of Remote Sensing (IIRS)
9. Member of Editorial board of Multi author publication on PMAY-U, MoHUA, May-June 2021.
10. Expert of Research Degree Committee (GRD School of Planning) at Guru Nanak Dev University
11. Expert Member (City Planning) of Committee, North Delhi Municipal Corporation for preparation of Vending Plan of Chandni Chowk Area
12. Member of Smart Cities Sectional Committee, CED 59
13. Chairperson for M. Plan Programme in the Department of Architecture & Planning (DAP) of Indira Gandhi Technical University for Women, Kashmiri Gate, Delhi.
14. Member, Board of Studies (BoS) of the Department of Architecture and Planning (DAP), IGDTUW, for One Year, w.e.f. 11th Dec. 2019.
15. Member of Committee for Evaluation of Best Papers submitted for Fifth WCDM, 2022
16. Member, Review Committee, Regional Plan-2041 for NCR

**Prafulla Parlewar**

1. Member, City Planning Institute of Japan (CPIJ)
2. Fellow Member, Institute of Town Planners, India (ITPI)
3. Associate Member Council of Architecture (COA)

**Chandrani B Neogi**

1. Institute of Town Planners-India
2. ICOMOS India

**M. Pallaniapan**

ITPI

**Nilanjana Dasgupta Sur**

1. Associate Member of the Institute of Town Planners, India - Membership No.: 2005/133/AITP
2. Life Member of Indian Institute of Geographers (IIG), Pune, India

**Sakkeri Ramya**

ITPI

**Karan Barpete**

ITPI

**18. Additional Information if Any****III Semester**

1. Dr. Abdul Razak Mohamed : How to Choose Themes For Thesis Research In Spatial Planning
2. Dr. Alok Suman, Consultant: Preparation of Detailed Project Report On Water Supply, Preparation of Detailed Project Report On Sewerage and Storm Water
3. Shri Kedarnath Rao Ghorpade: Water Sensitive Cities: Concept and Theoretical Framework, Water Sensitive Cities: Jaipur (Implementation and Issues)
4. Ms. Aparna Ash Kanojia : Project Planning

**II & IV Semester**

1. Dr. P.Jayapal : Climate Change and Urban Development (Case Studies)
2. Mr. Ammar Ashraf : Infrastructure Planning



## 19. Student/ Faculty Awards or Recognition

### IV Semester Students

1. Vibhuti Raina, 1st Prize/Position in Essay Writing Competition on 'Raj to Swaraj' - Lesser Known Freedom Fighters and their contributions to Independence Movement of India conducted for Azaadi ka Amrut Mahotsav by SPA Delhi
2. Ayushi Agarwal, 3rd Prize/Position in Essay Writing Competition on 'Raj to Swaraj' - Lesser Known Freedom Fighters and their contributions to Independence Movement of India conducted for Azaadi ka Amrut Mahotsav by SPA Delhi
3. Radhika, Wasim, Rounak, Sashi and Shivani, 3rd Prize for WRI road safety and place making competition Rohtak (MAHRA ROHTAK).
- 4 (A) Karthikeyan B, Dipannita Kundu (Transport Planning), Second Prize in Streets for people Challenge, Tiruchirappalli, Tamil Nadu. This competition is hosted jointly by the Tiruchirappalli City Municipal Corporation and the Ministry of Housing and Urban Affairs, Govt of India, in partnership with the ITDP - India Programme, supported by the Fit India Movement and Swacch Bharat Mission.  
(B) First Runner's up in DULT Internship Programme 2021 conducted by the Directorate of Urban Land Transport, UDD, GoK. Award & Certificate issued by Ms. V Manjula IAS Commissioner, DULT · Jul 2021. The Project Name - "Application of GIS and Remote Sensing in Urban Mobility".  
(C) Second Runner's up in DULT Innovation Challenge Peashooter: Public Engagement and Awareness Shots on Twitter 2021 conducted by the Directorate of Urban Land Transport, UDD, GoK. Award & Certificate issued by Ms. V Manjula IAS Commissioner, DULT · Jul 2021. The Project Name - "Mindless Honking".  
(D) Research paper Accepted for City Street5 Conference - "Strategic tactical urbanism for street Pedestrianisation: A comparative study of streets in South Asian Cities." The Conference was hosted by the Lisbon School of Architecture, to be held at the Calouste Gulbenkian Foundation, Lisbon, Portugal on 12-14 October 2022.
- 5 (A) Shakchi Singh, 3rd Prize in Postgraduate category of National Level sponsored Student Thesis Competition on 'Re-Imagining Urban Rivers' across 100+ entries conducted by National Institute of Urban Affairs (NIUA) and National mission for Clean Ganga (NMCG) at IIT BHU.  
(B) 1st prize for Caption for 'Urban Rivers' held by NIUA and National Mission for Clean Ganga (NMCG).
- 6 (A) Divya Jain and Apurva Deshmukh- Presented paper on "Internet of Things and Smart Cities - Role, Opportunities, Challenges and Strategies in context of Indian Cities" in the National Conference on Internet of Things (IOT) and Building design and Urban Infrastructure on 26-27th June, 2021 organized by MANIT and COA, Bhopal  
(B) Divya Jain and Nirmoha Mandal I- Presented paper in the 5th International Conference 'Urban e-Planning' with a paper titled 'Smart Cities and Governance in India: Trends and Challenges' on 10 September 2021 organized by Institute of Geography and Spatial Planning - University of Lisbon, Lisbon, Portugal
- 7 (A) Kajal Gupta - 2nd Prize at 'Ideator's Cafe' organized by Planin.xyz for Developing an idea for an app "VOTE-BAE: Vote before Anyone Else" which involved crowd

mapping through GPS in voting centers & innovative ideas for increasing the ratio of 'Population voted: Voting Population'. This event involved engineers, data scientist, architects and planners from top colleges like SPA & IITs (students & Alumni).

(B) 2nd Prize for Article Writing 'Equity in Existence will lead to Sustainability in Future' at NOSPlan Convention 2021 (an All-India level competition for student body of Planners).

(C) Presented Paper on 'International Lessons for Improving Cadastre-based Land Records' at 'India Land Forum 2020: Data-driven Research & Evidence for Land Policy in India (Nov 24-27,2020)' organized by National Council of Applied Economic Research (NCAER).

- 8 Srishti Bhardwaj, Won 2nd prize in a Logo Designing National Level Competition. Organized by Town Planning Department, Rajasthan for "Prashasan Sheheron ke Sang Abhiyan 2022".

## **II Semester Students**

1. Natasha Saraswati
  - a. Participation Certificate for Let's Know Our Rivers conducted by Waterman Academy and Tarun Bharat Sangh
  - b. Participation Certificate for Transforming Urban Mobility in Madhya Pradesh: A policy for Tomorrow conducted by Centre for Urban Governance, Atal Bihari Vajpayee Institute of Good Governance and Policy Analysis, Bhopal
2. Kavya Muthukrishnan, First position in Dult Innovation Challenge Award, conducted by Directorate of Urban Land and Transport, Government of Karnataka
3. Bhawna Jha, First position in Dult Innovation Challenge Award, conducted by Directorate of Urban Land and Transport, Government of Karnataka
4. Aashfa Ahsan, First position in Dult Innovation Challenge Award, conducted by Directorate of Urban Land and Transport, Government of Karnataka
5. Afia Siddiqui, First prize in the Student Award category for International level ISOCARP award 2021 amongst the top 30 selected entries conducted by ISOCARP society

## 2.7 DEPARTMENT OF REGIONAL PLANNING

### 1. Academic Programs Offered by the Department

- Master of Planning (Regional Planning)
- Ph.D. in Regional Planning

### 2. Year of Establishment of the Department: 1958

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualification	Areas of Specialization
Vinita Yadav	Professor and Head of the Department from 17 Dec. 2019 to 05 Jan., 2022	Ph.D.	Governance, Resilient Planning, Pro-poor development, Planning for Region, Disaster management
Sanjukta Bhaduri	Professor and Head of the Department from 6 Jan., 2022 to 21 Aug., 2022	B.Arch, M.City Planning, Ph.D CA 86-9809	Inclusive Cities, Smart cities, Sustainable Development of settlements, Participatory Planning, Social aspects related to Planning, Disaster Management, Climate resilient development, Urban Environmental Management, Assessment of Environmental Impacts, Energy and Urban Development, Environmental Quality of Human Settlements.

\*on lien with S.P.A Bhopal

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Vinita Yadav	III	II	Institutional Analysis and Governance	2
	III	II	Studio: Disaster Resilient District Development Plan for Puri District, 2041	8
	III	II	Contact Hours	10
	II	I	Planning for Region	2
	II	I	Studio: Peri-Urban region plan for Rohtak	2
	IV	II	Thesis · <ul style="list-style-type: none"> <li>• Strategizing for Circular Economy in Amaravati Region, Andhra Pradesh Nagadeepthi Bommareddy</li> <li>• Impact of Industries on Economy of Puducherry Union Territory - Siddamala Ravi Teja</li> <li>• Implications of Pilgrimage Tourism in Mountain Regions: Garhwal Himalaya – Naina Saxena (co-advisor)</li> </ul>	8
	II & IV	I, II	Contact Hours	8
Chetna Singh	II	I	District Planning and Rural	2

			Development	
	II	I	Studio	8
	III	II	Environment and Development	2
	III	II	Studio	7
	IV	II	Thesis	6

#### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Chetna Singh	I	I	Studio	7
	III	II	Planning for Conservation	0.5 (8 hours in total)

#### 6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subject Theory and Studios	Hours per Week
1.	Ms. Anuradha Y	II	Land Markets and Management	2
2	Dr. Mahendra Sethi	II	Climate Change and its Impact	2
3	Ms. Arpita Goel	II	Poverty and Development	2
4	Mr. Rishi Raj Bansal	II	Regional Infrastructure	2
5	Mr. Shubham Mishra	II	GIS	2
6	Ms. Arpita Goel	II	Studio	10
7	Dr. Akshay Sen	III	Project Planning	2
8	Mr. Shubham Mishra	III	Spatial Data Infrastructure	2
9	Mr. Sanjeev Saxena	III	Legal Issues in Planning and Professional Practice	2
10	Ms. Alpana Bose	III	Studio	3
11	Mr. S. B. Khodankar	III	Studio	2
12	Mr. Rakesh Kapoor	III	Future Regions (IE)	1
13	Dr. Pushpa Pathak	III	Future Regions (IE)	1
14	Dr. Kanchan Gandhi	IV	Thesis	6
15	Dr. Sandeep Kumar Raut	IV	Thesis	9
16	Ms. Yogita Lokhande	IV	Thesis	2
17	Dr. Debjani Ghosh	IV	Thesis	3
18	Mr. K. K. Joadder	IV	Thesis	6
19	Mr. P. S. Utterwar	IV	Thesis	3
20	Mr. S. Surendra	IV	Thesis	3
21	Mr. J. K. Kapoor	IV	Thesis	3
22	Dr. Mahendra Sethi	IV	Thesis	3
23	Dr. Sachin Chowdhry	IV	Politics and Public Policy (IE)	1
24	Ms. Aparna Das	IV	Politics and Public Policy (IE)	1

## 7. Details of Studio Work Undertaken by Students

Semester/Year	Project Title/Topic	Brief of the Studio Work
Third Semester, August-December 2021	District Development Plan for Puri, Odisha, 2041	The focus was on preparation of a disaster-resilient district development plan. A district vulnerable to multiple hazards has been chosen for the purpose. Puri, being a religious destination, observes significant in-migration because of various employment opportunities and tourism. Multi-hazards and various types of vulnerabilities have increased in the district. Disasters like cyclones and floods have adversely affected the economic sectors. The frequency of disasters has increased since past 50 years. Thus, there is a strong need to have planned development in the district while making it resilient for the emerging vulnerabilities.
Second Semester, January-May 2022	Peri-urban Plan for Rohtak, Haryana. 2042	Peri-urban areas are dynamic in nature. What is rural today, maybe peri-urban in future. These areas show strong linkage with the core city and have flows of people and goods between them. In India, the states have been directed to formulate guidelines for defining peri-urban areas. However, Urban and Regional Development Plan Formulation and Implementation (URDPFI) guidelines of the Ministry of Urban development states that peri urban areas limit is a buffer of 8-10 kms from the administrative boundary of the urban areas. These areas are complex entities and comprise of both urban and rural areas. There is lack of regulations in peri-urban settlements. They have lower land values resulting in accelerated inflow of migrants. Peri-urban areas, thus, need to be efficiently planned so that haphazard development does not hamper its future development.

## 8. List of Thesis Topics

S. No.	Application No.	Name of the Students	Thesis Topics	Guide
1.	SPA/NS/RP/14 80	Abhishek Verma	Impact of Expressway Corridor on Regional Development: Case of Delhi And Meerut Corridor	Ms. Yogita Lokhande and Prof. Dr. Sanjukta Bhaduri
2.	SPA/NS/RP/14 81	Akrati Sharma	Planning Strategies for Tourism of Gwalior Division	Mr. J.K. Kapoor
3.	SPA/NS/RP/14 82	Akshay Ajith	Planning for an Eco-Sensitive Region: Case Study of Ernakulam	Dr. Debjani Ghosh
4.	SPA/NS/RP/14 83	H Priya Sai	Strategies for Water Secure Region: Case of Chennai Metropolitan Region	Dr. Kanchan Gandhi

5.	SPA/NS/RP/14 84	Isha Bhakta	Livelihood Strategies in South 24 Paragna region	Mr. K.K. Joadder
6.	SPA/NS/RP/14 85	Jeevan Anant Pawaskar	Flood Risk Mitigation Plan for Ratnagiri District, Maharashtra	Mr. P.S. Uttarwar
7.	SPA/NS/RP/14 86	Jeswin Sunny Varughese	Strategizing for Improvement in air quality in Taj Trepezium Zone	Dr. Mahendra Sethi
8.	SPA/NS/RP/14 88	Mohit Sharma	Regional Connectivity for Influence Region of Noida International Airport	Dr. Sandeep Raut
9.	SPA/NS/RP/14 89	Nagadeepthi Bommareddy	Strategizing for Circular Economy in Amaravati Region, Andhra Pradesh	Prof. Dr. Vinita Yadav
10.	SPA/NS/RP/14 90	Naina Saxena	Implications of Pilgrimage Tourism in Mountain Regions: Garhwal Himalaya.	Prof. Dr. Vinita Yadav and Prof. Dr. Sanjukta Bhaduri
11.	SPA/NS/RP/14 92	Rahul Hans	Strategies for Tourism Development in Jammu Division	Dr. Kanchan Gandhi
12.	SPA/NS/RP/14 93	Sachin Kumar Choudhary	Impact of Dwarka Expressway on Gurugram District	Dr. Sandeep Raut
13.	SPA/NS/RP/14 94	Samiksha Muddamwar	Eco-Tourism Development and Livelihood Opportunities in Nagpur District	Mr. K.K. Joadder
14.	SPA/NS/RP/14 95	Shirin Mangla	Impact of Rural Tourism on Development of a Hill District : Chamba District	Dr. Chetna Singh
15.	SPA/NS/RP/14 96	Shivang Goyal	Strategies for Tourism Development in Mirzapur District	Dr. Sandeep Raut
16.	SPA/NS/RP/14 97	Siddamala Rav Teja	Impact of Industries on Economy of Puducherry Union Territory	Prof. Dr. Vinita Yadav
17.	SPA/NS/RP/14 98	Surbhi Sahu	Sustainable development strategie a Tribal district: Case of Bastar Dist	Dr. Chetna Singh
18.	SPA/NS/RP/	Vipin Pal	Planning Strategies for an Agro- Climatic Zone: Case Study of Amritsar District	Mr. S. Surendra

## 9. Details of the Ph.D Thesis Topics

Year of Enrollme nt	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remark s if any
2018-19	Mr. Meet Fatewar	Subaltern Urbanisation in Uttar Pradesh: A Spatio- Economic Analysis.	Prof.Dr. Vinita Yadav	Part-time
2018-19	Ms. Priya Bhardwaj	Disaster Led Outmigration: A Case of Uttarakhand	Prof. Dr. Vinita Yadav	Part-time

2019-20	Mr. Zeeshan Ibrar	Resilience Framework for Flood Affected Region: Case Study of Bihar	Prof. Dr. Vinita Yadav	Full-time
2021-22	Ms. Urooj Fatima	Socio-economic and Spatial Disparity in Southern District of Orissa	Prof. Dr. Vinita Yadav	Full-time

## 10. Details of Research Projects

NIL

## 11. Details of Consultancy Projects

NIL

## 12. Details of Research Publications

**Vinita Yadav**

### Book

1. Yadav, V. and Kalambe, Rohini Neelkanthrao (2022). 'Corridor Development n India Impact on Land Acquisition', London: Routledge India, Taylor and Francis, pages 208, ISBN No. 9780367480714

### Book Chapter

1. Yadav, V. and Singh, D. (2021). Impact of COVID-19 on Migrant Villagers in the S.M. Akhter (Ed.) book titled 'Architecture and Planning for Villages', New Delhi: Wellworth Books International, Pages 340-343, ISBN 978-81- 953960-0-9

### Articles in Journal

1. Fatewar, M. and Yadav, V. (2021). Assessment of Urbanisation's Trends and Patterns: A Global Perspective. Nagarlok, Vol. LIII, October - December 2021, Issue 4, p. 1-15, ISSN No. 0027-7584
2. Yadav, V. and S. Jacob (2021). Impact of The Lockdown on Women Domestic Workers. special issue of Indian Journal of Public Administration (IJPA) on 'Management of Pandemics', volume 67, no 3, July - September 2021.
3. Yadav, V. and Z. Ibrar (2021), Relationship of Water Stress and Flood Damage for Sustainable Development. Water Resources Management: An International Journal - Published for the European Water Resources Association (EWRA), 36, pages1323–1338.

### Others

1. Yadav, V. and Bharadwaj, P. (2022) Inducing and Sustaining Reverse Migration: Strategies and Way Forward, conference proceedings The Indian Society of labour Economics. 62nd Labour Economics Conference, 11-13 April 2022 IIT Roorkee, Uttarakhand. Book of Abstracts, Year 2022, Pages 165-166

## **Chitena Singh**

1. UNIT 9 Village Planning: History & Theory, Socio-economic Basis for Villages (2022): Indira Gandhi National Open University (IGNOU), School of Engineering & Technology, Diploma in Smart City Development and Management (DSCDM) Programme, MIO-001 Introduction to Smart Regions: Smart Cities and Smart Villages, Printed and published on behalf of the Indira Gandhi National Open University by Director SOET. Laser Typesetting by School of Engineering and Technology, IGNOU, New Delhi
2. UNIT 10 Concepts for Villages and Smart Villages (2022): Indira Gandhi National Open University (IGNOU), School of Engineering & Technology, Diploma in Smart City Development and Management (DSCDM) Programme, MIO-001 Introduction to Smart Regions: Smart Cities and Smart Villages, Printed and published on behalf of the Indira Gandhi National Open University by Director SOET. Laser Typesetting by School of Engineering and Technology, IGNOU, New Delhi.
3. UNIT 11 Physical Infrastructure in Smart Villages (2022): Indira Gandhi National Open University (IGNOU), School of Engineering & Technology, Diploma in Smart City Development and Management (DSCDM) Programme, MIO-001 Introduction to Smart Regions: Smart Cities and Smart Villages, Printed and published on behalf of the Indira Gandhi National Open University by Director SOET. Laser Typesetting by School of Engineering and Technology, IGNOU, New Delhi
4. UNIT 12 Community Participation in Development of Smart Villages (2022): Indira Gandhi National Open University (IGNOU), School of Engineering & Technology, Diploma in Smart City Development and Management (DSCDM) Programme, MIO- 001 Introduction to Smart Regions: Smart Cities and Smart Villages, Printed and published on behalf of the Indira Gandhi National Open University by Director SOET. Laser Typesetting by School of Engineering and Technology, IGNOU, New Delhi

## **13. Details of Membership in Committees/Editorial Boards/Any other**

### **Vinita Yadav**

#### **National**

1. Expert, Himachal Pradesh Public Service Commission (HPPSC), 3 - 4 June 2022
2. Expert, End-term evaluation (on-line mode) of integrated semester studio of first semester Master's in Planning of School of Planning and Architecture, Bhopal, 27 and 28 January 2022.
3. Expert, NIDM-GFDRR Online Course, 2 February to 2 March 2022.
4. Reviewer, Article Review 'Affordable Housing in India – A Beneficiary Perspective' for Indian Journal of Public Administration. 2 March 2022
5. Reviewer, Article Review 'Enabling Urban Poor Women To Negotiate Empowerment Through Housing Micro Finance' for Indian Journal of Public Administration, 29 April 2022.

#### **International**

1. Reviewer, Research Article Review 'Monitoring of drinking water contaminants in the region of Peja, Kosovo.' Emirates Journal of Food and Agriculture, 4 December 2021.
2. Reviewer, Manuscript review 'Postpartum depression crisis since the second lockdown and 'screening paradox': many women identified, very few treated' by Magdalena Chrzan-Detkos, Tamara Walczak-Kozłowska, BMC Public Health, Springer Nature SNNAPP, 9 May 2022.



## **Editorial Boards**

1. Member, Conscious Urbanism: The Journal of Planning, Architecture and Design, 2021 till date

## **Chetna Singh**

1. Research Committee Member and Member of Selection Committee to conduct interviews for Doctoral Programme in Department of Architecture and Planning at Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi.

## **14. Conferences, Exhibitions, Seminars, Workshop Organized**

### **Vinita Yadav**

1. Organised 5 day event titled 'International Training Programme for Managing Regions' from 6 December to 10 December 2021 at School of Planning and Architecture, Delhi.

### **Chetna Singh**

1. Exhibition of thesis work – **Saransh** from 1-3 June 2022

## **15. Papers Presented in Seminars, Workshops, Conferences etc.**

### **Vinita Yadav**

1. Planning Imperatives for improving Quality of Life in Urban Villages, National Capital Territory (NCT) of Delhi, joint article by Vinita Yadav and Urooj Fatima In International Research Symposium On Urban Villages – A Transformational Discourse in Architecture and planning, UVCT, NIUA, FOA&E-JMI, 20-21 May 2022.
2. Paper titled 'Inducing and Sustaining Reverse Migration: Strategies and Way Forward' presented on Day 3 13 April 2022, Parallel Technical Sessions, Technical Session 2.9 | Migration and Development, 62nd Annual Conference of the Indian Society of Labour Economics to be held at Indian Institute of Technology (IIT), Roorkee, Uttarakhand, India. 11-13 April 2022
3. lecture on "Academic Writing" for SPA, New Delhi's Ph.D. students in the conference room of the Department of Transport Planning, 25 March 2022 from 2pm to 4 pm today
4. Talk on 'Perspective Planning of Rohtak Municipal Area' to Master's students of Department of Urban Planning, 15 March 2022.
5. Facilitation support in NIDM-GFDRR Online course 'Risk Sensitive Land Use Planning (RSLUP)', 2 February to 2 March 2022.
6. Skill Lab on 'Methods of Participatory Learning for Community Wor'k, St. Claret College, Bengaluru on 3 February 2022.
7. Virtual presentation of 'Dynamics of Regional Disparity in India' with Ms Urooj Fatima, Research Scholar, Department of Regional Planning, School of Planning and Architecture, New Delhi on 10 December 2021, in Technical Session VII: Urban Realities and Regional International in an International Conference on the topic 'Resurgence of Regions', 52<sup>nd</sup> Regional Science Association Co-hosted by Institute of Development Studies, Kolkata in Collaboration with Regional Science Policy and Practice from 8 to 10 December 2021

8. extension lecture titled 'Challenges in Planning for a Smart City Region' on the theme of 'City-Regions' delivered to the students of M. Arch. Urban Regeneration at the Faculty of Architecture & Ekistics, Jamia Milia Islamia on 20 September 2021 at 11 a.m.

### **Chetna Singh**

1. 62nd Annual Conference of the Indian Society of Labour Economics (ISLE) in IIT Roorkee, Uttarakhand during 11-13 April 2022. Organised by the Department of Humanities and Social Sciences, IIT Roorkee, Uttarakhand
2. Delivered Online Lecture on the topic of 'Concepts for Villages and SMART Villages' for IGNOU on 16 June 2022.
3. Delivered Online Lecture on 'Infrastructure in Rural Areas' as part of Introduction to Smart Regions, Development and Management Counselling-II on 19 March 2022

### **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

#### **Vinita Yadav**

1. Confidential work of Himachal Pradesh Public Service Commission (HPPSC), 3 and 4 June 2022.
2. Design premier 2022, showcasing the works of Graduating students of the Department of industrial design, 25 and 26 May 2022.
3. Book launch 'Manual of Hospital Planning and Designing', Organised by SPA, New Delhi, 2 March 2022..
4. Online participation in TERI's World Sustainable Development Summit (WSDS), under the umbrella theme, 'Towards a Resilient Planet: Ensuring a Sustainable and Equitable Future' from 16 to 18 February 2022.
5. Colloquium on NITI Aayog Report on 'Reforms In Urban Planning Capacity In India', New Committee Room, 11 October 2021
6. SPA Research and Consultancy (SPARC) talk series lecture on 'Vaishno Devi Today and Tomorrow (Study and proposal)' delivered by Prof. Dr Mandeep Singh and Mr. Manu Mahajan via online mode, 22 September 2021.
7. DIC webinar series 'Design Thinking and Product Development – Idea to prototype to Patent', 8 September 2021.
8. Seminar on 'National Education policy' organised by Dean (Academics) and supported by IQAC, 5 September 2021.
9. Special lecture on the topic 'Self-building Golconde, Narrating Architecture as Process' by Saptarshi Sanyal on 1 September 2021 from 3:00 PM 5:00 PM (IST)
10. Lecture titled 'No Idea Too Small' delivered in Innovation Talks Webinar Series on "Design Thinking and Product Development" organized by Design Innovation Center (DIC) at SPA, New Delhi, 1 September 2021.
11. 3-day online training programme on "Disaster Resilient Healthcare Infrastructure" organized by Department of Architecture held on 13, 15 and 16 April 2021.

### **Chetna Singh**

1. 62nd Annual Conference of the Indian Society of Labour Economics (ISLE) organised by the Department of Humanities and Social Sciences, IIT Roorkee, Uttarakhand held in IIT Roorkee, Uttarakhand, 11 to 13 April 2022.
2. GSP Online Briefing for teachers on 'Dumpsites and Landfills in India, Trash Turmoil' organised by Center for Science and Environment on June 30 2022, 3:30-5:00 PM.
3. The Biodiversity Brouhaha, Who Profits? organised by Center for Science and Environment, 20 May 2022, 4:00 – 5:00 PM,
4. Online Webinar/ Lecture on 'Adivasis and Anthropocene: What an environmental history of Eastern India can tell us about the global ecological and climate crisis', organised by Centre for the Study of Law and Governance, Jawaharlal Nehru University, Delhi, 8 April 2022, 4:00-5:00 PM,
5. 'How Much Should the Polluter Pay? Indian Courts and the Valuation of Environmental Damage', organised by Centre for the Study of Law and Governance, Jawaharlal Nehru University, Delhi. 29 April 2022, 4:00-5:00 PM,

## **17. Membership of Professional Bodies**

### **Vinita Yadav**

1. Life Member, Institute of Town Planners, New Delhi.
2. Life Member, National Association of Geographers, India.
3. Life Member, Regional Science Association of India, Calcutta
4. Life Member, Deccan Geographical Society
5. Life Member, Institute of Remote Sensing, Dehradun

### **Chetna Singh**

1. Institute of Town Planners, New Delhi.

## **18. Additional Information if Any**

1. Special Lectures (3) organised on 'Report Writing Skills' by Dr. Debolina Kundu, Professor, NIUA, New Delhi

## 2.8 DEPARTMENT OF HOUSING

### 1. Academic Programs Offered by the Department

- Master of Planning (with specialization in Housing)
- Ph.D Programme in Housing

### 2. Year of Establishment of the Department: 1958

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
P.S.N. Rao	Director, Professor of Housing and Head of the Department till 31 Dec., 2021	Ph.D.; M.Plan (H) (Gold Medal); B.E. (Civil); A.I.I.A. (by Exam); Cert. Urb. Mgt. (Canada); Adv. Cert. in Art Appr. (NGMA) COA/2001/28624	Urban Planning, Housing, Real Estate, Water Sanitation and Environment, Governance
Ruchita Gupta	Associate Professor and Head of the Department from 1 Jan., 2022 onwards	Ph.D, Master of Planning (Housing), B.Arch CA/99/24621.	Housing
Harshita Deo	Assistant Professor	B.Arch., M.Plan. CA/2009/44833	Urban Planning, Housing

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
P.S.N. Rao	II	I	Planning Studio	4
	III	II	Real Estate	2
	IV	II	Thesis	4
Ruchita Gupta	III	II	Informal Housing, Slums and Poverty (Theory)	2
	I	I	Planning Studio	6
	III	II	Project Formulation and Design (Studio)	6
	II	I	Urban and Rural Housing Policy and Programme (Theory)	2
	II	I	Housing Options and Strategy (Studio)	6
	IV	II	Housing Studio- Thesis (Studio)	6
Harshita Deo	I	I	Housing Theory	1

	I	I	Planning and Design Studio	6
	II	I	Housing Standards, Design & Projects	2
	II	I	Housing Strategy Studio	7
	III	II	Housing Studio	9
	IV	II	Thesis Studio	7

#### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Ruchita Gupta	B.Plan 3 <sup>rd</sup> Year	Housing (Theory)	1
	B.Plan 4 Year	Thesis Guidance (Studio)	1
Harshita Deo	I Sem. I year	CPP1b Planning for Conservation (Housing Module)	4

#### 6. Details of Teaching Work Undertaken by Visiting Faculty

S. No.	Name of the Faculty	Semester	Subjects Theory and Studios	Hour per Week
1	Sh. Akshaya Sen	II	Housing Finance and project formulation	1
2	Smt. Rita Bhattacharya	II	Housing Finance and project formulation	1
3	Sh. Shailesh Kumar Agarwal	II	Elective 1 Material and Technology	2
4	Mr. J.B. Ghildiyal	II	GIS Applications in Housing-I	2
5	Sh. Vinod Sakle	II	Housing Strategy-Studio	3
6	Smt. Chitra S. Jain	II	Housing Strategy-Studio	3
7.	Sh. J.B.Ghildiyal	III	Housing Studio- GIS applications in Housing-II	2
8.	Sh. Vinod Sakle	III	Housing Studio- Housing Project Formulation	3
9.	Dr. Bipasha Kumar	III	Disasters and Settlements	2
10.	Dr. Pushpanjali Jha	III	Departmental Elective: Inclusion and Community Participation	2
11.	Dr. Bipasha Kumar	III	School level Elective	2
12.	Sh. Sanjeev Saxena	IV	Housing Legislation and Governance	2
13.	Dr. P. Jayapal	IV	Global Perspective on Housing	2 hrs. only
14.	Sh. Pramil Nehemiah Arauldoss	IV	Global Perspective on Housing	2 hrs. only
15.	Sh. Arpan Mazumder	IV	Global Perspective on Housing	2 hrs. only
16.	Sh. Harpreet Singh Arora	IV	Global Perspective on	2 hrs.

			Housing	only
17.	Smt. Parul Agarwala	IV	Global Perspective on Housing	2 hrs. only
18.	Sh. Sanjeev Saxena	IV	Housing Legislation and Governance (School Level Elective)	2
19.	Sh. Vinod Sakle	IV	Thesis Studio	9
20.	Ms. Chitra S. Jain	IV	Thesis Studio	5
21.	Ms. Rita Bhattacharya	IV	Thesis Studio	5

## 7. Details of Studio Work Undertaken by Students

### Semester II - Housing Strategy Studio

The second semester housing studio programme is “Housing strategy”.

The students had taken up their respective Cities for this exercise, studied and understood its housing subsystem and finally formulated a housing strategy for their respective cities like Lucknow, Ghaziabad, Aurangabad, Nagpur, Vishakhapatnam, Jabalpur etc.. They studied the various housing sub-systems including organic, planned and unplanned settlements and analyzed the various housing options available in different housing sub-systems based on people’s affordability, also identified supply constraints, shortage, etc. and developed a strategy to address the housing problems of their respective cities in the next ten years.

### Semester III- Housing Project Formulation

Housing Project Formulation is a studio exercise focused on the study of Real Estate Housing Market in various cities of India. Sites are identified based on the spatial trajectory of city level residential Real Estate growth, and geographical factors. This exercise focused on developing exposure to housing and the Real Estate Market.

In this studio two types of projects were taken up by the students: Brownfield and Greenfield.

For the Greenfield project, 9 students studied the housing market in their respective cities. As per the overall housing scenario the macro and micro housing market was studied, a housing project was formulated on the selected sites. The students presented the most viable housing project, considering the market study, site analysis, product mix, facilities provided and the financial feasibility of the same.

The remaining 15 students worked on the redevelopment project of two metro cities - Mumbai and Delhi. 9 students worked on the Khirki Extension, Delhi, which is one of the 1731 unauthorized colonies in Delhi. The total site of 65 acres, Khirki Extension Redevelopment was taken as a live project under the UC Regeneration Scheme, where the aim was to redevelop the site by providing better-quality lifestyles and dwelling units to a population of approximately 35000 people. This project formulation was done as a studio exercise following participatory approach, and also worked on making the project financially feasible.

The remaining 6 students worked on BDD Chawl-Worli situated in the Heart of Mumbai. As part of the studio exercise, they worked on the redevelopment of the existing Chawls. Present conditions, Redevelopment Norms, and policies given under the UDCPR (Development Control Norms for Mumbai) were analysed. The site of 24 Ha was developed by analysing the macro and micro real estate market trends and trajectories. The entire study was backed with

financial feasibility by calculating entire project life cycle cost and making the project technologically and financially workable.

### 8. List of Thesis Topics

S. No.	Roll No	Names of Students	Thesis Topic	Guide
1	HSG/650	Abhinav Sharma	Analysis of Unauthorised Construction Practices in Planned Residential Areas of Delhi	Mr. Vinod Sakle
2	HSG/651	Adila Mehjebin KT	Social Housing Programmes in Canada	Prof. Dr. P.S.N. Rao
3	HSG/652	Anubhav Arora	Role of Real Estate Developers, Mohali	Ms. Chitra Jain
4	HSG/653	Apurva Sanjay Deshmukh	Evaluation of Integrated Township Policy in Pune	Ms. Rashi Gupta
5	HSG/654	Deeksha Kharbanda	Implementation of PMAY in Gurugram, Haryana	Dr. Ruchita Gupta
6	HSG/655	Himanshu Baranwal	Informal Housing in Peri-urban Areas of Ranchi	Ms. Rashi Gupta
7	HSG/656	Isha Shankar Deshpande	Transformation of Parsi Housing Colonies in Mumbai	Prof. Dr. P.S.N. Rao
8	HSG/657	Janhavi Rajeev Korde	Affordable Housing in Thane	Ms Harshita Deo
9	HSG/658	Juhi Kumari	Slums and Govt. Interventions in Patna.	Ms. Chitra Jain
10	HSG/659	Jyoti Pal	Evaluation of PMAY (U) in Himachal Pradesh	Ms. Rita Bhattacharya
11	HSG/660	Ketan Dhawan	Real Estate Development in Sonipat	Ms. Rashi Gupta
12	HSG/661	Mitul Bishnoi	Evaluation of CM Jan Awas Yojana in Jaipur, Rajasthan	Dr. Ruchita Gupta
13	HSG/662	Mrinal Verma	Evaluation of PMAY (U) in Lucknow, Uttar Pradesh	Ms Harshita Deo
14	HSG/663	Nitu Kumari	Shelter for Homeless in Patna	Ms. Rita Bhattacharya
15	HSG/664	Piyush Kumar Pandey	Housing Options for Long Stay Foreigners in Varanasi	Prof. Dr. P.S.N. Rao
16	HSG/665	Rasika Deo	Unauthorised Colonies in Indore	Dr. Ruchita Gupta
17	HSG/666	Rohit Parmar	Slum Improvement Policies in Indore	Mr. Vinod Sakle
18	HSG/667	Sakshi Saxena	Impact of Industries on Housing in Greater Noida	Mr. Vinod Sakle
19	HSG/668	Sana Hassan	Evaluation of Housing by Bihar State Housing Board	Dr. Ruchita Gupta
20	HSG/669	Sanda Praveenkumar	Evaluation of 2BHK Dignity Housing Scheme in Hyderabad	Prof. Dr. P.S.N. Rao
21	HSG/670	Sandeep Singh Rathore	Housing for Industrial Workers in Kanpur	Ms. Rashi Gupta

22	HSG/671	Shailekshi	Unauthorised Colonies in Lucknow	Ms Harshita Deo
23	HSG/673	Takshita Pachkawade	Slum Improvement in Nagpur	Mr. Vinod Sakle
24	HSG/674	Upali Jambhule	Student Housing in Hyderabad	Ms Harshita Deo

### 9. Details of the Ph.D Thesis Topics

S. No.	Name of the Student	Thesis Topic	Name of Guide(s)
1.	Ms. Anjali Sharma	Comprehending the Process of Slum Redevelopment in Mumbai : A Spatial Justice Approach	Prof. Dr. P.S.N. Rao Prof. Dr. Ashok Kumar
2.	Ms. Suparana Lahiri	Cost Modeling of Housing Prototypes for Predicting an Optimal Building Height.	Prof. Dr. P.S.N. Rao
3.	Ms. Jyoti Dash	Comparative Analysis of Land Pooling Models for provision of Land for Housing in India	Prof. Dr. P.S. N. Rao
4.	Abhishek Kumar Bittu	Framing Sanitation Solutions for Urban Poor in Metropolitan Cities	Prof. Dr. P.S. N. Rao
5.	Sarvesh B. Nandgirikar	Aberration of Koliwadas- Rethinking Urban Policies and Guidelines for Koliwadas of Mumbai	Prof. Dr. P.S. N. Rao
6.	Richa Goyal	Analysis and Impact of RERA act for Housing Projects: Case Study of Noida, U.P.	Prof. Dr. P.S. N. Rao
7.	Mr. Sanan Verma	Contradiction Between Industrialization and Residential Real Estate Markets: A Case Study of Punjab	Prof. Dr. P.S. N Rao

### 10. Details of Research Projects

NIL

### 11. Details of Consultancy Projects

S.No.	Name of the Project	Name of the Client	Project Team	Project Coordinator
1	Numaligarh Refinery Ltd., Project	Numaligarh Refinery Ltd.		P.S.N. Rao
2	NCR Plan 2041	NCRPB		P.S.N. Rao



3	“Preparation of Layout Plans of 3 unauthorized Colonies”	Delhi Development Authority	Prof. Sanjukta Bhaduri Prof Dr. P.S.N. Rao Dr. Ruchita Gupta	Prof. Sanjukta Bhaduri
---	--	-----------------------------	--	------------------------

## 12. Details of Research Publications

### Ruchita Gupta

1. Paper published in Shelter HUDCO publication, April 2022, Volume 23 No.1, ISSN 2347-4912. Housing Solution for Low Income Settlements-Case of Unauthorized Colonies in Delhi.

## 13. Details of Membership in Committees/Editorial Boards/Any other

### P.S.N. Rao

#### National Committees

1. Member, Advisory Council, DDA
2. Member, National Wetlands Committee, National Wetlands Committee, Ministry of Environment and Forests.
3. Member, Ministry of Tribal Affairs National Level Committee for Setting Up Museums for Tribal Freedom Fighters.
4. Member, Expert Appraisal Committee, Ministry of Environment and Forests.
5. Chairman, Town and Country Planning Board, AICTE.
6. Member, Central Zoo Authority
7. Member, Expert Committee in Urban Planning Reform, NITI Aayog.

#### Editorial Boards

1. Editor in Chief, SPACE Journal of SPA Delhi.
2. Member, Editorial Board, ARCHITEKTON.

### Ruchita Gupta

#### National Committees

1. Member, Board of Studies M.Plan program, Department of Architecture and Planning in Indira Gandhi Delhi Technical University for Women, Kashmere Gate.
2. External Expert, Departmental Research Committee at Amity School of Architecture and Planning, Amity University, Haryana.

## 14. Conferences, Exhibitions, Seminars, Workshop Organized

### Ruchita Gupta

1. Nodal officer for offline Seminar on Inclusive Housing which was also live streamed to the online participants under a programme called Awas Par Samvaad held at School of Planning and Architecture, New Delhi (SPA) on 19 August 2021.
2. Member in Organizing Interaction workshop with RWAs of Khirki Extension on 9 October 2021, at SPA, New Delhi as part of the project on "Preparation of Layout Plans of 3 unauthorized Colonies".
3. Member in Organizing Interaction workshop with RWAs, Councillors and PM-UDAY Representatives of Saroop Nagar and East Azad Nagar on 30 October 2021, at SPA New Delhi as part of the project on "Preparation of Layout Plans of 3 unauthorized Colonies".
4. Member of Organising team for the online panel discussion on "Embracing the New Normal" the panellist were trained Psychiatrist on 19 September 2021.

### Harshita Deo

1. Member of organizing team of offline Seminar on Inclusive Housing which was also live streamed to the online participants under a programme called "Awas Par Samvaad" held at School of Planning and Architecture, New Delhi (SPA) on 19 August 2021.

## 15. Papers Presented in Seminars, Workshops, Conferences etc.

### P.S.N. Rao

1. Gave the welcome address in online seminar on National Education Policy held on Teachers Day on 5<sup>th</sup> September, 2021.
2. Keynote speaker in a panel discussion on the topic 'Architectural Marvels of India' held in the Ministry of Housing and Urban Affairs, Government of India on the 27<sup>th</sup> July, 2021.
3. Participated in panel discussion on Making Affordable, Sustainable and Innovative Housing – A Reality in Cities organized at the 6<sup>th</sup> SMART CITIES INDI 2021 Expo conducted on 24 March, 2021.
4. Chairperson of the Expert panel for the technical session on Capacity Building for Urban Resilience: Approaches and Strategies on the occasion of 5<sup>th</sup> World Conference on Disaster Management on 24<sup>th</sup> November, 2021.

### Ruchita Gupta

1. Presented in a two day Conference on Affordable Housing in India, July 4-5, 2022.
2. Invited as expert speaker by School of Planning and Architecture, Bhopal on the topic "**Challenges in Rental Housing Supply in India**" for workshop on "Awas Par Samwad" on 26<sup>th</sup> August 2021.
3. Invited to deliver Special Lecture on '**In-situ Slum Redevelopment- The real Challenges**' at School of Planning and Architecture, Bhopal on 27<sup>th</sup> September 2021.
4. Invited to deliver Guest Lecture on Inclusive Habitats '**Affordable Rental Housing Complexes**' in Amity School of Architecture and Planning, Amity University on 4<sup>th</sup> October 2021 on occasion of World Architecture Day.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

### **Ruchita Gupta**

1. Attended the Colloquium on NITI Aayog "Report on Reforms in Urban Planning Capacity in India" on Monday 11 October 2021, organised by SPA, New Delhi.
2. Attended five days Online International Training and Capacity Building Program (ITCBP) titled "Resilient Urban Development" conducted by SPA Foundation for Innovation and Research for Social Transformation at SPA, New Delhi from 1 st to 5 th December 2021.

### **Harshita Deo**

1. Attended the Colloquium on NITI Aayog "Report on Reforms in Urban Planning Capacity in India" on Monday 11 October 2021, organised by SPA, New Delhi.
2. Attended five days Online International Training and Capacity Building Program (ITCBP) titled "Resilient Urban Development" conducted by SPA Foundation for Innovation and Research for Social Transformation at SPA, New Delhi from 1 st to 5 th December 2021.

## **17. Membership of Professional Bodies**

### **P.S.N. Rao**

FITP, FIE, AIIA

### **Ruchita Gupta**

AITP

### **Harshita Deo**

AITP

## **18. Additional Information if Any**

### **Ruchita Gupta**

1. Paper Reviewer in the 2nd National Online Conference on Planning, Design and Management-2022 organised by Town Planning Section, Civil Engineering Department, College of Engineering Pune from 6 to 7 May 2022.
2. Invited for Expert consultation for a project on Development of Design Standard for Thermally Comfortable Affordable Homes in collaboration with GIZ and MOHUD.

## **19. Any other information of Relevance**

1. Special Lecture by Triveni Prasad Nanda on Urban Land Management.

## 2.9 DEPARTMENT OF TRANSPORT PLANNING

### 1. Academic Programs Offered by the Department

- Master of Planning (Transport Planning)
- Ph.D. in Transport Planning

### 2. Year of Establishment of the Department: 1970

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualification	Areas of Specialization
Sewa Ram	Professor and Head of the Department from 19 May, 2020 onwards	Ph.D. Planning (Transport) SPA Delhi, B. Tech.Civil ,IIT Delhi	Transport Infrastructure, Road Safety, Transport Accessibility, Planning and Design for vulnerable users, Airport and Transit connectivity design, Transport, landuse and Environment Integration
Sanjay Gupta	Professor	M.Sc.; M.TP; Ph.D.; FITP; Commonwealth Academic Fellow (UK)	Public Transport Planning, Freight Logistics, Transport Policy, Travel Behavior and demand Modeling, Transport and Climate Change, Transport equity issues
Chidambara	Associate Professor	PhD	Transport Planning
Bhaskar Gowd Sudagani	Assistant Professor	Ph.D, M.Plan - Transport Planning, B.Tech - Civil	Travel Demand Modelling, Urban Transport Planning, Landuse Transport Integration, Transport Financing & Economic Development, Road Safety.

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Sewa Ram	II	Road Safety and Environment	2
	II	Traffic Engineering	2
	III	Transport Infrastructure Design	2
	III	Design Studio	4
	III	Formulation of Thesis	1
	IV	Applied Quantitative methods	1
	IV	Thesis	4
Sanjay Gupta	II	Public Transport Planning	2
	III	Logistics and Urban Freight (L) (III Sem)	2
	III	Design Studio (Planning Stream)	4
	III	Analytical Transport Planning	1
	IV	Transport Policy, Legislation and Institutional Framework	2

	IV	Thesis	5
Chidambara	III	Studio	5
	III	Analytical Transport Planning	1
	III	Public Transport & City Development	2
	IV	Institutional Framework & Transport Policy	1
Bhaskar Gowd Sudagani	II	Urban Transport Planning	2
	II	Planning and Design Studio TP2.05	8
	III	Engineering Economics	2
	III	Planning and Design Studio – TP3.04	4
	IV	Thesis	4

### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
Sewa Ram	I	I	Transport Planning -M Planning Integrated First Semester	1
	I	I	Design Studio – M Planning Integrated First Semester	3
	I	I	Input of Transport Planning to First Sem M Arch	0.25
	II		Planning and Design for Universal Accessibility – Institute Elective	2
	PhD		Research Methodology (Quantitative Methods)	1
Chidambara	I	I	Design Studio – M Planning Integrated First Semester	6
Bhaskar Gowd Sudagani	I	I	Transport Planning -M Planning Integrated First Semester	1
	I	I	Design Studio – M Planning Integrated First Semester	9

### 6. Details of Teaching Work Undertaken by Visiting Faculty

**Aug – Dec, 2021**

S.No.	Faculty	Semester	Subject Theory & Studios	Hours Per Week
1.	Nimisha Pal	III	Lecture	1
2	Dr V.Maitri	III	Lecture	2
3.	Vaishali Gijre	III	Studio	3
4.	Ashok Bhattacharya	III	Studio	3
5.	Dr PK Sarkar	III	Studio	3
6.	YP Sachdeva.	III	Studio	5

## Jan – May, 2022

S.No.	Faculty	Semester	Subject Theory & Studios	Hours Per Week
1.	Sh Sameer Sharma	IV	Thesis	6
2	Dr V.Maitri	IV	Lecture	2
3.	Dr PK Sarkar	IV	Studio +Thesis	11
4.	Sh YP Sachdeva	II & IV	Studio +Thesis	11
5.	Sh Laghu Parashar	IV	Thesis	9
6.	Sh Amit Bhatt	IV	Thesis	9
7	Ms Anjula Negi	IV	Thesis	9
8	Ms Vaishali Gijre	II & IV	Studio +Thesis	11

## 7. Details of Studio Work Undertaken by Students

S.No	Semester	Title of the Studio Assignment & Brief Description
1.	II	<b>Comprehensive Mobility Plan, 2041 for Vijayawada, Andhra Pradesh</b> The aim was to provide improved mobility for the people of Vijayawada with a safe, secure, efficient, and reliable transport system emphasizing the pre-eminence of public transport, non-motorized transport, & integrating the land use with transport networks. The existing transport network, traffic characteristics, travel pattern and transport systems of Vijayawada were understood through data analysis. The travel demand model was developed using a four-stage modelling process in Visum. Future travel demand was estimated through the population, employment and external traffic projection, for the horizon year 2042 and further scenarios were developed. All plausible scenarios were evaluated based on parameters such as vehicle kilometre travelled, person kilometre travelled, emissions and public transport share. Finally, the best-case scenario was considered and strategies were developed for medium and long-term perspectives.
2.	III	<b>Title: Engineering Design of Road &amp; Transit-based Connectivity for Jewar Airport (Noida International Airport), Noida</b> The study aimed to conduct a detailed feasibility study and design of road and transit-based connectivity along with its alignment to have seamless connectivity between the proposed Jewar International airport at Noida to IGI airport to understand the connectivity pattern between the airport and its influence region.
3.	III	<b>TITLE: Planning for an Aerotropolis for Jewar International Airport, Noida</b> The study aimed to prepare self-sustained, economically diversified, logistics driven and low-carbon Aerotropolis conceptual plans for Jewar Aerotropolis with different activity mix and land area requirements in various proximity rings around the airport, based on the various national and international case studies and land use patterns around them; for facilitating the flow of freight and logistics activities, boost employment growth and become stimulus of growth for the Jewar Airport region.

4.	III	<p><b>Efficient Management of Passenger &amp; Cargo handling at Jewar Airport</b></p> <p>The main objectives of the study were To Review the present systems of passenger &amp; Cargo handling against the best global practices. To Identify and evaluate the relevant service &amp; operational parameters to optimise the efficiency of airport operations. To enhance the passenger &amp; goods handling capacity using ITS &amp; other interventions. To undertake a cost-benefit analysis for the increased efficiency in regards to suggested interventions.</p> <p>The scope of the study was limited to the existing system of managing passengers from arrival at airport premise to the airport terminal building (Access of terminal from parking space or boarding, alighting, Metro, Bus system within the airport premise) and managing passenger/baggage from the terminal to aircraft gate (ticketing/boarding counter, security check, baggage, waiting area, aircraft area entry)</p>
----	-----	--

## 8. List of Thesis Topics

Roll No.	Name of the Students	Thesis Report	Thesis Guide
SPA/NS/TP/677	Aakanksha Vyas	Psycho-Social Parameters in Mode Choice Model: Case Study of Greater Mumbai	Dr. Sanjay Gupta
SPA/NS/TP/678	Abhay Gupta	Potential of Demand responsive transport, Case study of Delhi	Dr. Sanjay Gupta
SPA/NS/TP/679	Aditya Soni	Potential of Short-haul Air Taxi Services for Mobility Management in Urban Areas	Dr. Bhaskar G. Sudagani
SPA/NS/TP/681	Ankur Gautam	Role of ipt in emerging metro city of ghaziabad	Sh. YP Sachdeva
SPA/NS/TP/656	Ankush Dwivedi	Barriers in modal shift to public transport.	Sh. YP Sachdeva
SPA/NS/TP/682	Arya M R	Mobility characteristics of physically challenged people and its effect on mode choice	Dr. PK Sarkar
SPA/NS/TP/683	Ashish Rohilla	Assessing the impact of street improvements on street economy using pedestrians' walking behavior modelling	Dr. Bhaskar G. Sudagani
SPA/NS/TP/684	Ashutosh Kumar Ojha	Transport accessibility to health infrastructure of Different hierarchy, Case study-Patna region	Dr. Sewa Ram
SPA/NS/TP/685	Atmic Jain	Framework for analyzing parking choice sensitivity of user using soft computing techniques in composite parking area	Dr. Sewa Ram
SPA/NS/TP/686	Diksha Sutar	Planning for tourist circuit and transportation service along the circuit-Case study of Maharashtra	Dr. PK Sarkar
SPA/NS/TP/687	Dipannita Kundu	Planning for Port Based Hinterland Logistics Facilities; Case Study – Haldia	Dr. Sanjay Gupta

		Port	
SPA/NS/TP/689	Mahima Soni	Comprehensive framework for ev adoption	Dr. Sanjay Gupta
SPA/NS/TP/690	Maitreyee Sanjay Khot	Service Level Benchmarking for Multi Modal Integrated Public Transport System: Case Study of Pune	Dr. Sanjay Gupta
SPA/NS/TP/691	Mandar C. Bhanuvanshe	Network Planning for Bicycle Use: A Case City of Nashik	Dr. Sewa Ram
SPA/NS/TP/692	Megha Kashyap	Perception of women safety in Public Transport, case of Lucknow	Dr. Sanjay Gupta
SPA/NS/TP/694	Pratik Jha	The Effect of Public Transportation System on Urban Sprawl, a case study of Asansol, West Bengal	Dr. Bhaskar G. Sudagani
SPA/NS/TP/695	Priyanka Swain	Electrification of Small Freight Vehicles: A case study of South Delhi	Dr. Sanjay Gupta
SPA/NS/TP/696	Rakesh Kumar	Financial and economic impact of fare free Public transport system.(A case study of pink tickets scheme in Delhi)	Dr. Bhaskar G. Sudagani
SPA/NS/TP/697	Ridima Kanwal	User perception on Mobility as a Service (MaaS) for urban areas: case study- Chandigarh	Dr. Sanjay Gupta
SPA/NS/TP/698	Sadhana Dnyaneshwar Hirave	Bus operations and charging infrastructure for electrification of regional public transport, Case study : Pune district	Dr. Sanjay Gupta
SPA/NS/TP/699	Sahil Mathur	Trip attraction rate for different hierarchy of commercial activities for a medium size city: Case Study of Aligarh	Dr. Bhaskar G. Sudagani
SPA/NS/TP/700	Salah Ud Din Ahmad	Mode choice modelling of tourist trips in Kashmir Valley	Dr. Bhaskar G. Sudagani
SPA/NS/TP/701	Shiwali Sharma	Children's Safe Mobility in Planned Residential Neighbourhoods - Case study of Beta 1, Greater Noida	Dr. Sewa Ram
SPA/NS/TP/702	Shriya Kumari	Accessibility cost component to total travel cost for Road and Rails - Case study of Delhi	Dr. Bhaskar G. Sudagani

## 9. Details of the Ph.D Thesis Topics

S.No	Name of the Student	Thesis Topic	Name of Guide
1.	Laghu Parashar	Sustainable Public Private Partnership Framework for city bus operation	Prof. Dr. Sanjay Gupta
2.	Vaishali Gijre	Development of Safety Index for Road Based Public Transport	Prof. Dr. Sewa Ram
3.	Naina Gupta	Environmental Capacity of Urban Roads under mixed traffic conditions.	Prof. Dr. Sewa Ram
4.	Shawon Aziz	Rational Approach for Black Spot	Prof. Dr. Sewa



		Assessment and its Management	Ram
5.	Monika Singh	Transport based social exclusion in urban areas	Prof. Dr. Sanjay Gupta
6.	Kushagra Sinha	Influence of Digital Technology on Travel Behavior	Prof. Dr. Sanjay Gupta
7.	Priyanka Kumar	Stakeholder Engagement base Decision Making in City Logistics	Prof. Dr. Sanjay Gupta
8.	Anjula Negi	Innovative Financing	Prof. Dr. Sanjay Gupta
9.	M.N.V. Pavan Kumar	Public Bike Sharing Systems and Travel behavior characteristics	Prof. Dr. Sewa Ram
10.	Shalvi Sharma	Airport connectivity Regional Development	Prof. Dr. Sewa Ram
11.	Rahul .V Bhatnagar	Level of Service for Access and Dispersal Facilities at stations of Different Categories	Prof. Dr. Sewa Ram
12.	Jaganath Das	Transport Network and Land use configuration	Prof. Dr. Sewa Ram
13.	D. Sairam	Non-Motorized travel demand integration in urban transport infrastructure	Prof. Dr. Sanjay Gupta
14.	Saloni Gupta	Low-carbon pathways to urban freight	Prof. Dr. Sanjay Gupta
15.	Adil Ata Azmi	Road accident Costing in India	Prof. Dr. Sewa Ram`
16.	Ish Kumar	Freight strategies for E-Commerce in Urban Area	Dr. Chidambara

## 10. Details of Research Projects

Name of Faculty	Name of the Project	Sponsored/ Funded by	Project Team	Project Coordinator
Sanjay Gupta	Coping with Climate: Policies for Climate Change Adoption and Transport Sector Mitigation in Indian Cities (CLIMATRANS)	Norway Research Council and Institute of Transport economics, (TOI), Oslo	Not Applicable	Prof. Dr. Sanjay Gupta
	Understanding Indian urban Governance Reform: A comparative Analysis of Smart City policy reforms and their impact on sustainable urban mobility (UNDERREFORM)	ESRC-ICSSR, U.K	Not Applicable	Prof. Dr. Sanjay Gupta

## 11. Details of Consultancy Projects

Name of Faculty	Name of the Projects	Name of the Client	Project Team	Project Coordinator
Sewa Ram	Design of Seamless and Continuous Cycle network from New Moti Bagh to North Block and South Block	NDMC	Prof. Dr. Sewa Ram Prof. Dr. PSN Rao Dr Amal Jose (till Feb 2022)	Prof. Dr. Sewa Ram
	Treatment of Blackspot intersection at Naziabad, Bijnor, Uttar Pradesh.	Delhi Cantonment Board	Prof. Dr. Sewa Ram (Project Team Leader) Dr. Bhaskar Gowd Sudagani Dr Amal Jose (Till Feb 2022) Dr. Pankaj Kant (From March 2022 till 11 August 2022)	Prof.Dr. Anil Dewan (Project Coordinator) Prof.Dr. Sewa Ram (Project Leader)
	Treatment of Blackspot intersection through Visibility Improvement through low cost measures	3M Singapore	Prof. Dr. Sewa Ram (Project Team Leader)  Dr Bhaskar Gowd Sudagani Dr Amal Jose (Till Feb 2022) Dr. Pankaj Kant (From March 2022 till 11 August 2022)	Prof.Dr. Sewa Ram
	Right of way Management	GMDA	Prof. Dr. Sewa Ram (Project Team Leader) Prof. Dr. PSN Rao Dr Amal Jose (Till Feb 2022) Dr. Pankaj Kant (From March 2022 till 11 August 2022)	Prof. Dr. Sewa Ram
Sanjay Gupta	Climate Friendly Freight Transport in India' Client:- GIZ	Deutsche Gesellschaft fur	Nil	Prof. Dr. Sanjay Gupta

		Internationale Zusammenar beit (GIZ) Gmb		
	Integrated Mobility study at Upper Terminal , Mussoorie under Dehradun- Mussoorie Ropeway Project" Client :- Uttrakhand Tourism Development Board , Dehradun	Uttrakhand Tourism Development Board , Dehradun	Prof. Dr. Sanjay Gupta, Sh. D. Sairam, (Prof. Dr. PSN Rao, Prof. Manoj Mathur- Advisors)	Prof. Dr. Sanjay Gupta
	Social Infrastructure Development Plan for Gurugrame-Manesar Urban Comple 2031(SIDP,GMUC- 2031) GMDA	GMDA (Gurugram Metropolitan Development Authority)	Sh. D. Sairam, Dr. Nilanjana Dasgupta Sur, Prof. Dr. PSN Rao (Advisor)	Prof. Dr. Sanjay Gupta
	Comprehensive Mobility Plan for Dwarka-K-II zone Project	DDA (Delhi Development Authority)	Prof. Dr. Sewa Ram, Sh. D. Sairam, Dr. Chidambara, Prof. Dr. PSN Rao (Advisor)	Prof. Dr. Sanjay Gupta
	Comprehensive Mobility Plan for - GMDA	GMDA (Gurugram Metropolitan Development Authority)	Prof. Dr. Sewa Ram , Sh. D. Sairam, Prof. Dr. PSN Rao (Advisor)	Prof. Dr. Sanjay Gupta
Chidambara	Comprehensive Mobility Plan for Dwarka	DDA	Team Member	Prof. Dr. Sanjay Gupta

## 12. Details of Membership in Committees/Editorial Boards/Any other

### Sewa Ram

#### National

1. \Member and Co-Convener of Transport Planning & Traffic Engineering Committee (H-1), IRC, MoRTH, GOI
2. Member of Committee of Road Safety & Design(H-7) IRC, MoRTH, GOI
3. Sub-Committee Convener for IRC: SP 41 "Guidelines on Design of At-Grade Intersection in Rural & Urban Areas, IRC, GOI
4. Sub-Committee Convener for "Type Design for Highway Milestone and Route Marker Signs for National Highways, IRC 8, IRC25, I RC26 and IRC31, GOI
5. Sub-Committee Convener for "IRC:39-1986 Standards for Road Rail Level Crossings" IRC ,GOI

6. Member of Sub Committee for formulation of “Type designs for Pick-up Bus Stops on Rural Highways, IRC80” GOI
7. Member of Sub Committee for formulation of “Sustainable Public Transportation” GOI
8. Member of Road Safety Council, Govt of NCT
9. Member, Research Degree Committee, (RDC) Planning, GNDU Amritsar
10. Member, Academic Advisory Board (AAB) for Planning Course, Amity University Noida
11. Expert Member, DRC, Amity School of Architecture & Planning (ASAP) Noida
12. Member, selection committee for JRF ,CSIR CRRI

#### **Editorial Boards**

1. Member ,Urban India Journal, NIUA
2. Member of Review Committee for papers in research Symposium, UMI,IUT,GOI

#### **Sanjay Gupta**

##### **National**

1. Sub-Committee for review and scrutiny of the parking plans prepared by the Civic Agencies, GNCTD, Transport Department.
2. Expert Committee, Capacity Building Programme for Town Planners appointed by MoHUA, GoI.
3. Evaluation Committee, Institute of Town Planners, India.
4. Advisory Committee, Department of Transport Planning and Logistics Management, SPA Bhopal.
5. Advisory Committee, Department of Planning and Architecture, GNDU Amritsar.

##### **International**

1. Special Interest Group (SIG H3) on “Infrastructure Operation and Traffic Management in Developing Countries” of World conference on Transport Research Society (WCTRS), U.K.
2. Special Interest Group (SIG 2) on “National and Regional Transport Planning and Policy” of World Conference on Transport Research Society (WCTRS), U.K.
3. Special Interest Group (SIG 8) on “Urban Freight” of World Conference Transport Research Society (WCTRS), U.K.

#### **Editorial Boards**

1. Special Interest Group (SIG 8) on “Urban Freight” of World Conference Transport Research Society (WCTRS), U.K.
2. SPACE Journal, School of Planning and Architecture, New Delhi.

#### **Any Other**

1. Anti-Plagiarism and Ethics Policy Committee, SPA-New Delhi.
2. Sub-Committee for Anti-Ragging, SPA-New Delhi.
3. Faculty selection committee at SVNIT, Surat.

### **13. Additional Information (if any)**

#### **Sewa Ram**

1. Chairman Grade Moderation Committee SPA Delhi ,till March 2022
2. Coordinator PhD Programme (CPP) till March 2022
3. Core member of capacity building for Road Safety Auditors programme by GOI through IIT Delhi, IIT Roorkee, IIT Jammu, VNIT Nagpur, IAHE,AITD ,MNIT Jaipur

#### **Sanjay Gupta**

1. Conducted Thesis jury examination 2nd year students of Department of Planning MTIP, SPA Vijaywada, June 2021.
2. Conducted External jury Design studio examination of 1st year students of Department of Planning MTIP, SPA Vijaywada, June 2021.
3. Delivered guests lectures on Public Transport Planning and Transport Policy & Infrastructure Planning (MTIP) at SPA Vijaywada, June 2021.
4. Anti-Plagiarism and Ethics Policy Committee, SPA-New Delhi
5. Sub-Committee for Anti-Ragging, SPA-New Delhi.
6. Faculty selection committee at SVNIT, Surat.

#### **Chidambara**

1. Department Faculty Placement In-charge

### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

NIL

### **15. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

#### **Sewa Ram**

1. Attended webinar on "Smart Habitat – IGNOU" 6 May 2022 (Online Mode) .
2. Attended Webinar "National Technology Day" 11 May 2022 by School of Engineering &Technology "IGNOU (Online mode).
3. Attended "Urban Mobility India " Institute of Urban Transport, October,2021 (Online Mode)
4. Attended West Zone Conference ,ITPI Maharashtra Regional Chapter, Nagpur, 29th November,2021 (Online Mode).
5. Attended "International Conference on Sustainable Mobility", SUMO 2021 , ITPI ,West Bengal Chapter,1 October,2021 (Online Mode).
6. Attended "8th International Conference on Transportation Systems Engineering and Management" organised by Centre for Transportation Research , NIT Calicut,27 August,2021(Online Mode).
7. Attended webinar on "Road Safety Engineering and Challenges" by India- International Road Federation, 9.5.2021 (Online Mode).

## **Sanjay Gupta**

### **National**

1. Expert Talk on Urban Freight Related Technical Capacities in Academia in National Level Consultative Meeting on Freight Smart Cities, 2<sup>nd</sup> July 2021 organised by GIZ and Ministry of Commerce and Industry, GOI.
2. Lecture Talk on Sustainable Urban Transport Systems and Policy Imperatives in MGICCC-DTU Collaborative Short-term Training Programme on Climate Change and Sustainable Development, 15<sup>th</sup> July 2021 organised by MGICCC-DTU.
3. Lecture Talk on Issues in urban Freight Management and solution to improve Urban freight distribution in National Capacity Building Program on Freight Management in Cities, 12<sup>th</sup> August 2021 organised by GIZ, CRDF CEPT University.
4. Lecture talk on Urban Freight: Trends challenges & policy imperatives in context of Indian cities in Webinar on Travel in cities: Urban Freight Logistics, 28<sup>th</sup> October 2021 organised by SVNIT Surat.
5. Lecture talk on Sustainable Urban Transport systems in Webinar on Climate Change, 8<sup>th</sup> Nov. 2021 organised by MGICC-Delhi.
6. Lecture talk on Evolving parking policies and management imperatives in Indian Cities in Mobilise you City program (MTC), India, 3<sup>rd</sup> Dec. 2021 organised by UMTC.
7. Lecture Talk on Transport and Mobility Resilience in International Training and Capacity Building Program on Resilient Urban Development, 4<sup>th</sup> Dec. 2021 organised by SPA-New Delhi.
8. Lecture talk on Overview of Comprehensive Urban Transport Planning Process and Emerging Research Issues in Short Term Training Program (STTP) "Recent Advances in Transportation Research", 21<sup>st</sup> Dec 2021 organised by Civil Engg. Deptt., Indus University, Gujarat.
9. Lecture Talk on Sustainable Transport systems for cities in National Seminar, 9<sup>th</sup> March 2022 organised by Department of Geography, Dr. B.R. Ambedkar College, Delhi University.

### **International**

10. Lecture Talk on Social exclusion related issues in Spatial Planning & Mobility Infrastructure in INTALInc Webinar, 25<sup>th</sup> Nov. 2021 organised by University of Manchester, U.K.

## **16. Papers Presented in Seminars, Workshops, Conferences etc.**

### **Sewa Ram**

1. Paper presented on "Smart Habitat- Transport Innovations "for live programme of IGNOU) 6 May 2022 (Online Mode)
2. Paper presented on the occasion of "National Technology Day" 11May 2022 by School of Engineering &Technology "IGNOU (Online mode)
3. Paper presented on "Planning for Rail Based MRTS" Capacity Building program for "Metro and Future Urban Rail Transport" IUT 10 May,2022
4. Paper presented on "Economic Development and Urban Mobility" Institute of Urban Transport,29 October,2021 (Online Mode)

5. Paper presented on Webinar “Safe Transport design “ RSA course, NIT Nagpur ,2 July 2021 (Online Mode)
6. Paper presented on “Impact of Samruddhi Mahamarg on Nagpur and Surrounding Region” West Zone Conference ,ITPI Maharashtra Regional Chapter, Nagpur, 29th November,2021(Online Mode)
7. Paper presented on “ Scientific Methodology of Quantitative Research” for FDP,CURAJ, 20 May 2021 (Online Mode)
8. Paper presented on “Innovative Analytical Tools” in webinar for AICTE-ISTE sponsored induction /Refresher Program, CURAJ , 10 January,2022 (Online Mode)
9. Presented the paper in the session on “Safety and accessibility” International Conference on Sustainable Mobility, SUMO 2021 , ITPI ,West Bengal Chapter, 1 October,2021 (Online Mode)
10. Chaired the session on “ITS and Others” in 8th International Conference on “ Transportation Systems Engineering and Management “ organised by Centre for Transportation Research , NIT Calicut, 27 August,2021 (Online Mode).
11. Invited to deliver the lecture on “ Network Design- Safety Consideration” IIT Jammu, 20 April,2021 (Online Mode)
12. Presented “ Safe Design of Intersection and Interchanges” IIT Roorkee , Noida Campus ,23 November,2021 (Offline Mode)
13. Presented a paper , as one of the key speaker on “Road Safety Engineering and Challenges” in webinar by India- International Road Federation, 9. 5.2021(Online Mode)
14. Invited to deliver lecture on Webinar for Certified Course for Road Safety Auditor, IIT Delhi,20th April,2022(Offline Mode)
15. Presented a Paper on “Current Challenges in Road Safety and Brainstorming Session “in Webinar organised by 3M
16. Presented a Paper on Hill Roads” School of Engineering and Technology, Central University of Haryana , 14 January 2022,(Online Mode)
17. Presented paper on “Research Tools& Techniques in Architecture and Planning”24 March 2022,Amity Academic staff college & Amity School of Planning and Architecture New Delhi

## **Sanjay Gupta**

### **National**

1. Paper presented on ‘Decarbonising Urban Freight: A Review of best practices & its applicability in Indian Context in CTSEM-2021 Conference, 27<sup>th</sup> August 2021 organised by NIT, Calicut.
2. Paper presented on ‘Integrating social equity in public transport accessibility planning’ in Urban Mobility India(UMI-2021) Conference, Nov. 2021 organised by UMI.
3. Paper presented on ‘Developing sustainable urban freight index for fruits and vegetables markets-case of South Delhi, India’ in Urban Mobility India(UMI-2021) Conference, Nov. 2021 organised by IISc Bangalore, IUT, India.
4. Paper presented on ‘Potential of ICT as an enabling tool in decarbonizing Urban Freight’ in National Conference on Swavtana Sustainable Cities, Dec. 2021 organised by SVNIT.
5. Paper presented on ‘Use of Urban rail as a decarbonisation strategy for goods distribution: A critical review of global efforts and its Potential adaptation in India’ in Urban Mobility India (UMI), Nov. 2021 organised by (UMI), IISC Bangalore.

## International

6. Paper presented on 'User preference for electric vehicle adaptation by small commercial vehicle for freight delivery in Delhi, India' in 8<sup>th</sup> International workshop on sustainable Road Freight Technologies for Transport decarbonisation , 11 Nov. 2021 organised by TU Delft University.

## Chidambara

1. Kumar, I. and Chidambara. "Urban Freight Patterns and Planning Implications of Emerging Trends in E-commerce Post COVID-19: Evidence from Cities in a Developing Economy" Presented at International Conference of Asian Shipping and Logistics (ICASL), Seoul Korea (Virtual Mode). June 3, 2022
2. Kumar, I. and Chidambara. "Freight Requirements for Emerging Trends in E-Commerce in Indian Cities and their Provisions in Planning Documents". Presented at TIPCE conference (Transportation Infrastructure Projects: Conception to Execution), IIT Roorkee September 14, 2022

## 17. Details of Research Publication

### Sewa Ram

1. Shawon Aziz, Dr. Sewa Ram (2021), A Review of the International Practices for Identification of Accident Black Spots and its Application in India's Context. Indian Highways, Volume: 49, Number: 04, 2021, ISSN 0376-7256 <https://drive.google.com/file/d/1wNGvrW1VINSrpFGTLKdLkZvwsuXlbBHP/view?usp=sharing>
2. Shawon Aziz, Dr. Sewa Ram (2022). A Meta-analysis of the methodologies practiced worldwide for the identification of Road Accident Black Spots. Transportation Research Procedia, Volume 62, Pages 790-797, ISSN2352-1465, <https://doi.org/10.1016/j.trpro.2022.02.098>. (<https://www.sciencedirect.com/science/article/pii/S2352146522002253> ) Scopus index)
3. Shawon Aziz, Dr. Sewa Ram (2022), A review of the spatial analysis techniques for the identification of road accident black spots and its application in context to India. Advances in Road Infrastructure and Mobility pp 511-524. IRF 2021. Sustainable Civil Infrastructures. Springer, Cham. (Online ISBN 978-3-030-79801-7, Print ISBN 978-3-030-79800-0) [https://doi.org/10.1007/978-3-030-79801-7\\_37](https://doi.org/10.1007/978-3-030-79801-7_37) (Scopus index),
4. Vaishali Gijre, Dr Sewa Ram (2021), Identification of Risk Factors affecting Bus safety in urbane Areas using Delphi Technique. Indian Journal of Transport Management pp 22-33. IJTM, Volume 45
5. Naina Gupta, Dr Sewa Ram, Dr Bhaskar Gowd (2022). Environmental Capacity of Roads under Mixed Traffic Conditions, Proceedings of the Sixth International Conference of Transportation Research Group of India . CTRG 2021. Lecture Notes in Civil Engineering, vol 273. Springer, Singapore. [https://link.springer.com/chapter/10.1007/978-981-19-4204-4\\_6](https://link.springer.com/chapter/10.1007/978-981-19-4204-4_6) (Scopus index),
6. Bhatnagar, R.V. and Dr. Ram, S., 2022. Assessment of level of service for access and dispersal facilities in a railway terminal. International Journal of Transportation Science and Technology, 11(2), pp.344-359. <https://doi.org/10.1016/j.ijtst.2021.04.010> (Scopus index),



## **Sanjay Gupta**

1. Travel behaviour of working women in Indian cities, published in International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06, June 2021, e-ISSN: 2395-0056 (Joint paper).
2. City Bus Service Delivery Through PPP: Reviewing Learnings from Global Case Cities, High Technology Letters, Volume 27, Issue 11, 2021 ISSN NO: 1006-6748, Nov. 2021 (Scopus index), (Joint Author).
3. PPP in City Bus Services: Learnings from Indian Case Cities, Design Engineering ISSN: 0011-9342 (2021) (Scopus index), (Joint Author).
4. Assessment of Ecosystem for Sustainable PPP in City Bus System. in Book: Proceedings of the Sixth International Conference of Transportation Research Group of India. DOI: 10.1007/978-981-19-3505-3 (Joint Author).
5. Key Performance Indicators of Sustainable Urban Freight for Jaipur City in India, Proceeding of the 5 th International Conference of Transportation Research Group of India, pp 315-328, 2022 (Scopus index), (Joint Author).
6. Impact of Accessibility on Mobility and Socioeconomic Levels of Slum Dwellers of Kolkata, Proceeding of the 5th International Conference of Transportation Research Group of India pp 61-76, 2022 (Scopus index), (Joint Author).
7. Data Envelopment Analysis (DEA) Approach to Assess the Efficiency of Wholesale Markets in Various Cities of India, Proceeding of the 5 th International Conference of Transportation Research Group of India, pp 329-341, 2022 (Scopus index), (Joint Author).

## **Chidambara**

1. Chidambara (2022). An Urban Fabric Responsive Last Mile Planning in Sustainable Development Dimensions and Urban Agglomeration. Ed. Alessandra Battitsi. ISBN 978-1-83969-561-2. IntechOpen
2. Kumar, I. and Chidambara. "Freight Requirements for Emerging Trends in E-Commerce in Indian Cities and their Provisions in Planning Documents". Presented at TIPCE conference (Transportation Infrastructure Projects: Conception to Execution), IIT Roorkee September 14, 2022

## **18. Membership of Professional Bodies**

### **Sewa Ram**

1. Associate Member, Institute of Town Planner, India
2. Life Member, Institute Urban Transport (I)
3. Life member, Indian Roads Congress
4. Life Member, Transport Research Group (India)

### **Sanjay Gupta**

1. Fellow Member, Institute of Town Planner, India
2. Life Member, Institute Urban Transport (I)
3. Life Member, Transport Research Group (India)
4. Member, Chartered Institute of Logistics & Transport
5. Life member, Indian Roads Congress

6. Life Member, Institute of Rail Transport, (I)
7. Member, Indian Institute of Public Administration
8. Member, Indian Institute of Remote Sensing (IIRS)
9. Member, World Conference on Transport Research Society
10. Member, International Association of Travel Behavior Research (IATBR)
11. Member, World Society for Transport and Land Use Research (WSTLUR)

#### **Chidambara**

1. AITP
2. MIUTI

#### **Bhaskar Gowd Sudagani**

1. ITPI
2. IRC,
3. IUT

### **19. Student/ Faculty Awards or Recognition**

1. Dipannita Kundu of the Transport Department won the second prize in the Street for people's Challenge, Tiruchirappalli (March 2022). This competition was hosted jointly by the Tiruchirappalli City Municipal Corporation, and the Ministry of Housing and Urban Affairs, Govt of India, in partnership with the ITDP - India Programme, supported by the Fit India Movement and Swachh Bharat Mission.
2. She got the certificate of Merit (first position), from DULT, UDD, Gov. of Karnataka, during her internship.

### **20. Any other information of Relevance**

#### **Lecture by Experts**

1. Ashish Verma, Professor, Transport Systems Engg., IISc Bangalore 9th March, 2022 PublicTransport Planning.
2. Amandeep Singh Virk, Consultant, World Bank 5th April, 2022 Transport Policy and Institutional Framework.
3. Rohit Baluja, Principal College of Traffic Management, Faridabad 27<sup>th</sup> April, 2022 Road Safety & Environment.
4. Tarun Kumar Kapoor, Former Deputy Commissioner (Transport), Government of NCT Delhi, 30th April, 2022 Public Transport Planning.

## 2.10 DEPARTMENT OF ENVIRONMENTAL PLANNING

### 1. Academic Programs Offered by the Department

- Master of Planning (with specialization in Environmental Planning)
- Ph.D Programme in Environmental Planning

### 2. Year of Establishment of the Department: 1990

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Meenakshi Dhote	Professor and Head of the Department from 1 Jan., 2021 to 31 Dec. 2021	Bachelor of Architecture, Master of Landscape Architecture, PhD on Urban Biodiversity CA/1985/09363	Environmental Planning
Anuradha Chaturvedi	Associate Professor and Head of the Department from 1 Jan., 2022 onwards	Post Graduate Program Diploma in Artificial Intelligence & Machine Learning, Certificate in Archaeological Conservation Master of Arts in Conservation Studies, Bachelors Degree in Architecture (First Class), CA/86/10073	Architectural Conservation, Heritage Management, Historic Urban Landscapes and Cultural Landscapes, Sustainable Development, Heritage Information Management Systems.
Bidisha Chattopadhyay	Assistant Professor (on contract)	M.Plan (with specialisation in Environmental Planning), Ph.D	Urban water, EIA, SIA

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week

Meenakshi Dhote	I	I	Planning Studio	3
	II	I	Environmental Planning and Design Studio	4
	III	II	Environmental Planning and Design Studio	7
	III	II	Degraded Land Management	2
	IV	II	Environmental Planning and Design Thesis	6
	IV	II	Planning for Sustainable Settlements	2
Bidisha Chattopadhyay	III	II	EP 3.010 Environmental And Social Impact Assessment	2
	III	II	EP 3.05 Environmental Conservation And Management Studio	5
	IV	II	EP 4.02 Environmental Planning And Design Thesis	8

#### 5. Details of Teaching Work Undertaken in Other Department

Name of the Faculty	Semester	Subject ( Theory and Studios)	Hours per Week
Meenakshi Dhote	IV	Institutional Elective ( Theory )	2

#### 6. Details of Teaching Work Undertaken by Visiting Faculty

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Sh. Rahul Singh	III	Environmental and Planning Legislation (Environmental Legislation)	1
Dr. T.R. Manoharan	III	Environmental Economics and Environmental Auditing	2
Ms. Katyayni	III	Environmental and Planning Legislation (Environmental Legislation)	1
Sh. K. K. Joadder	III & IV	Environmental Conservation and Management Studio and GIS Application Environmental. Planning & Design Thesis	4
Sh. Sunil Mehra	III	Environmental and Planning	1

		Legislation (Planning Legislation)	
Sh. Damanjit Singh Minhas	II, III & IV	Environmental Conservation and Management Studio and GIS Application Environmental Planning and Design - GIS Studio Environmental. Planning & Design Thesis	4
Ms. Barsha Poricha	III	Research Methodology and Seminar	2
Ms. Rashmi Gupta	II	Environmental Monitoring and Assessment (Laboratory)	2
Sh. S.Khodanker	II & III	Environmental Conservation and Management Studio and GIS Application Environmental Planning and Design Studio	2
Sh. Dilip Kumar	II & III	Environmental Conservation and Management Studio and GIS Application	2
Dr. Marisha Sharma	II	Environmental Monitoring and Assessment (Theory )	2
Sh. Paramdeep Singh Oberoi	II	Formulation, Financing and management of Environmental projects	2
Sh. Ajay Raghava	IV	Environmental. Planning & Design Thesis	2
Sh. Santosh Kumar	II	Environmental Monitoring and Assessment (Laboratory )	2
Sh. Saurav Sen	IV	Environmental. Planning & Design Thesis	4
Sh. Jwngma Basumatary	II	Environmental Conservation and Management Studio	9
Ms. Meesha Tandon	II & IV	Resilient Cities Environmental. Planning & Design Thesis	7

## 7. Details of Studio Work Undertaken by Students

S.No.	Semester	Studio Assignment
1.	First Year Integrated Semester	<b>Film Appreciation</b> Films related to aspects of planning were screened and students had to answer questions related to the film

		<p><b>Article Review</b> Articles on planning issues were assigned and students prepared a review of the same.</p> <p><b>Area Appreciation</b> Areas were assigned to each student selected around their place of residence to look into the various aspects pertaining to location, circulation, building bye-laws, housing, environment, services and facilities, etc.</p> <p><b>Site Planning</b> Group assignment for preparation of Site Plan for Residential Sectors at Dwarka</p> <p><b>Outline Development Plan</b> Preparation of Outline Development Plan for cities in Madhya Pradesh - Sehore, Vidhisha, Hoshangabad, Sagar</p>
2.	Second, 2022	<p><b>Environmental Improvement Plan For NCT Delhi With Focus on Air Pollution</b></p> <p>The studio exercise entailed an extensive literature study on air pollution at the global, India and Delhi level; comprising but not limited to trends in air pollution level, sources of air pollution, studies on source apportionment, legislations, UN and World Bank initiatives., policies and clean air action plans. This was followed by the formulation of aim, objectives and methodology for the exercise. A comprehensive baseline was prepared through secondary data collection, interviews with officials, academicians and primary survey. Further, a detailed analysis was done for studying the association between natural setting, various development parameters (land use, density, activities, built form) and air pollution. Subsequently, an Environment Improvement Plan was prepared.</p>
3.	Third, 2021	<p><b>Environmental Management Plan for the Coastal plains of Odisha with focus on Protected Areas, Coastal wetlands, Urban Development, Industry and Tourism</b></p> <p>A thorough literature review was done for topics related to management of protected area, mangrove conservation and enhancement of bio - shields, management and restoration of coastal wetlands, industrial pollution and industrial symbiosis etc. This was followed by the formulation of aim, objectives and methodology for the exercise. The assignment comprised the delineation of the study region and identification of areas of concern within the region for further detailed analysis. Besides the study of the delineated region comprising the coastal plains, a comprehensive study was undertaken for Bhitarkanika National Park and its surrounding area, Paradeep, Puri, Chilika lake and its catchment and Brahmapur Development Area highlighting diverse</p>

		development aspects. Subsequently, an Environmental Management and Conservation Plan for the Coastal Plains (delineated region) and the areas of concern, including Detailed Project Reports (DPRs) were prepared.
--	--	--

## 8. List of Thesis Topics

Roll No	Name of the Student	Thesis Topic	Name of Guide(s)
SPA/NS/EP/384	Aakash Panwar	Water Sensitive Planning for Gangtok City Region	1. Thesis Co-ordinator– Dr. Meenakshi Dhote 2. Guide – Mr. Damanjit Singh Minhas 3. Co-Guide - Ms. Jayeeta Sen
SPA/NS/EP/385	Aashish Verma	Planning Strategies for Revival of Hindon River	1. Thesis Co-ordinator and Co-Guide – Dr. Meenakshi Dhote 2. Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/386	Dipanksha Sudhir Bawankar	Spatial Planning Strategies for Blue Green Infrastructure – A case study of Nagpur Metropolitan Region	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Dr. Bidisha Chattopadhyay 3. Co-Guide- Dr. Neha Goel Tripathi
SPA/NS/EP/387	Harsha Arya	Planning Strategies for Mitigating Air Pollution with the Aid of Blue Green Infrastructure – A case study Bhopal	1. Thesis Co-ordinator and Co-Guide – Dr. Meenakshi Dhote 2. Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/388	Kunkala Kaivalya	Developing Ecotourism Strategies for Pulicat Lake (Nellore, Andhra Pradesh)	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Ms. Jayeeta Sen 3. Co-Guide - Dr. Bidisha Chattopadhyay
SPA/NS/EP/389	Monika Gour	Planning Strategies for a Water Sensitive City – A Case Study of Jabalpur	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Dr. Bidisha Chattopadhyay 3. Co-Guide - Ms. Jayeeta Sen
SPA/NS/EP/390	Pooja Yadav	Nature Based Solutions for Urban	1. Thesis Co-ordinator – Dr. Meenakshi Dhote

		Resilience - A Case Study of Surat	2. Guide - Mr. Ajay Raghava 3. Co-Guide - Ms. Jayeeta Sen
SPA/NS/EP/391	Pranav Varshney	Reinventing the Lost Trilogy of Ponds, Natural Drains and Groundwater with Focus on Shekha Jheel: A Case Study of Aligarh	1. Thesis Co-ordinator and Guide – Dr. Meenakshi Dhote 2. Co-Guide - Dr. Bidisha Chattopadhyay
SPA/NS/EP/392	Sanket Vishnu Sanap	Environmental Management Strategies for Conservation of Mangroves in MMR	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Ms. Jayeeta Sen 3. Co-Guide - Dr. Bidisha Chattopadhyay
SPA/NS/EP/393	Satyapriya Pericherala	Forest Conservation and Ecotourism Strategies for Elthurnagaram Wildlife Sanctuary – Mulgul District	1. Thesis Co-ordinator and Co-Guide – Dr. Meenakshi Dhote 2. Guide - Ms. Jayeeta Sen
SPA/NS/EP/394	Sayani Sen	Environmental Planning Resilient City with focus on Water – A Case Study for Haldia (West Bengal)	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Ms. Jayeeta Sen 3. Co-Guide - Dr. Bidisha Chattopadhyay
SPA/NS/EP/395	Shashwat Gupta	Sustainable Development Strategies	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - .Mr. K.K Joadder 3. Co-Guide - Ms. Jayeeta Sen
SPA/NS/EP/396	Shilpa Sharma	Environmental Management Strategies for Ajmer, Kishangarh Investment Region, case of Marble Industries	1. Thesis Co-ordinator and Guide – Dr. Meenakshi Dhote 2. Co-Guide - Dr. Bidisha Chattopadhyay
SPA/NS/EP/397	Shivani Gupta	Environmental Management Strategies for Construction and Demolition Waste in the National Capital Region	1. Thesis Co-ordinator – Dr. Meenakshi Dhote 2. Guide - Dr. Bidisha Chattopadhyay 3. Co-Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/	Shivika	Environmental	1. Thesis Co-ordinator –



398		Conservation Strategies for Renukaji (Himachal Pradesh)	Dr. Meenakshi Dhote 2. Guide - Mr. Saurav Sen 3. Co - Guide - Ms. Jayeeta Sen
SPA/NS/EP/399	Shritika Maurya	Climate Neutral City – A Case study of NCT Delhi	1. Thesis Co-ordinator and Guide - Dr. Meenakshi Dhote 2. Co – Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/400	Simar Kindra	Environmental Planning Mitigating Urban Floods – A case study of NCT Delhi	1. Thesis Co-ordinator and Co– Dr. Meenakshi Dhote 2. Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/401	Sunil John Minj	Planning Strategies for Integrating Renewable Energy Systems in Urban Areas with focus on Solar Energy – A Case Study of Bhopal	1. Thesis Co-ordinator and Guide — Dr. Meenakshi Dhote 2. Co-Guide - Dr. Neha Goel Tripathi
SPA/NS/EP/402	Vikash	Watershed Management Plan for Najafgarh Drain	1. Thesis Co-ordinator and Co-Guide – Dr. Meenakshi Dhote 2. Guide - Dr. Bidisha Chattopadhyay

## 9. Details of the Ph.D Thesis Topics

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor
2016-17	Ms. Jayeeta Sen	Instruments for mainstreaming Biodiversity into urban planning	Prof. Dr. Meenakshi Dhote
2017-18	Ms. Neha Sarwate	Institutionalize of Environmental Zoning	Prof. Dr. Meenakshi Dhote
2018-19	Ms. Meenakshi Pawar	Effects of urban green landscape pattern on particulate matter pollution-A Case Study of Delhi	Prof. Dr. Meenakshi Dhote
2018-19	Mr. Akash Sharma	“Revival of Cultural Resources for Environmental Up gradation in	Prof. Dr. Meenakshi

		Heritage Region – case of Brajbhoomi”	Dhote
2020-2021	Ms. Abha Sharma	Environment responsiveness of Urban design theories with respect to Re-evelopment	Prof. Dr. Meenakshi Dhote
2020-2021	Ms. Moushila De	Climate responsive planning of arid areas of Rajasthan	Prof. Dr. Meenakshi Dhote
2021-2022	Mr. Jwngma Basumatary	“Implications of Landuse Zoning on Air quality.”	Prof. Dr. Meenakshi Dhote

### 10. Details of Research Projects

Name of Project	Sponsored/Funded by	Project Team	Project Coordinator
ENVIS RP on Human Settlements and their impact on Environment	Ministry of Environment, Forest and Climate Change (MoEF&CC)	1.Ekta Chaudhary Programme Officer 2.Harsimaran Kaur Information Officer 3.Sashi Sekhar IT Officer/GIS Expert 4. Poonam Giri Hindi typist cum Data Entry Operator 5. Bhuwan Chander Badhani Data Entry Operator	Prof. Dr. Meenakshi Dhote

### 11. Details of Consultancy Projects

Name of Project	Name of Client	Project Team	Project Coordinator
Regional Plan for National Capital Region, 2041	NCRPB	Prof. Dr. PSN Rao Prof. Dr. Ashok Kumar Prof. Dr Sanjukta Bhaduri Prof. Dr Sanjay Gupta Prof. Dr. R.Biswas	Prof. Dr. PSN Rao

		Prof. Dr. Meenakshi Dhote	
Carrying Capacity of Air Environment, NCT Delhi	DPCC	Prof. Dr. Meenakshi Dhote Jwngma Basumtary Heemanshu Panwar	Prof. Dr. Meenakshi Dhote

## 12. Details of Research Publications

### Meenakshi Dhote

#### Book Chapters

1. Carrying capacity of air environment and development of a megacity: a case of NCT Delhi, India, Sustainable Urbanism in Developing Countries, 2022, Taylor & Francis, CRC Press.
2. Degraded land management in urban areas- A case of biodiversity parks of Delhi, Sustainable Urbanism in Developing Countries. 2022, Taylor & Francis, CRC Press.
3. Framework for Biodiversity Conservation in Urban Areas, Sustainable Development Goals, Climate Change, and Digitalization Challenges in Planning, 2021, IGI Global .

#### Articles

1. How Arid Rajasthan cities performed during Pandemic : Lessons for Planners April 2022, Conference: 70th National and Town Planning Conference; India at 75 : Spatial Planning Initiatives.: Bhopal.
2. Impact of Climate Change on Arid Region: Case Study of Rajasthan December 2021, International Journal of Environment and Climate Change 11(12):474-486.

## 13. Details of Membership in Committees/Editorial Boards/Any other

### National

1. Member, Delhi Urban Heritage Foundation
2. Member, Biodiversity Foundation, NCT Delhi
3. Member Secretary, Committee for Architectural and Planning framework for Hill areas
4. Member, Environmental Appraisal Committee -Infrastructure 2, MoEFCC
5. Member, Academic Council of Indira Gandhi Technical University for Women

## 14. Conferences, Exhibitions, Seminars, Workshop Organized

NIL

## **15 Papers Presented in Seminars, Workshops, Conferences etc.**

### **Bidisha Chattopadhyay**

1. Lecture in Green Skill Development Programme course of 'Green Belt Development for Industries', MoEFCC and School of Planning and Architecture, Delhi 23 March 2022.

## **16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

### **Bidisha Chattopadhyay**

1. Climate Risk Informed Decision Analysis (CRIDA) for the water sector, NIUA AND USEPA, 8-10 December 2021
2. Biodiversity Conservation and Ecosystem Restoration, ENVIS Resource Partner on Human Settlements and their impact on environment, School of Planning and Architecture, New Delhi, Ministry of Environment, Forests and Climate Change , 22 MAY, 2022
3. Sustainable Mountain Tourism, ENVIS Resource Partner on Human Settlements and their impact on environment, School of Planning and Architecture, New Delhi, Ministry of Environment, Forests and Climate Change , 11 December, 2021

## **17. Membership of Professional Bodies**

### **Bidisha Chattopadhyay**

1. ITPI, Indian Society of Remote Sensing

## **18. Student/ Faculty Awards or Recognition**

1. Jaideep Singh :- Jaideep Singh was awarded Prof.V.N. Prasad National Best Thesis Award, 2021 for post-graduate students for the thesis "Planning Strategies for developing Industrial Ecology in Panipat-Samalkha Region" by the Institute of Town Planners India. 11th December 2021- Date of Competition 16th April 2022- Date of Award
2. Pranav Varshney was selected for Student Thesis Competition Season -2, 2021-22 for the thesis "Reinventing the Lost Trilogy of Ponds, Natural Drains and Groundwater with Focus on Shekha Jheel: A Case Study of Aligarh" organised by National Institute of Urban Affairs, New Delhi.

He was awarded the first prize in the Poster competition organised as part of the competition on 'Groundwater Story of the Cities'

## **19. Student/ Faculty Awards or Recognition**

1. Bachelor of Planning students participated in NOSPLAN held in April 2022 at NITTE University, Bangalore and were declared as Runners up.

## **20. Additional Information if Any**

1. Special Lecture on “Rejuvenation of Waterbodies – The case of Varanasi” delivered by Shri Madhukar Swayambhu.
2. Special Lecture on “Master Plans of Coastal Cities of Odisha” delivered by Shri Subhendra Mishra
3. Special Lecture on “Environmental Considerations for coastal area Development in Odisha” delivered by Dr. B. C. Sabat.
4. Special Lecture on “Air Pollution Modeling” delivered by Dr. Kalidas Choudhuri.
5. Department of Environmental Planning is conducting Mission Amrit Sarovar – Jal Dhrohar Sanrakshan from 18th June 2022 onwards.

## 2.11 DEPARTMENT OF INDUSTRIAL DESIGN

### 1. Academic Programs Offered by the Department

- Master of Design (Industrial Design)
- Ph.D. Programme in Industrial Design

### 2. Year of Establishment of the Department: 1992

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Parag Anand Meshram	Associate Professor and Head of the Department from 1 Jan.,2022 onwards till date	Ph.D. (currently ongoing), M.Des. (ID), B.E. (Electronics)	Product Design, Social Design, Design Thinking, Interaction Design
Aditi Singh	Assistant Professor	Ph.D. (currently ongoing), M.Arch. (ID), B.Arch. CA/2004/33218	Product Design, Healthcare Design, Service-System Design
Sushil Ichhya Vijay	Assistant Professor	M.Arch. (ID), B. Arch. CA/2012/55161	Product Design, Lighting Design, Ergonomics

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Year	Semester	Subjects (Theory and Studios)	Hours per Week
Parag Anand Meshram	I	I	ID1.07 - Design Project 1	10
		II	ID2.12 - Design Thinking	2
	II	III	ID3.04 - Computer Aided Industrial Design 2	2
		IV	ID4.02 - Thesis Project	12
Aditi Singh	I	I	ID1.07 - Design Project 1	10
		II	ID2.04 - Computer Aided Industrial Design 1	2
	II	III	ID3.01 - Design Management	1

			ID3.02 - Product Detailing	1
			ID3.04 - Computer Aided Industrial Design 2	2
			ID3.09 - Branding & Marketing	2
		IV	ID4.01 - IPR, PP&E	1
			ID4.02 - Thesis Project	12
			ID4.03 - Design Degree Show	1
Sushil Ichhya Vijay	I	I	ID1.04 - Design Methods	2
			ID1.05 - Communication and Presentation Techniques	2
			ID1.06 - Studies in Form	2
			ID1.10 - Applied Arts & Crafts	2
		II	ID2.01 - Human Factors in Design	1
			ID2.05 - Advanced Form Studies	2
			ID2.06 - Design Project 2	10
			ID2.08 - Social Design	2
	II	III	ID3.05 - Design Project 3	9
		IV	ID4.03 - Design Degree Show	1

#### 5. Details of Teaching Work Undertaken in Other Department

Sr. No.	Semester	Year	Subjects	Hours per Week
1	II	I	ID2.12 Design Thinking	2
2	III	II	ID3.10 Universal Design	2

#### 6. Details of Teaching Work Undertaken by Visiting Faculty

S. No.	Name of the Faculty	Semester	Subjects (Lecture & Tutorial/ Studio)	Hours per Week	
1	Sharad Mathur	I	ID1.07 Design Project 1	Studio	10
		II	ID2.06 Design Project 2	Studio	10
2	Francis Joseph	I	ID1.01 Design History & Design Theory	Lecture	2

3	Anisha Shekhar Mukherji	I	ID1.02 Research Methods & Critical Writing	Lecture	2
		II	ID2.03 Design Research	Lecture & Tutorial	2
4	Vipul Maheshwari	III	ID3.05 Design Project 3	Studio	10
		IV	ID4.02 Thesis Project	Studio	11
5	Amit Gulati	I	ID1.03 Manufacturing Processes & Techniques	Lecture & Tutorial	2
		II	ID2.01 Human Factors in Design	Lecture & Tutorial	2
6	Naveen Rampal	II	ID2.06 Design Project 2	Studio	10
		III	ID3.05 Design Project 3	Studio	10
7	Rahul Tyagi	II	ID2.06 Design Project 2	Studio	10
		III	ID3.05 Design Project 3	Studio	10
8	Dharmesh Jaiswal	I	ID1.07 Design Project 1	Studio	9
		II	ID2.04 Computer Aided Industrial Design 1	Studio	2
		III	ID3.04 Computer Aided Industrial Design 2	Studio	2
		IV	ID4.02 Thesis Project	Studio	9
9	Siddharth Kumar	I	ID1.08 Mechanics & Electronics in Industrial Design	Lecture	2
		II	ID2.11 Design Engineering & Prototyping	Lecture	2
		III	ID3.08 Contemporary Technology in Design	Lecture	2
10	Anup Takalkar	I	ID1.05 Communication & Presentation Techniques	Tutorial	2
			ID1.06 Studies in Form	Studio	2
		II	ID2.05 Advanced Form Studies	Studio	2
11	Riga Singh	I	ID1.06 Studies in Form	Studio	2
		II	ID2.03 Design Research	Studio	2
			ID2.05 Advanced Form Studies	Studio	2



		III	ID3.03 System Thinking & User Experience Design	Lecture	2
12	Sidharth Khatri	I	ID1.04 Design Methods	Lecture & Tutorial	2
			ID1.06 Studies In Form	Studio	2
		II	ID2.05 Advanced Form Studies	Studio	2
13	Vikas Manchanda	II	ID2.02 Advanced Manufacturing Techniques	Lecture	2
		III	ID3.02 Product Detailing	Lecture & Tutorial	2
14	Uttam Banerjee	III	ID3.01 Design Management	Lecture & Tutorial	2
		IV	ID4.01 Intellectual Property Rights, Professional Practice & Entrepreneurship	Lecture & Tutorial	2

## 7. Details of Studio Work Undertaken by Students

### FIRST SEMESTER

S. No.	Name of the Student	Project Title	Description
1	Adeeba	1. Wave: Smart wearable	A smart wearable that helps people connect with the audience watching a sport in the stadium.
		2. <i>Sanjhi</i> Craft Kit	A craft kit for introducing <i>sanjhi</i> craft to kids.
		3. <i>Oj ki khoj</i>	<i>Oj ki khoj</i> is an education kit that provides aid to kids of class 6-7th in low resource areas. It teaches them the concept of light, mirrors and reflection.
2	Ayan Kar	1. Wave-X	A smart home entertainment system that helps bring stadium experience into homes with sliding lights and pressure-sensitive play balls.
		2. <i>Rajwar</i> Clay Relief Barbeque Grill	A Barbeque Grill inspired from the <i>Rajwar</i> clay relief art style.

		3. <i>Oj ki khoj</i>	An education kit that provides aid to kids of class 6-7th in resource areas. It teaches them the concept of light, mirrors and reflection.
3	Ayudh Reyaz	1. ECObin	A smart waste bin which enables the user to segregate waste easily.
		2. Chess Pieces	A set of chess pieces inspired from <i>dokra</i> craft.
		3. <i>Aashe Paashe</i>	A learning aid for underprivileged children in the rural context which enables them to learn environmental sciences.
4	Gaikwad Darshan Uddhav	1. ShieLD - The face guard	A safety gear for ball people and line judges in tennis to protect and prevent face injuries during the game.
		2. Horse and Hammer Game	Horse and hammer game is designed based on the concept of ' <i>matharkaam</i> ' craft and ' <i>lakdi ki kathi, kathi ka ghoda</i> ' rhyme. It educates children about <i>matharkaam</i> craft through their favourite rhyme.
		3. <i>Itihas Mitra</i> - A history Kit	An educational kit for students of under-reserved schools of standard 7 <sup>th</sup> . It teaches timeline of <i>mauryan</i> period through activities like sketching, solving puzzles, joining dots etc.
5	K V Pavithra	1. The ARC	A product used in the sports stadium, that can be used during unpleasant weather conditions and also builds up excitement among players and spectators.
		2. <i>Paachikalu</i> and <i>Gatta -Barra</i> dice	Dice for two different board games inspired from <i>Bidriware</i> craft and is designed with respect to the design and aesthetics of the craft.
		3. <i>Khel Khel mein Vigyaan</i>	An alternative teaching method for kids affected during Covid-19 pandemic with the help of currently existing mid-day scheme. The product is an interactive activity kit which focuses on the subject chemistry.
6	Kamal Jangid	1. Waste Cup Receptacle	A quick and portable waste receptacle that collects used drinking cups in

			stadiums and arenas of sporting events.
		2. Taarkashi Keyboard	A contemporary computer keyboard inspired by the traditional craft of <i>Taarkashi</i> .
		3. Itihas Mitra - A history Kit	An educational kit for students of under resourced schools which aids to the experience of learning the subject of History.
7	Lovish Gangwar	1. Float-Aid	A medical device that reduces the time period and complications between the process of transferring the injured player from the field to the medical aid centre within stadium.
		2. Wooden Pen holder and Night Lamp	A Wooden Pen holder and Night Lamp inspired by traditional block-making art which is used for hand printing on fabric.
		3. Solar Safari	An educational kit for students of under resourced schools of standard 6 <sup>th</sup> for Geography that teaches solar system with material available nearby.
8	Mayur R. Nayak	1. Scorpio - Expand Virtual vision	An indoor physical enhancement product that builds a virtual social connection between coach and athlete to overcome the gap due to social distancing during the pandemic.
		2. BaRB - Bamboo Ring Box	Bamboo Ring Box was an intent to infuse the art of bamboo weaving in a functional product such as a ring box while keeping the language of the art form working along with the product's aesthetic.
		3. <i>Khel Khel mein Vigyaan</i>	An alternative teaching method for kids affected during Covid-19 pandemic with the help of currently existing mid-day scheme. The product is an interactive activity kit which focuses on the subject chemistry.
9	Monoranjan Ghosh	1. Mute	A smart whistle that will rejuvenate the traditional stadium experience and motivate players through a social connection.
		2. Healo	A kinetic sculpture crafted by Indian artisan to heal the mind.

		3. <i>Aashe Paashe</i>	A learning aid for underprivileged children in the rural context which enables them to learn environmental sciences.
10	Niharika Walia	1. Aquabliss	Aquabliss, a water bottle that can be used as a cheering stick for sports enthusiasts which encourage the audience and enhances their engagements in the sports arena.
		2. Freshei and Ketove	Earthenware, Freshei is a storage ware, filter and a purifier. Ketove is a kettle and stove set.
		3. Bosca Mata	Bosca Mata is a mathematics toolkit for class 3 students in rural areas that can help them understand basic concepts of arithmetic. It is designed in such a way that the tools inside fit each other so that they are easy to carry around and are visually engaging for children.
11	Pooja Chauhan	1. EMO Ball	Emo Ball will connect athletes mentally and emotionally with other athletes and coaches.
		2. Mujazon	<i>Mooja</i> , grass weaving is a panel module that can interlock and form different decorative furniture and functions as wall partition.
		3. Prithvimannan	Educational kit is designed to teach kid about the '3R principle' and segregation of waste in a playful manner.
12	Rahul G.M.	1. Mark 1 - Scooter	To establish less contact with people and to provide refreshment and aid.
		2. SC-PI	Design of a Bluetooth speaker out of screw pine craft.
		3. Bosca Mata	Bosca Mata is a mathematics toolkit for class 3 students in rural areas that can help them understand basic concepts of arithmetic. It is designed in such a way that the tools inside fit each other so that they are easy to carry around and are visually engaging for children.
13	Sana Salim	1. Flip Flop - The multipurpose hand rest	A food handling product for hyper-active spectators. Intended to provide spill proof

		system	and easy handling experience.
		2. Craftsee	An online platform to help revive the lost craft of <i>Charpai</i> and support the craftsmen. A system for the buyers to customise the product from start to end as per their need.
		3. <i>Aashe Paashe</i>	A learning aid for underprivileged children in the rural context which enables them to learn environmental sciences.
14	Shivani Kumari	1. Nero - The Water Bottle	A water bottle and wrist band, that helps in reducing the use of non-biodegradable materials in the food and beverage services connected to sporting events.
		2. <i>Chikankaari</i> Lamp	A pendant lamp, which uses <i>Chikankari's</i> intricate embroideries to create a play of light and shadow.
		3. <i>Prithvimaan</i>	An educational kit designed to teach underprivileged middle school children about the '3R principle' and waste segregation in a playful manner.
15	Shivendu Verma	1. Snap Band	Snap Band is a playful product that establishes a sense of belonging to each other to share moments in form of small tokens to create a social connection.
		2. Trophy of Mother of Pearl	The trophy has been designed for the upcoming International Water Sports Championship which is to be held in India.
		3. Khel Khel mein Vigyaan	An alternative teaching method for kids affected during Covid-19 pandemic with the help of currently existing mid-day scheme. The product is an interactive activity kit which focuses on the subject chemistry.
16	Shreya Malhotra	1. TacBo	A tactile board that helps people connect with movement on a football field better and enhancing the remote experience of the viewers
		2. Sarkanda Lamp	A lamp made out of <i>sarkanda</i> sticks and rope, exploring a novel manner of tying the sticks and playing with light and shadow.

		3. <i>Oj ki khoj</i>	<i>Oj ki khoj</i> is an education kit that provides aid to kids of class 6-7th in resource areas. It teaches them the concept of light, mirrors and reflection.
17	Shubham Jain	1. Pop-up screen	Pop-up is an interactive hexagonal screen used for advertising.
		2. <i>Pacchikari</i> wrist watch	<i>Pacchikari</i> watch is inspired by the stone inlay craft of Agra. The dial of the watch is inlaid with precious and semi-precious stones making it a luxury watch and making craft a part of everyday life.
		3. Solar Safari	An educational kit for students of under resourced schools of standard 6 <sup>th</sup> for Geography that teaches solar system with material available nearby.
18	Vivek Ramachandran	1. Seido Controller	An archery oriented simulation device that recreates the feeling of being a marksman at an Olympic event in a home environment.
		2. <i>Pooram</i> Spice Box	Thrissur <i>Pooram</i> inspired souvenir/gift box embellished with all the traditional motifs, craftsmanship and techniques employed in the traditional <i>Pooram</i> elephant caparison.
		3. <i>Prithvimaan</i>	An educational kit designed to teach middle school children about the '3R principle' and waste segregation in a playful manner.
19	Wandhare Pratik Prabhakar	1. Traveller Spy	Traveller spy is a device that can scan multiple spectators with their bags instantly without any hassle and avoid multiple screening processes in stadiums or any check-in counters
		2. Rainboo toy	Rainboo toy is a toy inspired by wooden toys of <i>sawantwadi</i> and rainbow colours that help children above the age of 6 years to learn and play with colours.
		3. Solar Safari	An educational kit for students of under resourced schools of standard 6 <sup>th</sup> for Geography that teaches solar system with material available nearby.

## SECOND SEMESTER

Sr. No.	Name of the Student	Project Title	Description
1	Adeeba	1. Combit	A pocket friendly hair serum packaging with a comb attached to it.
		2. Glide	A sewing machine for new age users, with better ergonomics and aesthetics.
2	Ayan Kar	1. Dettol Travel Pack	Dettol antiseptic travel pack is an on-the-go travel container that packs 5 ml of Dettol Capsules, 50ml water, and 3 Gauze Strips.
		2. Drizzle	Drizzle is a water purifier for the urban Indian household that focuses on easy container filling, proper management of inlet and outlet pipes and reduction of water wastage.
3	Ayudh Reyaz	1. Ahem+	A cough syrup container which comes with a dosing spoon integrated with the bottle for quick and easy access.
		2. Zenith ONE	A guitar amplifier which enables the user to modulate sound easily while playing. The aesthetic of the traditional amp has been reimagined with the addition of another functionality.
4	Gaikwad Darshan Uddhav	1. Palm Drops - <i>Neera</i> Container	A container to store ' <i>neera</i> ' drink. It helps to brand the <i>neera</i> drink and prevent user from foul <i>neera</i> .
		2. megaBOT - Gaming Spike guard	Gaming spike guard dedicatedly designed for gamers. It solves wire management and socket proximity issues.
5	K V Pavithra	1. Olive oil dispenser	An olive oil dispenser to be used for hair and skin care inside a spa.
		2. Chef's choice	A kitchen lighter that is comfortable to hold and use, easy to clean and efficiently stored.
6	Kamal Jangid	1. Olivo - Olive oil dispenser	An olive oil dispenser to be used in restaurant kitchens by the chefs for cooking.
		2. Dustguard - Vacuum Cleaner	A vacuum cleaner for domestic use that increases its cleaning capacity and is

			easy to use.
7	Lovish Gangwar	1. The Roly Poly Bottle	An interactive self-balance glass bottle that avoids spillage to be used in the setting of the dining table by the customers in a restaurant.
		2. Stormy - 70L Desert Cooler	A modular Desert Cooler that is easy to assemble and solves the storage issue while not in use.
8	Mayur R. Nayak	1. Porto - Medicine container	An easy to carry medicine container for cough syrup, that has an integrated measuring cup allowing a more hygienic administration of the medicine and also avoiding the hassles of losing the cup.
		2. Compad - Compact foldable laptop cooling pad	A portable laptop cooling pad that makes it an easy to carry and easy to use alternative to the existing cooling pads.
9	Monoranjan Ghosh	1. Todd	A baby hair oil container that has an after-use as a toy helping engage kids during the hair oiling activity.
		2. Torq	A drill machine with a new aesthetic value that will suit the home context and is adaptable for a wide range of users and also safe to use.
10	Niharika Walia	1. Cruet	An ink container, suitable for all dip ink pens that can even hold dip ink pens and caps in emergencies.
		2. Misty	A vaporiser steamer. It is designed in a way that users can use it for multi-purpose such as breathing problems uses and grooming purposes.
11	Pooja Chauhan	1. Shielon	An antiseptic liquid container, for First Aid and medical usage that helps in pain relief by its form factor.
		2. Pitchink	A rotary tattoo machine designed with an adjustable grip, to avoid wastage of bandages with modern semantics.
12	Rahul G.M.	1. Oxylenol	A bottle designed for antiseptic liquids.
		2. Slash	Redesign of an angle grinder by modifying its aesthetics, so that it can be used safely and comfortably.



13	Sana Salim	1. Toddy wine packaging	A packaging for Toddy wine that will enhance its shelf life and distribution. It also bolster the branding of the beverage.
		2. Glue on	An intervention in the glue gun design that improves user experience for long term usage and precision works.
14	Shivani Kumari	1. Koha - Cough Syrup Container	A liquid medicine container that enables hygienic administration of cough syrup in proper doses.
		2. Solarista - Room Heater	Redesign of the room heater, which resolves the issue of maintenance, ergonomics and unidirectional emission of radiation.
15	Shivendu Verma	1. Hair Elixir	A one-stop solution of 'Hot Oil Treatment' that fits perfectly on bathroom countertops.
		2. Invi	An inverter that offers a see-through screen through which you can check the water level indicator and it also has a storage compartment on the top.
16	Shreya Malhotra	1. Cough Syrup Bottle	A design for the elderly that helps ease the process of medication administration.
		2. Air Purifier	An air purifier for the Indian household in an urban context that functions on parametric algorithm.
17	Shubham Jain	1. Montblanc Ink bottle	A bottle designed to solve the issue of ink wastage.
		2. Flour mill	An affordable, high-quality countertop domestic grain mill to empower everyone to easily mill flavourful, superior whole grain flour, fresh.
18	Vivek Ramachandran	1. Toddy Container	Organic toddy container that eliminates risk of bottle shattering in traditional Kerala toddy varieties with a dual use property.
		2. Obelisk	A fan heater that is more noticeable. Overhaul of the product identity from a low footprint, low intelligence device to a noticeable and easily operable device.
19	Wandhare Pratik	1. Cartofill	Cartofill is an ink pen cartridge filling device that helps fill empty cartridge of an

	Prabhakar		ink pen.
		2. Inflato	An inflatable umbrella that uses a double acting piston pump with no metal ribs to prevent poking and a transparent canopy to ensure a clear vision during rain.

### THIRD SEMESTER

Sr. No.	Name of the Student	Project Title	Description
1	Anirban Poddar	1. Companion device	A device for older people in assistive living care to cope with loneliness.
		2. Potfix	Design of a pothole repairing machine that restore defects on road surface quickly.
2	Anu Sam	1. AmigO	A smart IoT based playful product designed to understand a child with Autism Spectrum Disorder (ASD) and provide required support during unprecedented conditions such as a pandemic.
		2. Oliver	An awareness product, conceived as a learning aid, to reinforce essential values by means of play. It helps the teacher in demonstrating complex concepts and aids the student in comprehending them better by initiating conversations, fostering thinking and formulating opinions.
3	Arijit Sengupta	1. Rhythm	A product that allows professional dancers to have live performances with mixed online and offline audience experience.
		2. Docternee	A product for healthcare workers that can identify or prevent infections/ diseases at an early stage.
4	Ayushi Jaiswal	1. Away	A deterrent device designed to create an outer periphery of laser light around the user to mark their safe zone.
		2. Pravah	A Sustainable Eco-friendly product that provides a better experience to practice the idol <i>Visarjan</i> by flowing things in the

			river without polluting the river.
5	Dhanshree Patil	1. Tella	A solution to maintain a healthy computer screen duration by taking regular breaks and hence decrease overall fatigue.
		2. Bseri	An intervention focusing upon improving breast cancer awareness in women and promoting self-breast examination for early detection.
6	Dhiraj Daimary	1. stoW	A product for delivering disinfected food parcel at your doorstep without having to reconsider about the hygienic status of the delivered item.
		2. FeederX	A product for keeping regulated food supply for the stray dogs in the streets of India.
7	Girish Kumar	1. Suspire+	A product to motivate children with respiratory ailments in terms of regular exercises.
		2. E-Totem	A system level intervention to make people aware of E-Waste crisis without losing the essence of belongingness.
8	Jaspreet Singh	1. Insta-Doc	Health monitoring and smart emergency response system for workspaces.
		2. MosTag	Mosquito tracking and Monitoring system.
9	Justin Baby Sabu	1. SOL	A device to combat social anxiety and train the mind to think freely.
		2. Daba	An innovative approach towards disposable tiffin using organic and water soluble materials.
10	Manisha	1. Cat Connect	A product for domestic cats to cope up with stress and anxiety developed due to pandemic.
		2. <i>Poshan Thaal</i>	A solution for mapping daily nutrition of Kids (Mid-Day Meal Scheme) to motivate and educate children regarding the value of nutrition.
11	Murshida Abdul Majeed	1. Magic carpet	A product that provides a platform for kids to play multiple game alone or connecting with other kids, with the help of mobile application, in indoor environment.

		2. Coffey	A product to keep important belongings safe and dry during floods.
12	Nandul S	1. SIT Bus (Safe India Transit Bus)	Ensuring public transportation in a pandemic situation.
		2. Clockalert	A product which helps rural India to get information about flood and provide targeted alerts.
13	Nikhil Nandanwar	1. Partyotic	A device that enhances the experience of online parties.
		2. Life Line	A solution that prevents the wastage of injectable vaccines.
14	Nilanjan Roy	1. Sanitbot	A solution to help disinfect and sanitize passenger trains on the go, making the task less cumbersome and more effective.
		2. Capture	To aid flood management in the tea gardens of Assam by dispersing excess water and lowering water levels.
15	Parag Manohar Gurav	1. Leopard Eye	In urban-rural setting, leopard eye forms a protective layer for humans.
		2. TRAIL	Studying all aspects of the temple in light of Covid-19 pandemic and provide a solution for functioning of the temple as it was pre-pandemic.
16	Prachi Shrivastava	1. Buddy	Portable workspace setup that can be carried to maximize productivity & comfort.
		2. Oorja	A community EV charger for apartment building.
17	Pruthiviraj Nikumbh	1. Mask	A high-protection mask that is comfortable to use, lightweight, adjustable and economical.
		2. PestiSpray	A product for spraying pesticide to cover large farmlands in less time and efforts.
18	Sadhvi Maini	1. Dodge	A product that help kids to play, interact with other kids in playground area with all safety and precautions.
		2. Drop	A product that makes the home blood collection kit more efficient and organized.
19	Sanjay Stalin	1. Aavi	Better shelf for the plates, Aavi is a

			product that uses steam to disinfect the plates of food vendors.
		2. Bolt	Design of a women safety product in the form of wearable.
20	Saumya Gangwar	1. Showcase	An AI-enabled screen that allows customers to visualize various clothing items virtually.
		2. Plasto	A keychain that permits the user to fold and store plastic carry bags inside the attachment making it accessible.
21	Shubhra Paul	1. <i>Nai ka jhola</i>	A product that makes 'salon-at-home' or 'door-to-door' grooming hair treatment services convenient for the stylists, barbers and customers as well.
		2. <i>Pahal</i>	A solution to promote behavioural change to reduce domestic abuse against women and raise awareness to reject harmful gender stereotypes and violence.
22	Sidhesh V	1. Halo	A water bottle that facilitates the idea of sharing water with anyone while ensuring safe refilling of water from public water dispensers, amidst pandemic.
		2. Eco-Trap	Eco-Trap is a product that controls the breeding and invasion of locusts in a biological manner using pheromones.
23	Somanka Biswas	1. ChefMe	An adaptive food processing and storing device for physically impaired people.
		2. Grovas	A sustainable temporary shelter for cyclone affected areas of <i>Sunderbans</i> that helps with regeneration of the mangrove belt as the end use.
24	Sukriti Singh	1. <i>Kirana</i>	A retrofit product that helps <i>kirana</i> store owners continue their operations smoothly and safely during pandemic lockdowns.
		2. FramTruk	A product for container trucks that helps reducing food loss during transporting tomatoes from farm to mandi.
25	Surbhi Gupta	1. SaniTop	A tabletop sanitizing unit for restaurants and cafes to encourage people to go out and eat after Covid-19.

		2. Jumbo-G	A solution for villagers and farmers to save their land and themselves from elephant invasion and attacks in Chhattisgarh.
26	Vishnu Priyan A J	1. Barrel	A cutting/ chopping station for processing sea food at sea food retail outlets.
		2. Nettrikan	A device that alerts fishermen to safeguard their boats as well as themselves from entering foreign waters.
27	Vriktsha Rumba	1. Semi	A semi curved bathroom door that allows users to open and close without touching the surface.
			A relaxing and soothing harness for dogs to help control anxiety from loud noises like fireworks.

### 8. List of Thesis Topics

Sr. No.	Roll Number	Name of the Student	Thesis Topic	Name of Guide(s)
1	ID/372	Anirban Poddar	<b>Cannonade - Fire safety for the visually impaired</b> A product to aid the visually impaired and blind in countering domestic fires with special regard to identifying its source and intensity.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
2	ID/373	Anu Sam	<b>Lepamrut - A guide to Lepa Kalpana</b> A product designed to administer and aid a user in the process of Lepa Kalpana, with an aim to foster awareness in Ayurveda amongst the modern mob and hence to revive the ancient, efficient and effective remedy.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
3	ID/374	Arijit Sengupta	<b>Retake - Equipment to aid aspiring filmmakers</b> A rig for aspiring indie mobile filmmakers that is compact, intuitive and portable; functioning as a multipurpose gear for	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari

			as a multipurpose gear for capturing a wide range of shots, frames and angles.	
4	ID/375	Ayushi Jaiswal	<b>Xee - Towards ungendering</b> A story making game for kids through which they can learn about the limitations of gender classification on the basis of abilities that will be monitored by parents.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
5	ID/376	Dhanshree Patil	<b>Alfred</b> A product to enhance the food experience for space tourism.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
6	ID/377	Dhiraj Daimary	<b>Portal</b> A product to let the user experience immersive metaverse content that brings haptic feedback along with audio and visual output, to extend the virtual dimension into becoming a full reality.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
7	ID/378	Girish Kumar	<b>X-Pan - Backpack load support for delivery agents on bicycles</b> An extension to existing bicycles used by delivery people focussing on convenience and security.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
8	ID/379	Jaspreet Singh	<b>Octaire</b> To design an experiential Luminaire exploring movements by integrating kinetic art and lighting.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
9	ID/380	Justin Baby Sabu	<b>Dris-T</b> A product to reduce symptoms of motion sickness while working during commute.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
10	ID/381	Manisha	<b>O-ed - Learning through Maps</b> A learning console that provides an immersive experience of maps for kids through gamification.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari

11	ID/382	Murshida Abdul Majeed	<b>Petrichor</b> An interactive, educational and motivational product to encourage children grow and nurture plants.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
12	ID/383	Nandul S	<b>Yatra - Autorickshaw Tourism</b> Redesigning existing Kerala auto-rickshaws into tourist vehicles, without altering the chassis.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
13	ID/384	Nikhil Nandanwar	<b>Edi-table</b> An intervention to enhance the experience of eating food in Indian Railways. The solution is an integrated table in the berths of railways that avails users a stable platform.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
14	ID/385	Nilanjan Roy	<b>AUDAIS</b> A design to aid traditional goldsmiths to manage their work environment better, helping them combat Musculo-skeletal disorders and improving the work ethos of the sector.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
15	ID/386	Parag Manohar Gurav	<b>CIR 2</b> A solution to improve the hydration process during trekking without interrupting the trek, through an adaptive form and a multipurpose sipper.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
16	ID/387	Prachi Shrivastava	<b>Toto</b> Protective shell for children, aged 9 months to 4 years to provide safety and support while travelling on a two-wheeler.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
17	ID/388	Pruthiviraj Nikumbh	<b>CURA - Physical activity aid for elderly</b> A product that help in physical exercise therapy for elderly, especially those with Parkinson's disease.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
18	ID/389	Sadhvi Maini	<b>Pawsome</b> Smart grooming solution for dogs	Aditi Singh, Parag Anand,



			at home, making the home grooming experience easy and mess free.	Dharmesh Jaiswal, Vipul Maheshwari
19	ID/390	Sanjay Stalin	<b>Puppoos - Kennel Management for puppies</b> A smart crate incorporating a feeding module for healthy feeding and wellbeing of puppies.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
20	ID/391	Saumya Gangwar	<b>Chops</b> A refrigerator door intervention that allows the user to retrieve freshly chopped vegetable directly from the refrigerator.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
21	ID/392	Shubhra Paul	<b>Pigeon Pay</b> Transforming transactions in rural India for financial inclusion in the underbanked hinterlands of India.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
22	ID/393	Sidhesh V	<b>Punaryakhyanam (Reinterpretation)</b> The reinterpretation of traditional Kerala furniture for a modern scenario by lending design elements used in traditional design and architecture of Kerala.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
23	ID/394	Somanka Biswas	<b>Owlet - Hybrid wallet solution for Central Bank Digital Currency (CBDC)</b> A phygital standalone hybrid wallet solution for the transition phase of physical currency to digital currency (CBDC) for seamless transaction system.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
24	ID/395	Sukriti Singh	<b>Roots</b> Traditional Serveware.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
25	ID/396	Surbhi Gupta	<b>Mrittika</b> Design of a workstation for <i>dhokra</i> artisans to reduce musculoskeletal pain induced while working for long duration	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari

			in a slouched position.	
26	ID/397	Vishnu Priyan A J	<b>Cubical Habitat</b> A smart fresh water aquarium focused on maintaining water chemistry of the cubical with respect to the species.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari
27	ID/398	Vriktsha Rumba	<b>Stand-point</b> A barrier stand that can be housed at intersections, dividers and roadsides, utilizing the existing spaces on the road to make a system to be used by Traffic Police to navigate traffic and communicate remotely ensuring their physical safety.	Aditi Singh, Parag Anand, Dharmesh Jaiswal, Vipul Maheshwari

## 9. Details of the Ph.D. Thesis Topics

NIL

## 10. Details of Research Projects

NIL

## 11. Details of Consultancy Projects

NIL

## 12. Details of Research Publications

### Parag Anand Meshram

1. Yogi H, Meshram P., Singh A. Possibilities of Architectural Modelling with Lac: Encouraging usage of natural resins like lac in prototyping, 'Design for All' Journal, Vol-16 No-9 ISSN: 2582-8304, September 2021 pp 12-44, Design for All Institute of India, 2021

### Aditi Singh

1. Yogi H, Meshram P, Singh A. Possibilities of Architectural Modelling with Lac: Encouraging usage of natural resins like lac in prototyping, 'Design for All' Journal, Vol-16 No-9 ISSN: 2582-8304, September 2021 pp 12-44, Design for All Institute of India, 2021

### **13. Details of Membership in Committees/ Editorial Boards/ Any other**

#### **Parag Anand Meshram**

##### **National**

1. Subject Expert Member in the Search Committee of Faculty at Shri Vaishnav Institute of Architecture, Indore.
2. Member of the jury for essay competition under the theme 'Raj to Swaraj – Lesser Known Freedom Fighters and their Contributions to the Independence Movement of India' for - Azadi Ki Amrut Mahotsav, November 2021
3. Expert Member for Selection Committee for a faculty position in the School of Architecture & Design at DIT University, Dehradun, January 2022
4. Member, Town Planning Examination Board (2021 - 22), ITPI, New Delhi
5. Non-Executive Director in the Board of Directors of SPA FIRST, New Delhi
6. Member of Board of Studies (BOS) of University School of Design & Innovation [USDI], Guru Gobind Singh Indraprastha University (GGSIPIU), New Delhi
7. Member Joint Departmental Research Committee, SPA New Delhi
8. Expert Member of Board of Studies (BOS) for Amity School of Design (ASD), Amity University, Noida, UP
9. Member, Program Review Committee, Bachelor of Design, Symbiosis School of Planning, Architecture and Design, Nagpur
10. Member, Senate, SPA New Delhi
11. Expert, Design Innovation, Institution's Innovation Council, (MoE, Gol Innovation Cell)
12. Member, Intellectual Property Rights Policy & IP Cell Formulation Committee, SPA New Delhi
13. Member, Anti Ragging Committee, Maharani Bagh Campus, SPA New Delhi

#### **Aditi Singh**

##### **National**

1. Member, Board of Studies (BOS), M.Des. Program, University School of Design and Innovation (USDI), Guru Gobind Singh Indraprastha University (GGSIPIU), New Delhi
2. Member, Program Review Committee, Bachelor of Design Course, Symbiosis School of Planning, Architecture and Design, Nagpur
3. Jury Member, B.Des. Students, Guru Gobind Singh Indraprastha University, March 2022
4. Jury Panel Member for assessing student work at NID Haryana (Kurukshetra), December 202
5. Deputy Hostel Warden, Girls Hostel, SPA New Delhi
6. Member, Hostel Management Committee, SPA New Delhi
7. Placement Coordinator for Department of Industrial Design, SPA New Delhi
8. Member, Anti Ragging Committee, Architecture Building, SPA New Delhi
9. Member, Intellectual Property Rights Policy & IP Cell Formulation Committee, SPA New Delhi
10. Expert, Intellectual Property, Institution's Innovation Council, (MoE, Gol Innovation Cell)

11. Member, Internal Quality Assurance Cell (IQAC), SPA New Delhi
12. Member, Website Design & Development Committee, SPA New Delhi
13. Jury Member, Slogan Competition for "Harmfulness of Plastic/ Plastic Ban", Swachhata Pakhwada, September 2022, SPA New Delhi

#### **14. Conferences, Exhibitions, Seminars, Workshop Organized**

##### **Parag Anand Meshram**

1. Organised panel discussion at DIC Webinar Series: Idea to Prototype to Patent, SPA New Delhi, September 2021
2. Organised Design Degree Show 2022: 'Continum', May 2022

##### **Aditi Singh**

1. Organised panel discussion at DIC Webinar Series: Idea to Prototype to Patent, SPA New Delhi, 24th September 2021
2. Organised Design Degree Show 2022: 'Continum', 25th & 26th May 2022
3. Organised Design Degree Show: 'Live' talks by: Amit Pathak, Aaquib Wani, Skannnd Tyagi, 26th May 2022

#### **15. Papers Presented in Seminars, Workshops, Conferences etc.**

##### **Parag Anand Meshram**

1. Delivered lectures at IIT Delhi, Certificate Program in 'Design Thinking and Innovation' TEQIP a 6-month certificate course, October - December 2021
2. Keynote Speaker at DDS (Design Degree Show) 2022 - Department of Design, IITD
3. Delivered lectures at IIT Delhi, Continuing Education Programme (CEP) Certificate Program in Industrial Design, Innovation and Entrepreneurship' TEQIP certificate course
4. Presented talk and participated in panel discussion at DIC Webinar Series: Idea to Prototype to Patent, SPA New Delhi, 24th September 2021

##### **Aditi Singh**

1. Delivered four lectures at IIT Delhi, Certificate Program in 'Design Thinking and Innovation' TEQIP a 6 month certificate course, October - December 2021
2. Presented talk and participated in panel discussion at DIC Webinar Series: Idea to Prototype to Patent, SPA New Delhi, September 2021
3. Presented a talk on "Design Thinking, Critical Thinking and Innovative Design" at National Institute of Technology, Uttarakhand, March 2022
4. Talk on "Design and Critical Thinking", National Institute of Technology, Uttarakhand as part of Impact Lecture Series sponsored by MoE Innovation Cell, Government of India, October 2021
5. Presented webinar on "Career in Industrial Design" for the prospective candidates for M.Des. under Department of Industrial Design, Priyadarshani College, Nagpur, August 2022

**16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

NIL

**17. Membership of Professional Bodies**

**Parag Anand Meshram**

1. Association of Designers, India

**Aditi Singh**

1. Council of Architecture
2. Association of Designers, India

**Sushil Ichhya Vijay**

1. Council of Architecture
2. Association of Designers, India

## 2.12 DEPARTMENT OF BUILDING ENGINEERING AND MANGEMENT

### 1. Academic Programs Offered by the Department

- Master of Planning (with specialization in Building Engineering Management)
- Ph.D Programme in Building Engineering Management

### 2. Year of Establishment of the Department : 1979

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualification	Areas of Specialization
V.K Paul	Professor and Head of the Department from 9 Aug., 2020 onwards	Ph.D, MBEM, B.Arch. CA/86/10117	Building Engineering and Management
Sushil Kumar Solanki	Associate Professor	MBEM, B.Arch CA/2009/44753	Building Engineering and Management
Chaitali Basu	Assistant Professor	Ph.D CA/2006/37627	Construction Project Management
Salman Khursheed	Assistant Professor	B.Tech.; M.Tech.	Construction Management, Structural Engineering
Abhijit Rastogi	Assistant Professor	Ph.D, M.B.E.M., B.Arch. CA/2013/58906	Construction Management

### 4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Year	Subjects (Theory and Studios)	Hours per Week
V.K Paul	I	I	Construction Technology	4
	I	I	Functional performance of buildings	4
	I	I	Project Planning and scheduling	8
	II	I	Project cost and contract management	8
	II	I	Project seminar-I	4
	III	II	Project seminar-II	4
	III	II	Human Resource Management	4
	IV	II	Thesis	12
Sushil Kumar Solanki	I	I	Construction Technology	4
	I	I	Building Services	4
	I	I	Project Planning and scheduling	8
	II	I	Project cost and contract management	8

	II	I	Project seminar-1	4
	III	II	Project seminar-II	4
	III	II	Disaster resilient project management	4
	IV	II	Thesis	12
Chaitali Basu			On EOL from September 2020	
Abhijit Rastogi	I	I	BEM 1.4: Project Planning and Scheduling	2
	I	I	BEM 1.5: Project Planning and Scheduling	6
	I	I	BEM 1.7: Research Methodology	2
	I	I	BEM 1.2: Functional Performance of Buildings	2
	III	II	BEM 3.4: Seminar 2	4
	II	I	BEM 2.05: Infrastructure Development and Management	2
	II	I	BEM 2.08: Infrastructure Project Construction Management	2
	II	I	BEM 2.04: Seminar 1	4
	IV	II	BEM 4.01: Thesis	8

#### 5. Details of Teaching Work Undertaken in Other Department

NIL

#### 6. Details of Teaching Work Undertaken by Visiting Faculty

Jan 2022 to May 2022				
S.No.	Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
1	Mr. Manoj Kumar Mittal	II	Project Cost and Contract Management(S) Structural System & Design Process	8
2	Ms. Sakshi Jain	II	Project Seminar-II	4
3	Mr. Avinash Kumar Tandon	II	Project Cost and Contract Management(S)	3
4	Mr. Varun Seth	II	Project Cost and Contract Management(S)	4
5	Mr. Amit Moza	II	Project Cost and Contract Management(S) Structural Systeme & Design Process	4
6	Ms. Aparna Ash	II	Project Seminar-II	4
7	VF1	II	Project Cost and Contract Management(S)	2
8	VF2	II	Structural Systeme & Design Process	3
9	VF3	II	Project Cost and Contract Management(S) Structural Systeme & Design Process	3
10	VF4	II	Project Seminar-II	4

11	Mr. Manoj Kumar Mittal	IV	Thesis	2
12	Ms. Sakshi Jain	IV	Thesis	6
13	Mr. Avinash Kumar Tandon	IV	Thesis	7
14	Mr. Varun Seth	IV	Thesis	6
15	Mr. Amit Moza	IV	Thesis	6
16	Ms. Aparna Ash	IV	Thesis	6
17	VF1	IV	Thesis	6
18	VF2	IV	Thesis	1
19	VF3	IV	Thesis	2
20	VF4	IV	Thesis	6
<b>August 2021 to December 2021</b>				
21	Mr. Manoj Kumar Mittal	I	Project Planning and Scheduling(S) Construction Technology	6
22	Mr. Kapil Mahrotra	I	Building Service(L)	2
23	Ms. Sakshi Jain	I	Functional Performance of Building(s)	2
24	Dr. Pawan Kumar Taneja	I	Quantitative Methods & Operational Research	2
25	Ms. Sumedha Dua	I	Project Planning and Scheduling(S) Functional Performance of Building(s)	4
26	Mr. Avinash Kumar Tandon	I	Project Planning and Scheduling(S)	4
27	Dr. Pawan Kumar Taneja	III	Project Finance Management (L)	2
28	Mr. Avinash Kumar Tandon	III	Project Procurement Management (s)	4
29	Ms. Sakshi Jain	III	Project Procurement Management (s) Project Seminar-II	6
4	Ms. Sumedha Dua	III	Project Seminar-II Disaster Resilient Project Planning & Reconstruction (L)	6
5	Mr. Amit Moza	III	Project Procurement Management (L)	2

## 7. Details of Studio Work Undertaken by Students

S.No.	Semester	Title of the studio Assignment & Brief Description
1	First Semester	<b>Construction Technology (BEM1.01)</b> : The aim of this course is to give a comprehensive coverage on all aspects of construction technologies related to building projects, the understanding of which are essential for the construction managers. The understanding should lead to selection of appropriate technology for various building and building related infrastructure projects through planning design and managerial interventions in a life cycle perspective.



		<p><b>Functional Performance of Buildings BEM(1.02):</b> The objective of the course is to develop competence to determine the comprehensive performance of buildings with regards to its functional need satisfaction. The environmental aspects considered for performance include thermal, illumination and aural behaviour. Course aims to impart requisite knowledge for taking effective managerial decisions to ensure desirable performance conforming to good practices and national / international codes / standards.</p>
		<p><b>Project Planning and Scheduling Studio(BEM1.05):</b> The intent of the course is to augment the knowledge imparted through lectures by discussion of practical cases to determine practice, critically analyse application of knowledge in professional context, experience simulated application procedure in a limited context. Live case studies are to be undertaken and various aspects of the course are taken up in the Studios. Emphasis is given to interaction with project technical staff and other stakeholders. Application of software and other IT tools on the actual real life cases are undertaken to enable hands on experience. The course aims to define the Project Management context with reference to building and related infrastructure project with topics on project phases, characteristics of the project life cycle, project stakeholders and project organisation their roles, responsibilities, scope and services of team members.</p>
2	Second Semester	<p><b>Structural System &amp; Design Process (BEM2.01):</b> The objective of the course is to introduce the structural system concepts and design processes methodology in relation to architectural and services systems peculiarities of building projects. These concepts will help in the selection of the appropriate structural systems and the broader understanding of the design process and structural detailing aspects which are essential for the design management and construction management responsibilities. Planning, design emphasis would consider life cycle cost economics and sustainability issues.</p> <p><b>Project Cost and Contract Management Studio (BEM2.03):</b> The intent of the course is to augment the knowledge imparted through lectures by discussion of practical cases to determine practice, critically analyse application of knowledge in professional context, experience simulated application procedure in a limited context. Live case studies are undertaken and various aspects of the course are taken up in the Studios. Emphasis is given to interaction with project technical staff and other stakeholders.</p> <p><b>Project Seminar-I (BEM2.04):</b> The Project Seminar provides an opportunity for the academic research. This knowledge is furthered by carrying out Project Seminars aimed to provide students an opportunity to cultivate specialization in the areas of their own interest under the overall guidance of the faculty. The objective of the seminar work is to train the students to prepare state of art report by assimilation of concepts / ideas on a chosen topic in the area of Building Engineering and Management through an</p>

		extensive literature study and data collection from the field. Project Seminars should help students in undertaking academic research independently.
3	Third Semester	<p><b>Project Procurement Management Studio(BEM3.02):</b> The intent of the course is to augment the knowledge imparted through lectures by discussion of practical cases to determine practice, critically analyse application of knowledge in professional context, experience simulated application procedure in a limited context. Live case studies are undertaken and various aspects of the course are taken up in the Studios. Emphasis is given to interaction with project technical staff and other stakeholders.</p> <p><b>Project Seminar-II (BEM3.04):</b> Carrying from the objectives of Project Seminar-I, the objective of Project Seminar-II is to further research on the chosen topics which could be in continuation with the earlier Project Seminar or different. Students are expected to come out with more specific findings and recommendations and better innovative solutions. This should lead to better performance in the Thesis to be undertaken in the fourth semester.</p>
4	Fourth Semester	<p><b>Thesis (4.01):</b> The objective of the thesis is to provide an opportunity to the students to prepare independent and original study of a special project of his own choice. The subject for special study may be conceptual or practical but pertaining to Building Engineering and Management. This should however, offer scope to adopt a fresh approach in formulating a concept or developing a methodology effective and useful. Each student will prepare the Thesis under the guidance of a principal advisor with regular reviews by the faculty of the department. The Thesis will be presented in the accepted form of a thesis report duly supported by copious References, sketches, graphs, statistical data, details of survey if any, detailed account of experimental / analytical procedures adopted. Each student is required to defend his Thesis at a Viva Voce Examination by jury.</p>

## 8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Aayushi Pandya	Framework for Risk Assessment of Existing Healthcare Infrastructure To Extreme Weather Events In India: Case of Tropical Cyclones And Floods	Asso. Prof. Sushil Kr. Solanki
2	Anupam Rawat	Retrofitting Cost Assessment	Asst. Prof. Salman Khursheed
3	Arjun Das	Improving Construction Quality of Residential Projects	Ms. Aparna Ash Kanojia
4	Devansh Chauhan	Framework for Client Satisfaction Evaluation for Construction Project	Dr. Abhijit Rastogi

5	Diksha Rohila	Evaluation of Organizational Bim Readiness of Construction Industry	Mr. Avinash Kumar Tandon
6	Dinah Simon	Reliability of HVAC System Pertaining to Life & Fire Safety	Prof. (Dr.) Virendra Kumar Paul
7	Diptanshu Roy	CPPI for Monitoring Pollution During Construction Phase	Mr. Avinash Kumar Tandon
8	Khushbu Vishwakarma	Mechanization and Automation in Construction	Asso. Prof. Sushil Kr. Solanki
9	Manika Aggarwal	A Value Proposition for Sustainable Building Components	Dr. Abhijit Rastogi
10	Manish Rao	Developing Cost Based Seismic Vulnerability Mitigation Measures Based on Rapid Visual Screening.	Mr. Luke Judson
11	Mathesh. U	Analysis of Problems in Pre-Cast for Residential Buildings	Mr. Varun Seth
12	Neha Kumari	Application of The CCPM in Construction Project	Ms. Aparna Ash Kanojia
13	Nidhi Gupta	Effectiveness of Amendment of GCC on Claims by Cpwd In 2019	Mr. Manoj Mittal
14	Nisha Verma	Assessment And Optimisation of Cost of Quality in Construction Industry	Asso. Prof. Sushil Kr. Solanki
15	Parvez Aalam	Framework for Provision in Contract Document for Building Construction Waste	Mr. Avinash Kumar Tandon
16	Rahul Kumar Gupta	Project Success Through Planned Project Closeout	Asso. Prof. Sushil Kr. Solanki
17	Ravi Krishan Saurav	Risk Management of Facade Retrofitting	Asso. Prof. Sushil Kr. Solanki
18	Ritvika Srivastava	Study of Effectiveness of RERA Act, 2016 In Residential Real Estate	Ms. Aparna Ash Kanojia
19	Samkit Jain	Fire Risk Assessment And Mitigation Strategies for Commercial Buildings	Prof. (Dr.) Virendra Kumar Paul
20	Saurabh Suranj	Cost Model For Budget Hotel In India	Mr. Varun Seth
21	Shantanu Chandra	Selection of Hvac System Based on Life Cycle Cost	Prof. (Dr.) Virendra Kumar Paul
22	Shashank	Assessment of Project Profitability – A Risk Based Probabilistic Approach	Prof. Retd. Maj. Gen. T.S. Sidana
23	Sneh Mittal	Performance Measurement System for Building Construction Projects	Asst. Prof. Salman Khursheed
24	Sumit Sharma	Efficiency of Dispute Review Boards in Public Sector Organizations in India	Mr. Manoj Mittal
25	Swadesh Naskar	Critical Analysis of Affordable Housing In PPP Model	Mr. Avinash Kumar Tandon
26	U Harshitha	Efficiency of Change Management in Construction Projects	Mr. Amit Moza
27	Utsah Nigam	An Analysis for Decision Making in	Ar. Luke Judson

		Commercial Real Estate for Investor In Indian Context	
28	Vanshika Thandra	Optimisation of Development Strategy in Residential Projects	Prof. Retd. Maj. Gen. T.S. Sidana
29	Vidushi Kasana	Framework for Resolution of Distressed Residential Real Estate Projects	Prof. Retd. Maj. Gen. T.S. Sidana
30	Vijayalaxmi Singh	Maintenance Performance Assessment Framework for Office Buildings	Mr. Manoj Mittal
31	Vrinda Jajoo	Retrospection into Success and Failure of Construction Projects	Dr. Abhijit Rastogi
32	Paresh	A Guiding Framework to Appraise the Construction Project Manager	Asso. Prof. Sushil Kr. Solanki

## 9. Details of the Ph.D Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide(s)
1	Dr. Ganesh Krishna Chaukiyal	The Diagnostic Study of Parameters of Airport Projcets Contributing Towards Time Overruns During Planning and Execution Stages	Prof.(Dr.)Virendra Kumar Paul
2	Dr. Deepak Saigal	Study of Cost Overruns in Hydro Power Projcets for developing approach for Realistic Cost Prediction	Prof.(Dr.)Virendra Kumar Paul
3	Dr. Abhijit Rastogi	Challenges in Fly Ash utilization and Development of proposal for promotional initiatives	Prof.(Dr.)Virendra Kumar Paul
4	Dr. Arshia Khajooria	Design of Building Elements for Energy Efficiecy: Case Study of Jammu City	Prof.(Dr.)Virendra Kumar Paul
5	Maj.Gen.T.S.Sidana	Develop a Value Index fro Quality of Life (QOL) Parameters of Residentail Built Environment	Prof.(Dr.)Virendra Kumar Paul
6	Mr. Luke Judson	Study of Monitoring and Control Management of Construction projects; Contractors cash flow Management for Project Success	Prof.(Dr.)Virendra Kumar Paul
7	Mr. Sushil Kumar Solanki	Techno-Managerial Assessment Tool for Building Rehabilitation	Prof.(Dr.)Virendra Kumar Paul
8	Mr. Kuldeep Kumar	Fire and Life Safety Risk Analysis and Reliability Assesement	Prof.(Dr.)Virendra Kumar Paul
9	Ms. Sumedha Dua	Resilience in Healthcare Infrastructure	Prof.(Dr.)Virendra Kumar Paul
10	Ms. Parnika Singh Yadav	Project Complexity Vulnerability Assesement and Process Control Measures	Prof.(Dr.)Virendra Kumar Paul
11	Ms. Devika Nayal	Climate Change based Risks to Built Environment	Prof.(Dr.)Virendra Kumar Paul

12	Mr. Amit Moza	Study of influence of critical success factors in effective delay management in projects	Prof.(Dr.)Virendra Kumar Paul
----	---------------	--	-------------------------------

## 10. Details of Research Projects

NIL

## 11. Details of Consultancy Projects

NIL

## 12. Details of Research Publications

### V.K Paul

1. Paul, V. K., Solanki, S., & Dasgupta, R. (2021). Post Pandemic Impact on Planning Of District Hospitals in India. International Journal of the Built Environment and Asset Management, 2(1), 1. <https://doi.org/10.1504/IJBEAM.2021.10043515>
2. Kapoor, E., Solanki, S.K & Paul, V. K. (2022). Cost benefit analysis for rehabilitation of buildings: case of Indian Medical Association, New Delhi. International Journal of Structural Engineering, 10.1504/IJSTRUCTE.2021.10043508.
3. Singh, V., , Paul, V.K., Solanki, S.K (2022) ; Feasibility study of adaptive reuse of old buildings; ; International Journal of Architectural Design and Management, Journal Pub. DOI (Journal): 10.37628/IJHHSP
4. Sushil Kumar Solanki; VK Paul; Comparison between service life prediction methods for building rehabilitation: application on a case study; Journal of Building Pathology and Rehabilitation (2022) 7:51 <https://doi.org/10.1007/s41024-022-00194-x>

### Sushil Kumar Solanki

1. Paul, V. K., Solanki, S., & Dasgupta, R. (2021). Post Pandemic Impact on Planning Of District Hospitals in India. International Journal of the Built Environment and Asset Management, 2(1), 1. <https://doi.org/10.1504/IJBEAM.2021.10043515>.
2. Kapoor, E., Solanki, S.K & Paul, V. K. (2022). Cost benefit analysis for rehabilitation of buildings: case of Indian Medical Association, New Delhi. International Journal of Structural Engineering, 10.1504/IJSTRUCTE.2021.10043508.
3. Singh, V., , Paul, V.K., Solanki, S.K (2022) ; Feasibility study of adaptive reuse of old buildings; ; International Journal of Architectural Design and Management, Journal Pub. DOI (Journal): 10.37628/IJHHSP.
4. Sushil Kumar Solanki; VK Paul; Comparison between service life prediction methods for building rehabilitation: application on a case study; Journal of Building Pathology and Rehabilitation (2022) 7:51 <https://doi.org/10.1007/s41024-022-00194-x>.

## 13. Details of Membership in Committees/Editorial Boards/Any other

### V.K Paul

1. Editor, SPACE Journal

**Sushil Kumar Solanki**

1. Ajadi ka Amrit Mahotsav

**14. Conferences, Exhibitions, Seminars, Workshop Organized**

NIL

**15. Papers Presented in Seminars, Workshops, Conferences etc.**

NIL

**16. Participation of Faculty Members in Seminars, Workshops, Conferences, Exhibitions etc.**

NIL

**17. Membership of Professional Bodies**

**V.K Paul**

FIIA, FIE, C. Eng. FRICS, FIHE, Hon. FIFE(I)

**Sushil Kumar Solanki**

IIA, AIBIM

**Chaitali Basu**

LEED AP

**Abhijit Rastogi**

1. Indian Green Building Council (IGBC–AP)
2. Associate, Indian Institute of Architects,
3. Member, The Institution of Engineers (India)
4. Chartered Engineer (India)

**18. Additional Information if Any**

1. Lectures, workshop conducted on Indian Knowledge Systems, Project Management and Digitalization in construction management









### **3. RESEARCH AND CONSULTANCY ACTIVITIES**



## 3.1 RESEARCH PROJECTS

S. No.	Name of Research Project	Name of Project Coordinator	Name of the Department	Name of Sponsoring Agency
1	Cities for You(th): Digital Tools to Enable Youth Leadership for Urban Well-Being	Prof. Dr. Arunava DasGupta	Urban Design	Active Learning Solutions Pvt. Ltd. (Safetipin)
2	Development of Trip Generation Manual for Indian Cities	Sh. Sairam Dasari	Physical Planning	CSIR-Central Road Research Institute (CSIR-CRRI)
3	Climate -Resilient, Energy secure, and Healthy Built Environments (CREST)	Dr. Shweta Manchanda	Architecture	University of Bath
4	Training Programme on Energy Efficient Building	Prof. Dr. Bandana Jha	Architecture	MoHUA
5	Environmental Information System Centre for Human Settlement (ENVIS)	Prof. Dr Meenakshi Dhote	Environmental Planning	Ministry of Environment, Forest & Climate Change
6	Design Innovation Centre (DIC), Ministry of Human Resource Development , Govt. of India	Prof. Dr. Sanjukta Bhaduri	Urban Planning	Ministry of Education (MHRD)
7	Capacity Building in the form of Online Course(MOOCs) on SWAYAM Portal by UGC, MHRD -Government of India	Prof. Dr. Sanjukta Bhaduri	Urban Planning	University Grants Commission
8	UGC- UKIERI- Project-Decision Support Framework for Resilient Critical Infrastructure against Extreme Weather events and Climate Change	Prof. Dr. P.S.N. Rao	Housing	UGC for Indian Side and British Council for UK Side
9	Coping with Climate: Policies for Climate Change Adoption and Transport Sector Mitigation in Indian Cities (CLIMATRANS)	Prof. Dr. Sanjay Gupta	Transport Planning	Norway Research Council and Institute of Transport economics, (TOI), Oslo

10	Understanding Indian urban Governance Reform: A comparative Analysis of Smart City policy reforms and their impact on sustainable urban mobility (UNDERREFORM)	Prof. Dr. Sanjay Gupta	Transport Planning	ESRC-ICSSR, U.K
11	Water Security and Sanitation Challenges under the Global Challenges Research Fund (GCRF) of UKRI	Prof. Dr. Ashok Kumar	Physical Planning	University of New Castle, UK
12	Impact of Covid 19 (under water security and sanitation Challenges Research Fund (GCRF) of UKRI	Prof. Dr. Ashok Kumar	Physical Planning	University of Leeds, UK
13	Evaluation of the Housing Technology Namely 'EPS Core Panel System with wire Mesh & Chipping Concrete' w.r.t. Green & Sustainability Parameters'- Demonstration Housing Project at Bhubaneshwar	Prof. Dr. Virendra Kumar Paul	BEM	Building Materials and Technology Promotion Council (BMTPC)
14	Research and Documentation for Conservation of Masque at Jalali (UK)	Ms. Anuradha Chaturvedi	Architectural Conservation	Improved Conservation inventions
15	Research of Handbook on Lime of Working Group of CED4 of Bureau of Indian Standards	Ms. Anuradha Chaturvedi	Architectural Conservation	Bureau of Indian Standards
16	Study of Challenges in Fly Ash Utilization and Development of Proposal for promotional initiatives	Prof. Dr. Virendra Kumar Paul, Dr. Chaitali Basu and Abhijit Rastogi	BEM	National Thermal Power Corporation (NTPC)
17	Smart Sustainable City Regions in India” in partnership with NTNU – Norway funded by UTFORSK, Norway	Prof. Dr. Arunava Dasgupta	Urban Design	Norwegian University of Science and Technology (NTNU)

18	Urban Transformations – Learnings from South Asia and Germany, in partnership with Heidelberg University, Germany and Kathmandu University, Nepal funded by DAAD, Germany	Prof. Dr. Arunava Dasgupta	Urban Design	DAAD Germany
19	Handbook on Spatial Planning for Rural Clusters	Prof. Ashok Kumar	Physical Planning	Ministry of Rural Development, Government of India
20	Global Urban Planning Education Consortium to prepare a module on "Globalisation of Urban Planning and Development"	Prof. Ashok Kumar	Physical Planning	British council

## 3.2 DESIGN INNOVATION CENTER

### ACHIEVEMENTS / WORKSHOP & EVENT ORGANISED

- Organized a Webinar Series on “**Design Thinking and Product Development**” started from **01st Sept, 2021 to 15th Sept, 2021** at SPA-New Delhi.
- Organized a competition among the students in the month of April by the name **TETRIS GLITCH 2022** to encourage the participation of students by DIC (Hub) & IIC from 1<sup>st</sup> April, 2022 to 30<sup>th</sup> April, 2022.
- Formulation of **Innovation and Start-up Policy** for SPA-New Delhi, FY-2021-2022.

### 3.3 CONSULTANCY PROJECTS

S. No	Name of Consultancy Project	Name of the Project Coordinator	Name of the Department
1	Climate Friendly Freight Transport in India' Client:- GIZ	Prof. Sanjay Gupta	Transport Planning
2	Integrated Mobility study at Upper Terminal , Mussoorie under Dehradun-Mussoorie Ropeway Project" Client :-Uttarakhand Tourism Development Board , Dehradun	Prof. Sanjay Gupta	Transport Planning
3	Oversight and Review of Civil and Electrical work at Southern Regional Office of CCI at Chennai - Client Competition Commission of India	Prof. Aruna Ramani Grover	Architecture
4	Construction of Yatri Niwas & Disaster Management Centre at - Jammu - Shri Amarnath Shrine Board	Prof. P.S.N Rao	Housing
5	Social Disability Audit of Accessibility of Road Infrastructure in Selected Stretches of Delhi. Client : Department of Social Welfare, NCT Delhi	Prof. P.S.N Rao	Housing
6	Preparation of RFP for on-boarding of the Operations and Maintenance (O&M) Operator /Vendor to operate and maintain the 'Bharat Vandana Park' Dwarka Client : NBCC (India)Ltd.	Dr. Shuvojit Sarkar	Architecture
7	Social Infrastructure Development Plan for Gurugram-Manesar Urban Complex 2031(SIDP,GMUC-2031) GMDA	Prof. Sanjay Gupta	Transport Planning
8	Classroom complex under RUSA GRANT-DCRUST Murthal- Client: Concept Planners International New Delhi	Prof. Chitrarekha Kabre	Architecture
9	Green Gas Limitee Office Building Lucknow Project -Client: Concept Planners International New Delhi	Prof. Chitrarekha Kabre	Architecture
10	GRIHA v5.0 Project- DCRUST Murthal-Client : Planner Group of Chandigarh	Prof. Chitrarekha Kabre	Architecture
11	DPR for Bisra Munda Bus Stand in Birmatrapur Municipality Sundergarh District Odhisa	Dr. Shuvojit Sarkar	Architecture
12	Construction of Office and Yatri Niwas at Pantha Chowk Srinagar- Shri Amarnathji Shrine Board	Prof. P.S.N Rao	Housing
13	DPR for Model Crematorium, Birmatrapur Municipality Odhisa	Dr. Shuvojit Sarkar	Architecture



14	Master Plan for DPR and estimates for development of ' <u>Integrated Infrastructure Complex for Old age and Disabled</u> ' in Sundergarh District Odisha	Dr. Shuvojit Sarkar	Architecture
15	Layout Planning for Sector Level in New Agra -Agra Development Authority	Prof. Ashok Kumar	Physical Planning
16	Upgradation & Improvement Cantonment General Hospital Delh Cantt. -Delhi Cantonment Board	Prof. Aruna Ramani Grover	Architecture
17	Infrastructure Improvement & Upgradation of existing road infrastructure in Delhi Cantt.	Prof. Anil Dewan	Architecture
18	DPR for Rajgangpur Municipality Odisha	Dr. Shuvojit Sarkar	Architecture
19	Master plan for DNGIR Nodia Authority	Prof. Ashok Kumar	Physical Planning
20	Preparation of Layout Plan of 3 Unauthorised Colonies Khirki Extn. Saroop Nagar and Libaspur Extn. And East Azad Nagar-DDA	Prof. Sanjukta Bhaduri	Urban Planning
21	Reconstruction of Staff Quarter at Sadar Bazar, Delhi Cantt. -Delhi Cantonment Board	Prof. P.S.N Rao	Housing
22	Master Plan for Rajgangpur Municipality Odisha	Dr. Shuvojit Sarkar	Architecture
23	Master Plan for Birmitrapur Municipality Odisha	Dr. Shuvojit Sarkar	Architecture
24	Master Plan for Sundergarh Municipality Odisha	Dr. Shuvojit Sarkar	Architecture
25	Design of Safe, Seamless and Continuous Cycle Network in NDMC area Project Client NDMC	Prof. Sewa Ram	Transport Planning
26	Engagement as a Subject Expert to Develop a White Paper For The Master Plan of Delhi-2041	Prof. Sanjay Gupta	Transport Planning
27	Airport Support Service Centre Village Mahram Nagar -Delhi Cantt. Board	Prof. Aruna Ramani Grover	Architecture
28	3 M Asia Project ; Client:3 M Asia Pacific Pte Ltd. Project	Prof. Sewa Ram	Transport Planning
29	Preparation of Two District Development Plan For Lakhimpur and Dhemaji and 4 Master plans for Dhemaji, Silapathar, North Lakhimpur, Dhakuankhona in Assam Project.	Prof. Ashok Kumar	Physical Planning
30	Construction Development of City Centre -II Delhi Cantonment Board Project	Prof. Aruna Ramani Grover	Architecture

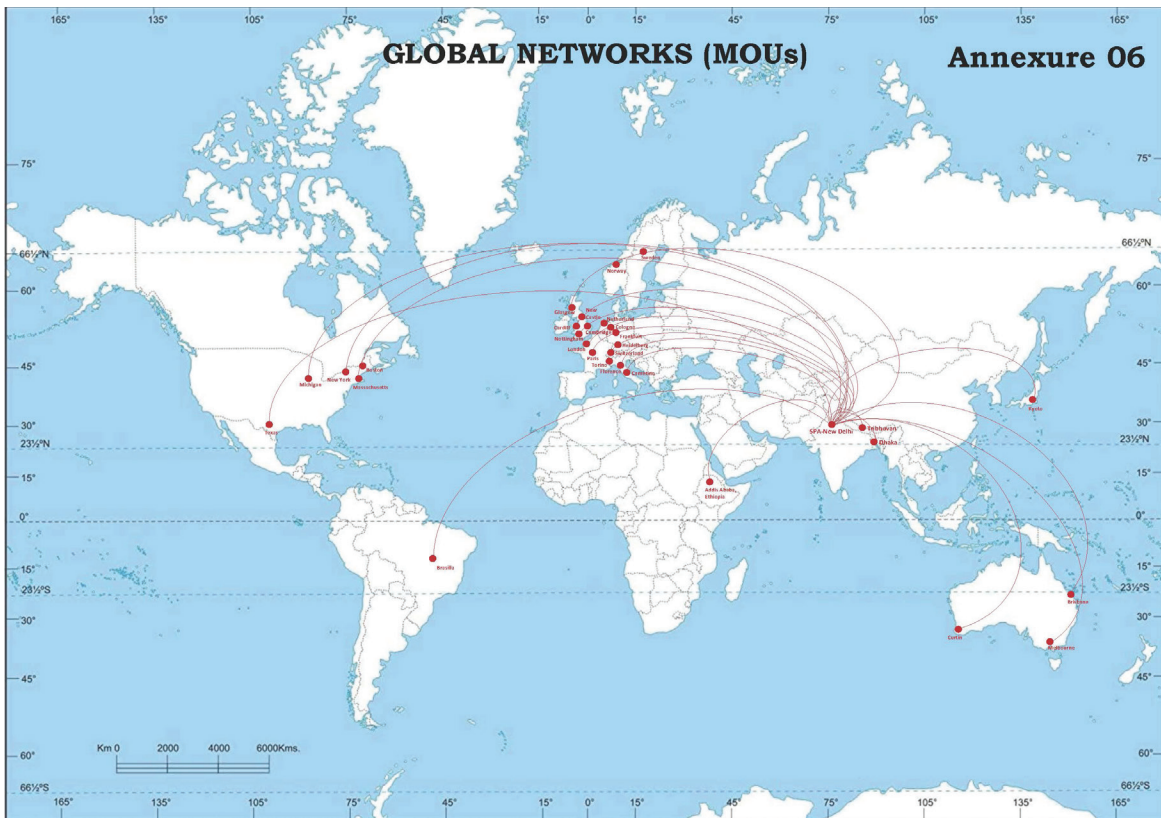
31	New Campus Development for Institute of Medicine, Tribhuvan University, Kathmandu Nepal	Prof. Anil Dewan	Architecture
32	Carryout Provisioning of Classrooms, Laboratories etc.at Silver Oak Model School -Delhi Cantonment Board	Sh. Prabhjot Singh Sugga	Architecture
33	Residential Accommodation of Jt. CEO Delhi Cantonment Board and CMO Cantonment General Hospital- Delhi Cantonment Board	Sh. Prabhjot Singh Sugga	Architecture
34	Review of NCR 2041 Regional Plan Chapter- NCR Planning Board	Prof. P.S.N Rao	Housing
35	Transport Consultancy for Aligarh, Khurja and Bulandshehr City -AIIISG	Dr. Bhaskar Gowd Sudgani	Transport Planning
36	Road Safety Audit -Delhi Cantonment Board Project	Prof. .Anil Dewan	Architecture
37	Preparation of concept Plan and rough cost estimate for upgradation of IAHE campus at NOIDA (IAHE- Project)	Prof. Aruna Ramani Grover	Architecture
38	Architectural Consultancy Services for Electric Crematorium Building at Village Old Nangal, Delhi Cantt.	Prof. Dr.Anil Dewan	Architecture
39	Study & Carrying Capacity Assessment of NCT of Delhi- Delhi Pollution Control Committee Project	Prof. Meenakshi Dhote	Environmental Planning
40	Expansion of Chitrakoot Guest House, Delhi Cantonment Board Project	Prof. Aruna Ramani Grover	Architecture
41	Safety Audit For AIIMS-Patna (Bihar)	Prof. V.K. Paul	BEM
42	REC Township at Gurugram Sector -57 - Rural Electrification Corporation Limited Lodhi Road	Prof. V.K. Paul	BEM
43	Oil and Natural Gas Corporation Ltd. - Vadodra	Prof. P.S.N Rao	Housing
44	Preparation of Right way of Management fro Gurugram Manesar Urban Complex -GMDA	Prof. Sewa Ram	Transport Planning
45	IMA- "Structural Audit Retrofitting Architectural Designing of Existing IMA Building at ITO, New Delhi	Prof. V.K. Paul	BEM
46	Redevelopment of Asthathpath Rishikesh-Superintending Engineer Irrigation Water Circle. Bauradi Dist. Tehri Uttrakhand	Prof. Manoj Mathur	Architecture
47	Redevelopment of ITPO Complex at Pragati Maidan-Shapoorji Pallonji and Company Private Limited	Prof. Anil Dewan	Architecture
48	Comprehensive Mobility Plan for Dwarka-K-II zone Project	Prof. Sanjay Gupta	Transport Planning

49	Comprehensive Mobility Plan for - GMDA	Prof. Sanjay Gupta	Transport Planning
50	IIT- Kanpur "Redevelopment of Spray Pond at Kelkar Library, "	Prof. Manoj Mathur	Architecture
51	Baddi Barotiwala nalagargh Development Athourity Solan (H.P)	Prof. Mayank Mathur	Physical Planning
52	Shri Mata Vaishno Devi Shrine Board	Prof. Mandeep Singh	Architecture
53	Electrical Crematorium at URI- Delhi Cantt. Board	Prof. Arunava Dasgupta	Urban Design
54	NRL Township Construction	Prof. P.S.N Rao	Housing

# NATIONAL NETWORK (MOUs)



## SCHOOL OF PLANNING AND ARCHITECTURE NEW DELHI



31.10.22

SCHOOL OF PLANNING AND ARCHITECTURE NEW DELHI





**4. FACULTY DEVELOPMENT AND  
OUTREACH**



## 4.1 MOUs SIGNED DURING 2021-22

<b>S.No.</b>	<b>Name of the MOU</b>	<b>Name of the MOU Partner</b>	<b>Nature of MOU</b>
1.	Climate-Resilient, Energy Secure, and Healthy Built Environment (CREST) Project	University of Bath, UK	Research
2.	Cities for You(th): Digital Tools to Enable Youth Leadership for Urban Well-Being- Project	Active Learning Solution Pvt. Ltd. (Safetipin)	Research
3.	Collaboration for encourage research and development related to technologies and create various training and certification courses	Information Sharing and Analysis Centre (ISAC)	Research and Academic
4.	Development of Trip Generation Manual for Indian cities- Project	CSIR-Central Road Research Institute (CSIR_CRRI), New Delhi	Research
5.	Reducing risk, raising resilience: Recovering the public space of Shahjahanabad through participatory conservation and ecological urbanism- Project	Laurentian University, Canada	Research
6.	Collaboration for exchange and share knowledge, papers and reports, conduct training and capacity building programme on basis of mutual benefits	Kerala Institute of Local Administration, Thrissur, Kerala	Research and Academic
7.	Collaboration for exchange of joint courses, programs and consultancy and advisory on Building related works on the basis of mutual benefits	Tribhuvan University, Institute of Medicine, Kathmandu, Nepal	Research and Academic



## 4.2 SPACE: THE SPA JOURNAL OF PLANNING AND ARCHITECTURE

The School's Journal from 1950's to mid 1980's was titled Urban and Rural Planning Thought and was widely acknowledged as the foremost academic journal in this field. In 1979, the Journal was renamed 'SPA Journal', while in 1985 the Journal was further renamed SPACE, to reflect a more inclusive concept of many disciplines represented in the SPA. The Journal attempts to bring out a diverse collection of technical papers largely contributed by faculty and students of the School.

### **The Editorial Board**

The Editorial Board of the School is responsible towards bringing out the SPACE Journal and the Newsletter. Prof. Dr. P.S.N. Rao is Editor-in- Chief of the Editorial Board of SPACE Journal.

## 4.3 DISHA NEWSLETTER

'DISHA' is the quarterly newsletters of the school it comprehensively covers, reviews important events around the campus and announces forthcoming activities to ensure greater participation. Major academic achievements, research works, consultancies, collaborations and extra-curricular activities of the institute are covered in detail in each of the editions. It showcases the achievements and accolades of students, staff, faculty and alumni. The newsletter has a wide outreach and is awaited eagerly by one and all. The newsletter is run by an editorial board comprising of the editor and chairperson, Prof. Dr. P.S.N. Rao (Director), Dr. Shuvojit Sarkar (Associate Professor of Architecture), Ms. Anjali Mittal (Assistant Professor of Architecture) as members and supported by Mr. Nishant Gautam (Assistant Professor of Architecture on contract). The editorial board was reconstituted and Dr. Ramya Sakkeri, (Assistant Professor of Urban Planning) and Ms. Neha Korde (Assistant Professor of Architecture) were inducted in the board in place of Ms. Anjali Mittal and Mr. Nishant Gautam, who successfully completed their term. The newsletter was started in the year 2018 and has successfully completed 17 Editions and is running strong with contributions and support from all the departments, sections and individuals. It has a wide e-circulation and limited printed copies for distribution amongst the guests who visit the school, other institutions and industry leaders. In the current year, four quarterly newsletters were published. Last year three issues were published.



Autodesk





**5.**

## **RESOURCES**



## 5.1 FACULTY MEMBERS IN THE SCHOOL

<b>Department of Architecture</b>		
1	Prof. Dr. Ranjana Mital #	Professor of Architecture
2	Prof. Dr. Mandeep Singh \$	Professor of Architecture
3	Prof. Manoj Mathur	Professor of Architecture
4	Prof. Dr. Aruna R. Grover	Professor of Architecture
5	Prof. Dr. Anil Dewan	Professor of Architecture
6	Prof. Dr. Jaya Kumar	Professor of Architecture
7	Prof. Dr. Jyoti Pandey Sharma	Professor of Architecture
8	Prof. Dr. Chitrankha Kabre	Professor of Architecture
9	Prof. Dr. Bandana Jha	Professor of Architecture
10	Prof. Dr. Binod Kumar Singh	Professor of Structural Engineering
11	Dr. Leon Angelo Morenas	Associate Professor of Architecture
12	Dr. Shweta Manchanda	Associate Professor of Architecture
13	Dr. Shuvojit Sarkar	Associate Professor of Architecture
14	Shri Prabhjot Singh Sugga	Associate Professor of Architecture
15	Dr. Jatinder Kaur	Associate Professor of Architecture
16	Shri S.K. Aaditya	Assistant Professor of Architecture
17	Ms. Parul Kiri Roy	Assistant Professor of Architecture
18	Ms. Moulshri Joshi*	Assistant Professor of Architecture
19	Dr. S.P. Shrivastava	Assistant Professor of Civil Engg.
20	Ms. Aarti Nagpal	Assistant Professor of Architecture
21	Ms. Arpita Dayal	Assistant Professor of Architecture
22	Ms. Anjali Mittal	Assistant Professor of Architecture
23	Shri Saptrishi Sanyal	Assistant Professor of Architecture
24	Ms. Mekhla Parihar	Assistant Professor of Architecture
25	Ms. Vandana Kothari	Assistant Professor of Art
26	Dr. Khushal Matai	Assistant Professor of Architecture
27	Mr. Dhruvajyoti Padun	Assistant Professor of Architecture
28	Mr. Amit Kumar	Assistant Professor of Architecture
29	Mr. Kandipilli Mehar Kumar	Assistant Professor of Architecture
30	Dr. Kshetri mayun Bangkim Singh	Assistant Professor of Architecture
31	Mr. Krishna Prakash	Assistant Professor of Architecture
32	Mr. Thomas Krishna Pegu	Assistant Professor of Architecture
33	Mr Mohammed Athar Mansury	Assistant Professor of Architecture
34	Ms. Arathy Gopal	Assistant Professor of Architecture
35	Mr. Ankit Kumar	Assistant Professor of Architecture
<b>Department of Physical Planning</b>		
36	Prof. Dr. Ashok Kumar	Professor of Physical Planning
37	Prof. Dr. Mahavir	Professor of Physical Planning
38	Prof. Dr. Mayank Mathur	Professor of Physical Planning
39	Prof. Dr. Poonam Prakash	Professor of Physical Planning

40	Ms. Priti Deo	Assistant Professor of Physical Planning
41	Ms. Papiya Bandyopadhyay Raut	Assistant Professor of Physical Planning
42	Mr. Piyoosh Singh	Assistant Professor of Physical Planning
43	Mr. Sairam Dasari	Assistant Professor of Physical Planning
<b>CASS</b>		
44	Prof. Dr. R.Biswas	Professor of Physical Planning
<b>Department of Industrial Design</b>		
45	Shri Parag Anand Meshram	Associate Professor of Industrial Design
46	Ms. Kritya Gera	Assistant Professor of Industrial Design
47	Ms. Aditi Singh	Assistant Professor of Industrial Design
48	Mr. Sushil Ichhya Vijay	Assistant Professor of Industrial Design
<b>Department of Building Engineering &amp; Management</b>		
49	Prof. Dr. V.K. Paul	Professor of BEM
50	Mr. Sushil Kumar Solanki	Associate Professor of BEM
51	Mr. Salman Khursheed	Assistant Professor of BEM
52	Dr. Chaitali Basu	Assistant Professor of BEM
53	Mr. Abhijit Rastogi	Assistant Professor of BEM
<b>Department of Urban Design</b>		
54	Prof. Dr. Arunava Dasgupta	Professor of Urban Design
55	Shri Manu Mahajan	Associate Professor of Urban Design
<b>Department of Architectural Conservation</b>		
56	Prof. Dr. Priyaleen Singh	Professor of Architectural Conservation
57	Ms. Anuradha Chaturvedi	Associate Professor of Architectural Conservation
58	Ms. Laxmi Priya T.	Assistant Professor of Architectural Conservation
<b>Department of Urban Planning</b>		
59	Prof. Dr. Sanjukta Bhaduri	Professor of Urban Planning
60	Prof. Dr. Prafulla Madhukar Parlewar	Professor of Urban Planning
61	Shri M. Palaniappan	Associate Professor of Urban Planning
62	Dr. Chandrani Bandyopadhyay Neogi	Associate Professor of Urban Planning
63	Dr. Nilanjana Dasgupta Sur	Assistant Professor of Urban Planning
64	Mr. Palthya Srinivas Naik	Assistant Professor of Urban Planning
65	Dr. Sakkeri Ramya	Assistant Professor of Urban Planning
66	Mr. Karan Barpete	Assistant Professor of Urban Planning
<b>Department of Regional Planning</b>		
67	Prof. Dr. N.Sridharan**	Professor of Regional Planning
68	Prof. Dr. Vinita Yadav	Professor of Regional Planning
69	Dr. Chetna Singh	Assistant Professor of Regional Planning
<b>Department of Environmental Planning</b>		
70	Prof. Dr. Meenakshi Dhote	Professor of Environmental Planning
71	Dr. Neha Goel Tripathi	Assistant Professor of Environmental Planning

<b>Department of Housing</b>		
72	Prof. Dr. P.S.N. Rao	Professor of Housing & Director
73	Dr. Ruchita Gupta	Associate Professor of Housing
74	Ms. Harshita Deo	Assistant Professor of Housing
<b>Department of Transport Planning</b>		
75	Prof. Dr. Sanjay Gupta	Professor of Transport Planning
76	Prof. Dr. Sewa Ram	Professor of Transport Planning
77	Dr. Chidambara	Associate Professor of Transport Planning
78	Dr. Bhaskar Gowd Sudagani	Assistant Professor of Transport Planning
<b>Department of Landscape Architecture</b>		
79	Dr. Aarti Grover	Associate Professor of Landscape Architecture

\*Resignation under  
process

\*\*Appointed as Director, SF  
Bhopal

# Retired on 31.07.2021

\$ Retired on 31.10.2021



## 5.2 CASS/GIS/RS

### 1. Name of the Centre

Centre for Analysis and System Studies  
 Centre for Remote Sensing  
 Centre for Geographical Information System

### 2. Year of Establishment of the Centre

Centre for Analysis and System Studies-17<sup>th</sup> October, 1986.  
 Centre for Remote Sensing-29<sup>th</sup> July, 1999.  
 Centre for Geographical Information System- 21<sup>st</sup> January, 2003.

### 3. Faculty profile with name, educational qualifications, designation, a re a of specialization, experience and research guidance :

Name of the	Educational Qualification	Designation	Areas of Specialization	Years of Experien
Prof. Dr. Rabidyuti Biswas	B.E. (Civil) Master of Regional Planning (IIT Kgp), Ph.D. (IIT Roorkee)	Coordinator CASS/GIS/RS Professor of Physical Planning,	Regional Planning, Infrastructure Planning and Management	29

### 4. Research thrust areas of the Centre

GIS application in spatial planning.

### 5. Any other information (Activities or achievements not covered earlier)

#### (a) Managing the service related to administration

- Maintaining and managing complete Biometric based attendance system.
- Managing and maintaining SPA web-site.
- Procurement of new IT peripherals for the school.
- Preparing of Technical Tenders.

#### (b) Managing and providing following IT services along with computerization work

- Asset & Inventory Management of all IT related assets like Servers, PCs, Printers, Scanners etc.
- Streamline application services like Active Directory, DHCP, DNS, WSUS patch management server, Lib-sys library software,
- Installation and support for ArcGIS software, Autodesk Software Server, for desktop and server based.
- Managing day to day calls & closes them according to their priority & SLA
- Rectifying Network issues in Planning & Architecture Building.

- Managing and securing Network, LAN etc.
- Troubleshooting of all types of Server, Workstation, Printer, Plotter and Scanner Hardware problem.
- All type of software installation on client machines like AutoCAD, MS office, Antivirus, Windows 10, Linux, Mac OS
- Managing Antivirus Server Solution on Server and Client machine.
- Firewall Management (UTM Cyberoam 300ing) for blocking un-authorized site and securing intranet network.
- Coordinate with ISP and NIC to streamline internet lease line provide MTNL and NIC.
- Installing and configuring new hardware that comes in to the SPA.
- Maintaining CCTV and Providing Backup of CCTV of School
- Managing Wi-Fi and creating users on Wi-Fi controller to access internet through access point.
- Managing RF-Link between the two buildings Planning and Architecture.
- Providing technical support for Dspace library software.
- Manage Video Conferencing System for online meeting with the Ministry etc.
- Managing of Government suggested Social Media pages on Social Networking Site for Institutions.

**(c) Providing following support to students, faculty and staff**

- Displaying Circulars, Question Paper, Results, Academic Information, School Act, Minutes AC & EC, Power and Function for various Officers, Annual Report, Academic Syllabus
- Unique User ID creation for access in GIS Lab on domain controller.
- Updating the software on GIS lab with latest patches etc.
- Provide technical support for student in GIS Lab activities.
- Providing technical training & IT security tip to students
- E-Mail ID creation on spa.ac.in domain of student for academic purpose.
- Providing Internet facilities in ITO Hostel and Maharani Bagh Campus.
- IT equipment facilities provide for student in workshop and seminar like laptop, Projector, speakers etc.
- Remote Sensing equipment issued to the student & faculties for academic purpose.
- Managing Preventive maintenance of System, Network and LAN etc.
- Email ID creation and configured mail software like outlook and Mac Mail.
- Health and Network monitoring to ensure virus free environment
- Installed, configured and maintained the regular updates of Antivirus on client machine.
- Regular up-dation of website content.
- Creation of E-mail id for Faculty and Staff members
- Providing regular support on Apple mac machine and laptop.
- Providing technical support for the on-line video conferencing etc.
- Providing technical support for any type of online registration, uploading like Swach Bharat, Aishe, e-scholarship portals.

**(d) Support Staff:**

Name and Designation	Qualification and Specialization
Sh. Kishori Lal, Section Officer	Sr. Secondary
Sh. Shanti Swaroop (Jr. System Analyst)	B.Sc (Computer Sc.), Advanced Network Management
Sh. Jagdish Kumar (Jr. System Analyst)	B.Sc (Computer Sc.), M.Sc (Mathematics)
Sh. Abhishek Jain (Jr. System Analyst)	B.Tech (Information Technology)

**(e) Infrastructure and facilities available in the Centre/Section/Unit in CASS and GIS**

Internet facilities for staff and students	Total number of Classrooms	Classrooms with ICT facility	Students Laboratories	Research Laboratories
1. CASS 25 LAN Points 2. GIS Lab 23 LAN Points	One One	Use of Projector with Smart Interactive Board	One for GIS Lab	One for CASS
<b>Hardware</b>	<b>Name</b>	<b>Quantity</b>	<b>Company/Model</b>	
1. Computer	HP Machines Mac Machines	47 (27 GIS, 20 CASS) 5 (CASS)	HP Apple	
2. Printers/Scanners/ Plotters	Laser Jet	8 1	HP Canon	
3. Wi-Fi Controller	Cisco	1	Cisco 2500WLC	
4. Switches	24 Port, 28 Port	5 (24 Port x 4) (28 Port x 1)	D-Link, Cisco	
5. Wi-Fi	Access Points	1	D-Link	
6. Web Filtering Device	UTM	1	Cyberoam 300ing	
7. Server	HP MAC	5 1	HP APPLE	
<b>Software</b>	<b>Quantity (No. of licenses)</b>	<b>Company/Model</b>	<b>Other detail</b>	
1. ArcGIS 10.1 2. ArcView 10.1 3. ArcInfo 10.1 4. ERDAS 5. AutoDesk 2019 6. Win 2008 Server (32 & 64 Bit)	20 20 2	ESRI India ESRI India ESRI India ERDAS Auto Desk Microsoft		

7. MS Office 2007	5		
8. MS Office 2010	Academic License	Apple	MoU with Autodesk For Whole School
9. Final Cut Studio		Apple	
10. Apple iwork 09	2	Apple	
11. Mac Office 2008 Student Edition	25	Apple	
12. File Maker pro Server	350	Apple	
13. Windows 7 Ultimate		Microsoft	
14. Mac OS 10 Server	2	Apple	
15. Macfee Anti-virus	-	McAfee Enterprise Security	
	-		
	1		
	-		
	1		

Other Equipment (i.e. Camera, Calculator, handy cam etc.	Name	Quantity	Company/Model
Webcam	Logitech	1	Logitech

**(f) Infrastructure and facilities available in Remote Sensing Lab**

Hardware	Name	Quantity
1 Digital Plano meter (X Plan 360 (c)		1
2 Calculators (Scientific)		2
3 OHP with Screen		1
4 Parallax Bars		6
5 Slide Projector		1
6 Stereoscope Pocket		8
7 Prism Stereoscope		5
8 Mirror Stereoscope		8
9 LCD Sugapavel Projector		1
10 Optical Reflecting Projector		1
11 Optical Pantograph		1
12 Scanning Mirror Stereoscope		1
13 Epidiascope		1

S.No.	Aerial Photographs	Quantity
1.	Jaipur Rajasthan Task No. 798-B:39/85	136
2.	Jaipur Rajasthan Task No. 798-B 39/86	184
3.	Banswara Rajasthan 1350-B	113
4.	Ujjain 1108-B	73
5.	Sidhi Madhya Pradesh 1296-B	55
6.	Ganga Nadi (Jaunpur, Azamgarh and Ghazipur) 1400	67

	A	
7.	Jaipur Rajasthan 793-B Case No. 39/85	125
8.	Bulandshar- Khurja corridor Task No. 1189-A	14
9.	Jaipur Rajasthan 816-A	6
10.	Ujjain aerial Photographs	21
11.	Four small aerial Photographs	4
12.	Ujjain aerial Photographs 5493 (1108-B)	4

## 5.3 ENVIS CENTER ON HUMAN SETTLEMENTS

### **SPA ENVIS RP on Human Settlements and their Impact on Environment Supported by Ministry of Environment, Forest and Climate Change (MoEF&CC)**

**Name of the ENVIS Centre:** ENVIS RP on Human Settlements & Their Impact on Environment, School of Planning and Architecture, New Delhi

**Name of Coordinator** : Prof. Dr. Meenakshi Dhote

This thematic centre works on creating and uploading databases concerning Human Settlements and their impact on Environment.

Knowledge Products Developed during the FY 2021-22:

- **Newsletters- 4**
- **Smart Cities Base Maps – 10**
- **Thematic Maps- 11**
- **City Profile of Indian Smart Cities- 8**
- **Smart City Table- 5**
- **Building of the Month- 12**
- **Leaflets**
  - Pocket Foldable Calendar- 2022
  - Puzzle on Wetlands for Kids
- **Webinars Conducted**
  - Interactive Virtual Session on 'Imparting Academic Awareness to Students in the Field of Environment Education
  - Webinar on the event of WORLD OZONE DAY (*Theme of the year 2021: Montreal Protocol- keeping us, our food, and our vaccines cool*)
  - Webinar on Protection of Urban Environment
  - Webinar on International Mountain Day
- **Collaborations with fellow ENVIS Centres**
  - **Awareness programme to avoid the use of Single Use Plastic at Sarvodaya Bal Vidyalaya and Kendriya Vidyalaya, Jor Bagh**
  - **Cleanliness Drive Conducted at Yamuna Riverfront Area**
- **Questionnaires Developed**
  - Questionnaire conducted on the Event of Earth Day, 2021
  - Questionnaire conducted on the Event of World Ozone Day, 2021
- **Workshops**
  - Treasure From Trash Workshop- 31st July 2021
  - Treasure From Trash Workshop- 18th Dec 2021



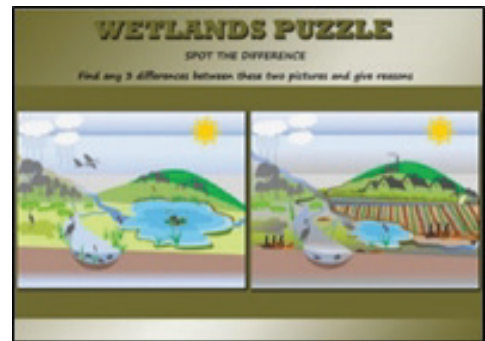
Cleanliness Drive Conducted at Yamuna Riverfront Area



Pocket Foldable Calendar- 2022



Awareness programme to avoid the use of Single Use Plastic



Wetland Puzzle- 20222



Questionnaire Flyers- 2021



Treasure From Trash Workshop-2021



## 5.4 INTERNAL QUALITY ASSURANCE CELL

Prof. Dr. P.S.N. Rao                      Head, IQAC  
Prof. Dr. Poonam Prakash              Coordinator, IQAC

The IQAC was formally established in 2013. The Director, SPA, is the Chairman of the IQAC. The IQAC undertook two important activities in its initial years of establishment. First, offered induction training to the newly recruited faculty at Delhi. Second, as part of its quality assessment mandate, it prepared and submitted required information for institutional accreditation by NAAC. Every year as part of quality assessment, the School participates in the National Institutional Ranking Framework (NIRF) for architecture discipline. Last year too, the School participated in the NIRF ranking which is coordinated by the IQAC.

### **IQAC is focused on the following aspects for enhancing quality:**

- Development and application of quality benchmarks and parameters for academic and administrative activities.
- Arrangement for feedback responses from parents and other stake holders on quality related institutional processes.
- Organisation of inter and intra departmental workshops and seminars promoting quality.
- Acting as nodal agency of the institution for coordinating quality related activities.
- Creating structures and processes for knowledge management.

### **During the period under reporting, the IQAC has performed the following functions:**

- Signed MoU with Information and Library Network (INFLIBNET) on 27<sup>th</sup> December, 2021 to join the Shodhganga project and 48 Ph.D thesis are uploaded.
- Development of the Draft of the Anti-Plagiarism and Ethics Policy for the School, which has been approved by the Senate.
- Coordination and management of relevant information for participation in the India Today –MDRA Ranking 2022, School was placed at 2<sup>nd</sup> position under Architecture discipline.
- Coordination and management of relevant information for participation in the NIRF India Rankings and improvement of the Score.
- Prepared a training calendar for the year 2022-23.
- Coordination, management, editing and publication of information for the Annual Report 2020-21.
- Coordination, management, editing and publication of 39<sup>th</sup> Convocation Booklet
- Half day online experience sharing session on “Teaching and Learning Through Digital Platforms in Architecture and Planning” was organized on 7<sup>th</sup> July, 2021.
- Presentation was made by IQAC Coordinator on Issues and Challenges for NIRF ranking in IQAC meeting held on 13<sup>th</sup> October, 2021.
- Maintaining foreign visits information of the faculty.

The IQAC is also assisting in other administrative works assigned by the competent authority of the School from time to time.

## 5.5 ANTI-SEXUAL HARASSMENT COMMITTEE

S.No.	Name and Designation	Nominated as
1.	Prof.(Dr.) Jaya Kumar Professor of Architecture	Chairperson
2.	Mr. Manu Mahajan Associate Professor of Urban Design	Member
3.	Dr. Shuvojit Sarkar Associate Professor of Architecture	Member
4.	Dr. Arti Grover Associate Professor of Landscape Architecture	Member
5.	Ms. Veena Yadav Sr. Assistant	Member
6.	Mr. Pratap Singh Rawat Section Officer	Member
7.	Mr. Preyanshu Avinash Pardhi Student of 2 <sup>nd</sup> Year, B.Arch	Member
8.	Ms. Anushka Student of 2 <sup>nd</sup> Year, B.Planning	Member
9.	Ms. Kalyani Menon Sen NGO Representative	Member
10.	Ms. Jagjeet Kaur Assistant Registrar	Secretary

## 5.6 SC/ST CELL

The School has appointed Prof. Dr. Rabidyuti Biswas, Professor of Physical Planning as a Liaison Officer for taking care of the welfare of SC, ST employees in the School and Dr. S.P. Shrivastava, Assistant Professor of Civil Engineering has been appointed as Liaison Officer of OBC for taking care of the Welfare of OBC employees in the School for the year 2021-2022

## 5.7 STUDENT AID FUND AND SCHOLARSHIPS

### **Students Aid Fund**

The objectives of the Students Aid Fund (SAF) are to render financial assistance on a case by case basis, to deserving students in the event of unforeseen expenditure for emergencies and to allow them to achieve their academic commitments and goals.

Sources of Fund and Reserve Funds are collected from students. Every student of school pays, at the commencement of the academic session, a sum of Rs.200/- or as revised from time to time. Fines collected from Students on any count are also credited in to the SAF. School on recommendation of the managing committee may raise voluntary contributions for augmenting the funds from suitable sources who desire to contribute to the fund. An amount (depending on the funds presently available) from the existing funds may be kept as a corpus. Incomes from which may be added to the amount of student contributions. The surplus funds if any, during a year, shall be credited to the corpus of the SAF.

These funds can be disbursed for the purpose of medical, living expenses, purchase of equipment for academic activities, travel expenses for study tours/ attending conferences/ workshops.

All students except PG Students receiving GATE Scholarships and full-time PhD students receiving stipends are eligible for the fund. Financial Assistance is granted as a onetime assistance of a minimum of Rs.10000/- and a maximum Rs.25000/- or as revised by the Managing Committee from time to time and approved by the School. In case of students seeking financial assistance for the second time, in case of emergency, the Director can use his discretionary powers to extend such financial assistance to a student by considering the significance of the case.

The SAF is administered by the Managing Committee constituted of the following members:

- Director/Dean of Studies of the School—chairman (Ex-Office).
- The UG and PG Student Advisors.
- Two students nominated by the Director/DOS of the School from the Student's Council.
- Registrar of the School—Secretary (Ex-officio).

A separate Bank Account for the SAF shall be maintained by the School for the operation of the fund.

- All disbursement shall be approved by the Director and the signatories for operating the bank account shall be the Registrar and the DR/AR/SO of the Accounts Section.
- All accounts of SAFs shall be maintained by the Accounts Section of the School and regularly audited.

### **Scholarships**

GATE scholarship is available to the Postgraduate Students. Students also getting Scholarships under various Government Scholarship Schemes for PG/UG students through National Scholarship Portal (NSP) as well as from the State Government.

## 5.8 DOCUMENTATION-CUM-PUBLICATION UNIT

Dr. Bharati Vats  
**DPU (In-charge)**

Dharmendra Singh Dhakad  
**Junior Assistant**

Documentation-cum-Publication Unit (DPU) of the School is entrusted with the task of supporting the functions relating to knowledge sharing through documentation and dissemination of the outcomes of research and development activities undertaken by the School with stakeholders. It supports the activities related to proof reading, translation and typing of School Publications, communicating with printers and other stakeholders, disposing of RTIs in respect of DPU and related matters, updation and revision of School Website and any other work assigned from time to time.

The DPU makes printing arrangements for all the publications of the School such as Annual Report, SPACE Journal, SPA Newsletter, Seminar Series, Convocation Booklets, Students' Handbook, Prospectus, Visiting Cards, special publications, etc. from time to time. In addition to the above items the DPU also prints stationary items for Examination Section and Store, Purchase and Maintenance Section, Accounts and Budget Section, etc. During the year 2020-21 the DPU brought out following publications:

- Tendering & Printing Annual Report 2020-21 (English) and Annual Report 2020-21 (Hindi)
- Book titled: "Built Environment and Public Health: The Rediscovery of Light and Ventilation"
- 39th Convocation Booklet.
- Hindi Calendar year 2022.
- Office and Examination stationary (letterheads, Visiting Cards, Parking Stickers and I.D. Cards)
- SHODHANJALI- II (Abstract of the Thesis of the Ph.D. Students)
- Preparation of printing of an Employees' telephone directory.
- Care, custody and maintainances of APAR in respect of officer and Staff of the school and to vet the correctness and completeness of the report. To provide certified copies to the person concern & school as and when required.

## HINDI CELL

Dr. Bharati Vats

**DPU (In-charge)/Hindi Officer (Nominated) /APAR (In-charge) /Sports Officer**

Dharmendra Singh Dhakad

**Junior Assistant**

The function of the Hindi cell is to promote and propagate the use of Hindi Language in administrative works of the Institution as per the rules and regulations made by the Department of Official Language in the institute. Example:-

- Implementation of Official Language policy, Official Language Act, 1963 and Rules made thereunder, administrative directions in respect of use of Hindi in the Department.
- Departmental Official Language Implementation Committee, and matters related to other bodies in respect of use and propagation of Hindi, organizing Hindi workshops and matters related to inspection of Department of Expenditure by the Committee of Parliament on Official Language and action taken on suggestions of/ assurances to the Committee.
- Matters related to various Hindi trainings such as Hindi Language, Hindi Typing/Hindi Stenography training.
- Matters related to attached/subordinate offices of the Department regarding progressive use of Hindi.
- Any matter related to coordination of Hindi in the various Divisions of the Department including letters received from Members of Parliament and Parliament Questions.
- Quarterly Progress Reports and Annual Assessment Report in respect of use of Hindi.
- Implementation of various incentive schemes to promote use of Hindi.
- Organizing various competitions on the occasion of Hindi Day/Fortnight and distribution of awards.
- Hindi conferences/workshops organized for Officers/Employees.
- Translation from English to Hindi and vice versa.
- To monitor progress in achieving targets fixed in Annual Programme issued by the Department of Official Language.
- Celebrate Hindi Pakhwada 2021 and its related activities.

## 5.9 LIBRARY

Prof. Dr. Sanjukta Bhaduri

**Chairperson**

Prof. Dr. Ranjana Mital

**Chairperson** (upto 31.07.2021)

Narendra Singh Dhama

**Library & Information Officer**

Hargian Singh

**Sr. Library & Information Assistant**

Pramod Nabor

**Library & Information Assistant**

The Library of the School continued to play an important role in the documentation and dissemination of knowledge and information in the areas of planning and architecture and allied fields. The Library of the School has been acting as a crucial resource center to meet the information needs of its users, including students, faculty, visiting faculty, research scholars, staff of the School and visitors of other institutions/universities. Library is equipped with computer and electronic facilities such as online resources to support teaching, learning and research activities of the School.

The School maintains well-stocked libraries in both Planning and Architecture campuses. Together these libraries are arguably one of the richest storehouses of books/documents in the fields of planning and architecture in the entire Asian region. During the period under report 115 books, 693 theses, 146 dissertations were added in the library.

The library has subscription to electronic databases such as JSTOR, Sage Urban Planning Studies, Bloomsbury Architecture Library, Indiatat and South Asia Archives. Besides the electronic databases library also have subscription to some custom collection of 55 e-journals of various publishers. The other resources such as National Digital Library and the Institute for Studies in Industrial Development (ISID) are also available online. For convenience of users, off-campus remote access facility has been provided to access the online resources.

Online Public Access Catalogue (OPAC) is available on intranet and can be searched from anywhere within the campus. The OPAC facilitates browsing and searching the databases of books, thesis/dissertation reports, new additions in the library and members check-out details. The members of the library has been provided single bar-coded identity-cum-library card for borrowing books from the library.

Moreover, to update the members library brings out a monthly list of new additions and also provides current awareness services such as contents of the current periodicals and relevant information from the newspaper dailies and are made available electronically. Library is member of the Developing Library Network (DELNET). This has given the facility of access to massive collection of union catalogue of books of member libraries and other online resources. It has also strengthened the Inter-Library Loan (ILL) and resource sharing activities in meeting the needs of users related to books, articles etc. through Developing Library Network. Photocopying facility is available in the library of the School.

## 5.10 WORKSHOP AND MATERIALS TESTING & SURVEYING LABORATORY

As part of the academic activities at Undergraduate and Postgraduate levels of various Department of Studies, Material testing and Surveying Laboratory has been established in order to impart practical learning to undergraduate and postgraduate students in the relevant field. Students of different departments of studies visit the Lab regularly as per their academic programme and for other research works. The intent of the lab is to make students conversant with the behavior of structural material like bricks, concrete, timber, steel, etc. under different loading conditions as well as to assess the Quality of a building unit, thus it caters the need of research/ consultancy. The laboratory is equipped with both Destructive/Non-destructive test equipment's like, Universal Testing machine (UTM400kN Capacity, GDRmake), Compression Testing Machine (CTM 2000 kN Capacity, GDR make). Both the Machines are Interfaced with Computer. Similarly, Non-destructive test equipment's like Digital Ultrasonic Concrete Tester (UPV), Rebound Hammer are available in the Lab. Double acting Hydraulic Jacks for pre-stressing is available in the Lab.

Laboratory is equipped with latest modern Surveying equipment like Electronic Total Station, Theodolite, Auto level & Dumpy level apart from other conventional equipment for Chain Surveying, Plain Table Surveying.

Equipment's are also available for Testing of Fresh Concrete like Concrete Mixer, Vibrating Table, Needle Vibrator and Cement Mortar Vibrator etc. for mixing & compaction of cement/ concrete in the Lab. A no. of C.I. moulds like Cubes, Cylinders, Beams, etc. are available for the Students. These moulds are used for casting of concrete by the students with different mix proportions and with different admixtures. Other testing equipment's for carrying out test of Cement/Concrete like, slump test for workability of concrete, compaction fact or test, Vicat Apparatus for consistency/ setting time of cement, etc. to study the physical properties of Cement/Concrete are available in the lab. Also Structural models are being prepared by the students and tested under different loading conditions. The procurement of other latest equipment like loading frame, LVDT, Load Cell, Data Logger and Non-destructive Testing equipment's like Rebar Locator, Core cutter etc. are under process. The lab is being upgraded regularly in order to introduce the Instruments in Lab ,based upon the latest technology. Mr. Piyush Kant Jain is heading the Lab.

## 5.11 SPORTS ACTIVITIES

Dr. Bharati Vats  
**Sports Officer**

Sports are an integral part of student life at SPA, New Delhi inspite of modest sports facilities and infrastructure. The Students are encouraged to make best use of available infrastructure. The School offers sports facilities for basketball, badminton, volleyball, garden gym, table tennis and billiards. Sports activities such as cycling city tours inter-class matches of improvised cricket and fuzzleball are encouraged. The gym facility at the Maharani Bagh was revamped and expanded a couple of years back. The Department of sports Activities as part of annual sports meet 'ATHLOS' was organised. The event is held in the month of October. Students from all departments come together and participate in friendly competition in different sporting activities namely badminton, table tennis, volleyball, chess, carrom, pool, football, cricket, kho-kho and athletics. Required arrangements are made in the Maharani Bagh hostel courtyard and staff lawns for the activities. Chilla Sports Complex for cricket and Commonwealth Games Village are used for football and athletics. Athlos acts as a platform for students to discover and showcase their talents in the sports field. New players are identified every year during Athlos who are passionate about and dedicated towards the irrespective sports. Annual sports meet of the staff members of the school in the first week of January was also organised. However, due to COVID-19 pandemic the events were not held during the academic year 2020-21.

Other/sports organized in the year included :

- Celebrated International Yoga Day - 2022 with different yoga activities and competitions.
- To promote and propagate Yoga and it's benefits, in our Institution Y-Break, Namaste Yoga and M-Break were launched.
- Organized Workshop on "healthy life style and Yoga".
- Due to Covid – 19 situation we were short of Sports of equipment's, new and advance Sports equipment has been purchased for School's use.







**6.**

## **ADMINISTRATION**



## 6.1 ADMINISTRATIVE STAFF IN THE SCHOOL

S.No.	Name	Designation
1.	Shri Umakant Agarwal	Registrar
2.	Shri Virendra Kumar	Dy. Registrar
3.	Smt. Jagjeet Kaur	Assistant Registrar
4.	Shri Anuj Bhardwaj	Assistant Registrar
5.	Shri Girish Kumar	Assistant Registrar
6.	Shri N.S. Dhama	Library & Information Officer
7.	Dr. Ashok Kumar	Library & Information Officer (on Lien)
8.	Dr. Bharati Vats	Sports Officer
9.	Shri Piyush Kant Jain	T.O. (Lab)
10.	Shri Kishori Lal	Section Officer
11.	Shri Pratap Singh Rawat	Section Officer
12.	Shri Dhireder K. Agnihotri	Section Officer
13.	Shri Ashok Kumar Sharma	Section Officer( Ad-hoc)
14.	Shri Surinder Kumar	Asstt. Engineer (Civil)
15.	Shri Shanti Swaroop	Jr. System Analyst
16.	Shri Jagdish Kumar	Jr. System Analyst (On Deputation)
17.	Shri Abhishek Jain	Jr. System Analyst
18.	Smt. Renu Anand	Sr. Personal Assistant
19.	Shri Sanjeev Joshia	Sr. Personal Assistant
20.	Shri Patras Toppo	Sr. Assistant
21.	Smt. Veena Yadav	Sr. Assistant
22.	Shri Ashwani Kumar Chadha	Sr. Assistant
23.	Smt. Renu Sharma*	Sr. Assistant
24.	Shri Ajay Kumar Sharma	Sr. Assistant
25.	Smt. Shakuntala Batra	Sr. Assistant
26.	Shri Manohar Lal	Sr. Assistant
27.	Smt. Kiran Punia	Sr. Assistant
28.	Shri Padam Singh Kaim**	Sr. Assistant
29.	Shri Sushil Khandelwal***	A.V. Assistant
30.	Shri Vinod Kumar	Asstt. Photographer
31.	Shri Hargian Singh	Sr. Library & Info. Assistant
32.	Shri Kamal Kumar Arora	P.A.
33.	Shri Paras	P.A.

34.	Shri Rahul Dikshit	Stenographer
35.	Shri Syed Ahmad Ali Rizvi	Stenographer
36.	Ms. Pooja Negi	Stenographer
37.	Shri Gaurav Singh Rawat	Stenographer
38.	Shri Lavlin Dixit	Assistant
39.	Smt. Poonam	Assistant
40.	Shri Kamal Kishore Tuteja	Assistant
41.	Shri Hari ram**	Assistant
42.	Shri Vijay Asnani	Assistant
43.	Shri T. Pramod Nabor	Library & Info. Assistant
44.	Shri Joby Mathew	Driver Gd- II (Ad-hoc )
45.	Shri Chaman Singh	Driver
46.	Shri Sushil Kumar	Mechanic
47.	Shri Rahul Sharma	Jr. Assistant
48.	Shri Ankur Pal	Jr. Assistant
49.	Ms. Mahak Moriya	Jr. Assistant
50.	Ms. Vunglal Muang	Jr. Assistant
51.	Shri Varun Bansal	Jr. Assistant
52.	Shri Sunil Messey	Jr. Assistant
53.	Shri Ravinder Singh	Jr. Assistant
54.	Shri Himanshu Kumar	Jr. Assistant
55.	Ms. Anika Bharadwaj	Jr. Assistant
56.	Shri Sanjeev Kumar	Jr. Assistant
57.	Shri Deepak Suhag	Jr. Assistant
58.	Shri Laxmi Singh Bhardwaj	Jr. Assistant
59.	Ms. Khushboo	Jr. Assistant
60.	Shri Dharmendra Singh Dhakad	Jr. Assistant
61.	Shri Jatin Kumar Bhadana	Jr. Assistant
62.	Shri Abhishek Tiwari	Jr. Assistant
63.	Shri Mohan Singh Patwal	Jr. Assistant (Ad-hoc)
64.	Shri Nand Kishore	Jr. Assistant (Ad-hoc)
65.	Shri Roshan Lal	Jr. Assistant (Ad-hoc)
66.	Shri Harender Singh Bisht	Jr. Assistant (Ad-hoc)
67.	Shri Manik Rao	Jr. Assistant (Ad-hoc)
68.	Shri Mayank Mishra	Hindi Typist

69.	Shri Rakesh Kumar	Jr. Technical Asstt. (Ad-hoc)
70.	Shri Om Prakash S/o RC	Caretaker (Ad-hoc)
71.	Shri Satya Kumar	Caretaker (Ad-hoc)
72.	Shri Bhagwan Singh Rawat	Electrician-cum-Plumber (Ad-hoc)
73.	Shri Sher Singh Meena	MTS
74.	Shri Vinay Kumar	MTS
75.	Shri Shyam Sunder Mehto	MTS
76.	Shri Kuldip Kumar	MTS
77.	Shri Surinder Kumar	MTS
78.	Shri Shiv Singh Bisht	MTS
79.	Shri Sukhram Pal	MTS
80.	Shri Sunil Kumar, S/o Chuara Singh	MTS
81.	Shri Ishwar Chand	MTS
82.	Smt. Rekha Devi	MTS
83.	Shri Pappu Singh	MTS
84.	Shri Sunil Kumar, S/o Dharam Pal	MTS
85.	Shri Mukesh Kumar S/o Tarachand	MTS
86.	Shri Dinanath Prasad	MTS
87.	Shri Kanwal Kumar Raheja	MTS
88.	Shri Soban Singh Bisht	MTS
89.	Shri Ram Singh Bani	MTS
90.	Shri Suresh Kumar	MTS
91.	Shri Rajender	MTS
92.	Shri Ram Bati	MTS
93.	Smt. Kusum	MTS
94.	Shri Arjun Singh	MTS
95.	Shri Ramesh	MTS
96.	Shri Govind Ballabh Joshi	MTS
97.	Shri Gaje Singh****	MTS
98.	Shri Ravinder Bhardwaj	MTS
99.	Smt. Bishambri	MTS
100	Shri Mukesh Kumar S/o Pusan	MTS

101	Shri Amar Singh Rawat	MTS
102	Shri Anil Kumar Mishra	MTS
103	Shri Sushil Lakra	MTS

\* Retired on 31.10.2021

\*\* Retired on 31.03.2022

\*\*\* Retired on 31.05.2021

\*\*\*\* Retired on 27.03.2022







**7.**

**STUDENTS AND STAFF  
ACCOMMODATION**



## 7.1 STUDENT HOSTELS

School of Planning and Architecture, New Delhi has three hostels distributed across two campuses. The campus at ITO has a hostel for girls houses first year undergraduate and postgraduate girl students. Girl's hostel at Maharani Bagh houses remaining undergraduate girl students and boys hostel houses all the boys of the school irrespective of their years and courses. All the hostels were shut down from the 17 March 2020 due to the COVID-19 pandemic after instructions from the competent authorities of the school complying with the GoI directives. The hostel reopened on the 7 March 2022 after the COVID-19 lockdown in a phased manner with strict adherence to COVID protocols laid down by the GoI.

In the year 2021-22 the ITO girls hostel accommodated about 87 girl students and the Maharani Bagh girls hostel about 66 students. The Maharani Bagh boys hostel housed around 173 students.

Hostel accommodation of the school is very limited and is offered only to outstation students based on the availability of seats and in accordance with the hostel rules framed by the school from time to time.

The sports infrastructure in the hostel is modest with courtyards and outdoor green being the major activity hub used for multiple games like basketball, badminton, fuzzleball and courtyard cricket. Volley-ball, table tennis, snooker and gym facilities are also available for the students. Inter-batch tournaments for both formal and non-formal sports are a regular feature in the evenings which sees large number of hostellers participating.

Regular campaigns were run in the hostels with an objective to educate and sensitise the students on various issues like hygiene, fire safety, electricity conservation, waste segregation, water conservation etc.

Apart from these there were a number of initiatives taken at the community level by the hostellers on the weekends which include tree plantation drive, awareness programs on garbage and waste management, teaching the under privileged children in the nearby in formal settlements etc.

The student community is very well knit and come across as a cohesive unit with students reaching out and ready to help each other at all times. Guided mentorship programs under the supervision of the wardens are a regular feature.

Medical rooms with basic facilities are available in both the hostels along with appointed doctors, who apart from their fixed visiting hours are available on call round the clock.

The Hostels are a cauldron of all the cultures across India with almost all the major cultural festivals being celebrated with equal festivity and fervor. Cultural events, functions and community lunches and dinners are organized by the student community at regular intervals in the Hostel which enhances bonding and harps community feeling amongst them.





The display consists of several posters, each with a title and content:

- Top Left Poster:** Titled "Sustainable Urban Planning", it features a map of a city with green spaces and a central area highlighted in yellow.
- Top Middle Poster:** Titled "Water Resource Management", it shows a diagram of a water cycle with various components labeled.
- Top Right Poster:** Titled "Urban Design", it displays a 3D architectural rendering of a building complex.
- Middle Left Poster:** Titled "Sustainable Urban Planning", it shows a map of a city with green spaces and a central area highlighted in yellow.
- Middle Middle Poster:** Titled "Water Resource Management", it shows a diagram of a water cycle with various components labeled.
- Middle Right Poster:** Titled "Urban Design", it displays a 3D architectural rendering of a building complex.
- Bottom Left Poster:** Titled "Sustainable Urban Planning", it shows a map of a city with green spaces and a central area highlighted in yellow.
- Bottom Middle Poster:** Titled "Water Resource Management", it shows a diagram of a water cycle with various components labeled.
- Bottom Right Poster:** Titled "Urban Design", it displays a 3D architectural rendering of a building complex.





**8.**

**FINANCE**



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
BALANCE SHEET AS ON 31-03-2022**

(Amount Rs.)

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	54,88,48,720	44,71,57,863
DESIGNATED/ EARMARKED/ENDOWMENT FUNDS	2	23,93,582	17,47,938
CURRENT LIABILITIES AND PROVISIONS	3	25,16,74,195	20,42,24,269
<b>TOTAL</b>		<b>80,29,16,498</b>	<b>65,31,30,070</b>

APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
FIXED ASSETS	4		
Tangible Assets	4A	131,270,730	13,12,70,730
Capital Work in Progress	4B	13,079,255	1,30,79,255
INTANGIBLE ASSETES	4C		
INVESTMENTS-FROM EARMARKED/ ENDOWMENT FUNDS	5	20,38,713	2,70,06,200
INVESTMENTS-OTHERS	6	38,60,26,404	17,82,70,829
CURRENT ASSETS	7	20,47,46,449	24,39,34,970
LOANS, ADVANCES AND DEPOSITS	8	6,72,45,356	5,95,68,086
<b>TOTAL</b>		<b>80,29,16,498</b>	<b>65,31,30,070</b>

SIGNIFICANT ACCOUNTING POLICIES 19  
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 20

**Compiled on the basis of books of accounts Produced before us.**

For MAHALWALA & CO.

CHARTERED ACCOUNTANTS

FRN No: 005823N

Sd/-

CA FARHAT MIYAN  
PARTNER  
UDIN : 22544904AMUZX6228

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO  
DIRECTOR

PLACE: NEW DELHI  
DATE: 31/05/2022

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31-03-2022**

PARTICULARS	Schedules	Amount in Rupees	
		Current Year	Previous Year
<b>INCOME</b>			
ACADEMIC RECEIPTS	9	12,53,72,797	10,73,74,571
GRANTS/SUBSIDIES	10	52,80,00,000	54,57,00,000
INTEREST EARNED	11	1,63,71,113	1,00,84,696
OTHER INCOME	12	1,64,44,034	82,84,483
<b>TOTAL (A)</b>		<b>68,61,87,944</b>	<b>67,14,43,750</b>
<b>EXPENDITURE</b>			
STAFF PAYMENTS AND BENEFITS (ESTABLISHMENT EXPENSES)	13	43,99,15,948	37,82,61,274
ACADEMIC EXPENSES	14	4,90,41,191	5,55,10,947
ADMINISTRATIVE AND GENERAL EXPENSES	15	6,63,65,294	8,07,59,279
TRANSPORTATION EXPENSES	16	2,35,045	52,887
REPAIR & MAINTENANCE	17	1,13,03,031	58,53,046
DEPRECIATION	4	57,50,843	-
OTHER EXPENSES	18	1,41,43,834	1,17,05,008
<b>TOTAL (B)</b>		<b>58,67,55,185</b>	<b>53,21,42,441</b>
<b>BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A-B)</b>		9,94,32,758	13,93,01,309
TRANSFER TO/FROM DESIGNATED FUND			-
BUILDING FUND			
OTHERS (SPECIFY)			
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CAPITAL FUND</b>		<b>9,94,32,758</b>	<b>13,93,01,309</b>
SIGNIFICANT ACCOUNTING POLICIES	19		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	20		

Compiled on the basis of books of accounts Produced before us.

For MAHALWALA & CO.  
**CHARTERED ACCOUNTANTS**

FRN No: 005823N

Sd/-

CA FARHAT MIYAN  
 PARTNER  
 UDIN : 22544904AMUZF6228

Sd/-

GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-

VIRENDRA KUMAR  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-

UMAKANT AGARWAL  
 REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO  
 DIRECTOR

PLACE: NEW DELHI  
 DATE: 31/05/2022

# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI

## SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022

SCHEDULE 1 - CORPUS/CAPITAL FUND		Amount in Rupees	
A) Corpus Fund	Current Year	Previous Year	
Balance as at the beginning of the year	44,71,57,863	1,66,99,502	
Add: Contributions towards Corpus Fund			
Add: Grants from UGC, Government of India and State Government to the extent utilized for capital expenditure			
Add: Assets Purchased out of Earmarked Funds			
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution			
Add: Assets Donated/Gifts Received			
Add: Other Additions	-		
Add: Excess of income over expenditure transferred from the Income & Expenditure Account	9,94,32,758	13,93,01,309	
Less: Other Deduction	(9,65,235)		
(Deduct) Deficit transferred from the Income and Expenditure Account			
<b>Balance at the Year End</b>			
Add: Transferred from Reserve & Surplus Account	-	2,54,34,170	
Add: Transferred from Fixed Assets fund	-	26,40,00,392	
Transfer from Consultancy Fund	25,71,657	14,72,640	
Transfer from DASA Fees	6,51,677	2,49,850	
<b>Total A</b>	<b>54,88,48,720</b>	<b>44,71,57,863</b>	
<b>B) Reserves and Surplus</b>			
Balance as at the beginning of the year	-	2,54,34,170	
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	-	-	
Less: Transferred to Corpus fund	-	(2,54,34,170)	
<b>Total B</b>	<b>-</b>	<b>-</b>	
<b>GRAND TOTAL (A+B)</b>	<b>54,88,48,720</b>	<b>44,71,57,863</b>	

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

Particulars	Fund Wise Breakup		Amount in Rupees	
	Fixed Asset & Building Fund	Endowment Fund (Schedule-2A)	Current Year	Previous Year
<b>A</b>				
a) Opening balance of the funds	-	17,47,938	17,47,938	27,10,61,413
b) Additions during the year:				
1) Income from Investments made on account of funds	-	69,661	69,661	82,014
2) Addition of New Fund				
i) Gifted Capital	-	6,00,000	6,00,000	1,525
ii) Capital Expenditure - Non Recurring				
<b>Total (A)</b>	-	<b>24,17,599</b>	<b>24,17,599</b>	<b>27,11,44,952</b>
<b>B</b>				
Utilisation/Expenditure towards objectives of funds				
i. Capital Expenditure- depreciation	-		-	53,04,402
ii. Revenue Expenditure		24,017	24,017	92,220
iii Transferred to Corpus fund A/c	-	-	-	26,40,00,392
<b>Total (B)</b>	-	<b>24,017</b>	<b>24,017</b>	<b>26,93,97,014</b>
<b>Closing Balance at the year end (A - B)</b>	-	<b>23,93,582</b>	<b>23,93,582</b>	<b>17,47,938</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

S.No.	Name of the Endowment	Opening Balance		Addition during the year		Total		Expenditure on the object during the year		Closing Balance		Total
		Endowment	Accumulated Interest	Endowment	Interest	Endowment	Accumulated Interest	Endowment	Accumulated Interest	Endowment	Accumulated Interest	
1	Abhijit De Design Award	2,54,410	-	-	14,047	2,54,410	-	2,68,457	-	2,68,457	-	
2	J.K. Chaudhary Fund Trust	2,05,581	-	-	17,136	2,22,717	-	2,22,717	-	2,22,717	-	
3	Krishna Saini Gold Medal	48,720	-	-	3,712	52,432	-	52,432	-	52,432	-	
4	Late. Prof. R.C.Gupta Endowment Fund Award	-	-	1,50,000	-	1,50,000	-	1,50,000	-	1,50,000	-	
5	L.R. Vagle	68,833	-	-	3,665	72,498	-	72,498	-	72,498	-	
6	M.R. Aghihotri Fund	98,636	-	-	1,465	1,00,101	-	1,00,101	-	1,00,101	-	
7	N.S. Saini Gold Medal	98,385	-	-	-	98,385	-	98,385	6,004	92,381	-	
8	Narendra Juneja Memorial Award	1,58,328	-	-	5,864	1,64,192	-	1,58,188	6,004	1,58,188	-	
9	N.M. Chatterji Endowment Fund	-	-	1,50,000	-	1,50,000	-	1,50,000	-	1,50,000	-	
10	Nomi Bose Endowment	(6,377)	-	-	255	(6,122)	-	(6,122)	-	(6,122)	-	
11	P.C. Jain Alumni Gold Medal	1,97,910	-	-	-	1,97,910	-	1,91,906	6,004	1,91,906	-	
12	Prof R P Mishra Memorial Gold Medal Award	-	-	3,00,000	-	3,00,000	-	3,00,000	-	3,00,000	-	
13	Prof. S.K. Narayana Gold Medal	1,27,194	-	-	7,332	1,34,526	-	1,34,526	-	1,34,526	-	
14	Prof. T.J. Manickam Memorial Award	(64,487)	-	-	4,399	(60,088)	-	(60,088)	-	(60,088)	-	
15	Setur Anamma Award	2,056	-	-	-	2,056	-	2,056	-	2,056	-	
16	Shreya Anand Gold Medal A/c.	90,894	-	-	7,332	98,226	-	98,226	6,004	92,222	-	
17	Siddharth Khitoliya Award	2,93,234	-	-	-	2,93,234	-	2,93,234	-	2,93,234	-	
18	Subash Paranjape Memorial Award	28,591	-	-	644	29,235	-	29,235	-	29,235	-	
19	Vandana Goel Gold Medal Fund	1,43,745	-	-	2,931	1,46,676	-	1,46,676	-	1,46,676	-	
20	Ved Prakash Saini Memorial Award	2,285	-	-	879	3,164	-	3,164	-	3,164	-	
	<b>Total</b>	<b>17,47,938</b>		<b>6,00,000</b>	<b>69,661</b>	<b>24,17,599</b>		<b>24,17,599</b>	<b>24,017</b>	<b>23,93,582</b>		

Amount in Rupees

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022

Particulars		Current Year		Previous Year		Amount in Rupees
		School	Consultancy Fund	School	Consultancy Fund	
<b>A. CURRENT LIABILITIES</b>						
1	Deposits from staff	13,96,792	-	13,96,792	-	14,21,592
2	Security Deposits from students	3,54,45,888	-	3,54,45,888	-	3,28,52,390
3	Student Association fees	3,22,82,382	-	3,22,82,382	-	2,71,93,347
4	Sundry Creditors	-	-	-	-	-
	a) For Goods and Services	17,00,281	-	17,00,281	-	16,29,740
	b) Others Creditors	2,65,011	-	2,65,011	-	2,65,011
5	Deposits-Others (Including EMD, Security Deposit)	-	-	-	-	-
	a) Deduction from Salary	44,15,333	-	44,15,333	-	48,38,555
	b) Earnest Money Deposit/Security Deposit	48,65,910	-	48,65,910	-	47,87,400
6	Statutory Liabilities	-	-	-	-	-
	a) Overdue	2,70,785	-	2,70,785	-	2,30,105
	b) Others Liability	38,63,978	-	38,63,978	-	29,40,834
7	Other Current Liabilities	-	-	-	-	-
	a) Salaries	1,30,56,430	-	1,30,56,430	-	97,61,217
	b) Sponsored projects	2,12,88,924	-	2,12,88,924	-	1,72,78,558
	c) Sponsored fellowship & Scholarships	88,74,894	-	88,74,894	-	55,97,844
	d) Other Liabilities	40,88,851	-	40,88,851	-	4,70,198
	e) Payable to consultancy project subsidiary accounts	-	7,32,55,023	7,32,55,023	4,35,08,382	4,35,08,382
	f) Outstanding Expenses	-	-	-	-	-
	Academic Expense	-	-	-	-	-
	Administrative Expense	5,000	-	5,000	-	1,42,10,118
	Establishment Expense	-	-	-	-	-
	Concerned Departments / PDF	-	2,10,60,192	2,10,60,192	1,53,20,021	1,53,20,021
	g) Stale Cheques	67,48,049	-	67,48,049	-	33,66,895
	h) Leave Salary Contribution	7,37,859	-	7,37,859	-	11,73,740
	i) Pension Contribution	23,52,919	-	23,52,919	-	21,54,919
	j) Pension Payable	62,33,941	-	62,33,941	-	55,66,704
	k) Amount Payable to GPF/CPF	87,67,430	-	87,67,430	-	77,69,874
	l) Amount Payable to NPS	3,13,231	-	3,13,231	-	3,13,231
	m) CSAB Counselling Center	60,248	-	60,248	-	96,748
	n) Fees Refundable	3,24,844	-	3,24,844	-	34,625
	o) Amount payable to Consultancy Cell	-	-	-	-	14,42,221
	Suspense	-	-	-	-	-
	<b>Total (A)</b>	<b>15,73,58,980</b>	<b>9,43,15,215</b>	<b>25,16,74,195</b>	<b>5,88,28,404</b>	<b>20,42,24,269</b>
<b>B. PROVISIONS</b>						
1	For Taxation	-	-	-	-	-
2	Gratuity	-	-	-	-	-
3	Superannuation Pension	-	-	-	-	-
4	Accumulated Leave Encashment	-	-	-	-	-
5	Trade Warranties/Claims	-	-	-	-	-
6	Other (specify)	-	-	-	-	-
	<b>Total (B)</b>	-	-	-	-	-
	<b>Total (A+B)</b>	-	-	-	-	-

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR



# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022

## SCHEDULE 3(a) - SPONSORED PROJECTS

S. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance		Amount in Rupees
		Credit	Debit				Credit	Debit	
1	Framework for Effective People	41,780	-	-	41,780	-	41,780	-	-
2	<b>Ministry of Education</b>								
(a)	Development of a National Urban Transportation System	21,597	-	-	21,597	-	21,597	-	-
(b)	Development of Remote Sensing & Photogrammetry	3,678	-	-	3,678	-	3,678	-	-
(c)	Natural Hazard Mitigation in the Earth Quake Prone Himalayas	68,151	-	-	68,151	-	68,151	-	-
(d)	Energy Conservation Settlements & Building through Design	8,636	-	-	8,636	-	8,636	-	-
(e)	Heritage Information Laboratory for Part Conservation Process in the Potential World Areas	49,822	-	-	49,822	-	49,822	-	-
(f)	Capacity Building for the Informal Sector in Municipal Solid Water Management - MHRD	2,57,714	-	-	2,57,714	-	2,57,714	-	-
3	<b>Ministry of Environment and Forest</b>								
(a)	Eco-System Band Dev. For carrying Capacity of Hill Resort Towns	23,872	-	-	23,872	-	23,872	-	-
(b)	ENVIS Centre for Human Settlement	5,05,033	-	35,63,044	40,68,077	30,21,586	10,46,491	-	-
(c)	Sustainable Development Network Program (India)	404	-	-	404	-	404	-	-
4	<b>Ministry of Non-Conventional Energy Resources</b>								
(a)	Software Development	84,984	-	-	84,984	-	84,984	-	-
5	<b>AICTE</b>								
(a)	Strengthening of Remote Sensing Laboratory	37,304	-	-	37,304	-	37,304	-	-
(b)	Sustainable for Rural Development Evolving a Model for Variable Habitat in Selected Agroclimatic	55,443	-	-	55,443	-	55,443	-	-
(c)	Carrier Award for Young Teachers	354	-	-	354	-	354	-	-
(d)	Quality Improvement Programme	2,10,962	-	2,68,500	4,79,462	1,80,000	2,99,462	-	-
6	<b>FORD FOUNDATION</b>								
(a)	UNESCO: 19th & 20th Century in Arch. Conservation in India	400	-	-	400	-	400	-	-
7	<b>UNESCO: 19th &amp; 20th Century in Arch. Conservation in India</b>								
(a)	Manual on District Planning	40,880	-	-	40,880	-	40,880	-	-
8	<b>Department of Science and Technology</b>								
(a)	Manual on District Planning	27,658	-	-	27,658	-	27,658	-	-
(b)	NCR Probe - DST Project	44,769	-	-	44,769	37,613	7,156	-	-
9	<b>Ministry of Home Affairs</b>								
(a)	National Programme for Capacity Bldg. Arch. in Earthquake Risk Mgmt.	12,26,813	-	-	12,26,813	-	12,26,813	-	-
10	<b>SJSRY Grant</b>								
(a)	M/UD - Alter-Approches to Master Plan	-	52,505	52,505	-	-	-	-	-
11	<b>Fire Safety in Environment Project</b>								
(a)	Fire Safety in Environment Project	187	-	-	187	-	187	-	-
12	<b>Ministry of Social Welfare</b>								
(a)	Chance 2 sustain	1,00,000	-	-	1,00,000	-	1,00,000	-	-
13	<b>DICDU Project</b>								
(a)	Chance 2 sustain	1,70,603	-	-	1,70,603	-	1,70,603	-	-
14	<b>Kalpa &amp; Sangia Project</b>								
(a)	Chance 2 sustain	23,48,805	-	-	23,48,805	-	23,48,805	-	-
15	<b>Rajiv Avas Yojna</b>								
(a)	Chance 2 sustain	-	11,116	-	(11,116)	380	-	11,496	-
16	<b>Curaj Design Project (Rajasthan University)</b>								
(a)	Curaj Design Project (Rajasthan University)	57,616	-	-	57,616	-	57,616	-	-
17	<b>N.R.C. Project</b>								
(a)	N.R.C. Project	3,96,503	-	-	3,96,503	-	3,96,503	-	-
18	<b>SINP Project</b>								
(a)	SINP Project	50,000	-	-	50,000	-	50,000	-	-
19	<b>I.C.H.R Project</b>								
(a)	I.C.H.R Project	1,33,732	-	-	1,33,732	-	1,33,732	-	-
20	<b>SPA DIC Ministry of Education Project (now (DIC MHRD))</b>								
(a)	SPA DIC Ministry of Education Project (now (DIC MHRD))	-	1,80,144	2,278	(1,80,144)	-	-	-	1,80,144
21	<b>I.C.H.R Project</b>								
(a)	I.C.H.R Project	76,72,825	-	62,32,244	1,39,05,069	34,93,751	1,04,11,318	-	1,02,555
22	<b>Rajasthan Rurban Project</b>								
(a)	Rajasthan Rurban Project	174	-	-	174	-	174	-	-
23	<b>Kerala Rurban Project</b>								
(a)	Kerala Rurban Project	1,96,807	-	2,45,879	4,42,686	4,35,003	7,683	-	-
24	<b>Kerala Rurban Project</b>								
(a)	Kerala Rurban Project	3,59,251	-	67,285	4,26,536	4,10,000	16,536	-	-

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

S. No.	Name of the Project	Opening Balance		Receipts/ Recoveries during the year	Total	Expenditure during the year	Closing Balance	
		Credit	Debit				Credit	Debit
26	<b>E Pathshala Project</b>							
	(a) E Pathshala Project (Urban Design)	-	-	-	-	-	-	-
	(b) E Pathshala Project (Planning)	5,000	-	-	5,000	-	5,000	-
27	<b>BMTPC Project</b>	10,000	-	-	10,000	-	10,000	-
28	<b>GIAN Project</b>	1,61,438	-	-	1,61,438	-	1,61,438	-
29	<b>NTPC Project</b>	4,24,639	-	-	4,24,639	-	4,24,639	-
30	<b>AIMS Project</b>	2,00,000	-	-	2,00,000	-	2,00,000	-
31	<b>ICSSR India Project</b>	-	74,110	4,15,058	3,40,948	2,29,227	1,11,721	2,000
32	<b>Green Campus Project</b>	-	2,000	-	(2,000)	-	-	-
33	<b>MOOC's Project</b>	6,957	-	3,562	10,519	26,240	-	15,721
34	<b>ARPIT Project</b>	-	1,73,758	1,40,000	(33,758)	-	-	33,758
35	<b>Urban Transformation Project</b>	4,06,574	-	16,34,630	20,41,204	11,43,166	8,98,038	-
36	<b>UGC UKleri</b>	8,89,374	-	49,431	9,38,805	70,220	8,68,585	-
37	<b>Climtrans</b>	38,869	-	5,04,660	5,43,530	2,37,798	3,05,732	-
38	<b>Slum Developers</b>	3,372	-	-	3,372	-	3,372	-
39	<b>RICS Research Trust Project</b>	75,993	-	-	75,993	-	75,993	-
40	<b>UKRI Water</b>	8,59,584	-	56,68,644	65,28,228	64,47,911	80,317	-
41	<b>NIUA Programme</b>	-	-	4,47,852	4,47,852	1,33,519	3,14,333	-
42	<b>Disaster Resilient Healthcare Infrastructure</b>	-	-	1,50,000	1,50,000	-	1,50,000	-
43	<b>Central Road Research Institute</b>	-	-	6,84,000	6,84,000	-	6,84,000	-
	<b>Total</b>	<b>1,72,78,558</b>	<b>5,98,466</b>	<b>2,01,29,572</b>	<b>3,68,09,664</b>	<b>1,58,66,414</b>	<b>2,12,88,924</b>	<b>3,45,674</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022

S. No		DESCRIPTION	Rate of Dep.	GROSS BLOCK			DEPRECIATION			NET BLOCK			
				Cost/valuation As at beginning of the year	Addition during the year	Deductions during the year	Cost/valuation at the year-end	As at the beginning of the year	During the year	Deductions during the year	Total up to the year-end	As at the Current year-end	As at the Previous year-end
<b>A TANGIBLE ASSETS</b>													
<b>a Land</b>													
1		Land (Leasehold)	0%	2,01,97,098	-	-	2,01,97,098	-	-	-	2,01,97,098	2,01,97,098	2,01,97,098
		<b>Total (a)</b>		<b>2,01,97,098</b>	<b>-</b>	<b>-</b>	<b>2,01,97,098</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,01,97,098</b>	<b>2,01,97,098</b>	<b>2,01,97,098</b>
<b>b Building</b>													
1		Planning	2%	5,77,91,944	-	-	5,77,91,944	1,90,71,447	11,55,839	-	2,02,27,286	3,75,64,658	3,87,20,497
2		Architecture	2%	2,95,62,831	-	-	2,95,62,831	82,09,485	5,91,257	-	88,00,742	2,07,62,089	2,13,53,346
3		M.B. Complex	2%	6,33,70,287	-	-	6,33,70,287	2,95,77,120	12,67,406	-	3,08,44,526	3,25,25,761	3,37,93,167
		<b>Total (b)</b>		<b>15,07,25,062</b>	<b>-</b>	<b>-</b>	<b>15,07,25,062</b>	<b>5,68,58,052</b>	<b>30,14,501</b>	<b>-</b>	<b>5,98,72,553</b>	<b>9,08,52,509</b>	<b>9,38,67,010</b>
<b>c Fixed Assets</b>													
1		Office Equipment	7.5%	5,79,41,382	15,59,952	-	5,95,01,334	5,25,82,643	5,18,902	-	5,31,01,545	63,99,789	53,58,739
2		Computer Peripherals	20%	12,83,63,724	23,07,237	-	13,06,70,961	12,42,35,065	12,87,179	-	12,55,22,244	51,48,717	41,28,659
3		Furniture/Fixture/Fitting	7.5%	3,53,94,635	11,34,055	-	3,65,28,690	3,38,33,885	2,02,110	-	3,40,35,995	24,92,695	15,60,750
4		Vehicles	10%	26,64,921	1,597	53,941	26,12,577	26,15,280	-	-	26,15,280	-	49,641
5		Library Books & Journals	10%	6,00,98,356	10,64,745	26,168	6,11,36,933	5,40,78,410	7,05,852	-	5,47,84,262	63,52,671	60,19,946
6		Gifted Books of Journals	10%	1,50,036	-	-	1,50,036	1,08,054	15,004	-	1,23,058	26,978	41,982
7		Consultancy Fixed Asset	10%	72,944	-	-	72,944	26,039	7,294	-	33,333	39,611	46,905
		<b>Total (c)</b>		<b>28,46,85,988</b>	<b>60,67,586</b>	<b>80,109</b>	<b>29,06,73,475</b>	<b>26,74,79,376</b>	<b>27,36,341</b>	<b>-</b>	<b>27,02,15,717</b>	<b>2,04,57,758</b>	<b>1,72,06,622</b>
		<b>Grand Total (A+B+C)</b>		<b>45,56,08,158</b>	<b>60,67,586</b>	<b>80,109</b>	<b>46,15,95,635</b>	<b>32,43,37,428</b>	<b>57,50,843</b>	<b>-</b>	<b>33,00,86,271</b>	<b>13,15,07,364</b>	<b>13,12,70,730</b>
<b>B CAPITAL WORK IN PROGRESS</b>													
		Development of Vasant Kunj (W.I.P.)	0%	1,30,79,255	41,300	17,68,344	1,13,52,211	-	-	-	-	1,13,52,211	1,30,79,255
		<b>Total (B)</b>		<b>1,30,79,255</b>	<b>41,300</b>	<b>17,68,344</b>	<b>1,13,52,211</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,13,52,211</b>	<b>1,30,79,255</b>
<b>C INTANGIBLE ASSETS</b>													
		Computer Software	40%	-	-	-	-	-	-	-	-	-	-
		E-Journals	40%	-	-	-	-	-	-	-	-	-	-
		Patents	-	-	-	-	-	-	-	-	-	-	-
		<b>Total (C)</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
		<b>Grand Total (A+B+C)</b>		<b>46,86,87,413</b>	<b>61,08,886</b>	<b>18,48,453</b>	<b>47,29,47,846</b>	<b>32,43,37,428</b>	<b>57,50,843</b>	<b>-</b>	<b>33,00,86,271</b>	<b>14,28,59,575</b>	<b>14,43,49,985</b>
		Previous Year		<b>46,22,65,229</b>	<b>64,56,470</b>	<b>34,286</b>	<b>46,86,87,413</b>	<b>31,90,33,026</b>	<b>53,04,402</b>	<b>-</b>	<b>32,43,37,428</b>	<b>14,43,49,985</b>	<b>14,32,32,203</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

Particulars		FUND-WISE BREAK UP			Amount in Rupees	
		Current Year			Previous Year	
		Endowment Fund	Consultancy Fund	Total	Total	
1	In Central Government Securities	-	-	-	-	-
2	In State Government Securities	-	-	-	-	-
3	Other approved Securities	-	-	-	-	-
4	Shares	-	-	-	-	-
5	Debentures and Bonds	-	-	-	-	-
6	Terms Deposits with Banks	-	-	-	-	-
7	Others - Investments	20,38,713	-	20,38,713	2,70,06,200	2,70,06,200
<b>Total</b>		<b>20,38,713</b>	<b>-</b>	<b>20,38,713</b>	<b>2,70,06,200</b>	<b>2,70,06,200</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

Particulars		Amount in Rupees		
		Current Year		Previous Year
	School	Consultancy Fund	Total	Total
1 In Central Government Securities	-	-	-	-
2 In State Government Securities	-	-	-	-
3 Other approved Securities	-	-	-	-
4 Shares	-	-	-	-
5 Debentures and Bonds	-	-	-	-
6 Investments - Others	35,98,20,939	2,62,05,465	38,60,26,404	17,82,70,829
<b>Total</b>	<b>35,98,20,939</b>	<b>2,62,05,465</b>	<b>38,60,26,404</b>	<b>17,82,70,829</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

	Particulars	Current Year		(Amount Rs.)		
		School	Consultancy Fund	Total	Previous Year	
					Total	
<b>1. Stocks</b>						
	a) Stores and Spares	-	-	-	-	-
	b) Loose Tools	-	-	-	-	-
	c) Publications	-	-	-	-	-
	d) Stationery	-	-	-	-	-
<b>2. Sundry Debtors</b>						
	a) Debts Outstanding for a period exceeding six months	-	-	-	-	-
	b) Others	-	-	-	-	-
<b>3. Cash and Bank Balances</b>						
	a) Imprest	2,40,527	-	2,40,527	-	1,91,698
	b) Cash Balance in hand	-	-	-	-	-
<b>Bank Balances:</b>						
	a) With Scheduled Banks:					
	-Saving Accounts	13,71,36,895	6,04,15,014	19,75,51,909		23,21,73,736
	-Foreign Currency Account	69,54,013	-	69,54,013		1,15,69,535
	b) With non-scheduled Banks:					
	-On Deposit Accounts	-	-	-	-	-
	-On Saving Accounts	-	-	-	-	-
<b>4. Post Office-Savings Accounts</b>						
	-Postage in Hand	-	-	-	-	-
	<b>Total</b>	<b>14,43,31,435</b>	<b>6,04,15,014</b>	<b>20,47,46,449</b>		<b>24,39,34,970</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

		Particulars			Current Year			Previous Year
					School	Consultancy Fund	Total	Total
<b>SCHEDULE 8 - LOANS, ADVANCES AND DEPOSITS</b>								
<b>1. Advances to Employees : (Non Interest Bearing)</b>								
a)	Salary	-	-	-	-	-	-	-
b)	Festival	2,03,636	-	2,03,636	-	2,03,636	2,03,636	2,03,636
c)	Bicycle Advance	67,800	-	67,800	-	67,800	67,800	67,800
d)	LTC Advance	(53,122)	-	(53,122)	-	(53,122)	(1,73,668)	(1,73,668)
e)	T A Advance	72,56,094	-	72,56,094	-	72,56,094	95,46,440	95,46,440
<b>2. Long Term Advances to Employees : (Interest Bearing)</b>								
a)	Vehicle Loan	54,750	-	54,750	-	54,750	54,750	54,750
b)	Home Loan	2,77,480	-	2,77,480	-	2,77,480	2,77,480	2,77,480
c)	Others	40,820	-	40,820	-	40,820	46,820	46,820
	Computer Advance							
	Conveyance Advance							
	Fan Advance	3,550	-	3,550	-	3,550	3,550	3,550
<b>3. Advances and other amounts recoverable in cash or in kind or for value to be received</b>								
a)	On Capital Account	-	-	-	-	-	-	-
b)	To Suppliers	-	-	-	-	-	-	-
c)	Advances and other recoverables of Consultancy Cell	-	76,21,792	76,21,792	-	76,21,792	43,89,611	43,89,611
d)	Departmental Advance	3,43,23,778	-	3,43,23,778	-	3,43,23,778	3,99,01,811	3,99,01,811
e)	Other	63,41,184	-	63,41,184	-	63,41,184	-	-
-	Amount Recoverable From DASA	-	-	-	-	-	4,99,700	4,99,700
-	Other Funds	-	-	-	-	-	3,38,225	3,38,225
<b>4. Prepaid Expenses</b>								
a)	Insurance	-	-	-	-	-	-	-
b)	Other Expenses	-	-	-	-	-	-	-
c)	On Loans & Advances	-	-	-	-	-	-	-

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2022**

Particulars	Current Year		Previous Year Total
	School	Consultancy Fund	
5. Deposits			
a) Telephone	38,582	-	38,582
b) Lease Rent	2,00,000	-	2,00,000
c) Electricity	24,750	-	24,750
6. Income Accrued			
a) On Investments from Earmarked/Endowment Funds	87,242	-	87,242
b) On Investments - Others	78,55,102	-	78,55,102
c) On Loans & Advances	-	-	-
d) TDS Receivable	19,95,286	-	19,95,285
7. Other- Current assets receivable from UGC/Sponsored Projects			
a) Debit balances in Sponsored Projects	3,45,674	-	3,45,674
b) Debit balances in Sponsored Fellowships & Scholarships	56,287	-	56,287
c) Grant Receivable	-	-	-
d) SPA fees receivable	95,204	-	95,204
8. Claims Receivable			
a) Research Projects	2,16,447	-	2,16,447
b) Others Receivables	1,93,021	-	1,93,021
<b>Total</b>	<b>5,96,23,565</b>	<b>76,21,792</b>	<b>6,72,45,356</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

**SCHEDULE 9 - ACADEMIC RECEIPTS**

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Total	Total	
<b>FEES FROM STUDENTS</b>					
<b>Academic</b>					
Tuition Fee	8,63,61,709	-	8,63,61,709	-	7,28,81,345
Admission Fee	42,26,479	-	42,26,479	-	30,42,671
Enrolment Fee	21,70,000	-	21,70,000	-	23,91,000
Academic Support Fees	1,16,91,000	-	1,16,91,000	-	98,82,650
Registration Fee	12,25,500	-	12,25,500	-	10,18,000
Games Fees	6,75,500	-	6,75,500	-	6,69,700
Self Financing Fees	1,80,42,650	-	1,80,42,650	-	1,65,96,412
Electricity & Water Charges (Hostel)	-	-	-	-	2,236
Readmission Fees	-	-	-	-	28,000
<b>Total (A)</b>	<b>12,43,92,838</b>	-	<b>12,43,92,838</b>	-	<b>10,65,12,014</b>
<b>Examinations</b>					
Marksheet, Certificate Fees	-	-	-	-	1,14,500
Entrance Examination Fees	-	-	-	-	-
<b>Total (B)</b>	-	-	-	-	<b>1,14,500</b>
<b>Other Fees</b>					
Fine and Loss Charges	89,191	-	89,191	-	1,63,167
Migration Cert./ Degree Vrf./ Transcript/ Convocation	8,90,769	-	8,90,769	-	5,72,500
<b>Total (C)</b>	<b>9,79,960</b>	-	<b>9,79,960</b>	-	<b>7,35,667</b>
<b>Sale of Publications</b>					
Sale of Journals/Tender forms	-	-	-	-	12,389
<b>Total (D)</b>	-	-	-	-	<b>12,389</b>
<b>GRAND TOTAL (A+B+C+D)</b>	<b>12,53,72,797</b>	-	<b>12,53,72,797</b>	-	<b>10,73,74,571</b>

Sd/-

**GIRISH KUMAR**  
**ASSISTANT REGISTRAR**  
**(A&B)**

Sd/-

**VIRENDRA KUMAR**  
**DEPUTY REGISTRAR**  
**(A&B)**

Sd/-

**UMAKANT AGARWAL**  
**REGISTRAR**

Sd/-

**PROF. DR. P.S.N. RAO**  
**DIRECTOR**

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
Balance B/F	-	-	-	-	-
Add : Receipts during the year	52,80,00,000	-	54,57,00,000	-	54,57,00,000
<b>Total</b>	<b>52,80,00,000</b>	-	<b>54,57,00,000</b>	-	<b>54,57,00,000</b>
Less : Refund to UGC	-	-	-	-	-
Balance	52,80,00,000	-	54,57,00,000	-	54,57,00,000
Less: Utilised for Capital Expenditure (A)	-	-	-	-	-
<b>Balances</b>	<b>52,80,00,000</b>	-	<b>54,57,00,000</b>	-	<b>54,57,00,000</b>
Less: Utilised for Revenue Expenditure (B)	52,80,00,000	-	54,57,00,000	-	54,57,00,000
<b>Balance C/F (C)</b>	-	-	-	-	-

Sd/-  
 GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
 VIRENDRA KUMAR  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. DR. P.S.N. RAO  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars		Current Year			Previous Year		Total
		Recurring	Non Recurring	Total	Recurring	Non Recurring	
1	Interest on Deposit in Saving Bank Account	17,99,200	-	17,99,200	1,00,09,482	-	1,00,09,482
2	Interest on Deposit in FDR	1,44,88,448	-	1,44,88,448	-	-	-
3	On Loans						
	- Employees/Staff	60,374	-	60,374	75,214	-	75,214
	- Others	23,091	-	23,091	-	-	-
	<b>Total</b>	<b>1,63,71,113</b>	<b>-</b>	<b>1,63,71,113</b>	<b>1,00,84,696</b>	<b>-</b>	<b>1,00,84,696</b>

(Amount Rs.)

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars		Current Year		Previous Year		Total
		Recurring	Non Recurring	Recurring	Non Recurring	
<b>A. Income from Land and Building</b>						
1	Hostel Room Rent	42,44,022	-	42,44,022	(3,842)	(3,842)
2	Canteen Rent	-	-	-	15,105	15,105
3	Guest Room Rent	68,587	-	68,587	10,715	10,715
4	Rent from Others	-	-	-	-	-
5	Licence Fees	4,76,400	-	4,76,400	3,20,090	3,20,090
6	Electricity Charges recovered	8,51,469	-	8,51,469	8,35,560	8,35,560
7	Water Charges recovered	56,512	-	56,512	32,245	32,245
	<b>Total (A)</b>	<b>56,96,990</b>	<b>-</b>	<b>56,96,990</b>	<b>12,09,873</b>	<b>12,09,873</b>
<b>B. Others</b>						
1	Income from Consultancy	1,01,86,630	-	1,01,86,630	58,90,562	58,90,562
2	RTI Fees	100	-	100	120	120
3	Income from Royalty	-	-	-	-	-
4	Sale of Application Form (Recruitment)	5,000	-	5,000	5,58,823	5,58,823
5	Misc Receipts (Sale of Tender Form)	6,084	-	6,084	-	-
6	Profit (Loss) on Sale/Disposal of Assets	(3,907)	-	(3,907)	-	-
7	Grants/Donations from Institutions, Welfare Bodies	-	-	-	-	-
8	Others	-	-	-	-	-
-	Income Tax Refund	-	-	-	2,521	2,521
-	Miscellaneous	1,997	-	1,997	50,062	50,062
-	Miscellaneous Recovery	3,26,961	-	3,26,961	77,522	77,522
-	Stale Cheques Written off	-	-	-	-	-
-	Penalty and Rebate Income	2,24,179	-	2,24,179	-	-
-	Workshop/Seminar	-	-	-	4,95,000	4,95,000
	<b>Total (B)</b>	<b>1,07,47,044</b>	<b>-</b>	<b>1,07,47,044</b>	<b>70,74,610</b>	<b>70,74,610</b>
	<b>Grand Total (A+B)</b>	<b>1,64,44,034</b>	<b>-</b>	<b>1,64,44,034</b>	<b>82,84,483</b>	<b>82,84,483</b>

Sd/-

**GIRISH KUMAR**  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

**VIRENDRA KUMAR**  
DEPUTY REGISTRAR  
(A&B)

Sd/-

**UMAKANT AGARWAL**  
REGISTRAR

Sd/-

**PROF. DR. P.S.N. RAO**  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total		Total		
Salaries and Wages	15,73,42,474	-	15,08,67,285	-	15,08,67,285
Allowances & Bonus	8,40,80,802	-	6,04,44,170	-	6,04,44,170
Contribution to GPF/CPF and MPS	1,16,82,844	-	79,91,800	-	79,91,800
Retirement and Terminal Benefits	11,41,75,386	-	8,86,13,447	-	8,86,13,447
Medical Facility	67,93,369	-	85,56,850	-	85,56,850
Honorarium	97,77,278	-	32,76,785	-	32,76,785
Personal Development Allowance	51,11,129	-	49,03,355	-	49,03,355
Other					
CGHS Contribution	18,18,758	-	19,71,246	-	19,71,246
DA Arrears	-	-	-	-	-
<b>Pay of Part Time Officers (Visiting Faculty)</b>	<b>4,90,43,200</b>	<b>-</b>	<b>4,01,32,290</b>	<b>-</b>	<b>4,01,32,290</b>
Conveyance reimbursement to Visiting Faculty	90,708	-	24,33,500	-	24,33,500
Interest on GPF CPF	-	-	90,70,546	-	90,70,546
<b>Total</b>	<b>43,99,15,948</b>	<b>-</b>	<b>37,82,61,274</b>	<b>-</b>	<b>37,82,61,274</b>

(Amount Rs.)

Sd/-	Sd/-	Sd/-	
GIRISH KUMAR ASSISTANT REGISTRAR (A&B)	VIRENDRA KUMAR DEPUTY REGISTRAR (A&B)	UMAKANT AGARWAL REGISTRAR	PROF. DR. P.S.N. RAO DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Total	Total	
a) Expenses on Seminar/ Workshops	81,481	-	81,481	-	3,40,820
b) Remuneration to Paper Setter	-	-	-	-	-
c) Convocation Expenses	4,25,627	-	4,25,627	-	8,65,772
d) Stipend/means-cum-merit scholarship	4,84,97,783	-	4,84,97,783	-	5,42,13,967
e) Others					
- Prizes and Medals	36,300	-	36,300	-	90,388
- Exhibition/Foundation Day	-	-	-	-	-
<b>Total</b>	<b>4,90,41,191</b>	<b>-</b>	<b>4,90,41,191</b>	<b>-</b>	<b>5,55,10,947</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars	Current Year		Previous Year		(Amount Rs.)
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Total	Total	
<b>A. Infrastructure</b>					
(a) Electricity and Power	77,25,494	-	77,25,494	-	79,35,310
(b) Water Charges	60,17,989	-	60,17,989	-	58,75,791
(c) Rent, Rates and Taxes					
- Property Tax	49,33,949	-	49,33,949	-	79,43,548
(d) MSW Charges	(60,298)	-	(60,298)	-	1,19,239
<b>B. Communication</b>					
(e) Postage Charges	74,953	-	74,953	-	65,559
(f) Telephone, Fax and Internet Charges	2,35,179	-	2,35,179	-	2,02,848
<b>C. Others</b>					
(g) Printing, Photocopy & Stationary	22,04,673	-	22,04,673	-	17,08,481
(h) Travelling and Conveyance Expenses	4,10,676	-	4,10,676	-	12,21,014
(i) Professional and Legal Charges	16,27,026	-	16,27,026	-	22,87,231
(j) Advertisement and Publicity	5,85,090	-	5,85,090	-	27,44,191
(k) Magazines & Journals	67,643	-	67,643	-	92,519
(l) Others					
- Bank Charges	37,574	-	37,574	-	62,045
- Audit Fees	2,99,800	-	2,99,800	-	1,25,600
- Consumables Articles for Audio Visuals/Lab	3,272	-	3,272	-	1,977
- Liveries	-	-	-	-	74,030
- Membership Fees	5,91,215	-	5,91,215	-	4,46,099
- Other Contingent Charges	9,49,434	-	9,49,434	-	9,58,997
- Refreshment Charges	3,62,728	-	3,62,728	-	3,02,813
- Manpower & Security Agencies	3,99,33,408	-	3,99,33,408	-	4,80,07,958
- Participation of Staff in International Conference	-	-	-	-	-
- Other Administrative Expenses	3,65,489	-	3,65,489	-	5,84,029
<b>Total</b>	<b>6,63,65,294</b>	<b>-</b>	<b>6,63,65,294</b>	<b>-</b>	<b>8,07,59,279</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars		Current Year		Previous Year		(Amount Rs.)
		Recurring	Non Recurring	Recurring	Non Recurring	
1	Vehicles (owned by institution)					
a)	Running Expenses	1,12,498	-	-	-	-
b)	Repair and Maintenance	1,11,714	-	52,887	-	52,887
c)	Insurance expenses	10,833	-	-	-	-
2	Vehicles taken on rent/lease					
a)	Rent/lease expenses	-	-	-	-	-
3	Vehicle (Taxi) hiring expenses					
	<b>Total</b>	<b>2,35,045</b>	<b>-</b>	<b>52,887</b>	<b>-</b>	<b>52,887</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

Particulars		Current Year		Total	Previous Year		Total
		Recurring	Non Recurring		Recurring	Non Recurring	
a) Building	74,54,403	-	74,54,403	17,60,218	-	17,60,218	
b) Furniture and Fixtures	87,907	-	87,907	1,763	-	1,763	
c) Electrical Goods	2,65,401	-	2,65,401	3,30,632	-	3,30,632	
d) Repair and Maintenance of Office Equipment	15,70,337	-	15,70,337	18,62,168	-	18,62,168	
e) Computers	16,19,288	-	16,19,288	15,29,358	-	15,29,358	
f) Cleaning Material & Services	2,88,880	-	2,88,880	3,22,738	-	3,22,738	
g) Book Binding Charges	16,815	-	16,815	13,419	-	13,419	
h) Gardening	-	-	0	32,750	-	32,750	
<b>Total</b>	<b>1,13,03,031</b>	<b>-</b>	<b>1,13,03,031</b>	<b>58,53,046</b>	<b>-</b>	<b>58,53,046</b>	

(Amount Rs.)

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**VIRENDRA KUMAR**  
 DEPUTY REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. DR. P.S.N. RAO**  
 DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2022**

**SCHEDULE 18 - OTHER EXPENSES**

(Amount Rs.)

Particulars	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	a) Subsidy to SPA Mess	1,38,07,186	-	1,38,07,186	1,15,00,000	-
b) Other Expense						
- Sanitary Goods	3,36,648	-	3,36,648	2,05,008	-	2,05,008
- Sports Goods	-	-	-	-	-	-
<b>Total</b>	<b>1,41,43,834</b>	<b>-</b>	<b>1,41,43,834</b>	<b>1,17,05,008</b>	<b>-</b>	<b>1,17,05,008</b>

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO  
DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
RECEIPT AND PAYMENT FOR THE PERIOD 01.04.2021 TO 31.03.2022**

		RECEIPTS		PAYMENTS		(Amount Rs.)	
		CURRENT YEAR	PREVIOUS YEAR			CURRENT YEAR	PREVIOUS YEAR
I	Opening Balance			I	Expenses		
	a) Cash-in-hand	-	-		Establishment Expenses	8,96,42,101	7,01,70,178
	b) Bank Balances				Academic Expenses	4,88,56,483	5,25,37,016
	Saving Bank Accounts	23,21,73,736	8,91,69,231		Administrative Expenses	3,60,54,937	2,41,36,221
	Foreign Exchange Account	1,15,69,535	1,15,74,687		Transportation Expenses	2,13,173	-
	Postage in hand	-	-		Repair & Maintenance Expenses	43,19,800	34,05,007
II	Grants Received				Prior Period Expenses	-	-
	a) From Government of India				Payment Against Earmarked/Endowment Fund	31,500	-
	Grant Received-Ministry of Education	52,80,00,000	54,57,00,000	II	Payment Against Sponsored Project / Schemes	1,54,84,498	2,44,92,072
	Grants Received-Ministry of Education (Capital Grant)	-	-	III	Payments against Sponsored Fellowships/Scholarships	3,73,850	-
III	Academic Receipts			IV	Investments and deposits made	-	14,41,076
	Academic Receipts-Fees and Subscription	12,76,57,297	10,97,64,491		a) Out of Earmarked/Endowment funds	-	-
IV	Receipts against Earmarked /Endowment Fund	6,31,500	1,525		b) Out of Own Funds (Investments - Others)	20,00,00,000	-
V	Receipts against Sponsored Projects/ Schemes	1,79,92,072	2,51,78,737	VI	Term Deposit With Scheduled Banks	-	-
VI	Receipts against Sponsored Fellowships & Scholarship	1,62,89,572	1,67,95,075	VII	Expenditure on Fixed Assets & Capital Work in Progress	51,94,781	41,07,254
VII	Income on Fixed Assets				a) Purchase of Fixed Assets	-	-
	Sale of Fixed Assets	17,94,512	34,286		b) Expenditure on Capital Work in Progress	-	-
VIII	Interest Received on			VIII	Other Payments Including Statutory Payments	10,60,50,653	-
	Interest Received-On Bank Deposits (Saving)	25,09,829	12,09,394	IX	Refunds of Grants	-	-
	On Bank Deposits (FDR)	-	-	X	Deposit and Advances	1,36,20,018	1,41,71,053
	Interest on Advance	-	17,500	XI	Other Payments	32,39,39,355	37,71,13,962
	Interest On Endowment Fund	-	-	XII	Closing Balances	-	-
IX	Term Deposits with Scheduled Banks Encashed	2,54,65,234	-		a) Cash in hand	-	-
X	Other Income (Including Prior Period Income)						
XI	Deposits & Advances	2,19,14,612	38,76,760				
XII	Misc Receipt (Including Statutory Receipt)	4,28,91,703	73,63,202				
XIII	Any other receipts	1,93,97,469	46,32,222				



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2022**

		(Amount Rs.)			
LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
<b>G.P.F. Fund</b>			<b>INVESTMENTS</b>		
Opening Balance	24,00,31,767	20,33,50,220	Fixed Deposit Scheme (GPF and CPF)	18,25,79,965	16,06,93,797
<b>Additions:</b>			Interest Accrued on Fixed Deposits	44,68,911	34,92,517
G.P.F. Subscription	3,32,12,500	3,60,84,500	Advance recoverable from GPF	13,85,935	13,85,935
G.P.F. Advance	18,08,794	15,03,969	Amount Recoverable from SPA	87,21,395	77,69,874
G.P.F. Interest	1,64,95,944	1,53,20,813	TDS Receivable	14,90,441	17,02,495
<b>Deductions:</b>			<b>Special Deposit Scheme:</b>		
Full & Final Payments/Withdrawals by staff	5,65,84,423	1,62,27,735	G.P. Fund	1,49,00,720	1,49,00,720
Adjustments of Reverse Entries			C.P. Fund	-	-
Transfer to Interest Reserve account	23,49,64,582	24,00,31,767	<b>Bank Balance</b>	26,97,620	3,63,44,002
<b>Closing balance of GPF Fund</b>			G.P. Fund Account	45,64,833	40,88,712
	22,84,055	1,11,49,326	Allahabad Bank Account	1,27,90,150	1,19,37,770
<b>C.P.F. Fund</b>					
Opening Balance	1,85,564	5,34,875			
<b>Additions:</b>					
C.P.F. Subscription	1,85,564	8,33,063			
C.P.F. Contribution	-	-			
C.P.F. Advance	15,767	1,64,852			
<b>C.P.F. Interest:</b>					
Contribution	15,767	2,73,633			
Subscription	-	62,56,867			
<b>Deductions:</b>					
C.P.F. Subscription	-	44,14,827			
C.P.F. Contribution	26,86,717	22,84,055			
Transfer to Interest Reserve account	-	(42,02,045)			
<b>Interest Reserve Account</b>					
Opening Balance	-	-			
<b>Additions:</b>					
Transfer from CPF	-	-			
Transfer from GPF	-	-			

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2022**

(Amount Rs.)

LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
Less: Deficit over income	(40,51,329)	(48,68,501)			
Add: Shortfall of interest recoverable from School	-	90,70,546			
<b>Closing Balance</b>	<b>(40,51,329)</b>	<b>-</b>			
<b>Total</b>	<b>23,35,99,970</b>	<b>24,23,15,823</b>	<b>Total</b>	<b>23,35,99,970</b>	<b>24,23,15,823</b>

**Compiled on the basis of books of accounts Produced before us.**

**For MAHALWALA & CO.**

**CHARTERED ACCOUNTANTS**

FRN No: 005823N

Sd/-

CA FARHAT MIYAN  
PARTNER

UDIN : 22544904AMUZFX6228

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO  
DIRECTOR

PLACE: NEW DELHI  
DATE: 31/05/2022

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
INCOME & EXPENDITURE ACCOUNT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE  
YEAR ENDING 31.03.2022**

		(Amount Rs.)			
EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR	PREVIOUS YEAR
Interest Credited to			Interest earned on Fixed Deposits	1,17,40,842	1,00,99,429
GPF Account	1,64,95,944	1,53,20,813	Interest received on Saving Bank	7,35,506	7,92,551
CPF Account	31,534	4,38,485			
Bank Charges	199	1,183			
Excess of Income over Expenditure	(40,51,329)	(48,68,501)			
<b>Total</b>	<b>1,24,76,348</b>	<b>1,08,91,980</b>	<b>Total</b>	<b>1,24,76,348</b>	<b>1,08,91,980</b>

Compiled on the basis of books of accounts Produced before us.

For MAHALWALA & CO.

CHARTERED ACCOUNTANTS

FRN No: 005823N

Sd/-

CA FARHAT MIYAN  
PARTNER  
UDIN : 22544904AMUZX6228

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO  
DIRECTOR

PLACE: NEW DELHI  
DATE: 31/05/2022

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD**  
**01.04.2021 TO 31.03.2022**

S.NO.		RECEIPTS	CURRENT YEAR		PREVIOUS YEAR		S. NO.	PAYMENTS	CURRENT YEAR		PREVIOUS YEAR		
I.		<b>Opening Balance</b>					I.						
		G.P. Fund	4,82,81,772	5,23,70,483	2,51,61,816	2,55,85,286				5,40,86,423		1,53,56,651	
		C.P. Fund	40,88,711		4,23,470							62,56,867	
		G.P. Fund Subscription	3,32,12,500	3,32,12,500	3,60,84,500	3,60,84,500							
		G.P. Fund Interest										1,06,71,695	
		C.P. Fund Subscription	1,85,564		5,07,618	5,71,594							
II.		C.P. Fund Contribution	1,85,564	3,71,128	65,976								
		G.P. Fund Advance		18,08,794		15,03,969				24,98,000		8,71,084	
		<b>C.P. Fund Interest</b>											
III.		(I) Contribution					III.			2,50,00,000			
		(II) Subscription											
		<b>Encashment of FDR's/Special Deposit Schemes</b>											
IV.		G.P. Fund	95,64,600	95,64,600	42,87,201	42,87,201							
		C.P. Fund											
		Amount payable to SPA								199		1,183	
V.		CPE					V.			1,54,87,770		4,82,81,772	
		GSSIS									45,64,833		40,88,711
		<b>Interest on FDRs/ Saving Bank Account</b>											
VI.		G.P. Fund	20,56,183	21,61,200	17,60,066	18,00,601							
		C.P. Fund	1,05,017		40,535								



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD  
01.04.2021 TO 31.03.2022**

S.NO.	RECEIPTS	CURRENT YEAR		PREVIOUS YEAR	S.NO.	PAYMENTS	CURRENT YEAR		PREVIOUS YEAR	(Amount Rs.)
VII.	Interest on Special Deposit Scheme			2,87,870						
	G.P. Fund	21,48,520		-						
	C.P. Fund	-		2,87,870						
	<b>Total</b>		10,16,37,225			<b>Total</b>		10,16,37,225		7,92,71,096

Compiled on the basis of books of accounts Produced before us.

**For MAHALWALA & CO.  
CHARTERED ACCOUNTANTS**

FRN No: 005823N

Sd/-  
CA FARHAT MIYAN  
PARTNER  
UDIN : 22544904AMUZF6228

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. DR. P.S.N. RAO  
DIRECTOR

PLACE: NEW DELHI  
DATE: 31/05/2022

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
STATUS OF FDR's AS ON 31st March, 2022**

Sl No	Name of the Bank	FDR No./A/C No.	Rate of Interest	Period of FDR's	Date of Issue	Amount(in Rs)	Value of Maturity	Date of Maturity	Accrued Interest
1	Allahabad Bank	50510464813	4.95%	12 Months	10/01/2022	1,33,21,100.00	1,39,92,836.00	10/01/2023	1,44,524.81
2	Allahabad Bank	50510863363	4.95%	12 Months	12/01/2022	1,33,21,155.00	1,39,92,894.00	12/01/2023	1,40,912.27
3	Allahabad Bank	50510893842	4.95%	12 Months	13/01/2022	1,33,21,183.00	1,39,92,923.00	13/01/2023	1,39,106.00
4	Allahabad Bank	50511035588	4.95%	12 Months	14/01/2022	1,33,21,209.00	1,39,92,950.00	14/01/2023	1,37,299.69
5	Allahabad Bank	50511286102	4.95%	12 Months	15/01/2022	1,33,21,239.00	1,39,92,982.00	15/01/2023	1,35,493.42
6	Allahabad Bank	50511564034	4.95%	12 Months	16/01/2022	1,33,21,265.00	1,39,93,009.00	16/01/2023	1,33,687.11
7	Allahabad Bank	50542045840	4.95%	12 Months	25/01/2022	1,33,19,506.00	1,39,91,161.00	25/01/2023	1,17,412.36
8	Allahabad Bank	50511885741	4.95%	12 Months	17/01/2022	1,33,21,294.00	1,39,93,040.00	17/01/2023	1,31,880.81
9	Allahabad Bank	50512034720	4.95%	12 Months	18/01/2022	1,33,21,321.00	1,39,93,068.00	18/01/2023	1,30,074.49
10	Allahabad Bank	50512739345	4.95%	12 Months	23/01/2022	1,33,21,460.00	1,39,93,214.00	23/01/2023	1,21,042.80
11	Allahabad Bank	50512908509	4.95%	12 Months	24/01/2022	1,32,88,553.00	1,39,58,648.00	24/01/2023	1,18,941.65
12	Allahabad Bank	50513432630	4.95%	12 Months	30/01/2022	1,33,21,654.00	1,39,93,418.00	30/01/2023	1,08,398.12
<b>Total</b>						<b>15,98,20,939.00</b>			<b>15,58,773.53</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
STATUS OF FDR's AS ON 31st March, 2022**

SI No	Name of the Bank	FDR NO.	Rate of Interest	Period of FDR's	Date of Issue	Amount(in Rs)	Value of Maturity	Date of Maturity	Accrued Interest
1	BANK OF INDIA	603045110008633	5.25%	1 YEAR	07/05/2021	1,00,00,000.00	1,05,35,427.00	07/05/2022	4,71,780.82
2	BANK OF INDIA	603045110008635	5.25%	1 YEAR	11/05/2021	1,00,00,000.00	1,05,35,427.00	11/05/2022	4,66,027.40
3	BANK OF INDIA	603045110008636	5.25%	1 YEAR	12/05/2021	1,00,00,000.00	1,05,35,427.00	12/05/2022	4,64,589.04
4	BANK OF INDIA	603045110008637	5.25%	1 YEAR	15/05/2021	1,00,00,000.00	1,05,35,427.00	15/05/2022	4,60,273.97
5	BANK OF INDIA	603045110008639	5.25%	1 YEAR	18/05/2021	1,00,00,000.00	1,05,35,427.00	18/05/2022	4,55,958.90
6	BANK OF INDIA	603045110008645	5.25%	1 YEAR	19/05/2021	1,00,00,000.00	1,05,35,427.00	19/05/2022	4,54,520.55
7	BANK OF INDIA	603045110008646	5.25%	1 YEAR	20/05/2021	1,00,00,000.00	1,05,35,427.00	20/05/2022	4,53,082.19
8	BANK OF INDIA	603045110008648	5.25%	1 YEAR	21/05/2021	1,00,00,000.00	1,05,35,427.00	21/05/2022	4,51,643.84
9	BANK OF INDIA	603045110008649	5.25%	1 YEAR	24/05/2021	1,00,00,000.00	1,05,35,427.00	24/05/2022	4,47,328.77
10	BANK OF INDIA	603045110008651	5.25%	1 YEAR	25/05/2021	1,00,00,000.00	1,05,35,427.00	25/05/2022	4,45,890.41
11	BANK OF INDIA	603045110008680	5.25%	1 YEAR	18/06/2021	1,00,00,000.00	1,05,35,427.00	18/06/2022	4,11,369.86
12	BANK OF INDIA	603045110008683	5.25%	1 YEAR	21/06/2021	1,00,00,000.00	1,05,35,427.00	21/06/2022	4,07,054.79
13	BANK OF INDIA	603045110008685	5.25%	1 YEAR	23/06/2021	1,00,00,000.00	1,05,35,427.00	23/06/2022	4,04,178.08
17	BANK OF INDIA	603045110008856	5.00%	1 YEAR	16/11/2021	1,00,00,000.00	1,05,09,453.00	16/11/2022	1,84,931.51
18	BANK OF INDIA	603045110008859	5.00%	1 YEAR	17/11/2021	1,00,00,000.00	1,05,09,453.00	17/11/2022	1,83,561.64
19	UCO BANK	18200310142011	5.10%	1 YEAR	09/03/2022	1,00,00,000.00	1,05,19,837.00	09/03/2023	30,739.73
20	UCO BANK	18200310142110	5.10%	1 YEAR	10/03/2022	1,00,00,000.00	1,05,19,837.00	10/03/2023	29,342.47
21	UCO BANK	18200310142172	5.10%	1 YEAR	11/03/2022	1,00,00,000.00	1,05,19,837.00	11/03/2023	27,945.21
22	UCO BANK	18200310142226	5.10%	1 YEAR	14/03/2022	1,00,00,000.00	1,05,19,837.00	14/03/2023	23,753.42
23	UCO BANK	18200310142295	5.10%	1 YEAR	15/03/2022	1,00,00,000.00	1,05,19,837.00	15/03/2023	22,356.16
<b>Total</b>						<b>20,00,00,000.00</b>			<b>62,96,328.77</b>
<b>Grand Total</b>						<b>35,98,20,939.00</b>			<b>78,55,102.30</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
STATUS OF Endowment FDR's AS ON 31st March, 2022**

SL. NO.	NAME OF THE BANK	FDR No./A/C No.	Name of Account	Rate of Interest	Period	Date of Issue	AMOUNT	MATURITY AMT	DATE OF MATURITY	INTT.-ACRD.
1	UCO BANK	18200310062524	J.K. Choudhary Endowment Fund	4.90%	12 months	13/04/2021	3,03,717.00	3,18,875.00	13/04/2022	14,352.08
2	Allahabad Bank	50491028230	Narendra Juneja Endowment Fund	5.00%	1 Year	11/06/2021	44,811.00	47,094.00	11/06/2022	1,798.58
3	Allahabad Bank	50491112394	Narendra Juneja Endowment Fund	5.00%	1 Year	11/06/2021	74,695.00	78,500.00	11/06/2022	2,998.03
4	Allahabad Bank	50491025002	Shreya Anand Endowment Fund	5.00%	1 Year	11/06/2021	1,49,379.00	1,56,989.00	11/06/2022	5,995.62
5	Allahabad Bank	50491024778	Ved Prakash Memorial Scholarship	5.00%	1 Year	11/06/2021	17,923.00	18,836.00	11/06/2022	719.38
6	Allahabad Bank	50490963898	Vandana Goyal Endowment Fund	5.00%	1 Year	11/06/2021	44,811.00	47,094.00	11/06/2022	1,798.58
7	Allahabad Bank	50490963876	Vandana Goyal Gold Medal	5.00%	1 Year	11/06/2021	14,934.00	15,695.00	11/06/2022	599.41
8	Allahabad Bank	50490961948	Nomi Bose Memorial Award	5.00%	1 Year	11/06/2021	5,224.00	5,490.00	11/06/2022	209.68
9	Allahabad Bank	50491112430	M.R. Agnihotri Endowment Fund	5.00%	1 Year	11/06/2021	29,875.00	31,397.00	11/06/2022	1,199.09
10	Allahabad Bank	50491112441	T.J. Manikam Memorial Award	5.00%	1 Year	11/06/2021	89,637.00	94,204.00	11/06/2022	3,597.76
11	Allahabad Bank	50491112418	S.K. Narayana Endowment Fund	5.00%	1 Year	11/06/2021	1,49,393.00	1,57,004.00	11/06/2022	5,996.18
12	Allahabad Bank	50491112407	L.R. Vagale & Gouramma Vag	5.00%	1 Year	11/06/2021	74,695.00	78,500.00	11/06/2022	2,998.03
13	Allahabad Bank	50491028161	Subhash Paranjape Memorial Award	5.00%	1 Year	11/06/2021	13,133.00	13,802.00	11/06/2022	527.12
14	UCO BANK	18200310038055	Krishna Saini Endowment Fund	4.90%	12 months	27/06/2021	18,648.00	19,579.00	27/06/2022	693.45
15	UCO BANK	18200310041093	Krishna Saini Endowment Fund	4.40%	314 days	15/02/2022	33,929.00	35,213.00	26/12/2022	179.96
16	CBI, Vikas Minar	3564959496	SPA Vandana Goyal Award	4.90%	1 Year	09/09/2021	1,00,000.00	1,00,000.00	09/09/2022	2,725.21
17	UCO BANK	18200310098912.00	SPA Abhijit De Design Award	4.90%	12 months	29/11/2021	2,98,457.00	3,13,352.00	29/11/2022	4,888.15
18	Allahabad Bank	50511662225	SPA M R Agnihotri Award	6.25%	5 year	22/01/2020	75,200.00	1,02,538.00	22/01/2025	4,700.00
19	Allahabad Bank	5056924540	SPA P C Jain Gold Medal Award	6.25%	5 year	07/12/2019	2,00,252.00	2,73,051.00	07/12/2024	12,515.75
20	Allahabad Bank	50504899183	SPA Siddharth Khitoliya Award	6.25%	5 year	11/11/2019	3,00,000.00	4,09,062.00	11/11/2024	18,750.00
<b>Total</b>							<b>20,38,713.00</b>	<b>23,16,275.00</b>		<b>87,242.06</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**STATUS OF GPF FDR's AS ON 31st March, 2022**

SL.NO	Name of the Bank	FDR No./A/C No.	Rate of Interest	Period of FDR's	Date of Issue	AMOUNT	MATURITY AMT.	DATE OF MATURITY	Accrued Interest
1	UCO BANK	18200310060612	5.10%	12 months	10/02/2022	64,15,283	67,48,773	10/02/2023	43,923
2	Allahabad Bank	50494811887	5.00%	12 months	12/07/2021	1,00,52,362	1,05,64,483	12/07/2022	3,60,783
3	Allahabad Bank	50494811956	5.00%	12 months	12/07/2021	1,00,52,362	1,05,64,483	12/07/2022	3,60,783
4	Allahabad Bank	50494624069	5.00%	12 months	11/07/2021	1,00,52,355	1,05,64,476	11/07/2022	3,62,160
5	Allahabad Bank	50494624105	5.00%	12 months	11/07/2021	1,00,52,355	1,05,64,476	11/07/2022	3,62,160
6	Allahabad Bank	50494456933	5.00%	12 months	10/07/2021	1,00,52,348	1,05,64,468	10/07/2022	3,63,537
7	Allahabad Bank	50494456944	5.00%	12 months	10/07/2021	1,00,52,348	1,05,64,468	10/07/2022	3,63,537
8	Allahabad Bank	50493733635	5.00%	12 months	04/07/2021	90,00,000	90,00,000	04/07/2022	3,32,877
9	Allahabad Bank	50493733715	5.00%	12 months	04/07/2021	90,00,000	90,00,000	04/07/2022	3,32,877
10	Allahabad Bank	50477778098	4.95%	12 months	02/02/2022	1,01,86,197	1,06,99,851	02/02/2023	78,741
11	UCO BANK	18200310056981	4.90%	12 months	10-10-2021	40,57,044	42,59,522	10/10/2022	93,679
12	Allahabad Bank	50477779433	4.95%	12 months	02/02/2022	55,23,377	58,01,901	02/02/2023	42,696
13	Allahabad Bank	5047777946	4.95%	12 months	02/02/2022	31,56,214	33,15,371	02/02/2023	24,398
14	Allahabad Bank	50477209746	4.95%	12 months	29/01/2022	55,23,884	58,02,434	29/01/2023	45,697
15	Allahabad Bank	50510357346	4.95%	12 months	11/01/2022	1,33,21,127	1,39,92,864	11/01/2023	1,42,719
16	Allahabad Bank	50513374880	4.95%	12 months	29-01-2022	1,33,21,628	1,39,93,390	29-01-2023	1,10,205
17	Allahabad Bank	50513433032	4.95%	12 months	30-01-2022	66,60,827	69,96,709	30-01-2023	54,199
18	Allahabad Bank	50513580214	4.95%	12 months	31-01-2022	66,60,829	69,96,711	31-01-2023	53,296
19	Allahabad Bank	50541959741	4.95%	12 months	31-01-2022	22,19,647	23,31,576	31-01-2023	17,760
20	Allahabad Bank	50541964864	4.95%	12 months	01/02/2022	22,19,778	23,31,714	01/02/2023	17,460
21	BANK OF INDIA	603045110008726	5.10%	1 YEAR	14/07/2021	1,00,00,000	1,05,19,837	14/07/2022	3,63,288
22	BANK OF INDIA	603045110008728	5.10%	1 YEAR	15/07/2021	1,00,00,000	1,05,19,837	15/07/2022	3,61,890
23	BANK OF INDIA	603045110008730	5.10%	1 YEAR	16/07/2021	50,00,000	52,59,918	16/07/2022	1,80,247
						<b>18,25,79,965</b>		<b>Total</b>	<b>44,68,911</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
BALANCE SHEET AS ON THE 31ST MARCH 2022**

PREVIOUS YEAR	LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
1,37,75,093	<b>Unspent Balance of Projects</b> (As per Annexure-1 Enclosed)	2,79,34,845	72,944	<b>Fixed Assets</b>	17,986
50,31,020	Project Receipts Pending for Allocation	81,71,915		Furniture	30,382
-	<b>School/Institute's Share from Consultancy Fund</b>			HP - Desktop Computer	24,576
	Opening Balance		87,75,070	HP Laser Jet Printer	
	Addition during the year	2,80,13,051	1,62,62,078	<b>Investment in Fixed Deposits</b>	92,13,015
	Less : Transferred to School Share			FDR with UCO Bank	1,69,92,450
	Distribution, Concern Department,			FDR with Central Bank	
	PDF & Administrative Expenses	-2,80,13,051	43,89,611	<b>Current Assets &amp; Loans &amp; Advances</b>	
				Accrued Interest	12,370
-	<b>School Share Distribution</b>			TDS Receivable	71,49,896
	Opening Balance			GST Receivable	4,59,526
	Add: Transferred from Consultancy Fund	1,96,09,136		<b>Bank Balance</b>	
	Less : Transferred to School Main Account	-1,27,58,287		State Bank of India S/B A/c No. 10310544230	5,73,38,078
1,11,99,999	<b>Concerned Department/ Centre</b>	68,50,849	2,64,05,085	Central Bank of India S/B. A/c No. 3406523203	30,76,937
	Opening Balance				
	Add: Transferred from Consultancy Fund	1,11,99,999			
	Less : Paid during the Year	43,46,958			
		-5,58,143			
41,20,022	<b>Personal Development Fund (PDF) Consultants</b>	1,49,88,814			
	Opening Balance				
	Add: Transferred from Consultancy Fund	41,20,022			
	Less : Paid during the Year	32,88,902			
		-13,37,546			
3,84,857	<b>Administrative Expenses fund</b>	60,71,378			
	Opening Balance				
	Add: Transferred from Consultancy Fund	3,84,857			
	Less : Paid during the Year	14,06,052			
		-9,17,000			
		8,73,909			
					72,944
					2,62,05,465
					76,21,792
					6,04,15,015

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
BALANCE SHEET AS ON THE 31ST MARCH 2022**

PREVIOUS YEAR	LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
2,36,79,973	<b>Surplus</b> Opening Balance Add: Interest from saving Bank & FDR Add: Interest on Income Tax Refund  Less : Expenses incurred during the year	2,36,79,973 24,79,247 1,14,178 2,62,73,398 -1,53,097			
6,15,988 21,451	<b>Duties &amp; Taxes</b> GST Payable T.D.S Payable	30,45,033 2,58,172	2,61,20,301 33,03,205		
<b>5,88,28,404</b>	<b>Total</b>	<b>9,43,15,216</b>	<b>5,88,28,404</b>	<b>Total</b>	<b>9,43,15,216</b>

**Notes forming of books of accounts are intergral part of Baance Sheet**

**Compiled on the basis of books of accounts Produced before us.**

**For Sunder Sharma & Co.**

**Chartered Accountants**

FRN No.: 008629N

**Sd/-**  
CA Sunder Kumar Sharma  
Partner  
M No.: 087495  
Udin :  
Place : New Delhi  
Date :

**Sd/-**  
Prof. Dr. Sanjay Gupta  
Dean (R)

**Sd/-**  
PROF. DR. P.S.N. RAO  
Director

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
RECEIPT AND PAYMENT ACCOUNTS FOR THE PERIOD 01.04.2021 TO 31.03.2022**

PREVIOUS YEAR	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR
	<b>Opening Balance</b>				
2,99,06,747	- State Bank of India (SB A/c No.10310544230)	2,64,05,085	2,86,37,459	Payment/Adjustment during the year as per Annexure enclosed	7,96,84,745
12,95,715	- Central Bank of India (S.B. A/c No.3406523203)	29,23,616	76,97,140	School Share	2,80,13,051
2,58,47,077	Receipts during the Year as per Annexure Enclosed	9,05,93,526	4,87,742	Administrative Expenses	1,53,097
76,97,140	School Share	2,80,13,051	5,69,657	Administrative Expenses for Supporting Staff	9,17,000
23,57,160	Bank interest on Savings & FDR	24,79,247	11,75,327	T.D.S Receivable	55,70,438
3,84,857	Administrative Expenses for Supporting Staff	14,06,052	73,63,202	School Share Distribution	1,27,58,287
11,03,041	Project Receipts Pending for Allocation	54,89,286	4,19,703	TDS Payable	18,25,357
53,87,998	School Share Distribution	1,96,09,136	-	Project Receipts Pending for Allocation	23,48,391
3,93,154	TDS Payable	20,62,078	53,70,276	Goods & Service tax	1,53,01,880
49,94,980	Goods & service tax	1,74,24,726	11,52,672	P.D.F Consultants	13,37,546
8,55,065	P.D.F Consultants	32,88,902	51,050	Concerned Department/Centre	5,58,143
11,79,369	Concerned Department/Centre	43,46,958	8,72,099	F.D.R's With Central Bank of India	7,30,372
42,18,217	Miscellaneous Receipts	-	5,15,477	F.D.R's With UCO Bank	4,37,945
-	T.D.S Receivable	12,01,888	-	Miscellaneous Receipts	-
-	Interest on Income tax refund	1,14,178	12,716	Interest Accrued On F.D.R's with Bank	12,370
-	Amount Recoverable from SPA	14,42,221	28,30,219	Amount Recoverable from SPA	



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
RECEIPT AND PAYMENT ACCOUNTS FOR THE PERIOD 01.04.2021 TO 31.03.2022**

PREVIOUS YEAR	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR
-	Interest Accrued on F.D.R's with Bank	12,716	2,64,05,085	<u>Closing Balance.</u>	5,73,38,078
8,62,919	Adjustment of Project during the Year as per Annexure Enclosed	32,50,971	29,23,616	- State Bank of India (SB A/c No.10310544230)	30,76,937
<b>8,64,83,440</b>		<b>21,00,63,637</b>	<b>8,64,83,440</b>	- Central Bank of India (S.B. A/c No.3406523203)	<b>21,00,63,637</b>

**Notes forming of books of accounts are intergral part of Baance Sheet**

**Compiled on the basis of books of accounts Produced before us.**

**For Sunder Sharma & Co.**

**Chartered Accountants**

FRN No.: 008629N

Sd/-

CA Sunder Kumar Sharma

Partner

M No.:087495

Udin :

Place : New Delhi

Date :

Sd/-

Prof. Dr. Sanjay Gupta

Dean (R)

Sd/-

PROF. DR. P.S.N. RAO

Director

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
UNSPENT BALANCE AS ON 31ST MARCH, 2022 UNDER PROJECT ACCOUNT**

S. No.	Name of the Projects	Name of the Project Co-ordinator	Unspent Balance as on 01-04-2021	Receipt during the Year 2021-2022	Adjustment/Inp ut Credit of GST during the Year 2021-2022	Total	Payment/Adjustment during the Year 2021-2022	Unspent Balance as on 31-03-2022
1	3M Asia Pacific Pte. Ltd. Project	Prof. Dr. Seva Ram	2,37,869	7,31,904	-	9,69,773	2,56,167	7,13,606
2	Arboculture Plan in the on-going AMWPs at Bareilly Military Station Project	Ms. Anil Grover	-	1,23,900	-	1,23,900	-	-
3	Augmentation/Alterations to Outer Landscaping and Premises at DDUV Vasant Kunj, ONGC Project	Ms. Anil Grover	2,64,550	5,01,600	-	7,66,150	7,66,150	-
4	Baddi Borotwala Nalagarh Dev. Auth. Project	Prof. Dr. Mayank Mathur	6,27,181	-	-	6,27,181	1,52,638	4,74,543
5	BEDF Modipuram, Meerut, Project	Prof. Dr. Mandeep Singh	39,000	-	-	39,000	-	39,000
6	Comprehensive Improvement & Drainage & Sewage System, Delhi Cantt. Project	Prof. V. K. Jain	23	-	-	23	-	23
7	Concept Planners International, New Delhi Project	Prof. Chitraksha Kabre	-	75,600	-	75,600	40,455	35,145
8	Construction of City Centre Phase-II, Delhi Cantonment Board Project	Prof. Dr. Aruna Ramani Grover	19,50,000	1,16,60,000	4,20,000	1,40,30,000	1,14,53,260	25,76,740
9	Delhi Cantonment Board Chirakoot Guest House Project	Prof. Dr. Aruna Ramani Grover	11,37,150	-	-	11,37,150	9,30,208	2,06,942
10	Delhi Pollution Control Committee Project	Prof. Dr. Meenakshi Dhote	5,042	48,736	1,282	55,060	25,009	30,051
11	Design of Rural Development and Panchayat Rajasthan, RURBAN MISSION	Prof. Dr. Ashok Kumar	65,063	-	1,63,059	2,28,122	1,63,059	65,063
12	Design of Public Facilities Complex, Wazirpur Project	Mr. Pooj Anand Mishra	3,367	-	-	3,367	-	3,367
13	Design of Safe, Seamless and Continuous Cycle Network in NDMC Area, NDMC Project	Prof. Dr. Seva Ram	-	6,16,000	14,000	6,30,000	482,400	1,47,600
14	Development of Airport Service Welham Nagar, Delhi Cantt. Board Project	Prof. Dr. Aruna Ramani Grover	-	45,24,000	79,000	46,02,000	44,18,000	1,84,000
15	DUF Southern town Lud. Kakanad Project	Prof. Dr. Mandeep Singh	52,000	-	-	52,000	52,000	-
16	Electric Crematorium Building at Old Nangal Delhi Cantt. Project	Prof. Dr. Anil Dewan	2,94,700	2,73,235	5,156	5,73,091	3,85,901	1,87,190
17	Electrical Cremation at URT Delhi Cantt. Project	Prof. Arunava Das Gupta	40,261	3,55,264	6,703	4,02,228	3,57,609	44,619
18	Gurgaon Metropolitan Development Project	Prof. Dr. Sanjay Gupta	95,10,069	-	-	95,10,069	8,74,640	86,35,429
19	Heritage Impact Assessment and Preparation of Report for Re-development of Jamia Hamdard University Project	Ms. Anuradha Chaturvedi	164	-	-	164	-	164
20	Heritage Impact Assessment Study of the Delhi Gurgaon-Rwari-SMB IRTS Corridor in NCT of Delhi Area Project	Ms. Anuradha Chaturvedi	22,288	-	-	22,288	-	22,288
21	IIT Japur Project	Prof. Anil Dewan	97,408	-	-	97,408	-	97,408
22	IIT Kanpur Project	Prof. Manoj Mathur	13,318	-	-	13,318	1,462	11,856
23	Improvement & Upgradation of Cantonment General Hospital, DCB Project	Prof. Dr. Aruna Ramani Grover	-	1,69,600	3,200	1,72,800	1,69,200	3,600
24	Indian Medical Association Project	Prof. V. K. Paul	-	5,13,000	-	5,13,000	5,13,000	-
25	Indian School of Mines, Dhanbad	Prof. A.K. Mahtre (Retd.)	28,845	-	-	28,845	-	28,845
26	Infrastructural Improvements & Upgradation of Existing Road Infrastructure in Delhi Cantt., Delhi Cantonment Board Project	Prof. Dr. Anil Dewan	-	87,00,000	1,50,000	88,50,000	55,53,777	32,96,223
27	Irrigation Works Circle, Mayapur Haridwar Project	Prof. Manoj Mathur	6,31,375	-	-	6,31,375	-	6,31,375
28	Irrigation Works Circle, Re-development of Ashapath Bishkesh Project	Prof. Manoj Mathur	1,78,611	-	-	1,78,611	-	1,78,611
29	JCEO & CMO General Hospital Delhi Cantt Project	Associate Prof. Prabhakar Singh Sugga.	-	3,89,752	7,354	3,97,106	3,89,007	8,099
30	Kendriya Vidyalaya Sangathan Project	Prof. Dr. Aruna Ramani Grover	1,688	-	-	1,688	-	1,688
31	Master Plan for DNGIR, NOIDA Authority Project	Prof. Dr. Ashok Kumar	-	31,80,000	60,000	32,40,000	27,17,729	5,22,271
32	Master Plan for Mount Abu Eco-Centre Zone Project	Prof. Dr. Meenakshi Dhote	40,285	-	18,471	58,756	-	58,756
33	Master Plan for the Rajnagar Municipality, District Sundergarh, Odisha Project	Associate Prof. Dr. Shuvojit Sankar	-	20,63,070	-	20,63,070	13,45,574	7,17,496
34	Mammi Gange Programme Project	Prof. Dr. Meenakshi Dhote	20,457	-	1,10,089	1,30,546	1,30,546	-
35	National Archives of India Project	Associate Prof. T. Laxmi Phya	-	3,83,670	6,615	3,90,285	3,90,285	-
36	National Capital Region Planning Board Project	Prof. Dr. P.S.N Rao	7,36,531	7,42,000	14,000	14,92,531	12,46,500	2,46,031
37	National School of Drama, NSD's Re-Developments Project	Prof. Arunava Das Gupta	22,35,516	-	-	22,35,516	-	22,35,516
38	NCRFC Project	Prof. Dr. Sanjay Gupta	2,966	-	-	2,966	-	2,966
39	NREIE, Shilong	Prof. A.K. Mahtre (Retd.)	2,56,224	-	-	2,56,224	-	2,56,224
40	NTPC, Fly Ash Transport Study Project	Prof. Dr. P. K. Sarkar (Retd.)	-	650	-	650	-	650
41	Numaligarh Refinery Ltd.	Prof. Dr. P.S.N Rao	-	16,33,588	5,21,595	21,55,183	21,27,147	28,036
42	ONGC (Vadodra) Project	Prof. Dr. P.S.N Rao	19,287	23,20,000	40,000	23,79,287	23,20,000	59,287
43	ONGC Project	Prof. Dr. V.K. Paul	-	-	2,600	2,600	-	2,600

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
CONSULTANCY FUND ACCOUNT  
UNSPENT BALANCE AS ON 31ST MARCH, 2022 UNDER PROJECT ACCOUNT**

S. No.	Name of the Projects	Name of the Project Co-ordinator	Unspent Balance as on 01-04-2021	Receipt during the Year 2021-2022	Adjustment/Inp ut Credit of GST during the Year 2021-2022	Total	Payment/Adjustm ent during the Year 2021-2022	Unspent Balance as on 31-03-2022
44	Oil India Project	Prof. Dr. Sanjukta Bhaduri	-	-	4,69,787	4,69,787	-	-
45	Preparation of Comprehensive Mobility Plan (CMP) for Dwarka K-II Zone Delhi Development Authority Project.	Prof. Dr. Sanjay Gupta	3,163	26,54,440	53,480	27,11,083	25,02,899	2,08,184
46	Preparation of Concept plan and rough cost estimate for upgradation of IITC campus at Noida, IITC Project.	Prof. Dr. Aruna Raman Grover	2,15,694	-	-	2,15,694	98,100	1,17,594
47	Preparation of Layout Plans of 3 Unauthorised Colonies, DDA Project	Prof. Dr. Sanjukta Bhaduri	-	30,53,718	60,884	31,14,602	28,96,929	2,17,673
48	Preparation of Two District Development Plans and Four Master Plans, MHRC Project	Prof. Dr. Ashok Kumar	-	1,30,65,611	2,46,522	1,33,12,133	91,06,444	42,05,689
49	Preparation Right of Management for Gurugram Mansarovar Urban Complex, G.M.D.A. Project.	Prof. Dr. Sewa Ram	-	10,43,691	19,692	10,63,383	6,67,384	3,95,999
50	Preparing Layout Plans for Three Areas in Agra Raipur and Rahon Kalan; Etmadpur Madra; & Budhana Project	Prof. Dr. Ashok Kumar	-	1,07,81,472	2,03,424	1,09,84,896	69,22,726	40,62,170
51	PWD Govt. of Maharashtra Project (New Delhi)	Prof. Dr. P.S.N Rao	14,750	-	13,492	7,43,292	7,43,292	-
52	Reconstruction of Sadar Bazar Staff Quarters, Delhi Cantonment Board Project	Prof. Dr. P.S.N Rao	-	20,76,458	35,802	21,12,260	19,60,169	1,52,091
53	Re-Development of Bhawisha Nishi Enclave Mahiya Nagar Project	Ms. Anuradha Chaturvedi	123	-	-	123	-	123
54	Re-development of ITPO Complex at Pragati Maidan project	Prof. Anil Dewan	1,17,000	-	-	1,17,000	1,05,660	11,340
55	Rejuvenation of Water Bodies, Delhi Cantonment Area Project	Prof. Y. K. Jain	4,210	-	-	4,210	-	4,210
56	Road Safety Audit Delhi Cantt. Board Equipment A/C	Prof. Dr. Anil Dewan	-	2,16,576	-	2,16,576	2,16,576	-
57	Road Safety Audit Delhi Cantt. Board Project	Prof. Dr. Anil Dewan	1,30,420	3,24,800	5,600	4,60,820	4,60,820	-
58	Rural Electrification Corp. Township Gurgaon Project	Prof. Y. K. Paul	4,47,495	-	-	4,47,495	4,47,495	-
59	RURBAN MISSION - Hariyana Project	Prof. Dr. Ashok Kumar	-	-	77,068	77,068	-	77,068
60	RURBAN MISSION - Uttar Pradesh Project	Prof. Dr. Ashok Kumar	6,68,073	-	-	6,68,073	-	6,68,073
61	RURBAN MISSION BENCHMARK Project	Prof. Dr. Ashok Kumar	-	-	59,389	59,389	-	59,389
62	Safety Audit for Allims - Panna Bihar Project	Prof. V. K. Paul	2,00,000	-	-	2,00,000	-	2,00,000
63	Sector Advisor for Environment Planning for Master Plan 2041, NIUA-DDA Project	Prof. Dr. Meenakshi Dhote	-	5,40,000	-	5,40,000	2,48,491	2,91,509
64	Sector Advisor for Heritage Planning for Master Plan 2041, NIUA-DDA Project	Ms. Anuradha Chaturvedi	-	5,40,000	-	5,40,000	2,48,491	2,91,509
65	Shri Amarnathji Shrine Board - Construction of Yatri Nikas & Disaster Management Centre at Jammu Project	Prof. Dr. P.S.N Rao	-	10,44,000	18,000	10,62,000	7,87,000	2,75,000
66	Shri Amarnathji Shrine Board - Office cum Yatri Nikas at Srinagar Project	Prof. Dr. P.S.N Rao	-	41,76,000	72,000	42,48,000	29,29,206	13,18,794
67	Shri Mata Vaishno Devi Shrine Board (Equipment)	Prof. Dr. Mandep Singh & Prof. Dr. P.S.N Rao	28,937	-	-	28,937	-	28,937
68	Shri Mata Vaishno Devi Shrine Board, Durgas Bhawan Project	Prof. Dr. Mandep Singh & Prof. Dr. P.S.N Rao	10,61,614	35,60,060	-	46,21,674	33,54,456	12,67,218
69	Silver Oak Model School Delhi Cantt Project	Associate Prof. Prabhajot Singh Sugga	-	18,23,227	34,400	18,57,627	18,23,563	34,064
70	Social Disability Audit of Accessibility of Road Infrastructure in Selected Stretches of Delhi Project.	Prof. Dr. P.S.N Rao	-	7,98,000	14,000	8,12,000	3,66,100	4,45,900
71	Structural Safety Audit of IHMC Hospital Building Project	Prof. Y. K. Jain	18,000	-	-	18,000	-	18,000
72	Study on Re-Development of Traditional Old Build-up Areas	Prof. A.K. Maithra (Retd.)	57,364	-	-	57,364	-	57,364
73	Sundar Garh Odisha Project	Associate Prof. Dr. Shuvojit Sarkar	-	22,89,330	-	22,89,330	19,69,067	3,20,263
74	Toolkit Urban Freight Tpt. Project	Prof. Dr. Sanjay Gupta	39,000	-	-	39,000	-	39,000
75	Tourism UP Pro-poor Tourism Development Project	Prof. Dr. Meenakshi Dhote	6,00,436	-	2,10,803	8,11,239	8,11,222	17
76	Trabhavan University, Institute of Medicine Kathmandu, Nepal Project	Prof. Dr. Anil Dewan	-	31,02,750	-	31,02,750	29,88,933	1,13,817
77	Urban Policy & Practice in South Asia Project	Prof. Dr. Ashok Kumar	-	-	9,414	9,414	-	9,414
78	Viable Rental Housing Models for HSIW	Ms. Ruchita Gupta	-	-	6,500	6,500	-	6,500
79	Yes Bank for Training Programme Project	Prof. Dr. Manoj Mathur	-	-	17,940	17,940	-	17,940
	<b>Total (Rs.)</b>		<b>1,37,75,093</b>	<b>9,85,93,526</b>	<b>32,50,971</b>	<b>10,16,19,590</b>	<b>7,96,84,745</b>	<b>2,19,34,845</b>

Sd/-

Prof. Dr. Sanjay Gupta  
Dean(R)

Sd/-

Prof. Dr. P.S.N. Rao  
Director

## NOTES FORMING PART OF ACCOUNTS OF SPA CONSULTANCY CELL

1. The Annual Accounts of Consultancy Cell have been prepared on the basis of consultancy Rules prescribed by the Ministry of HRD.
2. Accounts have been prepared on the basis of Cash basis of Accounting.
3. The interest received on FDR's, Saving Bank and Income Tax Refund for Rs. 25,93,425/- added to the Surplus account. And the Expense of Rs 1,53,097/- incurred has also deducted from this Surplus account.
4. The Consultancy receipts under different projects have been shown on the basis of net of Tax Deducted at Source. Tax deducted on Projects has been shown as "Project Receipt pending for Allotment".
5. Goods and service tax liability is assumed at the time when payment is received from the project.
6. Separate Cash Book and Books of Accounts have been maintained for Consultancy Fund.
7. Figures are rounded off to the nearest rupees.
8. Figures of the previous year have been regrouped/ rearranged and recasted wherever considered necessary.
9. Notes are annexed to and from an integral part of the Balance Sheet as at 31-03-2022 and the Receipts and payments for the year ended on that date.

**Compiled on the basis of books of accounts Produced before us.**

**For Sunder Sharma & Co.**

**Chartered Accountants**

FRN No: 008629N

**Sd/-**

CA Sunder Kumar Sharma  
Partner  
M No.:087495  
Udin :  
Place : New Delhi  
Date :

**Sd/-**

Prof. Dr. Sanjay Gupta  
Dean (R)

**Sd/-**

PROF. DR. P.S.N. RAO  
Director

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF THE FINANCIAL ACCOUNTS FOR THE**  
**YEAR ENDED 31-03-2021**  
**SCHEDULE -19 SIGNIFICANT ACCOUNTING POLICIES**

**1. BASIS FOR PREPARATION OF ACCOUNTS**

The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

**2. REVENUE RECOGNITION**

The recognition of the revenue should be on accrual basis. However, the school has not followed the accrual system of accounting policy, as except Interest on FDR's the school is recognising the revenue pertaining to fees from student & Other Incomes are recognised on Cash basis. The School recognise cost on Hybrid System.

**3. FIXED ASSETS & DEPRECIATION**

3.1 Fixed Assets are stated at cost of acquisition including of inward freight, duties and taxes and incidental and direct expenses related to the acquisition, /installation and commissioning.

3.2 Gifted/Donated assets are valued at the declared value when available; if not available, the value is estimated based on the present market value and the physical condition of the asset. They are set-up by credit to Fixed Asset Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.3 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the School, are setup by credit to Capital Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates

S. No.	Nature of asset	Rate of depreciation
1.	Land	0%
2.	Site Development	0%
3.	Building	2%
4.	Office Equipment's	7.5%
5.	Computer Peripherals	20%
6.	Furniture, Fixtures & Fittings	7.5%
7.	Vehicles	10%
8.	Library books & Scientific Journals	10%

3.5 Depreciation will be charged for the full year in the year of acquisition of the relevant assets. Where an asset is fully depreciated, it will be carried at a residual value of Rs. 1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additions of each year separately at the rate of depreciation applicable for that asset head.

3.6 Depreciation for the year on fixed assets of the school has been debited to Income & Expenditure Accounts to comply the para issued by CAG in the Separate Audit Report in Para C.2.

#### 4. STOCKS

No valuation of inventory of closing stock at the end of the financial year is made on account of purchases made of chemicals, glassware, publications, stationery and other stores. All the purchases of these items are recognised as revenue expenditure.

#### 5. RETIREMENT BENEFITS

Liabilities towards retirement benefits i.e., Pension, Gratuity and Leave Encashment of Employees are not necessary in view of recurring grant towards Non Plan which includes amount payable to employees who retires and includes pension for retired eligible employees for the grant period. Pension contribution received in respect of SPA's employees on deputation is credited to the Provision for Pension Account. Other retirement benefits viz. Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home Town on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year).

## **6. INVESTMENTS**

All the investment has been made in the form of Fixed Deposits in bank. No other types of investment are with the School .

## **7. EARMARKED ENDOWMENT FUNDS**

Earmarked Funds are long term funds earmarked for specific purposes. These funds have also been invested in term deposits with banks. The incomes from investments are booked on accrual basis. The expenditures on the objectives of the funds are debited to the funds. The balances in the funds are carried forward and represented on the assets side by the balance at bank, Investments and accrued interest under the head of current assets.

### **7.1 CORPUS FUND**

- a) Corpus fund was established in 2013-14. The Executive Council of School has approved to transfer a certain percentage of the amount received from Consultancy and DASA fees (i.e. 20% of Consultancy school share and 50% of DASA fees received from students.
- b) The Income from investments of the fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants Commission and the Executive Council of the School from time to time. The balance in the Corpus Fund which is carried forward is represented by the balance in Saving Bank Account, Fixed Deposits with the Bank and Accrued interest on investments.
- c) In order to Comply with the CAG Para the School has Transferred Fixed Assets / Building Capital Fund of Rs 26,40,00,392 in the Corpus / Capital Account.

### **7.2 FIXED ASSET /BUILDING FUND**

The school was being maintaining a separate Fixed Asset/Building Fund for purchase of assets. The Capital Grant received was added to this fund and the depreciation on fixed assets was also deducted from this fund. The assets created out of this Fund were merged with the assets of the School. In order to Comply with the CAG Para the School has Transferred Fixed Assets / Building Capital Fund of R 26,40,00,392 to Corpus/Capital Account in the FY 2020-21. From the Current FY i.e. 2021-22, In order to comply the audit para, Depreciation is routed through the Income & Expenditure Account..

### 7.3 ENDOWMENT FUNDS

Endowment Funds are funds received from various individual Donors, Trusts and other organizations, for establishing Chairs and for Medals & Prizes, as specified by the Donors. Each of the Endowment funds has its own investment. The income from investment of each Endowment Fund is added to the Fund. The expenditure on Chairs, Medals & Prizes is debited to the respective Endowment Funds and the balance is carried forward.

### 7.4 INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS

To the extent not immediately required for expenditure, the amount available against such funds are invested in fixed deposit with bank, leaving the balance in Saving Bank Accounts. Interest received, Interest accrued and due and interest accrued but not due on such investments are added to the respective funds and not treated as income of the School except the Fixed Asset & Building Fund.

## 8. GOVERNMENT GRANTS

8.1 Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable in Fund in Transit.

8.2 Government Grants of capital nature are recognised on accrual basis and shown as capital grants under Fixed Assets /Building Fund in consistent with fund based accounting.

## 9. SPONSORED PROJECTS

9.1 In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions-Current Liabilities - Other grant, Faculty deposits & Sponsored projects". As and when expenditure is incurred/ advances are paid against such projects, or the concerned project account is debited with allocated overhead charges, the liability account is being debited.



9.2 Various Scholarship/Fellowship has been received by the school from the various organisation. These are accounted in the same way as Sponsored Projects except that the expenditure generally is only on disbursement of Scholarship and Fellowship, which may include allowances for contingent expenditure by the fellows and scholars.

## **10 INCOME TAX**

The school is exempt under Section 10(23C) (iii ab) of the Income Tax Act, 1961 and accordingly, no provision for income tax is made in the books of accounts.

## **SCHEDULE - 20 CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS**

### **A CONTINGENT LIABILITIES**

#### **1. CONTINGENT LIABILITIES**

As on 31<sup>st</sup> March 2022, there are 15 cases are filed against the School by former/ present employees, tenants and contractors and arbitration cases with contractors were pending for decisions. The suits filed by employees were establishment- related viz. promotions, increments, pay scales, termination etc. The quantum of the claims is not ascertainable.

### **B NOTES TO ACCOUNTS**

School of Planning and Architecture is an Institution of “National Importance” under an Act of Parliament and is fully financed by the Ministry of Education, Govt. of India. Therefore its accounting policies are mostly based on GFR’s & R&P Rules. The accounting principles and policies of the School in brief are as under:

#### **1. Fixed Assets**

1.1 Addition in the Fixed Assets of Rs.60,67,586/- is made during the financial year 2021-22.

1.2 Fixed assets as set out in Schedule 4 do not include assets purchased out of funds of sponsored projects, held and used by the Institution, as project contracts include stipulations that all such assets purchased out of the project’s funds will remain the property of the sponsors.

#### **2. Endowment Fund**

2.1 In some of the cases endowment funds are having debit balances from the previous years due to excess amount incurred by the school on these funds.

2.2 During the year School has received an amount of Rs 6,00,000/- as endowment fund.

#### **3. Deposits /Current Liabilities**

3.1 The amount outstanding as Earnest Money Deposits and Security Deposits is of Rs.11,15,448 and Rs.37,50,462/ respectively. No income is recognised on account of forfeiture of the Earnest Money Deposits and Security Deposits during the year.

3.2 The cheques issued but not presented for payment for Rs.2,16,399 pertaining to the financial year 2020-21 has been transferred to Stale Cheques and shown under the head Current Liability.

#### **4. Current Assets, Loan and Advances**

In the opinion of the management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet but subject to reconciliation. Increase in advances during the year is mainly on account of advances given to employees/ outside parties.

4.1 The debit balance from sponsored projects for Rs. 8,65,357/-has been shown in Schedule 8 of Loan, Advances and Deposits in the Balance Sheet.

4.2 The Interest on Loan and Advances (interest bearing) given to the staff are accounted on books of accounts on cash basis.

#### **5 Sources of Funds**

The receipts of funds in the Non-plan and Plan budget of the School are classified as under:-

i) Grant in Aid from the Ministry of Education, Govt. of India.

ii) Misc. Receipts like Tuition Fee, Hostel rent and other charges, Guest House rent, Performance fees, Interest on investment of GPF/CPF, disposal of unserviceable materials, prospectus sale, other misc. receipts etc.

#### **6 Capital Grant**

During the year, School has not received any Capital Grant from Ministry of Education for creation of capital assets which is shown as Fund under the head of Fixed Assets & Building Fund in the Schedule -2 of the financial statements.

## **7 GPF/CPF Investment**

- 7.1 The School is maintaining separate saving bank accounts for GPF/CPF in the UCO Bank, New Delhi. A separate Books of Accounts is being maintained for GPF/CPF A/c. The interest in GPF/CPF A/c's is calculated on 31st March of the Financial Year and is credited to GPF/CPF A/c. The investment of GPF/CPF contribution is made in the form of KDR/FDRs/TDRs with the UCO Bank, Allahabad Bank, ICICI Bank and Canara Bank at the prevailing rate of interest. As per the previous policy of the School the interest received on GPF/CPF investment is transferred to School main account as no separate Income and Expenditure account is maintained for GPF/CPF.

However, in order to comply with the revised format issued by the Ministry the School has prepared the separate Income and Expenditure Account of GPF/CPF along with the Receipt and payments account and Balance Sheet

## **8. New Pension Scheme Fund**

The amount lying in New Pension Scheme Fund has been transferred to the saving bank of the school account and the account has been closed.

9. During the year, expenditure incurred on repair & maintenance of building was Rs 74,54,403/- (Previous year 17,60,218/-), increase in expenditure was due to increase in maintenance which was pending since lockdown.
10. During the year, an amount of Rs 17,68,344/- was refunded by CPWD, which was given for construction of boundary wall of Vasant Kunj Building. At the time of Payment it was recorded as payment for capital WIP in the books of accounts, now the refunded amount has been reduced from Development of Vasant Kunj (WIP).

## **11 Miscellaneous**

- 11.1 Figures are rounded off to the nearest rupees.
- 11.2 As per the advice of the CAG Audit team the school has not merged the accounts of GPF/CPF with the School accounts.
- 11.3 Figures of the previous year have been regrouped/rearranged and recasted wherever considered necessary in line with the format prescribed

and the advice of CAG.

- 11.4 Schedules 1 to 20 are annexed to and form an integral part of the Balance Sheet as at 31-03-2022 and the Income and Expenditure account for the year ended on that date.

**Compiled on the basis of books of accounts Produced before us.**

**For MAHALWALA & CO.  
CHARTERED ACCOUNTANTS**

FRN No: 005823N

**Sd/-**

CA FARHAT MIYAN  
PARTNER  
UDIN : 22544904AMUZX6228

**Sd/-**

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

**Sd/-**

VIRENDRA KUMAR  
DEPUTY REGISTRAR  
(A&B)

**Sd/-**

UMAKANT AGARWAL  
REGISTRAR

**Sd/-**

PROF. DR. P.S.N. RAO  
DIRECTOR

PLACE: NEW DELHI  
DATE: 31/05/2022

## **Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of School of Planning and Architecture, New Delhi for the year ended 31 March 2022**

1. We have audited the attached Balance Sheet of School of Planning and Architecture, New Delhi (SPA) as of 31 March 2022, the Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with section 25 (3) of the School of Planning and Architecture Act, 2014. These financial statements are the responsibility of the School of Planning and Architecture's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, and disclosure norms, etc. Audit observations on financial transactions regarding compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. **Based on our audit, we report that:**
  - i. We have obtained all the information and explanations subject to observation in report which to the best of our knowledge and belief was necessary for our audit;
  - ii. The Balance Sheet, Income & Expenditure Account, and Receipts & Payments Account dealt with by this report have been broadly drawn up in the format prescribed by the Government of India, Ministry of Education subject to observation in report.
  - iii. In our opinion, proper books of accounts have been maintained by the SPA in so far as it appears from our examination of such books.
  - iv. We further report that:

**A. Balance sheet**

**A.1 Liabilities**

**A.1.1 Current Liabilities and Provisions (Schedule 3) - Rs. 25.17 crore**

The above does not include unutilised grant in aid of Rs. 3.38 crore (Non-recurring grant). This has resulted in understatement of Current Liabilities & Provisions and overstatement of Capital Fund by Rs. 3.38 crore.

**A.2 Assets**

**A.2.1 Loans, Advances and Deposits (Schedule 8) -Rs. 6.72 crore**

- (i) The above includes departmental advances of Rs. 3.43 crore. The party-wise and year-wise details of departmental advances of Rs. 3.43 crore has not been furnished to audit due to which the advances could not be verified in audit.
- (ii) The above includes claim receivable relating to research project and other receivables of Rs 4.09 lakh which are pending since 2011-12. These needs to be reconciled/recovered or written off. This is being pointed out since 2018-19 but remedial action has not been taken.
- (iii) The above Schedule includes an amount of Rs.0.25 lakh as security deposit with BSES Rajdhani and Yamuna Power Ltd. whereas as per records the security deposits is Rs.3.16 lakh. This has resulted in understatement of Loans, Advances and Deposits and Capital Fund by Rs. 2.91 lakh. This is being pointed out since 2014-15 but no action has been taken.

**B. Significant Accounting Policies (Schedule 19)**

The Significant Accounting Policy No. 5 which states that provision of retirement benefits was not necessary is in violation of Accounting Standard 15 of ICAI and in contravention of the format prescribed by Ministry of Education which provides that employees' benefits obligations are to be provided on the basis of Actuarial Valuation. This is being pointed out since 2014-15 but no action has been taken.

**C. General**

- C.1** An amount of Rs.13.86 lakh has been shown as Advance recoverable from GPF" in the Balance Sheet of GPF/CPF. This amount is appearing in the accounts since 2010-11. Details of the same was not furnished to audit due to which the amount could not be verified. This is being pointed out since 2017-18 but remedial action has not been taken.
- C.2** As per the format of accounts prescribed by Ministry of Education, separate NPS accounts are to be maintained by the organisation. SPA has not maintained Balance Sheet, Income & Expenditure and Receipts & Payments Accounts of NPS.

#### **D. Grant-in-aid**

During the year 2021-22, the School of Planning and Architecture received grant-in-aid of Rs. 52.80 crore (Recurring: Rs. 52.80 crore and Non-Recurring: Nil) from the Ministry of Education, of which Rs. 6.50 crore was received during March 2022. It had an opening balance of Rs. 5.35 crore (recurring Rs. 1.36 crore and non-recurring Rs. 3.99 crore) as on 1 April 2021. Out of the total available funds of Rs. 58.15 crore recurring grant-in-aid was fully utilized and out of non recurring grant-in-aid expenditure of Rs. 0.61 lakh was incurred thereby leaving unutilized non recurring grant-in-aid of Rs. 3.38 crore as on 31 March 2022.

It also received Rs. 2.01 crore for various projects and had Rs. 1.67 crore as unspent balance of previous year. Out of the total fund of Rs. 3.68 crore it utilized Rs. 1.59 crore leaving unutilized balance of Rs. 2.09 crore as on 31 March 2022.

#### **E. Management Letter**

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, SPA through a Management Letter issued separately for remedial/ corrective action.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.
  - vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India.
- (a.) In so far as it relates to the Balance Sheet, of the state of affairs of the School of Planning and Architecture as at 31 March 2022; and
- (b.) And in so far as it relates to Income & Expenditure Account of the surplus for the year ended on that date.

**For and on behalf of the C &AG of India**

Place: New Delhi

Dated:

Sd/-

Director General of Audit  
Central Expenditure



## **Annexure to Audit Report**

### **1. Adequacy of Internal Audit System**

The internal audit of school has not been done by the Pay and Accounts Office of Ministry of Education. However, the School has appointed a Consultant as an Internal Auditor and has also appointed a Chartered Accountant (C.A) who is engaged in conducting internal audit of the school.

### **2. Adequacy of Internal Control System**

The Internal Control System of School needs to be strengthened due to the following shortcomings:

- No reconciliation and non-settlement of advances of previous years.
- Outstanding debit balances in various sponsored projects.
- The management response to external audit objections is not effective as 55 paras pertaining to the period from 01.04.2012 to 31.03.2016 were outstanding as on 31.03.2022.
- Non conduct of physical verification of Fixed Assets since 2013-14.

### **3. System of physical verification of assets**

- The physical verification of fixed assets (Land and Building) has been conducted up to 2020-21 while the physical verification of fixed assets (Furniture and Fixture, Vehicles, Plant and Machinery, Computer and Accessories) has been conducted up to 2012-13 only. The physical verification of Books and Publications has been conducted up to 2018.

### **4. System of physical verification of inventory**

- Physical verification of inventory like stationery and consumables was conducted up to 2020-21.

### **5. Regularity in payment of statutory dues**

- As per the accounts, payment of statutory dues over six months in respect of Delhi Value Added Tax (DVAT) and Labour Cess of Rs. 178670/- and Rs. 51435/- respectively are pending since April 2019.





## योजना तथा वास्तुकला विद्यालय, नई दिल्ली

(संसद के अधिनियम के तहत राष्ट्रीय महत्व का संस्थान,  
शिक्षा मंत्रालय, भारत सरकार)

### **School of Planning and Architecture, New Delhi**

(An Institution of National Importance under an Act of Parliament,  
Ministry of Education, Government of India)

4-ब्लॉक-बी, इंद्रप्रस्थ एस्टेट, नई दिल्ली, 110 002 भारत

4-Block-B, Indraprastha Estate, New Delhi 110 002 India

[www.spa.ac.in](http://www.spa.ac.in)