



School of Planning  
and Architecture  
New Delhi

योजना तथा  
वास्तुकला विद्यालय  
नई दिल्ली

# ANNUAL REPORT 2022-23

# ANNUAL REPORT 2022-23



**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

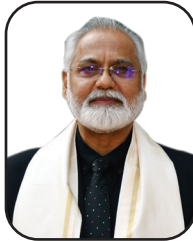




**Smt. Droupadi Murmu**  
Hon'ble President of India  
VISITOR



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



**Prof. Ar. Habib Khan**  
CHAIRPERSON, BOG SPA, NEW DELHI



**Prof. Yogesh Singh**  
DIRECTOR



## PREFACE



The origin of School of Planning and Architecture (SPA) dates back to the pre Independence era of 1941, when a Department named the Department of Architecture was setup in the Delhi Polytechnic. Subsequent to this, School of Town and Country planning was established in the year 1955, post- Independence. The School of Town and Country planning and the Department of Architecture was merged in the year 1959 leading to establishment of the School of Planning and Architecture, New Delhi which is a leading Institution in our Country in the knowledge domains of Rural, Urban and Regional Planning.

The SPA was accorded the status of a 'Deemed University' in the year 1979. This was followed by a very important development for the School when it was accorded the status of 'Institution of National Importance' by an Act of the Parliament in the year 2014.

The SPA offers academic programmes both at the Undergraduate and Postgraduate levels and operates from twin campuses at the Indraprastha Estate and Maharani Bagh, New Delhi.

At present, the School offers 02 Undergraduate programmes, 11 Postgraduate programmes and a Ph.D Programme in the diverse specialised knowledge domains of Planning and Architecture including emerging areas with the help of 105 fulltime sanctioned faculty and a number of visiting faculty who are involved in teaching learning of 1387 students at various levels.

As part of continuous endeavour of the School to pioneer in the field of Planning and Architecture, the first Integrated B. Planning – M. Planning programme was introduced in the year 2019 and the first batch of students were admitted in the year 2022-23 for this programme, creating a significant milestone in the history of the School. Apart from imparting professional education from various fields related to the built environment, the school has also been pursuing sponsored, research and institutional consultancy projects from various Institutions including Government bodies. The school currently has 76 consultancy projects all over India and 23 research projects sponsored by many National and International agencies like the Ministry of Housing and Urban Affairs, Ministry of Environment, Forest and Climate Change, British Council, Leeds University among others.

The School also organises capacity building initiatives and training workshops in collaboration with other Institutions from time to time. The faculty members of the School serve on Committees and Statutory Bodies of various Government and Statutory Organisations contributing knowledge towards a better built and natural Environment.

It is a matter of immense pride for the SPA that the School has maintained its 2<sup>nd</sup> position in the 'India Today' ranking for Architectural Education at the National level while securing 5<sup>th</sup> rank as per NIRF ranking for the year 2023.

The Annual Report 2022-23 is a compilation of the multifarious academic activities and significant all round achievements of various constituent units of the School during the year 2022-23 which exhibits continued dedicated endeavour of the School towards imparting quality education while upholding the social responsibilities, thereby constructively contributing towards Nation building.

I would like to take this opportunity to convey my sincere gratitude to the Hon'ble President of India, the Visitor of the School, Chairman, General Council, Chairman, Board of Governors of the School and the Officials of the Ministry of Education for their continuous support and constructive guidance in taking forward the mandate of the School for building a strong Nation.

Sd/-

**Prof. Yogesh Singh**  
**DIRECTOR**



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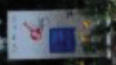
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Urban 2016  
An Interactive Exhibition





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## **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.

**Following courses were conducted by the School during the year  
2022-23:-**

<b>S No.</b>	<b>Name of the Course</b>	<b>Approved Intake</b>	<b>Duration</b>
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	Integrated B.Planning - M.Planning	15	5 years **
14	Doctoral Programmes (Full-Time/Part-Time)		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  
\*\*Students are admitted to programme after their seventh semester in B.Planning

## Enrolment of Students, Number of Existing students and strength- 2022-23:-

SL 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	143	136	136	116	117	<b>648</b>
2	Bachelor of Planning	44	38	38	28	-	<b>148</b>
<b>II.</b>	<b>POST-GRADUATE COURSES</b>						
1	Master of Planning (Urban Planning)	35	36	-	-	-	<b>71</b>
2	Master of Planning (Regional Planning)	14	17	-	-	-	<b>31</b>
3	Master of Planning (Environmental Planning)	12	17	-	-	-	<b>29</b>
4	Master of Planning (Housing)	22	26	-	-	-	<b>48</b>
5	Master of Planning (Transport Planning)	26	26	-	-	-	<b>52</b>
6	Master of Architecture (Architectural Conservation)	15	15	-	-	-	<b>30</b>
7	Master of Design (Industrial Design)	22	19	-	-	-	<b>41</b>
8	Master of Urban Design	23	24	-	-	-	<b>47</b>
9	Master of Landscape Architecture	24	22	-	-	-	<b>46</b>
10	Master of Building Engineering and Management	34	33	-	-	-	<b>67</b>
11	Integrated B.Planning –M.Planning	6					
<b>III.</b>	<b>Ph. D PROGRAMME</b>	123	-	-	-	-	<b>123</b>
	<b>GRAND TOTAL:</b>	<b>543</b>	<b>409</b>	<b>174</b>	<b>144</b>	<b>117</b>	<b>1387</b>



## RESERVATION OF SEATS

### UNDERGRADUATE, POST-GRADUATE PROGRAMMES:-

<b>Scheduled Castes</b>	(SC) -	<b>15%</b> (Intake)
<b>Scheduled Tribes</b>	(ST) -	<b>7.5 %</b> (Intake)
<b>Other Backward Class</b>	(OBC) -	<b>27%</b> (Intake)
<b>Economically Weaker Section</b>	(EWS) -	<b>10%</b>
<b>Physically Challenged</b>	(PH) -	<b>05% Seats</b> 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) -	<b>Two Seats</b> 1 each in B. Architecture & 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 sanctioned intake).	(KM) -	<b>Two Seats</b> 1 each in B. Architecture & B. Planning. <b>Four Seats</b> will be reserved over & above the total number of Post Graduate seats.

**STATEMENT SHOWING THE NUMBER OF BOYS & GIRLS PASSED OUT IN VARIOUS COURSES DURING 2021-22 (MAY, 2022)**

Name of the Course	No. of Students Passed with Dist.		1 <sup>st</sup> Class		2 <sup>nd</sup> Class		Total		Grand Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Bachelor of Architecture	27	24	20	11	1	1	48	36	84
Bachelor of Building Science	0	2	0	0	0	0	0	2	2
Bachelor of Planning	17	10	2	3	0	0	19	13	32
Master of Planning (Urban Planning)	14	24	0	0	0	0	14	24	38
Master of Planning (Regional Planning)	10	8	0	0	0	0	10	8	18
Master of Planning (Environmental Planning)	7	12	0	0	0	0	7	12	19
Master of Planning (Housing)	9	15	0	0	0	0	9	15	24
Master of Planning (Transport Planning)	13	11	0	0	0	0	13	11	24
Master of Architecture (Architectural Conservation)	1	7	2	2	1	0	4	9	13
Master of Design (Industrial Design)	13	14	0	0	0	0	13	14	27
Master of Urban Design	10	7	5	1	0	0	15	8	23
Master of Landscape Architecture	5	12	5	5	2	0	12	17	29
Master of Building Engineering and Management	15	14	4	0	0	0	19	14	33
Ph.D. Programmes	4	6	0	0	0	0	4	6	10
<b>Grand Total</b>	<b>145</b>	<b>166</b>	<b>38</b>	<b>22</b>	<b>4</b>	<b>1</b>	<b>187</b>	<b>189</b>	<b>376</b>

## CUMULATIVE OUT-TURN

The cumulative out-turn of the students qualified in various courses from the inception of the School till 2022-23 is as follows:-

Name of the Course	Cumulative Out-turn		Total
	2020-21	2021-22	
Bachelor of Architecture	3755	84	<b>3839</b>
Bachelor of Building Science	28	32	<b>60</b>
Bachelor of Planning	611	2	<b>613</b>
Master of Planning (Urban Planning)	739	38	<b>777</b>
Master of Planning (Regional Planning)	356	18	<b>374</b>
Master of Planning (Environmental Planning)	343	19	<b>362</b>
Master of Planning (Housing)	651	24	<b>675</b>
Master of Planning (Transport Planning)	555	24	<b>579</b>
Master of Architecture (Architectural Conservation)	295	13	<b>308</b>
Master of Design (Industrial Design)	325	27	<b>352</b>
Master of Urban Design	538	23	<b>561</b>
Master of Landscape Architecture	634	29	<b>663</b>
Master of Building Engineering and Management	700	33	<b>733</b>
Ph.D. Programmes	80	10	<b>90</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)			
i) Urban and Regional Planning	603	0	<b>603</b>
ii) Housing and Community Planning			
iii) Traffic and Transportation Planning			
<b>TOTAL</b>	<b>10353</b>	<b>376</b>	<b>10729</b>

**ENROLLMENT LIST - 2022-23**  
Statement showing the number of students enrolled under various reserved categories in Under-Graduate, Post-Graduate and Ph. D. Programmes during the session 2022-23 :-

S.No.	Courses by level of Education	General		SC		ST		OBC		NRI		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA		CIWG		EWS		Total Enrollment				
		M	F	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	17	32	11	9	4	5	12	23	0	0	0	0	1	1	3	3	4	0	0	2	1	1	1	7	6	58	85	143	
2	Bachelor's of Planning	11	6	3	3	3	0	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	27	16	43	
3	courses by level of Education	4	9	4	2	0	2	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	24	36	
4	Master's Degree Course in Regional Planning	2	5	0	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	10	14	
5	Master's Degree Course in Environmental Planning	3	4	1	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	14
6	Master's Degree Course in Housing	5	6	1	1	0	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12	11	23	
7	Master's Degree Course in Transport Planning	5	5	3	1	1	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	17	9	26	
8	Master's Degree Course in Architectural Conservation	1	6	0	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	15	
9	Master's Degree Course in Urban Design	5	4	2	2	0	1	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	13	23	
10	Master's Degree Course in Industrial Design	7	4	3	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	17	6	23	
11	Master's Degree Course in Landscape Architecture	4	7	2	2	0	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	16	24	
12	Master's Degree Course in Building Engineering & Management	3	9	4	2	0	2	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	16	19	35	
13	Ph.D.	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	30	
	<b>TOTAL</b>	<b>77</b>	<b>117</b>	<b>34</b>	<b>28</b>	<b>8</b>	<b>15</b>	<b>53</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>20</b>	<b>15</b>	<b>199</b>	<b>250</b>	<b>449</b>		

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	28	38	14	12	7	5	20	27	0	0	0	1	1	3	3	4	0	0	2	1	1	2	9	8	186
2	POST GRADUATE	39	59	20	16	1	10	33	36	0	0	0	1	0	0	0	0	0	0	0	0	0	0	11	7	233
3	PHD	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
4	Total	77	117	34	28	8	15	53	63	0	0	2	1	3	3	4	0	0	2	1	1	2	20	15	449	

**A summary of Enrollment of the students for the year 2022-23:-**

<b>S.No.</b>	<b>Course</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
<b>1</b>	<b>Under Graduates</b>	85	101	<b>186</b>
<b>2</b>	<b>Post Graduates</b>	104	129	<b>233</b>
<b>3</b>	<b>Ph. D. Scholars</b>	10	20	<b>30</b>
	<b>TOTAL</b>	<b>199</b>	<b>250</b>	<b>449</b>

## FORTIETH CONVOCATION

The Chairman admitted 248 post-graduands, 116 graduands, 2 Bachelor of Building Science, and 10 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

Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance at undergraduate and postgraduate studies. **RADHIKA MEHROTRA** (SPA/NS/UP/1464) Student of Master of Planning with specialization in Urban Planning and **ANUPRIYA AGGARWAL** (BP/765/2018) 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.

- **PAREKH MAITRI VIRENDRA** (SPA/NS/AC/924) SPA Gold Medal for the Best Student of Master of Architecture (Architectural Conservation).
- **ANU SAM** (SPA/NS/ID/373) SPA Gold Medal for the Best Student of Master of Design (Industrial Design).
- **SAHELI GHOSH** (SPA/NS/UD/914) SPA Gold Medal for the Best Student of Master of Urban Design.
- **VANSHIKA THANDRA** (SPA/NS/BEM/824) SPA Gold Medal for the Best Student of Master of Building Engineering and Management.
- **MISHA JOSE** (SPA/NS/LA/678) SPA Gold Medal for the Best Student of Master of Landscape Architecture.
- **ISHA SHANKAR DESHPANDE** (SPA/NS/HSG/656) SPA Gold Medal for the Best Student of Master of Planning (Housing).
- **SAYANI SEN** (SPA/NS/EP/394) SPA Gold Medal for the Best Student of Master of Planning (Environmental Planning).
- **SHIRIN MANGLA** (SPA/NS/RP/1495) SPA Gold Medal for the Best Student of Master of Planning (Regional Planning)
- **DIPANNITA KUNDU** (SPA/NS/TP/687) SPA Gold Medal for the Best Student of Master of Planning (Transport Planning).
- **SRISHTI BHARDWAJ** (SPA/NS/UP/1475) SPA Gold Medal for the Best Student of Master of Planning (Urban Planning).
- **RADHIKA MEHROTRA** (SPA/NS/UP/1464) Prof. N.S. Saini SPA Gold Medal for the Best Thesis of Master of Planning (Urban Planning and Regional Planning).

### **MEDALS / GENERAL PROFICIENCY PRIZES FOR UNDER GRADUATE STUDENTS**

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

**APARNA CHANDGOTHIA** (A/3018/2017) of Bachelor of Architecture.

**ANUPRIYA AGGARWAL** (BP/765/2018) of Bachelor of Planning.

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

**RAGHAV KRISHNAPPA RAMESH** (A/3077/2017) of Bachelor of Architecture.

**TRISHA UDUMUDI** (BP/763/2018) of Bachelor of Planning.

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

First Prize - **APARNA CHANDGOTHIA (A/3018/2017)**  
Second Prize - **MUSKAN JAIN (A/3068/2017)**.

**General Proficiency Prizes** in Bachelor of **Planning** was awarded to:-  
First Prize - **ANUPRIYA AGGARWAL (BP/765/2018)**  
Second Prize - **SHARANYA K G, BP/760/2018**.

**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 **DHANYA GURUNATHAN (A/3263/2019)** for the session 2021-22.

**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 **VITHIKA SETH (A/3155/2018)** for the session 2021-22.

**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 **ARUSHI SIVAPRASAD (A/3248/2019)** for the session 2021-22.

**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 RAMPAL (A/3137/2018)** for the session 2021-22.

**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 **RADHIKA MEHROTRA (SPA/NS/UP/1464)** for the session 2021-22.

**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 **SAJJAD AHMED T (LA/660)** for the session 2021-22.

**PROF. S.K. NARAYANA MEMORIAL ALUMNI GOLD MEDAL** is given out the endowment made in the memory of late Prof. S.K. Narayana, and are awarded to a student for the best "Thesis" in Building Engineering and Management. The award was given to **DINAH SIMON (BEM/797)** for the session 2021-22.

**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 2021-22. The award was given to **VANSHIKA THANDRA (BEM/824)** for the session 2021-22.

**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 **MISHA JOSE (LA/678)** for the session 2021-22.

**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 **SHUBHRA PAUL (ID/392)** for the session 2021-22.

**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 2021-22. The award was given to **E.S.ASHWINI (LA/672)** for the session 2021-22.

**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 **AMEG V (BP/795/2019)** & **RHEA BIVERLY PURTY (BP/811/2019)** for the session 2021-22.

**JAGMOHAN MEMORIAL AWARD** for Post Graduate Planning students from Second, Third or Fourth Semester belonging to weak financial background is shared among:

**MANMEET SHARMA (HSG/682)**  
**PARUL RAVINDRA AWASTHI (TP/721)**

**APOORVA RUSTAGI SCHOLARSHIP AWARD** for woman, Bachelor of Planning in the memory of Apoorva Rustagi for overall performance in Third and Fourth year Bachelor of Planning for the session - 2021-22:

**SHARANYA K G (BP/760/2018)**  
**RUPAL SRIVASTAVA (BP/769/2018)**

**R C GUPTA** best achiever award for meritorious student from EWS in First year in Regional Planning for the session 2021-22:

**ANKADALA YUVASRI (SPA/NS/RP/1537).**









**2.**

## **DEPARTMENTS OF STUDIES**



## 2.1 DEPARTMENT OF ARCHITECTURE

### 1. Academic Programs Offered by the Department

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

### 2. Year of Establishment of the Department : 1941

### 3. Faculty Profile:

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Prof. Dr. Anil Dewan	Professor of Architecture	B.Arch., MBEM, Ph.D	Architecture, Health Facilities Planning and Design, Project Management.
Prof. Manoj Mathur	Professor of Architecture	B.Arch.	Architecture, Health Facilities Planning and Design, Project Management
Prof. Dr. Aruna Ramani	Professor of Architecture	B.Arch., M. Plan (housing), PhD in Architecture	History, design research, sustainable use of water
Prof. Dr. Jyoti Pandey Sharma	Professor of Architecture	Ph.D. De Montfort University, UNITED KINGDOM	Architectural and Urban History; Built Heritage

Prof. Dr. Chitrarekha Kabre	Professor of Architecture	B.Arch. MANIT Bhopal, 1985 (distinction) M.B.E.M., SPA New Delhi, 1989 (Gold medal) Ph.D. in Architecture, University of Queensland, Australia 2008	Sustainable building design and assessments Regenerative Design and Development of built environment Computer Aided Architectural Design Project Management Architectural
Prof. Dr. Bandana Jha	Professor of Architecture	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, Retrofit of Buildings Indian Institute of Technology	<ul style="list-style-type: none"> <li>• Energy Retrofit of Buildings</li> <li>• Energy Simulation of Buildings</li> <li>• Decarbonization of Buildings</li> <li>• Building Science</li> <li>• Climate Responsive Architecture</li> <li>• Energy Efficiency in Buildings</li> <li>• Thermal Comfort in Built Environment</li> <li>• Lighting, Daylighting and Visual Comfort</li> <li>• Housing, Hospital &amp; Hospitality Design Frameworks</li> <li>• Design Frameworks for People</li> </ul>
Prof. Dr. Binod Kumar Singh	Professor of Structural Engineering	Ph.D. (IIT Delhi)	Structural Engineering

Dr. Leon Angelo Morenas	Associate Professor of Architecture	Ph.D in Architectural Sciences	Science and Technology Studies, Design Pedagogy, Urban Design, Smart Cities
Dr. Shweta Manchanda	Associate Professor of Architecture	B.Arch, M.Phil., PhD.	Environmental Design
Dr. Shuvojit Sarkar	Associate Professor of Architecture	P.hD, M.Planning, B.Arch	<ul style="list-style-type: none"> <li>• Human Settlements and Vernacular Architecture</li> <li>• Urban Environment and Ecology</li> <li>• Energy Efficiency in Buildings</li> </ul>
Dr. Prabhjot Singh Sugga	Associate Professor of Architecture	Phd, M.S.(UP), B.Arch	Redevelopment, systems integration, green buildings,
Dr. Jatinder Kaur	Associate Professor of Architecture	Ph.D., M. Tech. in Construction Technology and Management, B.Arch.	<ul style="list-style-type: none"> <li>• Energy Efficient Building Envelope Design</li> <li>• Sacred Sikh Architecture</li> <li>• Religion and Sustainability</li> </ul>



Ms. Parul Kiri Roy	Assistant Professor of Architecture	B.Arch. and Post Graduation M.F..A (Master in Fine Arts) in History of Art, Ph.D.ongoing	Art and Architectural History, Theory of Design, Architectural Anthropology, Vernacular Built
Dr. Sunil P. Srivastava	Assistant Professor of Civil Engg.	B.Sc.Engg.(Civil), M.E.(Civil), Ph.D. (Civil Engg.)	Soil Mechanics and Foundation Engineering
Ms. Arpita Dayal	Assistant Professor of Architecture	M. Arch, B.Arch.	Urban Design
Ms. Anjali Mittal	Assistant Professor of Architecture	B. Arch (TVB School of Habitat Studies; MSc in City Design and Social Science, London School of Economics, UK; Phd at the School of Development Studies, Ambedkar University (Ongoing)	Urban studies, urban sociology, socio-spatial studies, labour and spatial stuiies.
Dr. Saptrishi Sanyal	Assistant Professor of Architecture	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	Architectural History and Theory; Architectural Knowledge Systems; Visual Representations

Ms. Mekhla Parihar	Assistant Professor of Architecture	B. Arch. – MANIT, Bhopal, 2002 M. Arch. – Kansas State University, Kansas, USA, 2005	Environment Behavior, Architectural Anthropology, Displacement, Tribal Communities, Habitat Studies, Architectural Education and edagogy
Ms. Vandana Kothari	Assistant Professor of Art	Master's in Fine Arts and Bachelor's in Fine Arts	History of Art & Painting
Dr. Khushal Matai	Assistant Professor of Architecture		
Mr. Dhrubajyoti Padun	Assistant Professor of Architecture	Master of Architecture	Architectural Design
Mr. Amit Kumar	Assistant Professor of Architecture	B.Arch, M.Plan	Architecture, Urban-Regional Planning, Urban Design, Interior Design
Mr. Kandipilli Mehar Kumar	Assistant Professor of Architecture	B.Arch, Masters in Planning(Urban & Regional Planning),Master of Arts in Rural Development, PG Diploma in Town and Country Planning	<ul style="list-style-type: none"> <li>• Vernacular Architecture</li> <li>• Human settlements and Town Planning</li> <li>• Building Services- Electrification</li> <li>• Architectural Acoustics</li> <li>• Energy Efficiency in Buildings</li> <li>• Water Waste Management</li> <li>• Lighting, Day lighting and Visual Comfort</li> <li>• Housing</li> <li>• Disaster Management</li> </ul>

Dr. Kshetrimayun Bangkim Singh	Assistant Professor of Architecture	PhD	Architecture and City Planning, Urban Science and Engineering
Mr. Krishna Prakash	Assistant Professor of Architecture	B.Arch., M.Tech (Infrastructure Design and Management), PhD (pursuing)	<ul style="list-style-type: none"> <li>• Building Science</li> <li>• Climate Responsive Architecture</li> <li>• Earthquake Resistant Architecture</li> <li>• Architectural Acoustics</li> <li>• Energy Efficiency in Buildings</li> <li>• Thermal Comfort in Built Environment</li> <li>• Lighting, Daylighting and Visual Comfort</li> </ul>
Mr. Thomas Krishna Pegu	Assistant Professor of Architecture	Master of Planning (Housing), Bachelor of Architecture	Housing
Mr Mohammed Athar Mansury	Assistant Professor of Architecture	Master's Degree in Architecture	Building Services
Dr. Arathy Gopal	Assistant Professor of Architecture	B.Arch, M.Planning, Pursuing PhD	Change in urban form, Neuroscience for Architecture

Mr. Ankit Kumar	Assistant Professor of Architecture	BArch, PG-PCM, PhD(Pursuing)	Building Services Building Construction Disaster Management Barrier Free Design Fire Safety, HVAC Universal Design Working Drawings
Ms. Neha Prakash Korde	Assistant Professor of Architecture		

#### 4A. Details of teaching work undertaken in the Department

Name	SUBJECTS	SEM	Hours/ week	TYPE
Bandana Jha	Architectural Design 7	7	9	Studio
	Building Energy Simulation Elective	3	2	Theory & Simulation
	Architectural Research / Dissertation Guide	9	1	Research
	PhD Guide	-	4	Research
	Architectural Design Thesis	10	10	Studio
	Building Energy Simulation Elective	3	2	Theory & Simulation
	PhD Guide		10	Research
Chitrarekha Kabre	AR 1.01 Architectural Design (Studio Director)	I	8	Studio
	Coordinator AR 1 Architectural Research Seminar	VII	5	Tutorial
	AR 2 Architectural Research - Dissertation (guide)	IX	3	Studio
	AR 4.10 Renewable Energy System	IV	2	Theory
	AD10 Architectural Design Thesis Studio Director	X	10	Studio
Jatinder Kaur	Architectural Design-1	1	8	Studio
	Model Making Workshop-1	1	3	Studio
	Site Planning & Landscape Studies-3	3	2	Theory
	Seminar-7	7	2	Studio
	Architectural Design 2	2	8	Studio
	Visual Arts & Basic Design-2	2	3	Studio
	Solar Active & Passive Systems-3	2	2	Theory
	Theory of Structures-4	4	2	Studio
Shuvojit Sarkar	Architectural Design	VII	8	Studio
	Project management	VII	2	Studio
	Computer applications	III	2	Studio
	Seminar	VII	3	Theory
	Elective (Dept. Elective -Urban Ecology)	IV	2	Theory
	Specification and Contract	VI	2	Studio
	Architectural Design	IV	3	Studio
Sunil Prasad Shrivastava	Theory of Structures	3	2	Lecture
	Theory of Structures	3	2	Tutorial
	Theory of Structures	4	2	Lecture
	Theory of Structures	4	2	Tutorial

Mekhla Parihar	Architectural Design – 2 <sup>nd</sup> Year, Computer Applications – 2 <sup>nd</sup> year, Architectural Research – 3 <sup>rd</sup> Year, Dissertation - Coordinator & Guide– 5 <sup>th</sup> Year	16	16	Studio
	Architectural Design – 2 <sup>nd</sup> Year, Art and Architectural Appreciation – 2 <sup>nd</sup> year, Visual Arts Basic Design – 2 <sup>nd</sup> Year, Architectural Research – 3 <sup>rd</sup> Year	16	16	Studio
Krishna Prakash	SURVEYING	2	2	Tutorial
	MODEL MAKING AND WORKSHOP	1	3	Workshop
	ELECTRIFICATION, LIGHTING & ACOUSTICS	4	2	Lecture
	EARTHQUAKE RESISTANT ARCHITECTURE (INSTITUTIONAL ELECTIVE)	9	2	Lecture
	BUILDING CONSTRUCTION	2	4	Tutorial
	ARCHITECTURAL DESIGN	2	8	Tutorial
	Architectural Acoustics and Environmental Noise Control	9	2	Lecture
Thomas Krishna Pegu	AR2.03 - Computer Application	2	2	Tutorial
	AR2.10 - Professional Communication	2	0	Tutorial
	AR2.01 - Architecture Design	2	8	Tutorial
	AR1.01 - Architecture Design	1	8	Tutorial
	AR1.08 - Human Settlement and Vernacular Architecture	1	2	Lecture
	A1.09 - Professional Communication	1	0	Tutorial
	AR2.08 - History of Architecture	2	2	Lecture
	AR6.05 - Sustainable Urban Habitat	6	2	Lecture
	AR1.07 - Model Making / Workshop	1	3	Workshop
	AR7.05 - Architecture Research	7	5	Tutorial
Ankit Kumar	Architectural Design (9hr/week)	7	9	Studio
	Working Drawing (6hr/week)	7	6	Studio
	HVAC, Mechanical Mobility & Fire Safety (3hr/week)	5	3	Lecture
	Architecture – Research -Seminar	7	2	Tutorial
	Architectural Design (8hr/week)	4	8	Studio
	Building Construction (3hr/week)	4	3	Studio
	Sustainable Urban Habitats (2hr/week)	6	2	Theory
	Practical Training	8		
Mehar Kumar	Architectural Design	VII	8	Studio
	Working Drawings	VII	6	Studio
	Project Management	VII	2	Studio
	Water Waste Management	III	2	Theory
	Building Construction	IV	3	Studio
	Theory of Structure	IV	2	Studio
	Electrification Lighting & Acoustics	IV	2	Theory

	Elective (Dept. Elective-Human Settlements and Town Planning)	IV	2	Theory
	Estimation & Costing	VI (Sec B)	2	Studio
	Estimation & Costing	VI (Sec C)	2	Theory

#### 4B. Details of teaching work undertaken by Visiting Faculty

S.N.	Name of Visiting Faculty	Subject Code	Lecture	Studio	
			Hrs./week	Hrs./week	Total Hrs.
1	Rajeev Aggarwal	AR9.01	1	8	9
2	Suneet Mohindru	AR9.01	1	8	9
3	Sandip Kumar	AR9.01	1	8	9
4	Shhilpi Sinha	AR9.01 & Diss.		10	10
5	Raman Vig (VP)	AR9.01 & 9.02	1	11	12
6	Kamal Raj Arora	AR9.02		2	2
7	Vikas Kannaujia	AR9.01	1	8	9
8	B K Tanuja	AR9.01	1	8	9
9	Shiriesh Malpani	AR9.01	1	8	9
10	Archana Khanna	AR9.01	1	8	9
11	Tushar Agarwal	AR9.02		2	2
12	Varun Seth	AR9.02		2	2
13	Ramneet Kaur	AR1.07, 1.03, 1.05 & 1.09	3	7	10

14	Prabha Ghai	AR1.07, 1.04, 1.06 & 1.09	5	6	11
15	Tapan Chakravarty	AR1.01		8	8
16	Taniya Sanyal	AR1.01 & 1.03		11	11
17	Anurag Roy (VP)	AR1.04 & 5.06	1	11	12
18	Saurabh Singh	AR1.03, 1.04 & 1.09	3	8	11
19	Prasantha Mukerjee	AR1.02		12	12
20	Francis Joseph	AR7.06 & 1.02	2	7	9
21	Anupama Chatterjee	AR1.02 & 3.02		10	10
22	Vishal Ranjan	AR1.02		6	6
23	Pavan Buragohian	AR1.02		4	4
24	Artika Aggarwal	AR1.03, 1.09 & 3.03	3	9	12
25	Bilal Khan	AR1.03 & 3.02		7	7
26	Shivendra Gupta	AR 1.05, 1.07 & 3.03		10	10
27	Mousmi Biswas	AR1.05 & 7.04	7	4	11
28	Rajeev Mahajan	AR1.05		4	4
29	Raja Singh	AR 1.05, 5.04, 7.06 & 9.02	4	6	10
30	Richard A. Barraud (VP)	AR1.01 & 1.04	1	11	12
31	Sakshi Singhal	AR1.01 & 1.07		11	11
32	Satyakam Saha	AR1.02		8	8
33	Vivek Verma (VP)	AR1.01 & 1.04	1	11	12
34	Peu Banerjee	AR1.01 & Diss.		10	10
35	Anuj Srivastava	AR1.09 & 7.02	3	6	9
36	Abha Kohli	AR1.02 & 3.02		7	7
37	Anubhav Kumar	AR1.03, 3.05 & 5.03	2	9	11
38	Reema Jain	AR1.04 & 3.01		11	11
39	Kalpana Taygi	AR1.07 & 7.05	2	3	5
40	Vikas Gandhi	AR3.01		8	8
41	Shalini Raman Vig	AR3.01, 3.05 & 7.06	2	9	11
42	Sushant Jain	AR3.03 & 7.01		11	11
43	Abhinav Gupta	AR 3.03		3	3



44	Ankur Yadav	AR3.03, 1.05 & 1.03		7	7
45	Shyam Meher	AR3.03 & 5.09	3	9	12
46	Roohan Segel	AR3.02 & 3.09	5	6	11
47	Urvi Khanna	AR3.02		3	3
48	Kapil Mathur	AR3.01 & 3.02		11	11
49	Ipsita Mondal	AR3.02 & 3.09	3	3	6
50	K C Yadav	AR3.05, 5.03 & 7.04	3	8	11
51	Rahul Patel	AR3.05		4	4
52	Sanjay Mehra	AR3.04 & 7.06 & AR9.04	3	5	8
53	Mohd. A Pasha	AR3.04	1	9	10
54	Lalit Solanki	AR3.04		9	9
55	P. Madhavi	AR3.06, 3.02 & 7.02	2	9	11
56	Tarun Kumar	AR3.01		8	8
57	Pawan Tandon	AR3.04		6	6
58	Gauri Gandhi	AR3.01		4	4
59	Amardeep Labana (VP)	AR3.03 & 5.01	1	11	12
60	Ashok Grover (VP)	AR3.01 & 3.04	1	11	12
61	Mohit Verma	AR3.01		8	8
62	Shruti Singh	AR3.02		3	3
63	Somi Chatterjee	AR3.09 & 7.06 & 3.10	7		7
64	Mukesh Jain	AR3.05		2	2
65	Gaurav Dixit	AR3.10	2		2
66	Divyani Pahwa	AR3.10	2		2
67	Tina Bali	AR5.01		8	8
68	Radhika Viswanthan	AR5.01 & 5.02		11	11
69	Pradeep Aggarwal	AR5.06	1	4	5
70	Ravish Mehra	AR5.02	1	3	4
71	Jasmeet Singh	AR5.01 & 5.02		11	11
72	Rajesh Luthra	AR5.08	2		2
73	Ashwani Datta (VP)	AR5.01 & 5.02 & AR9.04	1	13	14

74	Deepti Gupta (VP)	AR5.01 & 5.03	2	10	12
75	Praveen Vashisht	AR 7.01		3	3
76	Alok Sachdev	AR5.03 & 5.06	1	4	5
77	Punit Sethi	AR5.02	2	6	8
78	Parul Walecha	AR5.02, 5.09 & 7.02	2	9	11
79	Dhiraj Khanna	AR5.02, 7.02 & 7.03		9	9
80	Anand Dhote (VP)	AR5.01 & 5.02	1	11	12
81	Gunmeet Kaur	AR5.01 & 5.02		11	11
82	Gaurav Shorey	AR5.04, 7.05 & 7.06	6		6
83	Shobna Batra	AR5.02		3	3
84	Sonali Bhatla	AR5.09	3		3
85	Kamya Khurana	AR5.09	3		3
86	Anuj K.	AR1.03		2	2
87	Aftab Alam	AR5.03 & 1.05		4	4
88	Mandeep Singh	AR 7.02		6	6
89	Sandal Kapoor	AR7.01 & 7.06 & 9.02 & AR9.04	3	9	12
90	Taranjit Singh	AR7.01 & 3.10	3	8	11
91	Pavan Gupta	AR7.03, 7.06 & 7.02	3	8	11
92	Vyjayanti R.	AR7.01	1	5	6
93	Amit Talwar	AR7.06	2		2
94	Naveen Chandra	AR7.04	6		6
95	Amit Gupta	AR7.04	6		6
96	Sushil Aggarwal	AR7.01 & 9.02		10	10
97	Arvind Kumar Jain	AR7.01	1	8	9
98	Aastha Singh	AR7.06	2		2
99	Puneet Thakare	AR7.06	2		2
100	Chetna Pant	AR7.02		6	6
101	Sonia Kapre	AR7.02 & 7.03	1	8	9
102	Nitin Singla	AR7.03	1	2	3
103	Suneet Paul	AR7.06	2		2
104	Urmimala Guha	AR7.02		6	6

105	Aashish Vadera	AR9.02		2	2
106	Anupam Bansal	AR9.02		2	2
107	Mahesh Singh	AR1.04 & 1.07		9	9
108	Prasoon Gupta	AR1.03,1.05 &1.07		10	10
109	Bhavya Godra	AR1.03 & 3.02		5	5
110	Rahi Nagpal	AR1.09	3		3
111	Rashmi B. Tandon	AR9.04		2	2
112	Meena Murthy	AR9.04		2	2

### 5. 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</p>

	The basics of anthropometry and explored form through models.
IB	<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>
IB	<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>
IC	<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. 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>

IC	<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>
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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. 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</p>

	elements of space.
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> <ol style="list-style-type: none"> <li>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.</li> <li>b. Kitchen Design – A dream kitchen for anyone known to student who loves to cook.</li> <li>c. House Design - The client for each student is based on students' hobbies.</li> </ol>
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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> <p>“A Home for Future” as a home with altered meanings in context of Covid pandemic</p> <ol style="list-style-type: none"> <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:</p> <p>Affordable EWS Housing in Greater Noida</p> <p>Mixed Development Group Housing in Dehradun/Bhimtal Incremental Housing in Jaipur</p> <p>Recreational Beach Villas /Holiday Homes in Goa/Bhimtal</p> <p>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 Mandait the design of highrise buildings with consiteration for energy efficiancy ,spatial efficaiany 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>



## 6. List of Thesis Topics

THESIS REPORTS 2023 SEC-A				
S.No.	Roll No.	Name	Topic	Section
1	A/3209/2018	RITVIK MESHAM	MOPA INTERNATIONAL AIRPORT, PERNEM, GOA	A
2	A/3098/2017	STANZIN CHOSTAK	EKLAVYA MODEL RESIDENNTIAL SCHOOL NUBRA, LADAKH	A
3	A/3228/2018	ASHNA SHRESTHA	HEALTHCARE INSTITUTE THROUGH THE LENS OF BIOPHILIC ARCHITECTURE, NEPAL	A
4	A/3170/2018	MUKUL BAGORIA	COMMERCIAL MIXED-USED DEVELOPMENT, GURUGRAM	A
5	A/3038/2017	HARSHITHA RAVINDRAN KAMMARI	BUILDING CONNECTIONS:THE INTERSECTION OF ARCHITECTURE & DEMENTIA, NEW DELHI	A
6	A/3210/2018	MILENIYAM PRAKASH JIWANE	NAYA RAIPUR SPORTS HUB,NAYA RAIPUR,CHHATTISGARH	A
7	A/3144/2018	ADITYA M NAIR	NEHRU STADIUM REDEVELOPMENTR, KOTTAYAM, KERELA	A
8	A/3201/2018	CHAITANYA GAJBHIYE	BIOPHILIC IT PARK, CHIMBEL, GOA	A
9	A/3134/2018	PRIYANKA AGGARWAL	IN-SITU SLUM REHABILITATION INDIRA KALYAN VIHAR, OKHLA PHASE-I, NEW DELHI	A
10	A/3027/2017	C. TILAK	INDIAN NATIONAL WAR MUSEUM, NEW DELHI	A
11	A/3121/2018	AVNI GUPTA	RAJASTHAN INTERNATIONAL CENTRE, JAIPUR	A
12	A/3216/2018	PREYANSHU PARDHI	ENGAGING THE URBAN WATERFRONT INTERPRETATION OF A COMMUNITY CENTRE ALONG NEW DELHI'S NAJAFGARH NALLAH	A
13	A/3159/2018	ARITRO DE	"पारगमन" INTERMODAL TRANSIT AND COMMERCIAL HUB, YESHWANTHPUR, BENGALURU, KARNATAKA	A
14	A/3036/2017	HARDEEP SINGH	GOVERNMENT MEDICAL COLLEGE AND HOSPITAL MANDLA, MADHYA PRADESH	A
15	A/3157/2018	PRATYUSH ANAND	COMMERCIAL CENTRE SECTOR 10, DWARKA , NEW DELHI	A
16	A/3177/2018	SWETHA RAVICHANDRAN	URBAN CROSSROADS: INTEGRATED MOBILITY HUB SHIVANAGAR, BENGALURU	A
17	A/3223/2018	POOJA MURALIDHARAN	HEALING GROVE PALLIATIVE CARE CENTRE DELHI	A
18	A/3120/2018	GANESH ANAND GHATTE PRAKASH	RIVERFRONT SOCIO-CULTURAL CENTRE, ADYAR RIVERFRONT,KOTTURPURAM, CHENNAI	A

19	A/3023/2017	AYUSHI BANSAL	ANANDAMAYA KOSHA (A CENTRE FOR SPIRITUAL WELLNESS) SABARMATI RIVERFRONT, AHMEDABAD	A
20	A/3171/2018	PRASHANT PAL	WELLNESS RESORT, FAUGLI TIKKA KULARA ISLAND, PATHANKOT	A
21	A/3103/2017	UDAY PRATAP GUPTA	INTERLINK MULTI MODAL TRANSIT HUB	A
22	A/3156/2018	RIYA KHATRI	A HOME FOR THE HOMELESS, CENTRE FOR STREET CHILDREN, SAHADARA, NEW DELHI	A
23	A/3136/2018	ASHIMA SAINI	SCHOOL FOR PERFORMING ARTS, JAIPUR, RAJASTHAN	A
24	A/3193/2018	NANDKISHORE K	WOODEN RENAISSANCE OF KERELA, CENTRE OF EXCELLENCE FOR WOODEN ARCHITECTURE AND CRAFTSMANSHIP, KALLAI, KERALA	A
25	A/3139/2018	RITESH KUMAR	RAJA UDAI SINGH INTERNATIONAL CRICKET STADIUM, UDAIPUR, RAJASTHAN	A
26	A/3131/2018	AMAN RAJ	NATIONAL INSTITUTE OF SKILL DEVELOPMENT & FASHION TECHNOLOGY BAREILLY, UTTAR PRADESH	A
27	A/3130/2018	HIMANI	WORLD TRADE CENTRE, CHANDIGARH, S.S.S NAGAR, PUNJAB	A
28	A/3008/2017	AANCHAL MAHUR	AROHAN VIDHYALAYA: A SCHOOL OF INITIATIVE & ENTERPRISES, AT SUNDER NAGRI, DELHI	A
29	A/3203/2018	SHUBHA JAYANT	MIXED-USE COMMERCIAL HUB SAHIBABAD	A
30	A/3025/2017	BHASHYAM PAVANI	BEACH RESORT AND ARTISAN VILLAGE CANSULIM, GOA	A
31	A/3207/2018	SUKHVINDER KAUR	MIXED-USE CONVENTION CENTRE, COMMERCIAL HUB & HOTEL, SECTOR 43, CHANDIGARH	A
32	A/3187/2018	DEEPAK JANGIR	INTEGRATED SPORTS COMPLEX, DWARKA, DELHI	A
33	A/3052/2017	KONDA SHASHI KIRAN REDDY	MIXED-USE IT PARK, HYDERABAD, TELANGANA	A
34	A/3142/2018	SHAIK SADIQ RASOOL	AUTOMOTIVE MUSEUM, JAYPEE SPORTS CITY, GREATER NOIDA	A
35	A/3161/2018	SHIVANI YADAV	RESIDENTIAL SCHOOL, SECTOR 132, YAMUNA EXPRESSWAY, NOIDA, UTTAR PRADESH	A
36	A/3174/2018	PRADEEP SHOORA	SCHOOL OF PLANNING AND ARCHITECTURE, JAIPUR, RAJASTHAN	A
37	A/3153/2018	MUSKAAN SANDHU	MIXED USE CONVENTION CENTRE, IT CITY MOHALI, PUNJAB	A
38	A/3226/2018	SHUBHADEEP	NEW INTEGRATED TERMINAL BUILDING,	A

		SARKAR	AIRPORTS AS URBAN NARRATIVES, A CULTURAL INFRASTRUCTURE OF GLOBAL TRANSIT	
39	A/3127/2018	YASH JAIN	NEXUS OF PROGRESS TRANSIT ORIENTED DEVELOPMENT KARKARDOOMA, DELHI	A
40	A/3208/2018	SWAPNIL BISWAS	ECOVID BEACH RESORT AND BANQUET SHAMUKHA, ORISSA	A
41	A/3215/2018	AKANKSHA SHILPI KACHHAP	EKLAVYA MODEL RESIDENTIAL SCHOOL PATNA, BIHAR	A
42	A/3185/2018	VANGARI RAHUL	KALA BHARATHI, A CULTURAL HUB FOR TELANGANA, HYDERABAD, TELANGANA	A
43	A/3088/2017	SAYANTAM BALA	SANGAMAYA, COMMUNITY CENTRE, GEETA COLONY, NEW DELHI	A
44	A/3149/2018	PRAJWAL S R	BHOGAPURAM INTERNATIONAL AIRPORT, VIZIANAGARAM, ANDHRA PRADESH	A
45	A/3080/2017	RAJAT RAJ	"LEARN FROM NATURE" TERI PRAKRITI SCHOOL, GURUGRAM, HARYANA	A
46	A/3191/2018	THARUN KARTHICKEYAN S	COIMBATORE INTERNATIONAL AIRPORT, TERMINAL 3, COIMBATORE, TAMIL NADU	A
47	A/3219/2018	SHEEN PARIMOO	HOUSING THE TRANSIENT GENERATION, CO-LIVING FACILITY IN GURGAON, HARYANA	A
48	A/3214/2018	SHREYAS N	MARKET REDEVELOPMENT, REVITALISING K R MARKET, BENGALURU, KARNATAKA	A
50	A/2975/2016	SHASHWAT PRAKHAR	INTERGRATED TERMINAL 3, CHAUDHARY CHARAN SINGH INTERNATIONAL AIRPORT, LUCKNOW	A
51	A/3097/2017	SRISHTI GARG	REDEVELOPMENT OF PINWOOD INTERNATIONAL BOARDING SCHOOL, FARIDABAD DISTRICT, HARYANA	A
52	A/3137/2018	MUSKAAN RAMPAL	CENTRE FOR TRADITIONAL ARTS AND CRAFTS, BADAGRAN, MANALI, HIMACHAL PRADESH	A
53	A/3122/2018	ANIMESH PALIWAL	LEARNING CENTRE FOR INDIVIDUALS ON THE AUTISM SPECTRUM, INDIA AUTISM CENTRE SIRAKOLE, KOLKATA	A
54	A/3166/2018	KOLATA TEJASWI	IN-SITU REDEVELOPMENT, KESHAV NAGAR, HYDERABAD	A
55	A/3118/2018	HARDIK MITTAL	TRANSIT-ORIENTED DEVELOPMENT AT KAMLA MARKET, AJMERI GATE, DELHI	A
56	A/3099/2017	SURBHI SHARMA	MUSEUM OF KNOWLEDGE, CHANDIGARH INDIA	A
57	A/3140/2018	BOMPELLEY SAI RUTHWIK RAO	IN-SITU SLUM REHABILITATION MOHAMMADPUR, NEW DELHI	A

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

**Total No. of Full Time PhD Scholars: 06**

S.No.	Name of Student	Topic	Guide
1.	Ms. Amisha Jangra	Assessment of the Contribution of Historic Gardens to the Quality of Life: A case of Delhi	Prof. Dr. Jyoti Pandey Sharma
2.	Ms. Shaista Perveen	The Contemporary Mosque: its role in the social and Physical Structure of the City	Prof. Dr. Aruna Ramani Grover, Prof. Dr. Jyoti Pandey Sharma
3.	Ms. Pankaj Dhayal	Assessment of Indoor Environment Quality with specific reference to visual comfort in higher education buildings in NCR.	Prof. Dr. Bandana Jha
4.	Ms. Nandini Bhandari Sharma	Development of a Design Framework for Residential Spaces inhabited by individuals with autism spectrum disorder.	Prof. Dr. Bandana Jha
5.	Ms. Nilofar Saifi	Development of a Net Zero Solid Waste Management Model on Site for Existing Residential Built Environment through Recycling, Up cycling and Repurposing Centre	Prof. Dr. Bandana Jha
6.	Ms. Kirti Gupta	Examining the impact of Present Day Dwelling on the Cultural Identity of a Place: A case of Himalayan Region in the context of Kaath – Khuni Building Tradition	Prof. Dr. Jyoti Pandey Sharma

**Total No. of Part Time PhD Scholars: 24**

S. No.	Name of Student	Topic	Guide
1.	Ms. Parul Kiri Roy	Subaltern Modernities: Kaccha-pakka and the House in Rural India	Prof. Manoj Mathur, Prof. P.S.N. Rao
2.	Ms. Abhilasha Panwar	Porosity, Thermal Insulation and Structural Properties of Ferro cement Autoclaved Aerated Concrete Panel Impregnated with Paddy straw	Prof. Dr. Binod Kumar Singh
3.	Ms. Gunjan Jain	Evaluation of the energy efficiency of Alternative Construction Technologies in the Affordable Housing Section in India	Dr. Shweta Manchanda, Prof. Dr. Mandeep Singh
4.	Ms. Urvashi Srivastava	Reducing Vulnerability of Public Spaces to Urban Processes; The case of Inner Core Area in Historic Cities in Rajasthan	Prof. Dr. Anil Dewan, Dr. Amit Hajela
5.	Ms. Kshitij Kumar Sinha	Mapping Human Behaviour for AI enabled Architecture: In Pre-Design and Post	Prof. Manoj Kumar, Prof. Dr. Arun

		Occupancy Phase	Sharma
6.	Mr. Abhijit Pariyal	Understanding the Changing Urban Identity of Surat	Prof. Manoj Mathur
7.	Ms. Amrita Madan	The architect in a disruptive world the systematic relationship between practice and pedagogy	Prof. Manoj Mathur
8.	Ms. Shalini Raman Vig	Pre-standrisation study to enolve Architectural Design Guidelines for home hospitalization and isolation in Urban Indian Context	Prof. Dr. Anil Dewan
9.	Ms. Radhika G.	Framework for Comfort & Emergency preparedness for people with special needs in Mass Transit Building	Prof. Dr. Bandana Jha
10.	Ms. Komika Walia	Accessibility of Education Campuses in India	Dr. Shuvojit Sarkar, Prof. Dr. Anil Dewan
11.	Ms. Nisha Sharma	Energy Efficiency Strategies in residential sector for composite climate	Prof. Dr. Bandana Jha
12.	Mr. Sobhagya Mittal	Cost of Social Sustainability in Hospital Buildings	Prof. Dr. Anil Dewan, Dr. Shuvojit Sarkar
13.	Ms. Tanushree Das	Architectural Design Quality Assessment Framework for School Buildings in India	Prof. Dr. Chitrarekha Kabre, Prof. Dr. Anil Dewan
14.	Mr. Mohdammed Athar Mansury	Energy Efficiency Modelling of High-density Residential buildings in India	Prof. Dr. Bandana Jha
15.	Ms. Rekha Bhaskaran	Framework for Spatial Equity in Residential Clusters and Public Spaces. The case of DDA-SFS Colonies in Delhi	Prof. Dr. Anil Dewan, Dr. Amit Hajela
16.	Mr. Pushkar Pawar	Post Pandemic Urban Health Challenges and Urban Built Forms	Prof. Dr. Anil Dewan/ Prof. Dr. Meenakshi Dhote
17.	Ms. Nidhi Dandona	Age Friendly Cities	Prof. Manoj Mathur, Dr. Prabhjot Singh Sugga
18.	Ms. Rashmi Baluja Tandon	Strategies for Quality in Architecture Education in India	Prof. Dr. Anil Dewan, Dr. Amit Hajeal
19.	Ms. Kalpana	Lifecycle Energy Analysis Framework for Affordable Housing in the context of India	Prof. Dr. Chitrarekha Kabre
20.	Ms. Dipti Ashwini Shukla	Human Living conditions for the immigrant workers in Dubai Affordable shared Housing	Prof. Manoj Mathur, Dr. Shuvojit Sarkar
21.	Ms. Archana	Identification and assessment of Built elements in Primary Schools which offer play affordances for early childhood development.	Dr. Jatinder Kaur

22.	Ms. Radha Dayal	Transformation of Cinema Theatres	Prof. Manoj Mathur, Dr. Prabhjot Singh Sugga
23.	Ms. Saniya Siddiqui	Examining Princely Bhopal in Colonial India: Drawing Lessons for a Gender – Responsive Built Environment.	Prof. Dr. Jyoti Pandey Sharma
24.	Mr. Jigar Ajaybhai Rathod	Framework for Restoration of Heritage Structure	Prof. Dr. Binod Kumar Singh

## 2.2 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 Qualifications	Areas of Specialization
Priyaleen Singh	Professor	B.Arch, M.Landscape  Arch, M.A.Conservatio,  PhD	Urban conservation,  Cultural landscapes,  Historic gardens
Anuradha Chaturvedi	Associate Professor, Head of Department of Architectural Conservation , Head in charge Department of Regional Planning	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)	Architectural Conservation, Heritage Management, Historic Urban Landscapes and Cultural Landscapes, Sustainable Development, Heritage Information Management Systems.
T. Lakshmi Priya	Assistant Professor	Masters in Architectural Conservation	Integrated Urban Conservation,  Heritage Management

#### 4A. Details of teaching work undertaken in the Department

Name	Subject	Hours	Type
Priyaleen Singh	History Theory of Conservation	1	Lecture
	Design studio	12	Tutorial
	Design studio	12	Tutorial
	Conservation of historic gardens (Elective)	2	Lecture
	Thesis studio	12	Tutorial
Anuradha Chaturvedi	Cultural Landscapes: Conservation Studio Coastal Cultural Landscape of Kasargode, Kerala	12	Practical
	Emerging Paradigms	1	Lecture
	Collaborative research M.Arch studio on Shahjahanabad under MoU with Laurentian University.	12	Practical
	Conservation Studio: Sustainable Urban Conservation Strategy for Murshidabad, West Bengal	12	Practical
	Foundation Course	1	Lecture
T Lakshmi Priya	Architecture Dissertation	2	Tutorial
	Conservation Studio IV	12	Practical
	Institutional Elective: Impact of Development Projects on Heritage Sites (Heritage Impact Assessment )	2	Lecture
	Management Seminar	2	Tutorial
	Heritage Economics	1	Lecture
	Cultural landscapes	1	Lecture
	Integrated Urban Conservation	1	Lecture
	Conservation Studio I	12	Tutorial
	Management of Historic Building Systems	2	Lecture



#### 4B. Details of teaching work undertaken by Visiting Faculty

SL.No.	Name of the Faculty	Semester	Subject Theory and Studios	Hours per week
1.	Bhawna Dandona	Ist	Building Materials and Structural Systems	48 hrs.
2.	Jeyanthi N.	Ist Ist	Oral Communication Visual Communication	8 hrs. 8 hrs.
3.	Sangeeta Bais	Ist	Conservation Studio	32 hrs.
4.	A.Vijay	Ist Ist	Management of Historic Building Systems Conservation Studio	16 hrs. 48 hrs.
5.	Shubham Mishra	Ist IIInd	GIS Basic GIS Advanced (Heritage Application)	32 hrs. 32 hrs.
6.	R.S. Jamwal	Ist	Building Materials and Structural Systems	16 hrs.
7.	Satish Pandey	Ist	Conservation Lab	8 hrs.
8.	Rashmi Ashtt	Ist	Planning for Conservation	8 hrs.
9.	Shahena Khan	IIInd IIInd IIIrd	Traditional Water Systems & Historic Garden Conservation Studio Conservation Studio	16 hrs. 64 hrs. 64 hrs.
10.	Abhishek Jain	IIIrd IIIrd IVth	Research Paper-I Conservation Studio Research Paper-II	16 hrs. 32 hrs. 32 hrs.
11.	Somi Chatterjee	IIIrd	Transit Oriented Development & Form Based Codes for Historic Area	32 hrs.
12.	Karpagam Balamurugan	IIIrd	Structural Analysis of Historical Building Techniques & Technology NDT. Field Lab Assessments	32 hrs.
13.	Azfar Ahmad	IIIrd	Museology	32 hrs.
14.	Tulika	IIIrd	Heritage Tourism	16 hrs.
15.	Neeraj Bhagat	IIInd IIInd IIIrd	Elective Community Engagement for Heritage Conservation Conservation Studio Conservation Studio	32 hrs. 32 hrs. 32 hrs.
16.	Suruchi Shah	IIIrd	Conservation Studio	32 hrs.
17.	Vertika Sharma	IIInd	Heritage law and Jurisprudence	16 hrs.
18.	Dr. Ashwani Asthana	IIInd	Archaeology	16 hrs.
19.	Dr. Parul Munjal	IVth	Conservation Thesis Studio	64 hrs.
20.	Ridhima Bajaj	IVth	Conservation Thesis Studio	64 hrs.
21.	Sukanta saha	IVth	Conservation Thesis Studio	80 hrs.
22.	Rima Hooja	Ist	Foundation Course	12 hrs.

## 5. Details of Studio Work Undertaken by Students

Sl.No.	Semester	Title of the Studio Assignment & Brief Description (Not More than 100 words for each semester)
1	Ist	<p><b>Title : Conservation Strategies for the protection and management of the cultural resources of the historic city of Delhi : Safdarjung's Tomb and Lodhi Gardens</b></p> <p>Delhi is one of the most ancient and living historic cities of India. One of the significant heritage components of Delhi is the Safdarjung's Tomb and its immediate environs which includes the Lodhi Garden having various heritage assets belonging to different periods of history. The aim of the studio exercise was to understand and examine living historic Delhi through its surviving physical remains, with particular focus on the cultural resources of Safdarjung Tomb, and Lodhi Gardens and to formulate conservation plans for identified heritage resources. The students studied historic Delhi and identified different cities of Delhi and their link with the natural resources. They developed an understanding of the historic architecture of Delhi and its evolution. The students were acquainted with the techniques of historic layering, inventorying, mapping, detailed measured drawings and condition mapping. Detailed conservation plans which included proposals for the conservation, structural stabilization, revitalization of the heritage structures and settings, interpretation, education and outreach of the site were prepared.</p>
2	IIInd	<p><b>Re-Envisioning The Future of Historic Towns In India: Sustainable integrated heritage management plan for the urban heritage resources of Murshidabad, West Bengal</b></p> <p>The studio familiarised students with significant historic settlement typologies of trade and craft centres such as the Murshidabad – Berhampore- Kassim Bazaar urban agglomeration. The students understood historic urban systems and their inter-relational dynamics which give historic towns a distinctive and legible form, the agents and patterns of transformation and developed the ability to articulate appropriate conservation policies. A participatory heritage resource management plan for urban area of Murshidabad was formulated. Detailed project proposals for structural consolidation, restoration, retrofitting, adaptive reuse, contextual design were undertaken.</p>
3	IIIrd	<p><b>Risk, Resilience &amp; Sustainable Heritage Management of Coastal, Marine &amp; Maritime Cultural Landscapes : Integrated heritage resource plan formulation for cultural landscapes of the Kasargod district, Kerala</b></p> <p>Within the overall learning objective of developing a sustainable approach to the conservation, management and development of Coastal Cultural Landscapes, the IIIrd Semester Conservation Studio project focused on definition and management of the Coastal Cultural Landscape of Kasargod District and introduced students to specific research methods and</p>

		multi-disciplinary techniques required for complex issues associated with conservation and sustainable management of Cultural Landscapes within the coastal context. A Sustainable Heritage Management Plan was prepared.
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## 6. List of Thesis Topics

Sl.No.	Enrolment Number	Name of Student	Thesis Topic	Name of Guide(s)
1	SPA/NS/AC/958	Aiswarya KP	Restoration and Adaptive Reuse of Ammachi Kottaram Complex, Kuttikkanam, Idukki	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
2	SPA/NS/AC/959	Ambu C Mohan	Conservation Management Plan of Temple Town of Suchindram	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
3	SPA/NS/AC/961	Dilraj Singh	Conservation Strategy for Ferozepur Walled City	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
4	SPA/NS/AC/963	H.Vaishalee	Revitalization of the Historic settlement of Darasuram	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
5	SPA/NS/AC/964	Jennifer Samuel	An integrated Approach to Revitalise Historic Water Structures of Toda Rai Singh, Tonk, Rajasthan	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
6	SPA/NS/AC/965	Prajaktha Ratnakanth Kumbhar	Conservation Plan for Rural Cultural Landscape of Bhogawati river, Maharashtra	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal

7	SPA/NS/AC/966	Shreejita Maity	Sustainable Strategies for Conservation of the Heritage of Dhanyakuria, West Bengal	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
8	SPA/NS/AC/967	Mansi Jaluthra	Urban Conservation of the Walled City of Beawar	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
9	SPA/NS/AC/968	Maria Khan	Adaptive Reuse of Sultan Jahan Manzil: An Ode to Begum Sultan Jahan	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
10	SPA/NS/AC/969	Nidhi Prathap	Port Heritage of Cochin: A Case of Willingdon Island	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
11	SPA/NS/AC/970	Shivani Vilas Pikle	Urban Conservation of the Walled City of Baroda	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
12	SPA/NS/AC/971	Ishani Kausthubh Pradhan	Conserving the Coastal Rural Landscape of Chaul and Revdanda	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
13	SPA/NS/AC/972	Rishabh Sharma	Conservation Strategies for the Site and Structures of Galtaji Complex, Jaipur, Rajasthan	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal
14	SPA/NS/AC/973	Swarnali Das	Conservation Plan for Ahmedabad Palace, Bhopal	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr.

				Parul Munjal
15	SPA/NS/AC/974	Vaishnavi Chaudhary	Conservation Management Plan for Temples of Ambala	Asstt. Prof. T.Lakshmi Priya (Thesis Coordinator ), Prof. Dr. Priyaleen Singh, Ridhima Bajaj,Sukanta Saha, Dr. Parul Munjal

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

S.L.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 typology of vernacular heritage in Valluvanad region, Kerala'	Prof. Dr. Priyaleen Singh Dr. Pratheek Sudhakaran (co-guide)
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
8	Ms. T. Lakshmi Priya	"Role of Communities in establishing the socio-cultural and economic values of heritage sites".	Prof. Dr. Priyaleen Singh
9	Mr Vipendra Singh Thakur	"Evaluating patterns of community participation in conservation of urban heritage"	Prof. Dr. Priyaleen Singh

**8. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

Special lectures delivered by eminent conservation professionals ; Ar. Debashish Nayak, Dr. Maninder Singh in the Department of Architectural Conservation. Ar. Anisha Shekhar Mukherjee, Dr. Rohit Jigyasu (online) shared their experience on the occasion of World Heritage Day

## 2.3 DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT

### 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 Qualifications	Areas of Specialization
Prof.Dr. Virendra Kr. Paul	Professor of BEM	Ph.D, MBEM, B.Arch.	Building Engineering and Management
Mr. Sushil Kumar Solanki	Associate Professor of BEM	MBEM, B.Arch	Building Engineering and Management
Mr. Salman Khursheed	Assistant Professor of BEM	B.Tech.; M.Tech.	Construction Management, Structural Engineering
Dr. Abhijit Rastogi	Assistant Professor of BEM	Ph.D, M.B.E.M., B.Arch.	Construction Management

### 4. Details of teaching work undertaken by Visiting Faculty

Sl.No.	Name of the Faculty	Second Semester	Subjects theory any studios	Hours per week
1	Mr. Luke Judson		Dissertaion-I	4
2	Maj.Gen.T.S Sidana		Dissertaion-I	2
	Mr. Manoj Kumar Mittal		Project Cost and Contract management Sturctural system and Design Process Dissertaion-I	6 2 2
	Mr. Vijay Kumar Sharma		Project Cost and Contract management	6
	Mr.Dipanshu		Project Cost and Contract	6

	Sharma		management	
	Ms. Aparna Ash		Dissertaion-I	2
	Mr. Avinash Kumar Tandon		Project Cost and Contract management Sturctural system and Design Process	6 2
			<b>Total</b>	<b>38</b>
		<b>Jan 2023 to April 2023</b>		
<b>Sl.No.</b>	<b>Name of the Faculty</b>	<b>Fourth Semester</b>	<b>subjects theory any studios</b>	<b>Hours per week</b>
1	Mr. Luke Judson		<b>Thesis</b>	<b>11</b>
2	Maj.Gen.T.S Sidana		<b>Quality Management Thesis</b>	<b>2 6</b>
	Mr. Varun Seth		<b>Thesis</b>	<b>9</b>
	Ms. Aparna Ash		<b>Thesis</b>	<b>8</b>
			<b>Total</b>	<b>36</b>
	Mr. Avinash Kumar Tandon	<b>August 2023 to December 2023</b>		
<b>Sl.No.</b>	<b>Name of the Faculty</b>	<b>First Semester</b>	<b>subjects theory any studios</b>	<b>Hours per week</b>
1	Mr. Avinash Kumar Tandon	1st	Construction Technology(St)	2
2	Mr. Luke Judson		Project Planning and Scheduling(S)	6
3	Ms. Aparna Ash		Project Planning and Scheduling(S)	6
4	Mr. Manoj Kumar Mittal		Project Planning and Scheduling(S) Construction Technology(St)	6 2
5	Mr. Kapil Malhotra		Building Service(L)	2
6	Ms. Shagun Agrawal		Functional Performance of Building(s)	2
7	Dr. Pawan Kumar Taneja		Quantitative Mehthods & Operational Research	2
			<b>Total</b>	<b>28</b>
<b>Sl.No.</b>	<b>Name of the Faculty</b>	<b>Third Semester</b>	<b>subjects theory any studios</b>	<b>Hours per week</b>
1	Mr. Avinash Kumar Tandon	3rd	Project Procurement Management (s)	3
2	Maj.Gen.T.S Sidana		Real Estate Management (L)	2
3	Mr. Vijay Kumar		Project Procurement	6



	Sharma		Management (s)	
4	Ms. Aparna Ash		Dissertation-2	4
5	Dr. Pawan Kumar Taneja		Project Finance Management (L)	2
6	Ms. Shagun Agrawal		Dissertation-2	4
7	Mr. Luke Judson		Project Procurement Management (s)	6
8	Mr. Varun Seth		Dissertation-2	4
			<b>Total</b>	<b>31</b>

### 5. Details of Studio Work Undertaken by Students

Sl.No.	Semester	Title of the studio Assignment & Brief Description
1	First Semester	<p><b>Construction Technology Objectives</b></p> <p>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 buildings and building related infrastructure projects through planning design and managerial interventions in a life cycle perspective.</p> <p><b>Functional Performance of Buildings Objectives</b></p> <p>The objective of the course is to develop competence to determine the comprehensive performance of buildings with regards to its functional needs satisfaction. The environment aspects, considered for performance include thermal, illuminatin 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. The objective of the course is also to rigorously train the students in using the IT applicatins and software packages related to functional performance of buildings like thermal and lighting analysis, passive fire and life safety requirments.</p>

		<p><b>Project Planning and Scheduling Studio Objectives</b></p> <p>The intent of the course is to disseminate about the application of Project Management and to familiarise with the information technology-based tools, applications during the project life cycle (i.e.inception phase to the Post-construction phase). The emphasis of module is on the planning processes at the construction phase of a project. The concepts of project management are elaborated through inter-linked processess. The course is to introduce application software and their usage in different phases of construction and rigorously impact training for using the project manangement software by on specific cases/projects. The course imparts basic understanding of computer networking and database management systems.</p>
2	Second Semester	<p><b>Structural System &amp; Design Process Objective</b></p> <p>The objective of the course is to introduce the structural system concepts and design processess 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 fot 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 Objective</b></p> <p>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 taken up in the studio. Emphasis is given to interaction with project technical staff and other stakeholders.</p>

		<p><b>Dissertation-I Objective</b></p> <p>The Project Seminar provides an opportunity for the academic research. This knowledge is furthered by carrying pout 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 extensive literature study and data collection from the field. Project Seminars should help students in undertaking academic research independently.</p>
3	Third Semester	<p><b>Project Procurement Management Studio Objective</b></p> <p>The intent of the course is to qugment 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>Dissertation-II Objective</b></p> <p>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 shuold lead to better performance in the Thesis to b e undertaken in the fourth semester.</p>
4	Fourth Semester	<p><b>Thesis Objective</b></p> <p>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.</p>

## 6. List of Thesis Topics

THESIS BATCH 2020-22				
S.No.	Roll.No.	Name	Topic	Thesis Guide
1	SPA/NS/BEM/829	AASMA AHMED	APPLICATION OF DIGITAL TOOLS & TECHNOLOGIES FOR INVESTIGATION OF MULTI HAZARD PRONE SITES	Mr. Luke Judson
2	SPA/NS/BEM/830	AMULYA GUPTA	STRATEGIC FRAMEWORK FOR IMPLEMENT OF LEAN TOOLS IN CONSTRUCTION	Prof. (Dr.) Virendra Kumar Paul
3	SPA/NS/BEM/831	ANAMIKA KUMARI	HRM PERFORMANCE INDEX (PI) FOR PROJECT SUCCESS IN BUILDING CONSTRUCTION	Mr. Luke Judson
4	SPA/NS/BEM/832	ANJALI SHARMA	A FRAMWORK FOR ASSESSING THE COMPETENCY OF SITE SUPERVISORS IN A CONSTRUCTION PROJECT	Prof. Retd. Maj. Gen. T.S. Sidana
5	SPA/NS/BEM/833	ASHIMA	ENHANCING TRANSPARENCY IN SECONDARY REAL ESTATE MARKET	Prof. Retd. Maj. Gen. T.S. Sidana
6	SPA/NS/BEM/834	ATUL LALIT	ENERGY RETROFITTING IN OFFICE BUILDINGS IN COMPLIANCE WITH EPI BENCHMARKING	Ms. Aparna Ash Kanojia
7	SPA/NS/BEM/835	BUSHRA RAHMAN KASHISH	FIRE SAFETY INTERVENTIONS IN RESETTLEMENT COLONIES	Dr. Abhijit Rastogi
8	SPA/NS/BEM/837	GOPIKA NAIR	INTEGRATION OF DIGITAL TWIN TECHNOLOGY IN FACILITY MANAGEMENT PROCESSES OF AIRPORTS	Dr. Abhijit Rastogi
9	SPA/NS/BEM/838	GOURI PRAJAPATI	ANALYSIS OF SMOKE CONTROL SYSTEM FOR RISK REDUCTION LIFE AND FIRE SAFETY	Prof. (Dr.) Virendra Kumar Paul
10	SPA/NS/BEM/839	HILOR SHARMA	ESTIMATION MODEL FOR OVERHEAD COSTS IN EDUCATIONAL BUILDINGS	Dr. Abhijit Rastogi
11	SPA/NS/BEM/840	IKBAL KABIR	OBJECTIVE SELECTION METHODOLOGY FOR FORMWORK SYSTEM FOR TALL BUILDING	Mr. Varun Seth
12	SPA/NS/BEM/841	KAMLA CHARANYA	OPTIMIZATION OF ENERGY PERFORMANCE AND FOR DIFFERENT MICRO CLIMATE CONDITIONS	Asso. Prof. Sushil Kr. Solanki
13	SPA/NS/BEM/842	KARAN DAS	IMPACT ON COST BY BIM IN	Asst. Prof.

			CONSTRUCTIN PROJECTS	Salman Khursheed
14	SPA/NS/BEM/843	KRITI JAIN	DETERMINING THE COST COMPONENT TOWARDS AIR POLLUTION CONTROL PRACTICES ON CONSTRUCION SITES	Mr. Luke Judson
15	SPA/NS/BEM/844	LAKSHANA P	FREMWORK AND COST MODEL FOR UP-GRADING EXISTING SCHOOLS AS PER NEP & SEP IN TAMIL NADU	Mr. Varun Seth
16	SPA/NS/BEM/845	MADAKA RUCHITH RAO	MULTI-HAZARD BUILDING RESILIENCE INDEX	Asso. Prof. Sushil Kr. Solanki
17	SPA/NS/BEM/846	MAHIMA HARIT	DEVELOPING QUANTITATIVE SCORECARD FOR FACILITY MANAGEMENT SERVICES IN RESIDENTIAL SOCIETIES	Prof. Retd. Maj. Gen. T.S. Sidana
18	SPA/NS/BEM/847	MOHAMMAD MONIS	VULNERABILITY ASSESSMENT OF SITE PRONE TO MULTI-HAZARD	Prof. (Dr.) Virendra Kumar Paul
19	SPA/NS/BEM/848	MOHTASHIM AHMAD SIDDIQUI	PROACTIVE MEASURES FOR DELAY MINIMIZATION IN HIGH RISE CONSTRUCTION PROJECTS	Ms. Aparna Ash Kanojia
20	SPA/NS/BEM/850	PRAGYA	CURTAIN WALL SYSTEM ISSUE IN EXECUTION IN INDIA	Mr. Varun Seth
21	SPA/NS/BEM/851	PRAMOD KUMAR SAHU	DISPUTE MITIGATION MEASURES IN CONSTRUCTION	Asso. Prof. Sushil Kr. Solanki
22	SPA/NS/BEM/852	PUNEET GROVER	ENCHANCING PRODUCTIVITY OF RCC: A CASE STUDY -BASED ANALYSIS	Dr. Abhijit Rastogi
23	SPA/NS/BEM/853	ROHAN ROY	IDENTIFICATION AND ASSESSMENT PROCESS OF FACTORS INFLUENCING PRE-MOVEMENT TIME IN FIRE AND LIFE SAFETY EGRESS	Prof. (Dr.) Virendra Kumar Paul
24	SPA/NS/BEM/854	SHRESTHA DHALI	COST OF INTEGRAL SUSTAINABILITY FEATURES IN A BUILDING PROJECTS	Ms. Aparna Ash Kanojia
25	SPA/NS/BEM/855	SIMRAN GROVER	RISK ASSESSEMENT FOR LIFE AND FIRE SAFETY IN INSTITUTIONAL BUILDINGS	Prof. (Dr.) Virendra Kumar Paul
26	SPA/NS/BEM/856	SOMNATH MAURYA	SIGNIFICANCE OF EMBODIED CARBON EMISSIONS IN BUILDING CONSTRUCTION MATERIALS AND EXPLORING	Mr. Luke Judson

			ALTERNATIVES	
27	SPA/NS/BEM/857	SRUTI PULUPULA	DESIGNING FOR DURABILITY FUNCTIONAL SERVICE LIFE PLANNING OF AFFORDABLE HOUSING IN INDIA	Asso. Prof. Sushil Kr. Solanki
28	SPA/NS/BEM/858	TANU SHREE	COST ESTIMATION MODELS FOR MULTI-STOREY BUILDINGS IN DIFFERENT SOIL TYPES	Asst. Prof. Salman Khursheed
29	SPA/NS/BEM/859	VANLALNUNPUII	RESILIENCE MEASURES FOR LAND SUBSIDENCE-PRONE AREAS	Ms. Aparna Ash Kanojia
30	SPA/NS/BEM/860	VASHUKA GHRITALAHARE	CHALLENGES IN IMPLEMENTATION OF QUALITY ASSURANCE	Ms. Aparna Ash Kanojia
31	SPA/NS/BEM/861	DEEPANSHU KOCHAR	PROCESS FLOW DEVELOPMENT FOR IMPLEMENTATION OF EVM AND EARNED SCHEDULE IN INDIAN CONSTRUCTION INDUSTRY	Mr. Luke Judson

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

Ph.D Thesis Topic			
Sl.No.	Name of Student	Thesis Topic	Name of Guides(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 initiaitves	Prof.(Dr.)Virendra Kumar Paul
4	Dr. Arshia Khajooria	Design of Building Elements for Energy Efficiency: 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	Techno-Managerial Assessment Tool	Prof.(Dr.)Virendra

	Solanki	for Building Rehabilitation	Kumar Paul
8	Mr. Kuldeep Kumar	Fire and Life Safety Risk Analysis and Reliability Assessment	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 Assessment 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
13	Ms. Farheen Alam	Provision for Fire Safety in Unauthorized Colonies (UACs) OF Delhi-NCR	Prof.(Dr.)Virendra Kumar Paul
14	Ms. Deepti Nangia	Process Framework for Design Management in Building Projects through Analytical Pathways	Prof.(Dr.)Virendra Kumar Paul
15	Ms. Devanshi Gaur	Assessment of fire safety for risk mitigation in adaptive reuse of heritage buildings	Prof.(Dr.)Virendra Kumar Paul
16	Mr. Sanjay Bhandari	Managerial Interventions for Contemporary Adaptation Technology and Design Knowledge Systems in India Architecture'	Prof.(Dr.)Virendra Kumar Paul

## 2.4 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
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### 2. Year of establishment of the Department

January 9, 1990

### 3. Faculty Profile:

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Prof. Dr. Meenakshi Dhote	Professor of Environmental Planning	Bachelor of Architecture, Master of Landscape Architecture, PhD on Urban Biodiversity	Environmental Planning

### 4A. Details of teaching work undertaken in the Department

S.No.	Semester	Year	Subject	No. of Hours/Week
<b>Meenakshi Dhote</b>				
1	I	First	Planning Studio	3
2	II	First	Environmental Planning and Design Studio	4
3	III	Second	Environmental Planning and Design Studio	7
4	III	Second	Degraded Land Management	2
5	IV	Second	Environmental Planning and Design Thesis	6
6	IV	Second	Planning for Sustainable Settlements	2



#### 4B. Details of teaching work undertaken by Visiting Faculty

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours/week
Dr. T.R. Manoharan	III Sem.	Environmental Economics and Environmental Auditing	2
	IV Sem.	Environmental. Planning & Design Thesis	4
Ms. Katyayni	III Sem.	Environmental and Planning Legislation (Environmental Legislation)	1
Sh. Sunil Mehra	III Sem.	Environmental and Planning Legislation (Planning Legislation)	1
Sh. Damanjit Singh Minhas	II Sem.	Environmental Planning and Design - GIS Studio	2
	III Sem.	Environmental Conservation and Management Studio and GIS Application	4
	IV Sem.	Environmental. Planning & Design Thesis	2
Ms. Barsha Poricha	III Sem.	Research Methodology and Seminar	2
Ms. Rashmi Gupta	II Sem.	Environmental Monitoring and Assessment (Laboratory )	2
Sh. S. B. Khodankar	II Sem.	Environmental Planning and Design Studio	2
Dr. Marisha Sharma	II Sem.	Environmental Monitoring and Assessment (Theory )	2
Sh. Ajay Raghava	IV Sem.	Environmental. Planning & Design Thesis	2
Sh. Santosh Kumar	II Sem.	Environmental Monitoring and Assessment (Laboratory )	2
Sh. Saurav Sen	IV Sem.	Environmental. Planning & Design Thesis	2
Dr. Mahendra Sethi	II Sem.,	Resilient Cities	2
	III Sem.	Environmental Conservation and Management Studio	6
	IV Sem.	Environmental. Planning & Design Thesis	2

Ms. Meesha Tandon	IV Sem.	Environmental. Planning & Design Thesis	6
Ms. Jayeeta Sen	II Sem.	Theory of Environmental Planning and Design	2
	II Sem.	Environmental Planning and Design Studio	4
	IV Sem.	Environmental. Planning & Design Thesis	4
Ms. Soumya Das	III Sem.	Environmental Conservation and Management Studio	4
Mr. Divakar Maurya	IV Sem.	Formulation, Financing and management of Environmental projects	2
Dr. Abinaya Sekar	IV Sem.	Environmental. Planning & Design Thesis	4

#### 5. Details of the studio work undertaken by the Students

Name of the Studio	Precise Objectives of the Studio	Case Study Description	Major Conclusions and Outcomes
<b>EP Design Studio (IInd Semester)</b>	<p><b>First Module</b> Study of concepts, laws, government initiatives related to solid waste management. Establish a baseline and assess gap for National Capital Territory of Delhi (NCTD) and selected zone and sub-zones.</p> <p><b>-Second Module</b> Formulation of strategies for environmental improvement at NCTD, zonal and</p>	<p><b>First Module</b> NCTD was selected as the study area with Master Plan for Delhi Zone F as the case study area for the purpose of the study. Further two sub-zones were selected based on land use mix, population, heterogeneity in settlement typology etc. Maps relevant to the studio exercise were generated and analysed. Impact assessment and gap analysis were undertaken.</p> <p><b>Second Module</b></p>	<p><b>First Module</b> Major initiatives have been taken by government under Swachh Bharat Mission but infrastructural gap is still very evident. Segregation at source is a challenge. There is variation in land use wise generation of SWM with respect to composition. Community involvement is critical for success of the government initiatives.</p> <p><b>Second Module</b></p>

	sub-zone levels	Strategies were recommended at NCTD and the zonal and sub-zonal level. Site specific measures for integration of sustainability practices related to SWM with planning were suggested.	Environmental Improvement Plan for NCT Delhi with focus on solid waste management.
<b>EP Design Studio (IIIrd Semester) – Environmental management Plan – Nainital Region – with focus on Climate change Risk Assessment</b>	<p><b>First Module –</b></p> <p>The objectives of the exercise were as follows:</p> <ol style="list-style-type: none"> <li>1. To understand the concept of climate change risk and the study area</li> <li>2. To identify the climate change risk indicators with respect to spatial planning and establish a baseline.</li> <li>3. To perform a climate change risk assessment of the focus areas.</li> <li>4. To formulate strategies and plans for the study area.</li> </ol> <p><b>Second Module</b></p> <p>Formulation of strategies for</p>	<p>A thorough literature review was done for topics related to climate risk assessment and environmental, regional and urban planning. This was followed by the region delineation exercise based on environmental, demographic and administrative parameters and preparation of baseline with respect to environmental vulnerability ( including exposure, sensitivity and adaptative capacity) -</p> <p>This was followed by identification of parameters for vulnerability and risk assessment at the block level and arriving at the focused areas in the Terai and Bhabar region and the lesser Himalayas.</p> <p>The focused areas were Haldwani, Kaladungi and</p>	<p>The vulnerability and risk were assessed for the Terai and Bhabhar region and the mountain areas (limited to the Kumaon region) based on identification of spatial parameters for exposure, sensitivity and adaptive capacity. The risks were calculated after assessing the vulnerability and components compatible with the spatial planning approach were adopted . The vulnerability was primarily assessed for the human population.</p> <p>Whilst the economy of Ramnagar and Nainital was tourism based, Haldwani primarily was a manufacturing, education and health hub being the main administrative hub of</p>

	environmental management for the Nainital region ( at the delineated regional level, block level and the focused area level)	Ramnagar ( near Jim Corbett) in the Terai Region and Nainital and Ramgarh in the mountain areas.	the Kumaon region. Nainital located in the fragile mountainous tracts is based on tourism and for both the zones carrying capacity was assessed. Ramgarh and Kaladungi located in the Terai and high mountains are upcoming tourist settlements. The environmental strategies were then drafted at each scale
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## 6. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Aakash CP	Planning Strategies for control of Air Pollution with Focus on Green Infrastructure: A Case study of Chennai	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Abinaya Sekar 3. Mr. Jwngma Basumatary
2	Abhay Soni	Environmental Planning Strategies for Water Resource Management: A Case Study of Bhopal	Thesis Co-ordinator – 1. Mr. Saurav Sen 2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote
3	Ayush Garg	Environmental Planning Strategies for Circle Rates Assessment for Urban Neighbourhoods with focus on Carrying Capacity – A Case Study of NCTD	Thesis Co-ordinator – 1. Dr. T. R. Manoharan 2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote
4	Debarshi Hafila	Environmentally Compatible Land use planning in Eco-Sensitive Zone – A Case study of Kaziranga National Park	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Mr. Jwngma Basumatary
5	Deepak Jayanth	Planning Strategies for Developing Sustainable	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote

		Neighbourhood with Focus on Green Building: A case Study of East Delhi	2.Dr. Bidisha Chattopadhyay
6	Greeshma S Vijay	Climate Responsive Planning Strategies for Lakshadweep Archipelago	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Mr. Jwngma Basumatary
7	Kritika Kaushik	Planning Strategies for Low Carbon Development: A case study of Indore.	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Abinaya Sekar 3. Ms. Moushila De
8	Manali Tale	Greening of Online Delivery Services (Tentative): A case Study of Bangalore	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Mr. Jwngma Basumatary
9	Mili Arora	Environmental Management of Real Estate Sector through ESG Approach: A Case study of Noida	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Dr. Mahendra Sethi
10	Moturi Bhavana	Climate Responsive Planning strategies for Urban Green Spaces: A case Study of Hyderabad	Thesis Co-ordinator – 1. Sh. Ajay Raghava 2. Dr. Dr. Bidisha Chattopadhyay 3. Ms. Moushila De
11	N Saikumar	Planning Strategies for Water Resource Management – A Case Study of Wanaparthy, Telangana	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Ms. Moushila De
12	Nancy Grover	Spatial Planning Strategies for Mobility Management through Life Mission approach: A Case Study of Delhi	Thesis Co-ordinator – 1. Dr. Meenakshi Dhote 2. Dr. Dr. Bidisha Chattopadhyay 3. Dr. Abinaya Sekar
13	Rahel Anna Cherian	Environmental Planning Strategies for a Water Resilient Coastal City – A Case Study of Cochin	Thesis Co-ordinator – 1. Ms. Jayeeta Sen 2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote
14	Sanjana Srikanth	Environmental Planning Strategies for Conservation of Aghanashini	Thesis Co-ordinator – 1. Ms. Jayeeta Sen

		River Basin	2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote
15	Shivangani	Heat Action Plan for Patna, Bihar	Thesis Co-ordinator – 1. Dr. Dr. Bidisha Chattopadhyay 2. Dr. Abinaya Sekar 3. Ms. Moushila De
16	Shreya Rastogi	Strategies for Ecosystem Services Valuation for Open Space Network – A Case Study of Delhi	Thesis Co-ordinator – 1. Dr. T. R. Manoharan 2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote
17	Siraj Ali	Planning Strategy for Water Management through IUWM Approach: Dehradun	Thesis Co-ordinator – 1. Mr. Damanjit Singh Minhas 2. Dr. Bidisha Chattopadhyay 3. Dr. Meenakshi Dhote

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

S.No.	Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor
1	2016-17	Ms. Jayeeta Sen	Instruments for mainstreaming Biodiversity into urban planning	Prof. Dr. Meenakshi Dhote
2	2017-18	Ms. Neha Sarwate	Institutionalize of Environmental Zoning	Prof. Dr. Meenakshi Dhote
3	2018-19	Ms. Meenakshi Pawar	Effects of urban green landscape pattern on particulate matter pollution-A Case Study of Delhi	Prof. Dr. Meenakshi Dhote
4	2018-19	Mr. Akash Sharma	“Revival of Cultural Resources for Environmental Up gradation in Heritage Region – case of Brajbhoomi”	Prof. Dr. Meenakshi Dhote
5	2020-2021	Ms. Abha Sharma	Environment responsiveness of Urban design theories with respect to Re-development	Prof. Dr. Meenakshi Dhote
6	2020-2021	Ms. Moushila De	Climate responsive planning of arid areas of Rajasthan	Prof. Dr. Meenakshi Dhote
7	2021-2022	Mr. Jwngma Basumatary	“Implications of Landuse Zoning on Air quality.”	Prof. Dr. Meenakshi Dhote

- 8. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**
1. Special Lecture on **“Pollution Monitoring and Management in Nainital and Udham Singh Nagar District”** delivered by Sh. Naresh Goswami.
  2. Special Lecture on **“Development Plans of Haldwani, Ramnagar and Nainital”** delivered by Sh. Hari Bisht.
  3. Special Lecture on **“Climate Change in Uttarakhand with focus on Kumaon region”** delivered by Dr. Virendra Yadav.
  4. Special Lecture on **“Climate Change in Uttarakhand with focus on Kumaon region”** delivered by Dr. Manish Naja.
  5. Special Lecture on **“Flower Waste Management”** delivered by Shri Apurv Misal.
  6. Special Lecture on **“Towards closing the loop for dry Waste”** delivered by Shri Ronak Vyas.
  7. Special Lecture on **“Air Pollution and Vegetation”** delivered by Dr. Chirashree Ghosh.
  8. Special Lecture on **“Solid Waste Management – Role of Town and Country Planners”** delivered by Shri Pradeep Khandelwal.

## 2.5 DEPARTMENT OF HOUSING

### 1. Names of academic programs offered by the Department

- Master of Planning ( with specialization in Housing )
- Doctor of Philosophy

### 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	Professor, DIRECTOR from Feb.2018 to Feb. 2023 )	A.I.I.A., B.E.(Civil), M. Planning(Housing) (Gold Medalist), Ph.D., Certificate in Urban Management (Canada), F.I.T.P., F.I.E., Cert. in Art Appreciation (National Museum), Advanced Cert. in Art Appreciation(NGMA).	Town Planning /Housing
Ruchita Gupta	Associate Professor	Ph. D M. Planning(Housing) B. Arch	Housing
Harshita Deo	Assistant Professor	M. Planning B. Arch	Town Planning / Housing

### 4A. Details of teaching work undertaken in the Department

#### Ruchita Gupta

S. No	Semester	Subject	No. of Hours/Week
1	Third	Informal Housing, Slums and Poverty (Theory)	2
2	First	Planning Studio	6
3	Third	Project Formulation and Design (Studio)	6
4	Second	Urban and Rural Housing Policy and Programme (Theory)	2
5	Second	Housing Options and Strategy (Studio)	6
6	Fourth	Housing Studio- Thesis (Studio)	6



#### 4B Details of teaching work undertaken by the Visiting Faculty in the Department

Sl. No.	Name of the Faculty	Semester	Subjects Theory and Studios	Hour per Week
1	Sh. Vinod Sakle	I	Planning and Design Studio	12
2	Prof. Dr.Vinay Matri	I	Planning and Design Studio	6
3	Ms. Vaishali Gijre	I	Infrastructure and Transport Planning	1
4	Ms. Vaishali Gijre	I	Planning and Design Studio	9
5	Sh. Sanjeev Saxena	I	Planning and Design Studio	9
6	Ms. Swati Grover	I	Geo Informatics for Planning	1
7.	Sh. T. R. Manohran	I	Socio-Economic Base for Planning	3
8.	Ms. Barsha Poricha	I	Socio-Economic Base for Planning	1
9.	Sh. Rajeev Malhotra	I	Planning and Design Studio	9
10.	Sh. Rajeev Malhotra	I	Infrastructure and Transport Planning	1
11.	Sh. S. B. Khodankar	I	Planning and Design Studio	12
12.	Sh. Kishore K. R. Joadder	I	Planning and Design Studio	9
13.	Ms. Santosh Chaudary	I	Planning and Design Studio	6
14.	Sh. Sabir Ali	I	Planning and Design Studio	9
15.	Ms. Aditi Arora	I	Planning History and Theory	2
16.	Ms. Sanhita Bandhopadhya	I	Infrastructure and Transport Planning	2
17.	Sh. R. Shrinivas	I	Planning Techniques	2
18.	Sh. R. Shrinivas	I	Planning and Design Studio	6
19.	Ms. Kanchan Gandhi	I	Socio-Economic Base for Planning	1
20.	MS. Alpana Bose	I	Demography and Statistical Applications	1
21.	Ms. Rupali Sandhu	I	Planning Techniques	2
22	Sh. P. S. Uttarwar	I	Planning and Design Studio	3
23	Sh. Shubham Mishra	I	Geo Informatics for Planning	2
24	Sh. Rakesh Kapoor	I	Socio-Economic Base for Planning	1
25	Sh. Sandeep Ravi	I	Planning Techniques	2
26	Sh. Sandeep Ravi	I	Planning and Design Studio	3
27	Dr. Akshaya Sen	II	Housing Finance and project formulation	1
28	Smt. Rita Bhattarcharya	II	Housing Finance and project formulation	1
29	Dr. Shailesh Kumar Agarwal	II	Elective 1 Material and Technology	2
30	Dr. J.B. Ghildiyal	II	GIS Applications in Housing-I	2
31	Sh. Vinod Sakle	II	Housing Strategy-Studio	3
32	Smt. Chitra S. Jain	II	Housing Strategy-Studio	3
33	Dr. J.B.Ghildiyal	III	Housing Studio- GIS	2

			applications in Housing-II	
34	Smt. Chitra S. Jain	III	Housing Studio- Housing Project Formulation	5
35	Sh. Kishen Seshadri	III	Housing Studio- Housing Project Formulation	5
36	Sh. Vinod Sakle	III	Housing Studio- Housing Project Formulation	3
37	Dr. Bipasha Kumar	III	Disasters and Settlements	2
38	Dr. Pushpanjali Jha	III	Departmental Elective: Inclusion and Community Participation	2
39	Dr. Bipasha Kumar	III	School level Elective	1
40	Sh. Sanjeev Saxena	IV	Housing Legislation and Governance	2
41	Sh. Vinod Sakle	IV	Thesis Studio	9
42	Ms. Chitra S. Jain	IV	Thesis Studio	5
43	Ms. Rita Bhattacharya	IV	Thesis Studio	5

**5. Semester-wise details of the studio work undertaken by the students:**

Sr	Semester	Title of Studio Assignment & Brief Description (Not More than 100 Words for each Semester)
1	Semester I (Integrated Semester)	Outline Development Plan- For this studio programme, the Outline Development Plans was prepared for three cities/towns of Maharashtra- Jalna, Ahmednagar and Parbhani. The students were required to prepare an Outline Development Plan with a 20-year perspective for the assigned town. To carry out this exercise, students undertook data collection, both primary and secondary. The main purpose of this exercise was to understand the settlement in terms of various facets, to familiarize with conducting surveys for collecting data in a scientific manner, To appreciate problems, potentials and issues, To identify/project future requirements and to prepare a development plan with a 20 year perspective.
2	Semester 2	Housing Strategy Studio- A group of 22 students visited the city of Bhubaneswar for this exercise. The aim of the exercise was to understand the various housing subsystems and housing options in the city in terms of their evolution, transformation and present status. 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. Assessed future scenario of housing demand and developed a strategy to address the housing problems of Bhubaneshwar in the next ten years.
3	Semester 3	Housing Project Formulation-This exercise focused on developing exposure to Housing and the Real Estate Market. The different aspects which were covered for the study were demography, socio economic condition, housing typologies, development control regulations, policy programs & schemes,

		land management, material and technology, finance, physical & social infrastructure etc. As per the overall housing scenario, macro and micro-Housing Market studies, The students presented the most viable Housing Project, on selected sites considering the market study, site analysis, product mix, facilities provided and the financial feasibility. The entire study was backed with financial feasibility and making the project technologically and financially workable.
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**6. Details of the thesis topics researched by the students of the final year class:**

S. No.	Roll No.	Name of Students	Topic	Guide
1	HSG/675	Aditya Kumar Singh	Housing for Pilgrims in Ayodhya	Prof. Dr. P.S.N. Rao
2	HSG/676	Akhilesh Singh	Livability assessment of Public Housing for Slum Dwellers in Hyderabad	Ms. Rita Bhattacharya
3	HSG/677	Amreen Jilani	Evaluation of PMAY (Urban) in Ahmedabad	Ms. Rita Bhattacharya
4	HSG/678	Dolharkar Shruti S. Vaishali	Housing for Industrial Workers in Aurangabad	Dr. Ruchita Gupta
5	HSG/679	K. Shardul Rajendra	Redevelopment of Cooperative Housing Societies in Pune	Mr. Vinod Sakle
6	HSG/680	Khyati Chaubey	Housing for widows and orphans in Vrindavan	Ms. Rashi Gupta
7	HSG/681	Km Vaishnawi Chaudhary	Evaluation of Housing by UP Housing and Development Board in Ghaziabad City	Ms Harshita Deo
8	HSG/682	Manmeet Sharma	Housing Implications of Pottery Industry in Khurja, U.P.	Ms Harshita Deo
9	HSG/683	Nalini Sharma	Housing Transformation in Old City of Jalandhar	Ms Harshita Deo
10	HSG/684	Nikita Mittal	Housing for Working Single Men and Women – Gurugram	Ms. Chitra Jain
11	HSG/685	Peedi Sandeep	Residential Real Estate Redevelopment in Hyderabad	Ms. Chitra Jain
12	HSG/686	Peetala Pavan Kumar	Illegal Foothill Settlements in Vishakhapatnam	Ms. Chitra Jain
13	HSG/687	Pradeep Singh	Housing Development on the Fringes of Lucknow	Ms Harshita Deo
14	HSG/688	Pragati Shankar Kale	Residential Real Estate Development Practices in Pimpri-Chinchwad, Maharashtra	Mr. Vinod Sakle
15	HSG/689	Pritam Nayak	Impact of Development on Urban	Ms. Rashi Gupta

			Villages of Greater Noida	
16	HSG/690	Priyanshu Ranjan	Residential Real Estate Development along growth corridor in Patna	Ms. Rashi Gupta
17	HSG/691	Ratika Agarwal	Slums and their rehabilitation in Chandigarh	Dr. Ruchita Gupta
18	HSG/692	Ridhi Saxena	Homestay for Tourists in Jaipur	Ms. Rashi Gupta
19	HSG/693	Rounak Tiwari	Housing Aspirations and Options for Young Couples in Gurgaon and Noida	Prof. Dr. P.S.N. Rao
20	HSG/694	Sanjana Sinha	Housing in Jute Mill Premises in Howrah	Ms. Rita Bhattacharya
21	HSG/695	Sheona T Rajeev	Evaluation of the interface between the environment and coastal housing of Kozhikode	Dr. Ruchita Gupta
22	HSG/696	Shipra Anand	Utilization of Residential Open Spaces in Gurugram	Dr. Ruchita Gupta
23	HSG/697	Sibin Sabu	Evaluation of one lakh Housing Scheme in Kottayam	Prof. Dr. P.S.N. Rao
24	HSG/698	Siddharth Nikhil Sahasrabhojane	Evaluation of Slum Rehabilitation Scheme in Maharashtra	Mr. Vinod Sakle
25	HSG/699	Vaishnavi V.Choudhari	MHADA Housing in Vidarbha Region	Mr. Vinod Sakle
26	HSG/700	Yatharth Sagar Singh	Residential Real Estate Development Models for Housing in Ghaziabad	Prof. Dr. P.S.N. Rao

**7. Details of the thesis topics being researched by the doctoral students in the Department:**

Sl. No	Name of the Student	Thesis Topic	Name of Guide (s)
1.	Ms. Suparana Lahiri	Cost Modeling of Housing Prototypes for Predicting an Optimal Building Height.	Prof. Dr. P.S.N. Rao
2.	Ms. Jyoti Dash	Comparative Analysis of Selected Land Pooling Models for provision of Land for Housing in India	Prof. Dr. P.S. N. Rao
3.	Mr. Abhishek Kumar Bittu	Framing Sanitation Solutions for Urban Poor in Metropolitan Cities	Prof. Dr. P.S. N. Rao
4.	Mr. Sarvesh B. Nandgirikar	Rethinking Policy Response for Indigenous Settlements in Metropolitan Cities	Prof. Dr. P.S. N. Rao

5.	Ms. Richa Goyal	Regulation of Real Estate: The Case of RERA in Uttar Pradesh.	Prof. Dr. P.S. N. Rao
6.	Mr. Sanan Verma	Impact of Industrialization on Residential Real Estate Development: A case study of Punjab	Prof. Dr. P. S. N. Rao

#### 8. Student/ Faculty Awards or Recognition

- Prof. Dr. P.S.N. Rao, Professor Department of Housing was appointed Member- Co-Convenor High Level Committee on Urban Planning.
- Rashi Gupta, Assistant Professor (Contract), Department of Housing was awarded PhD Degree for the topic “Emerging Paradigm for Efficient and Transparent Land Assembly in context of Indian Land Records”.
- Neha Dhar, Third Semester Student, Department of Housing was recognised among the Top 3 Participants with a prize money of Rs. 10,000 for Entrance Gate Design at Entry points Competition, organized by Ayodhya Development Authority.
- Neha Dhar, Third Semester Student, Department of Housing stood first with a prize money of Rs. 25,000 for competition on Urban Design of Qaisarbagh Area, Organized by Lucknow Architect’s Association.
- Rohan Agrawal, Third Semester Student, Department of Housing was selected to participate in the symposium of Urban Design History and Theory, Organised by Faculty in Delft, Delft University of Technology, Netherlands.
- Rohan Agrawal, Third Semester Student, Department of Housing was selected as a Finalist a competition titled “for Future Toilet- AI Architecture “, Organized by Non Architecture Team.

#### 9. Any other information of Relevance (i.e. visits of the Eminent Scholars and Delegations/ Special Lecture if any)

Sl. No.	Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours
1	J. H. Ansari	I		2 hrs. only
2	Neelima Risbud	I	Site Planning	2 hrs. only
3	S. K. Kulshrestha	I	Talk on UDPFI Guidelines	2 hrs. only
4	Jit Kumar Gupta	I	Planning of Chandigarh City	2 hrs. only
5	Rahul Singh	I	City Level Infrastructure Planning Legislation	2 hrs. only
6	Ms. Sandhya Naidu Janardhan	II	Urban and Rural Housing Policies	2 hrs. only
7	Shri Gaurav Agrawal	II	Town Planning Schemes in	2 hrs. only

			Raipur	
8	Ms. Yatika Chaudhary	II	The Career Aspects in IPC (International Property Consultants)	2 hrs. only
9	Ms. Prema Vijaykumar Mehta	II	Urban and Rural Housing Policies	2 hrs. only
10	Dr. Sejal Patel	II	Urban Land Management	2 hrs. only
11	Shri Sanjay Jain	III	Financial Feasibility of Real Estate Project	2 hrs. only
12	Shailendra Kumar Gupta	III	Informal Housing, Slums and Poverty	2 hrs. only
13	Shree Triveni Prasad Nanda	III	Urban Land Management	2 hrs. only
14	Dr. P. Jayapal	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 Housing	2 hrs. only
17	Smt. Parul Agarwala	IV	Global Perspective on Housing	2 hrs. only

## 2.6 DEPARTMENT OF INDUSTRIAL DESIGN

### 1. Academic Programs Offered by the Department

- Master of Design (Industrial Design)

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

### 3. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Mr. Parag Anand Meshram	Associate Professor of Industrial Design	Ph.D. (currently ongoing), M.Des. (ID), B.E. (Electronics)	Product Design, Social Design, Design Thinking, Interaction Design
Ms. Aditi Singh	Assistant Professor of Industrial Design	Ph.D. (currently ongoing), M.Arch. (ID), B.Arch.	Product Design, Healthcare Design, Service-System Design
Mr. Sushil Ichhya Vijay	Assistant Professor of Industrial Design	M.Arch. (ID), B. Arch.	Product Design, Lighting Design, Ergonomics

### 4. Details of teaching work undertaken by Visiting Faculty

Sr. no.	Name of the Faculty	Semester	Subjects	Lecture & Tutorial/Studio	Hours Per Week
1	Sharad Mathur	First	ID1.10- Applied Arts & Crafts	Lecture	2hrs.
		First	ID1.05 - Communication & Presentation Techniques	Studio	2hrs.
		Third	ID3.01- Design Management	Lecture and Tutorial	L= 1hr. & T= 1hr.

		Second	ID2.06- Design Project 2	Studio	10hrs.
3	Anisha Shekhar Mukherji	First	ID1.02-Research metods & Critical Writing	Lecture	2hrs.
		Second	ID2.03 - Design Research	Lecture and Tutorial	L= 1hr. & T= 1hr.
4	Vipul Maheshwari	First	ID1.07-Design Project 1	Studio	10hrs.
		Fourth	ID4.02- Thesis Porject	Studio	11hrs.
5	Amit Gulati	Second	ID2.01- Human Factors in Design	Lecture and Tutorial	L= 1hr. & T= 1hr.
6	Naveen Rampal	Third	ID3.05- Design Project 3	Studio	10hrs.
		Second	ID2.06- Design Project 2	Studio	10hrs.
7	Rahul Tyagi	Third	ID3.05- Design Project 3	Studio	10hrs.
		Second	ID2.06- Design Project 2	Studio	10hrs.
8	Dharmesh Jaiswal	First	ID1.07-Design Project 1	Studio	9hrs.
		Third	ID3.04- Computer Aided Industrial Design 2	Studio	2hrs.
		Second	ID2.04- Computer Aided Industrial Design1	Studio	2hrs.
		Fourth	ID4.02- Thesis Porject	Studio	9hrs.
9	Anup Takalkar	First	ID1.05- Communication & Presentation Techniques ID1.06- Studies in Form	Studio	4hrs.
		Second	ID2.05- Advanced Form Studies	Studio	2hrs.
10	Riga Singh	First	ID1.06- Studies in Form	Studio	2hrs.
		Third	ID3.03- System Thinking & User Experience	Lecture	2hrs.
		Second	ID2.05- Advanced Form	Studio	2hrs.



			Studies		
11	Sidharth Khatri	First	ID1.04- Design Methods	Lecture and Tutorial	L= 1hr. & T= 1hr.
		First	ID1.06- Studies in Form	Studio	2hrs.
		Second	ID2.05- Advanced Form Studies	Studio	2hrs.
12	Vikas Manchanda	First	ID1.03- Manufacturing Processes & Techniques	Lecture and Tutorial	L= 1hr. & T= 1hr.
		Third	ID3.02 Product Detailing	Lecture and Tutorial	L= 1hr. & T= 1hr.
		Second	ID2.02- Advanced Manufacturing Techniques	Lecture	2hrs.
		Fourth	ID4.01- IPR, PP& E	Lecture and Studio	L=1hr. & S=1hr.
13	Yamini Bhattacharya	First	ID1.01- Design History & Design Theory	Lecture	2hrs.
14	Vishal Sengar	Third	ID3.08- Contemporary Technology in Design	Lecture	2hrs.
		Second	ID2.11 Design Engineering & Prototyping	Lecture	2hrs.

#### 5. Details of Studio Work Undertaken by Students

S. No.	Semester	Student Name	Project Title	Description
1	First Semester	Amrutha Prakash	<b>An Iron for Architect Mies Van Der Rohe</b>	Designing An Iron for a German architect Mies Van Der Rohe
			<b>Payavettam Lighting</b>	Lighting design inspired from traditional craft of making mats in Kerala- Thazhapaya

2	Aniket Salunkhe	SPA Food zone   Segregating crowd	A system for the canteen of the School of Planning and Architecture in New Delhi
		CONQUEROR   Iron for Julius Caesar	An iron designed for the great emperor Julius Caesar
		Copper Light	A light inspired by copper as a material, for a ambient dining experince
3	Aswanth S.	Pithu Redefined	Redesigning a traditional outdoor game Pithu for modern urban society
		Alto kettle for Alvar Aalto	Design a kettle for Aalavr Alto based on his persona.
		Kannadi Light	Lighting Design Inspired from Aranmula kannadi,Kerala
4	Busi Ugandhar	Paw - Dog Feeder	An Intervention Such That Stray Dogs can live Harmoniously With Humans with a sense of Mutual Ownership
		MAMBA Toaster for Idi Amin	Designing a Toaster For Idi Amin
		Dhokra - Lighting	Lighting Design Inspired from Dhokra Art,Bastar (C.G)
5	Dave Ninad Rajeshbhai	Paw - Dog Feeder	An Intervention Such That Stray Dogs can live Harmoniously With Humans with a sense of Mutual Ownership
		An Iron for Architect Mies Van Der Rohe	Designing An Iron for a German architect Mies Van Der Rohe
		Ajrakh Lighting	Designing A Light Fixture by using Ajrakh Block Printing methods
		Dantkathayein- An Educational Solution	Designing a Solution to instil ethics and morals in children by reviving

			<b>for Primary School Kids</b>	Indian stories and folklore.
6	Deepthi JBM		<b>Belieber</b>	A trend setting kettle designed for Justin bieber
			<b>Roly-Poly</b>	Lighting design for a socialite to be kept in their drawing room. The design of the light is inspired from roly poly doll, a traditional craft of Thanjavur, Tamil Nadu
			<b>Identifying CVD</b>	A board game designed to identify colour vision deficiency in kids
7	Fathima Nazrin K A		<b>Roll &amp; OH!   Toaster for Ronaldo</b>	Designing toaster for Portuguese footballer Cristiano Ronaldo.
			<b>Coconut Shell Lamp</b>	Lighting design inspired from coconut shell handcrafts
			<b>SPA Food zone   Segregating crowd</b>	A system for the canteen of the School of Planning and Architecture in New Delhi
8	Jagadale Prathmesh Rajendra		<b>Toaster for Lionel Messi</b>	Sporty Toaster designed for Messi which reflects Argentina's culture
			<b>Paithani Lighting</b>	chandelier lamp designed using paithani for client as bureaucrat
			<b>Pithu Redefined</b>	Redesigning a traditional outdoor game Pithu for modern urban society
9	K Bharat Kumar		<b>Alto kettle for Alvar Aalto</b>	Design a kettle for Aalavr Alto based on his persona.
			<b>Kondapalli art table light</b>	Design a table lamp inspired from the art of Kondapalli Toys.
			<b>Dantkathayein - Interactive gaming solution for Kids</b>	Designing a solution to instil better ethics and morals in children by use of Indian stories and folklores

10	Kashyap Masiwal	An iron for Animator Hayao Miyazaki	Design an iron box based on the philosophy of Hayao Miyazaki
		Sakhtsaazi lighting	Designing light for entrepreneur with emphasis on traditional art of Sakhtsaazi
		Dantkathayein - Interactive gaming solution for Kids	Designing a solution to instil better ethics and morals in children by use of Indian stories and folklores
11	Noel Ranjit	CONQUEROR  Iron for Julius Caesar	An iron designed for the great emperor Julius Caesar
		Ivory Carving Lighting	A lighting design inspired from traditional art form of ivory carving
		Identifying CVD	A board game designed to identify colour vision deficiency in kids
12	Pratyasha Paridhi	Ghibli   An iron for Hayao Miyazaki	An <i>iron</i> designed for the Japanese animator, filmmaker, and manga artist <i>Hayao Miyazaki</i>
		Chandi Tarakashi   pendant light	Lighting design that brings <i>tarakashi</i> (craft from odisha) and designer together. It was designed for <i>journalist's office space</i> .
		SPA Food zone   Segregating crowd	A system for the canteen of the School of Planning and Architecture in New Delhi
13	Rachita Dhummi	Vessel   An iron for the Wright Brothers	An iron designed for the Wright Brothers to reflect their philosophies in their product.
		Lukmai   Lighting Design	A lighting design inspired from traditional craft of basket weaving in Manipur.
		Identifying CVD	A board game designed to identify colour vision deficiency in kids.

14	Sandeepan P. Deka	<b>Two Spout   Kettle for Mr. Pablo Picasso</b>	A kettle designed to reflect the style of artist Pablo Picasso.
		<b>Gamusa Lighting</b>	A light design that reflects the craft of Assam and can be helpful to the craftsman
		<b>Pithu Redefined</b>	Redesigning a traditional outdoor game Pithu for modern urban society
15	Saurabh V. Nagothankar	<b>Two Spout Kettle for Mr. Pablo picasso</b>	A kettle designed to reflect the style of artist Pablo Picasso.
		<b>Kamal Light</b>	Entrance porch light design for classical dancer, inspired by sawantwadi toy art.
		<b>BookWorm</b>	A Bookmark design to promote physical bok reading skill.
16	Shifhana A.	<b>VESSEL   An iron for the Wright Brothers</b>	An iron designed for the Wright Brothers to reflect their philosophies in their product.
		<b>PAAIOLI   A lighting design</b>	A light design that reflects the traditional craft of Pattamadai Paai from Tamil Nadu.
		<b>Identifying CVD</b>	A board game designed to identify colour vision deficiency in kids.
17	Manish Sanjay Shinde	<b>Seamless Kettle</b>	Kettel design for Mr. Vladimir Putin to suit his personality.
		<b>Ujwaldip</b>	A light design inspired from Kolhapuri Chappal art.
		<b>BookWorm</b>	A Bookmark design to promote physical bok reading skill.
18	Shubhajit Maji	<b>MAXIMO   Toaster for Messi</b>	A Toaster for an Argentine footballer Lionel Messi

			<b>SAUVE   Jute lighting</b>	A lighting design inspired from traditional art form of Jute weaving
			<b>Dantkathaayein   Moral and ethics learning through stories</b>	Designing a Solution to instil ethics and morals in children by reviving Indian stories and folklore.

## 6. List of Thesis Topics

Sr. No.	Roll No.	Name of the Student	Thesis Title	Description	
1	ID/399	Adeeba	SHAPE SHIFT	An educational aid that utilises visual art to enhance learning in schools.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
2	ID/401	Ayan Kar	LITTLE SOUS	A learning aid that utilises food preparation activities to motivate children towards making healthy eating choices.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
3	ID/402	Ayudh Reyaz	HELIOS	A product which enhances the experience of listening to music by creating a multi dimensional auditory environment.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
4	ID/403	Gaikwad Darshan Uddhav	SHIRASTRAN	An inclusive combat helmet that aims to alleviate challenges faced by military personnel, including thermal discomfort, hair management, and the ability to attach modular components.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
5	ID/404	K V Pavithra	BANDHAN	Designed for public parks to facilitate group activities while being comfortable for people of all ages and adaptable to changing weather conditions.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
6	ID/405	Kamal Jangid	ZAAPTER	Zaapter is a passenger centric bike taxi that improves the passenger experience by enhancing their safety and comfort.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
7	ID/406	Lovish Gangwar	PURR-FECT	Cat handling product for Veterinerians.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
8	ID/407	Mayur R. Nayak	TRIAGON	A workplace game that promotes work life balance by providing employees with a leisure activity during work hours, imporving the overall work environment.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
9	ID/408	Monoranjan Ghosh	MELTING EVEREST	Melting everest is a bespoke luxury light that is inspired by the story of climate change.	Parag Anand, Aditi Singh, Vipul Maheshwari,

					Dharmesh Jaiswal
10	ID/409	Niharika Walia	HOPFit	Interactive dance and fitness platform that engages, assists and entertains while improving area management.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
11	ID/410	Pooja Chauhan	ReTaag	A vessel designed to use sand to improve thermal efficiency and enhance the flavour of food.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
12	ID/411	Rahul G.M.	SENTINEL X -	A vehicle for the border surveillance capable of operating in a variety of terrains.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
13	ID/412	Sana Salim	MIX MAG	A baking equipment set for amateur as well as professional bakers in order to improve their baking and decorating experience.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
14	ID/413	Shivani Kumari	PURE WATERS	An intervention that raises awareness about the importance of local water bodies and also facilitates removal of floating debris.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
15	ID/414	Shivendu Verma	DRY SWIFT	Dry swift is an innovative product for quick and hygienic body drying.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
16	ID/415	Shreya Malhotra	SCI SENSE	A product that enables students with visual impairments to participate in physics experiments.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
17	ID/416	Shubham Jain	SAMA	A furniture that aims to create a personal space enhancing the experience of listening to Qawwali.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
18	ID/418	Vivek Ramachandran	AquaBioHarvest	An aquaculture solution that leverages the energy generated by organisms cultivated in inland waters to produce a closed loop system of resources while involving local communities	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal
19	ID/419	Wandhare Pratik Prabhakar	NEST-O-CARE	An incubation system that provides a controlled environment for growth and development of orphan baby birds.	Parag Anand, Aditi Singh, Vipul Maheshwari, Dharmesh Jaiswal

**8. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

- Special Lecture by Mr. Amit Pathak, Founder at SHELLIOS TECHNOLOGIES, Mr. Aaquib Wani, Self-taught experiential designer & art director, Mr. Skannnd Tyagi, Managing Director of Tyagi Corporation, , on 26th May, 2022.

## 2.7 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
Dr. Aarti Grover	Associate Professor of Landscape Architecture	Ph.D. M.L. Arch; B. Arch	Ph.D. M.L. Arch; B. Arch

### 4A. Details of teaching work undertaken in the Department

S. No.	Semester	Subject	No. of Hours/ Week
1	I	<b>LA1.05</b>	6
		Landscape Architecture Studio-I	
2	III	<b>LA 3.02</b>	1
		Dissertation	
3	III	<b>LA3.04</b>	5
		Landscape Architecture Studio-III	
4	III	<b>LA3.05</b>	2
		Department Elective	
5	II	<b>LA2.03</b>	1
		Planting Design, Management & Landscape Economics	
6	II	<b>LA2.04</b>	3



		Landscape Architecture Studio-II	
7	II	LA2.05	1
		Departmental Elective	
8	IV	LA4.02	9
		Landscape Architecture Studio-IV	

#### 4B. Details of teaching work undertaken by Visiting Faculty

S. No.	Name of the Faculty	Semester	Subjects Theory and Studio	Hours per Week
1	Ms. Aysha Mathur	I & III	LA1.05, Landscape Architecture Studio-I LA3.05, Departmental Elective	7
2	Dr. Gauhar Mahmood	I	LA1.02, Hydrology & Geomorphology	2
3	Sh. Harbir Singh Chopra	I	LA1.05, Landscape Architecture Studio-I	6
4	Sh. Krishan C. Singal	III	LA3.04, Landscape Architecture Studio-III	6
5	Sh. Minesh Parikh	III	LA3.01, Landscape Engineering - II	2
6	Dr. Monika Koul	I	LA1.01, Soils LA1.03, Ecology, Plant Taxonomy and Plant Physiology	3
7	Ms. Nandini Rewari	III	LA3.04, Landscape Architecture Studio-III	9
8	Ms. Nandita Parikh	III	LA3.06, Institutional Elective	2
9	Ms. Neeru Gupta	I	LA1.04 Landscape Engineering-I LA1.05 Landscape Architecture Studio-I	9
10	Sh. Nikhil Dhar	I	LA1.04 Landscape Engineering-I LA1.05 Landscape Architecture Studio-I	7.5
11	Ms. Poonam A. Dewan	I	LA1.05 Landscape Architecture Studio-I	6
12	Ms. Poonam Saini	I & III	LA1.05 Landscape Architecture Studio-I LA3.02 Dissertation	9

13	Ms. Savita Bhandari	I	LA1.05 Landscape Architecture Studio-I	6
14	Ms. Savita Punde	III	LA3.04, Landscape Architecture Studio-III	6
15	Dr. Shashank Shekhar	I	LA1.01 Geology	1
16	Ms. Ayesha Mathur	II	LA2.04 Landscape Architecture Studio-II LA2.05 Departmental Elective	9
17	Dr. Gauhar Mahmood	II	LA2.04 Landscape Architecture Studio-II	6
18	Dr. Jai Ballabh Ghildiyal	II	LA2.01 Remote Sensing & GIS based Land Information System	1
19	Sh. Krishan Chand Singal	IV	LA4.02 Landscape Architecture Studio – IV	9
20	Sh. Minesh Parikh	IV	LA4.01 Landscape Project Management and Professional Practice	2
21	Ms. Nandini Rewari	IV	LA4.02 Landscape Architecture Studio – IV	9
22	Ms. Nandita Parikh	II	LA2.06 Institutional Elective	2
23	Sh. Nikhil Dhar	II	LA2.04 Landscape Architecture Studio-II	5
24	Ms. Poonam A. Dewan	II	LA2.04 Landscape Architecture Studio-II	3
25	Ms. Poonam Saini	II & IV	LA2.03 Planting Design, Management & Landscape Economics LA4.02 Landscape Architecture Studio – IV	9
26	Sh. P.S. Uttarwar	II	LA2.01 Remote Sensing & GIS based Land Information System	1
27	Ms. Savita Bhandari	II	LA2.04 Landscape Architecture Studio-II	6
28	Ms. Savita Punde	IV	LA4.02 Landscape Architecture Studio – IV	9

## 5. Details of Studio Work Undertaken by Students

S. No.	Semester	Title of the Studio Assignment & Brief Description (Not more than 100 words for each semester)
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 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; Understanding Lakes as Ecosystems:</b></p> <p>The decline of urban water bodies in India needs to be arrested for sustainable water management in rapidly expanding Indian cities. The sustenance of urban water bodies is an essential component of urban environmental plans to augment raw water availability and nourish depleted aquifers. The studio aims to identify the lake ecosystems in Delhi which are experiencing varying degrees of environmental degradation. The degradation might be due to encroachments, eutrophication, siltation, deforestation, human interference etc. In this regard, to protect the lakes to cater to present-day necessities as well to sustain them for future generations, this exercise is designed to introduce to the students about the morphology and dynamics of such lakes and to identify their regional watershed area with avifaunal/aquatic and terrestrial habitats for carrying forward sustainable environmental management practices using minimum human intervention. The idea is to also explore the potential of lake edges as means of recreation.</p>
3	III	<p><b>Studio Problem – 1; Landscape Design of Urban Civic Centers of Delhi:</b></p> <p>The urban civic centers in metropolitan cities have been facing various environmental pressures due to rapidly increasing demand of urban infrastructure in commercial spaces. The studio exercise aims at understanding pattern of usage in urban civic spaces at urban design scale and provides design ideas to develop a proposal for a part of existing commercial centers. The students are requested to analyze pedestrian and vehicular movement patterns, parking provisions and its implications on open space usage, activity patterns, storm water drainage systems, planting type system and structure and outdoor lighting.</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>

## 6. List of Thesis Topics

S. No.	Roll No.	Name of the Student	Thesis Topic	Name of Guide(s)
1	LA/696	AAKANKSHA	LANDSCAPE PLAN FOR HABITAT RESTORATION: A CASE OF NAJAFGARH LAKE BIRD SANCTUARY, DELHI	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
2	LA/697	AKHILA MAJEED	RETHINKING THE LANDSCAPE OF LAKE EDGE ALONG WITH CANAL REJUVENATION - A CASE OF	DR. AARTI GROVER & MS. POONAM

			ALLAPPEY	SAINI
3	LA/698	AKSA J RAJAN	LANDSCAPE DEVELOPMENT OF SCIENCE CENTRE, KOTTAYAM	DR. AARTI GROVER & SH. KRISHAN C. SINGAL
4	LA/699	AKSHIT JAIN	LANDSCAPE PERSPECTIVE TOWARDS POTENTIAL TOURISM IN SISWAN COMMUNITY RESERVE (SCR) - AN ECO VILLAGE	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
5	LA/700	AMITH KRISHNAN	LANDSCAPE REDEVELOPMENT AND REJUVENATION OF KOOTOLI WETLANDS, CALICUT ,KERALA	DR. AARTI GROVER & MS. NANDINI REWARI
6	LA/701	ANJALI A NAIR	RETHINKING CULTURAL ROOTS OF DWARKA THROUGH ECO HERITAGE TRAIL ,GUJARAT	DR. AARTI GROVER & MS. NANDINI REWARI
7	LA/703	BHAGYASHREE NITIN GIRGAONKAR	LANDSCAPE DEVELOPMENT OF THE SATPURA PARK ALONG FUTALA LAKE, NAGPUR, MAHARASHTRA	DR. AARTI GROVER & MS. POONAM SAINI
8	LA/704	CICIL CYNTHIA PJ	BEACHFRONT CULTURAL & HERITAGE PARK ECR, CHENNAI	DR. AARTI GROVER & MS. SAVITA PUNDE
9	LA/705	HARSHA EZHUTHUPURAKKAL	SITE PLANNING AND LANDSCAPE DEVELOPMENT ALONG RESERVOIR - A CASE OF NEYYAR DAM AND ENVIRON	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
10	LA/706	HIMANSHI SHARMA	LANDSCAPE DESIGN PROPOSAL TO STRENGTHEN THE CULTURAL HERITAGE AND ESCALATE RELIGIOUS TOURISM ALONG THE EDGE OF YAMUNA RIVER , MATHURA	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
11	LA/707	IRIN PAUL	LANDSCAPE DESIGN PROPOSAL FOR URBAN WATERWAYS - THE CASE OF VYTTILA MOBILITY HUB	DR. AARTI GROVER & MS. SAVITA PUNDE
12	LA/708	JIGISHAH DAVE	ENHANCING SOCIO DEVELOPMENT OF BIKANER THROUGH BETI GAURAV UDHYAN, BIKANER	DR. AARTI GROVER & MS. NANDINI REWARI
13	LA/709	JOSHI PINAK NARESH	LANDSCAPE REDEVELOPMENT OF AIIMS, NEW DELHI: WELLNESS LEARNING HUB	DR. AARTI GROVER & MS. SAVITA PUNDE

14	LA/710	KRITIKA KRISHNA	EXPERIENTIAL LANDSCAPE REDEVELOPMENT OF LEISURE VALLEY PARK, GURGAON	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
15	LA/711	MEGHA BHARTI	LAKEFRONT DEVELOPMENT PROPOSAL FOR KAYLANA LAKE, JODHPUR	DR. AARTI GROVER & MS. POONAM SAINI
16	LA/712	NAVYANA H	LANDSCAPE DEVELOPMENT AT BANGALORE UNIVERSITY	DR. AARTI GROVER & SH. KRISHAN C. SINGAL
17	LA/713	RAM KUMAR A	REIMAGINING THE WATERSCAPES OF CHENNAI - MULTIFUNCTIONAL DEVELOPMENT OF ISLAND GROUND, CHENNAI	DR. AARTI GROVER & MS. NANDINI REWARI
18	LA/714	RIYA SUNIL SADAWARTE	RETHINKING THE NEIGHBORHOOD GREEN LINKAGES: A CASE OF ASHOKA GARDEN, DELHI	DR. AARTI GROVER & MS. SAVITA PUNDE
19	LA/715	SHINDE SOUNDARYA LAXMAN	LANDSCAPE DESIGN PROPOSAL FOR "NAV BHARAT UDYAN" AT CENTRAL VISTA AXIS - A NEW INDIA GARDEN, NEW DELHI	DR. AARTI GROVER & SH. KRISHAN C. SINGAL
20	LA/716	SHOBHNA SAXENA	LANDSCAPE DEVELOPMENT TO REJUVENATE CULTURAL HERITAGE OF KONARK TEMPLE PRECINCT	DR. AARTI GROVER & SH. KRISHAN C. SINGAL
21	LA/718	SREERAJ M	LANDSCAPE DEVELOPMENT OF URBAN PARK -PAROPPADI, KOZHIKODE	DR. AARTI GROVER & SH. ANKUR JYOTI DUTTA
22	LA/719	SWATI GUPTA	LANDSCAPE PROPOSAL FOR RIVERFRONT DEVELOPMENT ALONG SIANG RIVER IN PASIGHAT, ARUNACHAL PRADESH	DR. AARTI GROVER & MS. POONAM SAINI

### 7. 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 riverine landscape: case of Sabarmati river	Dr. Aarti Grover
2	Ms. Poonam Saini	Cultural Ecosystem Services: A Socio-ecological Valuation of City Forest 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
4	Sh Sandipan Chatterjee	Methodological Framework for the identification and Recognition of Industrial Heritage	Dr. Aarti Grover
5	Sh Ankur Jyoti Dutta	Impact of socio-cultural diversity in the Indian urban riverine landscapes that has led to spatial transformation	Dr. Aarti Grover

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

Bhagyashree Nitin Girgaonkar (LA/703) student of 2nd year/IV semester student of Master of Architecture (Landscape Architecture), had participated in the intercollegiate chess tournament organized by Malaviya National Institute of Technology Jaipur, on the occasion of MNIT Sports Tournament (MST'23) from March 23rd to 25th, 2023. She secured first place in the chess tournament and was honored with a gold medal and a trophy

## 2.8 DEPARTMENT OF PHYSICAL PLANNING

### 1. Academic Programs Offered by the Department

- Bachelor of Planning
- Integrated M.Planning- 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
Prof. Dr. Ashok Kumar	Professor of Physical Planning	M.Sc.; MP (URP); PhD University of Liverpool, U.K.	Urban and Regional Planning; Water Security and Sustainable Development
Prof. Dr. Mayank Mathur	Professor of Physical Planning	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
Prof. Dr. R.Biswas	Professor of Physical Planning	B.E, MRP, PhD	Urban and regional planning, water planning and management, infrastructure planning and management, planning techniques



Prof. Dr. Poonam Prakash	Professor of Physical Planning	B.Architecture, M.Planning (Housing), Ph.D.	Town Planning, Housing, Planning Education, Planning Practice
Ms. Priti Deo	Assistant Professor of Physical Planning	M. Planning with specialization in Regional Planning M.A. in Geography	Regional Planning, Geoinformatics in Planning, Demography and Urbanization, Planning techniques
Ms. Papiya Bandyopadhyay Raut	Assistant Professor of Physical Planning	Master of Planning with specialization in Regional Planning Pursuing Phd	Regional Planning , Rural Development, Informal Sector, GIS
Mr. Piyoosh Singh	Assistant Professor of Physical Planning	B. Arch, MCP (Masters of City Planning)	History of Settlements, Site Planning
Mr. Sairam Dasari	Assistant Professor of Physical Planning	Masters in Planning (Transport Planning)	Transport Modelling, Land use transport planning, Active Mobility, E-Mobility, Public Transport and logistics

#### 4A. Details of teaching work undertaken by in the department

Mayank Mathur				
1	I	I	Planning Studio I	8
2	V	III	Housing	2
3	VII	IV	Dissertation & Training Seminar	2
4	IV	II	Urban Design & Conservation	2
5	VIII	IV	Thesis and Terminal Project	10

Ashok Kumar				
1	III	2	Planning Theory – I	3
2	IV	2	Planning Theory – II	2
3	VII	4	Planning Studio: Regional Plan	5
4	VIII	4	Planning Studio: Integrated Planning Studio	5
5	VII	2	Globalization of Urbanization (Institutional Elective)	2
R.Biswas				
1	III	2	Planning Techniques II	2
2	III	2	Infrastructure Planning II	2
3	VI	3	Planning Studio (Master Plan Preparation)	8
4	VII	4	Planning Studio (Regional Plan Preparation)	8
5	VIII	4	Thesis and Terminal Project	6
Poonam Prakash				
1	I	1	Planning Techniques I	2
2	III	2	Planning Techniques II	2
3	V	3	<b>Planning Practice I</b>	<b>1</b>
4	V	3	Planning Studio	8
5	VII	4	Planning Communication	1
6	VIII	4	<b>Planning Practice and Legislation</b>	<b>2</b>
7	VIII	4	Integrated Planning Studio	8
8	VIII	4	Thesis and Terminal Project	3
Papiya Bandyopadhyay Raut				
	II	1	Site and Land Development	1
	III	2	Ecology and Resource Planning	3
	V	3	Informal Sector	3
	V	3	Rural Resource Planning	2

	VI	3	Planning for Regions	1
	VIII	4	Thesis Supervision	15
Piyooosh singh				
	<b>Semester</b>	<b>Year</b>	<b>Subject</b>	<b>No. of Hours/Week</b>
1	I	First	Culture and Cities	3
2	I	First	Planning Communications-I	4
3	I	First	Planning Studio-I	11
4	II	First	Planning Communications-I	2
5	II	First	Planning Studio-I	11
6	VIII	Fourth	Thesis/Terminal Project	6

#### 4B. Details of teaching work undertaken by Visiting Faculty

S. No	Name of the Faculty	Semester	Subject Theory and Studios	Hours per week
1	Mr. Amaan Hasan	<b>1st Semester</b>	Planning Communication - I	2
2	Ms. Parul Kapoor		Planning Communication - I	2
3	Mr. Pradeep Prakash		Planning Communication - I	2
4	Ms. Shilpi Pathak		Planning Studio -1	14
5	Mr. Ravi Inderjit Singh		Planning Studio -1	14
6	Dr. Uzma Azhar	<b>2nd Semester</b>	Introduction to Social Sciences	4
7	Mr. Vaibhav Chauhan		Economics for Planners	4
8	Mr. Sandeep Reddy Banda		Site and Land Development	2
9	Ms. Parul Kapoor		Planning Communication - II	2
10	Mr. Pradeep Prakash		Planning Communication - II	2
11	Mr. Amaan Hasan		Planning Communication - II	2
12	Ms. Niharika		Planning Studio - II	14
13	Mr. Ravi Inderjit Singh	Planning Studio - II	14	
14	Ms. Revathy Pradeep	<b>3rd Semester</b>	Planning Studio - Land Use and Transport	14

15	Mr. Sandeep Reddy Banda		Planning Studio - Land Use and Transport	14
16	Ms. Tsomo Wangchuk	<b>4th Semester</b>	Planning Theory - II	3
17	Ms. Hridi Kaul Jalali		Urban Design and Conservation	2
18	Mr. Pradeep Prakash		Planning Communication - III	2
19	Mr. Amaan Hasan		Planning Communication - III	2
20	Mr. Abhishek Jain		Planning Studio IV - Site Planning	11
21	Dr. Akshaya Kumar Sen	<b>5th Semester</b>	Housing	2
22	Dr. Uzma Azhar		Settlement Sociology	3
23	Ms. Pratyoosh Madhavi		Planning Practice - I	2
24	Ms. Niharika		Planning Studio - Sub City Plan	11
25	Ms. Tsomo Wangchuk	<b>6th Semester</b>	Urban Governance and Management	3
26	Ms. Pratyoosh Madhavi		Development Planning	3
27	Ms. Tsomo Wangchuk		Planning Studio VI- Development Plan	11
28	Mr. Varun Amar Kaushik	<b>7th Semester</b>	Urban Renewal	2
29	Mr. Vaibhav Chauhan		Impact Assessment Techniques	2
30	Ms. Charve Jain		Politics, Planning and Development	2
31	Mr. R. Srinivas		Planning Studio Regional Plan	11
32	Mr. K.G. Gopalkrishan	<b>8th Semester</b>	Planning Practice and Legislation -II	2
33	Dr. Kusum Lata		Terminal Project	2
34	Dr. Errampalli Madhu		Terminal Project	3
35	Dr. Chalumuri Ravi Sekhar		Terminal Project	2
36	Ms. Raina Singh	<b>Integrated B Planning M. Planning</b>	Climate Change, Risk and Resilience	3
37	Mr. Madhusudan Sharma		Financing of City and Regional Development	3

38	Mr. Aditya Ajith		Integrated Planning Studio	11
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## 5. Details of Studio Work Undertaken by Students

### 1st Semester Studio – August 2022

The first semester planning studio aims at introducing the students with the basic terminologies in planning and recognizing the many different elements that make up a city. It starts by developing an understanding about urban planning through movies, seminars, and city tours as examples of elements by enhancing the observational and mapping skills. The studio introduces Distance and Area Perception, space perception and the varying character of cities along with various elements of built form. The studio progressed to introducing the concept of neighbourhood and its basic characteristics to appreciate the most basic unit of planning with the help of survey, mapping, presentation, drafting and software skills. Students visited neighbourhoods in Preet Vihar, Karkardooma and Anand Vihar areas in East Delhi for this exercise.

### 2nd Semester Studio – January 2023

This semester has two major activities: Land use study and Area Appreciation. The first exercise of land use study was designed to improve understanding of fundamental concepts in land use planning such as classification, hierarchy, permissibility, and compatibility, among others. Understanding the requirements and implications of primary activities in a specific land use. Students were assigned a specific land use to learn about through case studies of master plans from national and international cities as case studies. The second major activity of Area appreciation aimed to appreciate residential development (ideally on a neighbourhood scale) in terms of its spaces, communities, and activities, as well as their interrelationships. Students were assigned to several sites in Delhi for this exercise, including group housing, unplanned (slums, urban villages, and unauthorized colonies), employer housing, public housing, cooperative housing, and plotted housing.

### 3<sup>rd</sup> Semester Studio title: Local Transport Plan – Dwarka Sub City

The 2nd year III semester B. Planning students have prepared Local Transport Plans: Case study- Dwarka Sub City. 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 analysing various traffic and transportation surveys used in planning. Initially students did the literature review to understand the integration of land use and transportation and also identification of evaluation parameters for ILUT. Students collected the primary data for the selected sectors in the Dwarka sub city and analysed the primary survey data and presented the data. The study concludes with an improvement plan in the selected sectors with keeping in mind the key principles of integration of land use and transport aspects and promotion of sustainable modes.

### 4<sup>th</sup> Semester Studio title: Site Planning of Residential Development; Case study – Bhubaneswar

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 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<sup>th</sup> Semester Studio title: Detailed Town Planning Thiruvananthapuram, Kerala**

In the 5th Semester of the Bachelor of Planning program at the School of Planning and Architecture, New Delhi, students engage in a studio exercise designed to facilitate comprehension of comprehensive plans, lower-level plans, and zoning. The objective of the studio was an understanding of the legal framework governing lower-order plans and their practical significance in implementation. Additionally, students are expected to appreciate the importance of norms, standards, subdivision rules, and development control in the context of planned development.

Thiruvananthapuram was identified as the focus for the lower hierarchy plan, guided by the Master Plan (2031). The students are required to conduct site visits, gather primary and secondary data, and formulate a 'Detailed Town Planning Scheme' that aligns with the development plan. This studio exercise deepens students' understanding of lower-order plan regulations.

For the preparation of Detailed Town Planning (DTP), as per the discussion with DTCP, Kerala officials, the following were selected:

- a. DTP Palayam
- b. DTP M.G. Road
- c. DTP from Kovalam

#### **6<sup>th</sup> Semester Studio title: Development Plan: Satara City, Maharashtra**

A Development Plan is a significant link in the hierarchy of plans, which intends to connect district plan at the higher level and zonal/local plans at the lower level. It ensures that haphazard and unplanned development does not take place in the city. Such a plan also seeks to prioritize and propose critical services of various kinds. Spatial, economic and infrastructure development of city is an area of concern for a development plan.

In the VI semester, 3rd Year purpose of planning studio exercise is to make students aware about the various concepts, approaches for tackling urban issues and problems, data requirement, surveys, analysis techniques and tools required for preparation of an urban development plan also to study the relevant policies, acts and guidelines for the preparation of master plan.

For the study, Satara City of Satara district in Maharashtra State has been selected. Satara is a city located in the Satara District near the confluence of the river Krishna and its tributary, the Venna. The city was established in the 16th century and was the seat of the Chhatrapati of Maratha Empire, Shahu I. It is the headquarters of Satara Tehsil, as well as the Satara District. The city gets its name from the seven forts (Sat-Tara) which are around the city. Satara lies on the slope of Ajinkyatara fort. Total geographical area of Satara city is 22.42 square kilometre. National Highway 48 (formerly National Highway 4) passes through Satara.

As of 2011 census of India, Satara had a population of 120,079 out of which 61,129 are males and 59,066 are females, thus males constituted 52% of the population and females 48%. Satara has an average literacy rate of 80%, higher than the national average of 74%. In Satara, 10% of the population is under 6 years of age. Marathi is the native and most widely spoken language. Maharashtra state's sex ratio is 883 girls per 1000 boys, and Satara city's sex ratio is 881. The Satara city is divided into 39 wards. Major economic base of the city is tertiary sector.

#### **7<sup>th</sup> Semester Studio title: PREPARATION OF DISTRICT DEVELOPMENT PLAN FOR THIRUVANTHAPURAM DISTRICT, 2047**

In the seventh semester, purpose of planning studio exercise is to prepare a regional plan of a region or a district of a substantial geographical size having a rural-urban composition. The focus would be to formulate planning policies and strategies to make the district economically, socially, and environmentally sustainable. The core focus of this planning studio is to prepare a district development plan by analysing of the status of physical infrastructure like water supply, sanitation, wastewater management, solid waste management, electricity, and communication networks. Present gap analysis, identification of issues and potentials and preparation of proposals for future requirements for enhancement of socio-economic and environment sustainable development of Thiruvanthapuram District of Kerala.

#### **8<sup>th</sup> Semester Integrated B Planning M Planning Studio title: Planning for Sustainable Communities - Preparation of Master Plan for Ranikhet - Chilyanau, Uttarakhand**

Keeping the central focus on Sustainable Communities, integrated studio explored the extent to which GIS based preparation of master plan under AMRUT mission facilitates achievement of goals of sustainable communities. For this purpose, hilly area of Chilyanau Ranikhet was taken up for preparation of plan. Planning in hill areas pose special challenges due to its topography and ecology. Balancing the environment and development conflict students explored concepts of resilience, carrying capacities, sustainability and hill area planning. The plan was part of ongoing exercise by the state government to prepare plans for all towns in the state.

## 6. List of Thesis Topics

S.No	Name of the Student	Thesis Topic	Name of the Guide	Name of the Co-Guide
1	AASTHA JAIN	Framework for Sustainable Urban Transport Index	Anish Grover	Mr. Sairam Dasari
2	AHANA CHATTERJEE	Devising a Framework for Climate Resilient Redevelopment of Slums: Case Study of Kolkata, West Bengal	Dr. Ruchita Gupta	Papiya B. Raut
3	AKASH MAHORE	Socio - Economic Impact On Landowners Due to Super Corridor Project, A Case Study of Indore	Ruby Kajal	Anish Grover
4	AYUSHI SINGH	Participatory Planning for development of Eco-tourism	Dr. Smriti Ashok	Ruby Kajal
5	BENGIA YAGAR	Impact of hydropower project: A case of rehabilitation and resettlement	Ms. Papiya B. Raut	Prof. Dr. R. Biswas
6	ESHITA SINGH	Climate-Responsive Planning for a Coastal City: Case Study of Mumbai	Pallavi Tiwari	Piyooosh Singh
7	GAUTAM AGARWAL	Flood Resilient Planning: A case of Nauhatta Block, Saharsa District	Dr. Smriti Ashok	Pallavi Tiwari
8	ISHITA BANSAL	Evaluating the Smart Governance Framework of Smart Cities	Piyooosh Singh	Sairam Dasari
9	JALAJ RANA	Water service delivery in Planned and Unplanned area in NCT of Delhi	Dr. Kusum Lata	Anish Grover
10	KANIKA GUPTA	Gender Sensitive Mobility Planning In Indian Cities	Mr. Sairam Dasari	Anish Grover
11	LAVIKA RAMESH CHANDRA	Spatial Mismatch in Slum Re-settlement: A Case Study of Mumbai, Maharashtra	Ms. Papiya B. Raut	Meenakshi Pawar
12	MANISHA CHAURASIA	Effectiveness of Complete Streets on Mode Choice	Mr. Sairam Dasari	Dr. Smriti Ashok
13	NEERAJ B S	Conservation of Heritage in Walled City of Amritsar - Historic Urban Landscape Approach (HUL)	Menakshi Pawar	Papiya B. Raut
14	NIKHIL BANSAL	Assessment of plan implementation in Delhi with focus on provisions for school education	Prof. Dr. Poonam Prakash	Ruby Kajal
15	PARNIKA SINGH	Evaluation of Public Spaces in Delhi	Prof. Dr. Mayank Mathur	Ms. Pallavi Tiwari



S.No	Name of the Student	Thesis Topic	Name of the Guide	Name of the Co-Guide
16	RHEAA BIVERLY PURTY	Rural Development through Integration of Schemes into GPDP: Case of Birhu, Jharkhand	Ms. Papiya B. Raut	Piyooosh Singh
17	ROHIT CHEGE	Impacts of DMIC on Regional Development	Ms. Papiya B. Raut	Mr. Sairam Dasari
18	SAURABH SINGHAL	Pilgrimage Tourism Carrying Capacity - Case of Vrindavan	Meenakshi Pawar	Papiya B. Raut
19	SHASHANK SONI	Assessment of Traditional Economic activities in walled city of Jaipur	Piyooosh Singh	Pallavi Tiwari
20	SHIKSHA SINGH	Spatial Strategy to Reduce Green House Gas (GHG) Emissions from Transportation	Mr. Sairam Dasari	Anish Grover
21	SRIPADA SAI KOUSHIK	A Framework for Integration of Disaster Management in Mainstream Planning - Kolkata	Ms. Pallavi Tiwari	Mr. Piyooosh Singh
22	T. ALANKRITA	Interdependence of community & tourism For development of Charminar heritage precinct	Ruby Kajal	Meenakshi Pawar
23	TANUJ KUMAR YADAV	Built Environment and its impact on crime rates	Piyooosh Singh	Pallavi Tiwari
24	UTKARSH VERMA	Shared e-Mobility to Enhance the Public Transport Systems in Cities	Mr. Sairam Dasari	Dr. Errampalli Madhu
25	V NANDAKUMAR GOUD	Decarbonisation of Urban Freight in Delhi: A Place-based approach	Dr. Smriti Ashok	Mr. Sairam Dasari
26	VINEET KUMAR	The Potential of Hydrogen Cell as a Fuel for Urban Mobility	Dr. Errampalli Madhu	Mr. Sairam Dasari
27	TOYESH PORWAL	Effects of Urban Green Spaces on Air Quality- A case study of New Delhi	Ms. Pallavi Tiwari	Ms. Papiya B. Raut
28	MANSI SHARMA	Assessment of Urban Blue-Green Infrastructure in Sub-City Dwarka, Delhi	Prof. Dr. R. Biswas	Ms. Pallavi Tiwari

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

S.no	Name of the Student	Thesis Topic	Name of the Guide
1	Mr. Ajay Kaushal	Inter- Policy Coherence for better City Planning	Prof. Dr. Ashok Kumar
2	Mr. Parul Sharma	Developing Accessible urban spaces for Persons with Disabilities in India	Prof. Dr. Ashok Kumar

			Prof. Dr. R. Biswas
3	Ms. Shilpi Bhaskar Aggarwal	Spatial Transformation of Cities Post 1991 Reforms – A Case Study of Surat	Prof. Dr. Ashok Kumar
4	Mr. Ankush	Localisation of Storm Water	Prof. Dr. Ashok Kumar
5	Mr. Anish Grover	Large- scale Industrialisation and Changing Nature of City and Regional Planning in India	Prof. Dr. Ashok Kumar
6	Mr. Nimish Rajesh Laddha	Planning for Spatial Inclusion of Informal Sector at Neighbourhood level	Prof. Dr. Ashok Kumar
7	Ms Shreya Malik	Assessment of Water Risks in the Barapullah Sub-basin	Prof. Dr. Ashok Kumar
8	Ms. Neha Verma	Spatial perspective on women’s primary health care accessibility in slums	Prof. Dr. Poonam Prakash
9	Mr. Raghunanda S Aiyangar	Role of Zoning Regulations in Promoting Physical Activity as a Component of Public Health	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 Desai	Developing conceptual framework to understand Indian cities having focus on Historical processes- A case study of Vadodara	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. Chitra S Jain	Role of Citizens Participation in Master Plans: Indian Scenario	Prof. Dr. Poonam Prakash
16	Ms. Shethal B.S.	Framing of Grassroot Level Human Development Index for Policy and Planning Interventions.	Prof. Dr. R. Biswas
17	Mr. Savitri Kumari	Water Governance of Delhi	Prof. Dr. R. Biswas
18	Ms. Maheshwari Gupta	Integration of Water Policies in Urban Planning: Case of NCT Delhi	Prof. Dr. R. Biswas

			Prof. Dr. Ashok Kumar
19	Ms. Sheilja Singh	Rejuvenation of Water Spaces of Delhi: A Sustainable and An Ecological Approach	Prof. Dr. R. Biswas
20	Ms. Kajal Goyal	Framework for Enhancing Blue-Green Infrastructure through Community Participation in Urban Areas	Prof. Dr. R. Biswas
21	Mr. Akhil	River Pollution and Land Use Integration	Prof. Dr. R. Biswas
22	Ms. Rashmi Ashtt	Role of Private Sector in Governance of Heritage Areas	Prof. Dr. Mayank Mathur
23	Ms. Alka Mohan Arora	Social sustainability (Socio-Spatial Inclusiveness) as Generator of urban form in context of Indian cities	Prof. Dr. Mayank Mathur Prof. Dr. Mahavir
24	Mr. Raghavendra V S	Spatial Implications of Micro Small and Medium Enterprises in Bangaluru City	Prof. Dr. Mayank Mathur

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

Bachelor of Planning students participated in NOSPLAN held in Feb 2023 at LPU University, Jalandhar and were declared as winners (First).

#### **9. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

There were three eminent speakers who delivered lectures on Water Security by Dr. Prarthna, Land use Urbanization and Globalization by Dr. Anirudh Burman and Critical Issues and Challenges of water Supply by Mr. Sanjib Sharma

## 2.9 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 Qualifications	Areas of Specialization
Prof. Dr. Vinita Yadav	Professor of Regional Planning	Ph.D.	Governance, Resilient Planning, Pro-poor development, Planning for Region, Disaster management
Dr. Chetna Singh	Assistant Professor of Regional Planning	Ph.D.	

### 4A. Details of teaching work undertaken in the Department

	Subject	Sem	type	Hours/Week
Vinita Yadav	Institutional Analysis and Governance	III	Lecture, Seminar, Tutorial, Presentations	2
	Studio: District Development Plan for Ahmedabad Metropolitan Region, Gujarat, 2042	III	Practical	10
		Master and Ph.D. Guidance		8
	Planning for Region	II	Lecture, Seminar, Tutorial,	2

			Presentations	
	Studio: Block and Village Development Plan for Parseoni Block, Nagpur District, Maharashtra	II	Practical	2
	Water Resource Management in Bikaner District, Rajasthan by Anchal Chaudhary, January – June 2023	IV	Practical	9
	Strategies for Craft-based Economic Development: a Case of Puri District by Archana Dwibedy, January – June 2023			
	Socio-Economic Development of Backward District: Case of the Dangs District, Gujarat by Aditi Kaviwala, January – June 2023			
		Master & Ph.D.Guidance		7
Chetna Singh		Semester	Subjects (Theory and Studios)	Hours per Week
	Studio	I	Studio	7
	Planning for Conservation	III	Theory	0.5 (8 hours in total)

#### 4B. Details of teaching work undertaken by Visiting Faculty

S.No	Name of 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.	Dr. S.K. Raut	II	Poverty and Development	2
4.	Mr. Rishi Raj Bansal	II	Regional Infrastructure	2
5.	Mr. Shubham Mishra	II	GIS	2
6.	Ms. Alpana Bose	II	Studio	10
7.	Dr. Akshay Sen	III	Project Planning	1
8.	Dr. S. Gupta	III	Project Planning	1
9.	Mr. Shubham Mishra	III	GIS	2
10.	Mr. Sanjeev	III	Legal Issues in Planning and	2

	Saxena		Professional Practice	
11.	Ms. Alpana Bose	III	Studio	3
12.	Mr. Rakesh Kapoor	III	Future Region (IE)	1
13.	Dr. S.K. Raut	III	Future Region (IE)E	1
14.	De. Sachin Chowdhry	IV	Politics and Public Policy (IE)	1
15.	Ms. Alpana Das	IV	Politics and Public Policy (IE)	1

## 5. Details of Studio Work Undertaken by Students

### **AHMADABAD METROPOLITAN REGION PLAN, 2042**

The third semester studio is based on preparing a Metropolitan Region Plan with focus on understanding the complexities of a region, identifying issues, formulating strategies, identifying projects and working out the governance framework for implementing the plan.

Metropolitan regions are driven by city and hinterland relations, which is of great relevance in today's context of privatization and globalisation. The metropolitan regions also generate several agglomeration economies which act as economic opportunities for the region and create dynamism for it. The metropolitan region plays a significant role in economic interactions in terms of backward and forward linkages, work, accessing various kinds of services and facilities, and so on.

The studio exercise aims to prepare a metropolitan region plan for Ahmedabad City. Tasks to be carried out are as follows:

1. Delineating the metropolitan region to be taken up for detailed study.
2. Preparation of Base Map and data analysis pertaining to demography, socio-economic, livelihood, natural resources etc.
3. Carry out spatial, socio-demographic, physical, economic, environmental and institutional analysis for the delineated area.
4. Identify issues and potentials and suggest strategies. Give proposals for the metropolitan region.
5. Identify projects based on proposals and prepare an implementation plan detailing the phasing of investment and sources of funds.
6. Prepare Metropolitan Region Plan for Ahmadabad for 2042

### **Block and Villave Development Plan for Pareoni Block , Nagpur District, Maharashtra, 2043**

The Second Semester studio exercise relates to preparation of a Block and Village development plan. The plan was prepared for Parseoni Block, Nagpur District, Maharashtra. The Block and village forms an essential unit of study as a part of decentralized planning and governance that possesses the required heterogeneity and is small enough to undertake people in planning and implementation. The output of the planning exercise is to come up

with spatial strategies for the development of various sectors and to recommended policy interventions wherever required.

## 6. List of Thesis Topics

S.No	Enrl. No	Name of Student	Thesis Titles	Guide
1	SPA/NS/RP 1535	Abna C. Azad	Strategies for Sustainable Blue Economy	Mr. J.K. Kapoor
2	SPA/NS/RP 1543	Aditi Kaviwala	Socio-Economic Development of Backward District- Case of the Dangs District	Prof. Dr. Vinita Yadav
3	SPA/NS/RP 1536	Anchal Choudhary	Water Resource Management in Bikaner District	Prof. Dr. Vinita Yadav
4	SPA/NS/RP 1537	Ankadala Yuvasri	Economic Revival of Handloom Industry: Pochampalli Tehsil, Yadadri Bhuvangiri District, Telangana	Ms. Anuradha Y.
5	SPA/NS/RP 1553	Susmita Agrawal	Development Strategy for Odisha Economic Corridor (OEC)	Ms. Anuradha Y.
6	SPA/NS/RP 1539	Anshul Malewar	Development Strategies for Sustainable Tourism in Raipur District'	Dr. S.K. Raut
7	SPA/NS/RP 1541	Archana Dwibedy	Strategies for Craft-Based Economic Development: A case of Puri District	Prof. Dr. Vinita Yadav
8	SPA/NS/RP 1542	Bhavya Thakkar	Strategies for sustainable Infrastructure Development of Faridabad Metropolitan Region	Mr. Vivekananda Gupta
9	SPA/NS/RP 1544	Krati Sharma	Strategies for Backward and Forward Linkages for Agriculture Development of Vidisha District	Mr. K.K. Joadder

10	SPA/NS/RP 1550	Surjali Das	Jute Industry as a catalyst for Economic Rejuvenation of Kolkata Metropolitan Area	Mr. K.K. Joadder
11	SPA/NS/RP 1545	M. Anushree Nair	Planning strategies for Conservation of Mangroves in Kannur District, Kerala	Dr. Chetna Singh
12	SPA/NS/RP 1546	Pooja Sandeep Patil	Strategies to Address the Agrarian Distress in Osmanabad District, Maharashtra	Dr. Chetna Singh
13	SPA/NS/RP 1547	Rahul Verma	Inclusive Development Strategies for Healthcare Planning: Case of Kathua District, Jammu & Kashmir	Mr. R. Srinivas
14	SPA/NS/RP 1548	Rajdeep Kulshrestha	Revival of Glass Industry in Firozabad	Mr. P.S. Uttarwar
15	SPA/NS/RP 1549	Sukriti Suman	Impact of Climate Variability on Agriculture: Case of Rewari District, Haryana	Dr. Mahendra Sethi
16	SPA/NS/RP 1538	Ankush Jaswal	Faecal Sludge Management System, Dharampur Block, Mandi District, Himachal Pradesh	Mr. Rajiv Malhotra
17	SPA/NS/RP 1540	Apoorva Meena	Integrated Water Resource Management for Alwar District	Mr. Rajiv Malhotra

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

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks 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	Prof. Dr. Vinita Yadav	Part-time



		Uttarakhand.		
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	Part-time (since 2023)
2022-23	Ms. Meenakshi Tyagi	Developing a Framework for Sustainable Food Systems in a Region	Dr. Chetna Singh	Part-time

**8. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

Dr. Barsha Poricha - on Report writing skills

## 2.10 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 Qualifications	Areas of Specialization
Prof.Dr. Sanjay Gupta	Professor of Transport Planning	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
Prof.Dr. Sewa Ram	Professor of Transport Planning	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

Dr. Chidambara	Associate Professor of Transport Planning	Ph.D.	Transport Planning
Dr. Bhaskar Gowd Sudagani	Assistant Professor of Transport Planning	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 by Visiting Faculty

S.No.	Faculty	Semester	Subject Theory & Studios	Hrs. Per Week
1.	Ms. Vaishali Gijre	III	Studio	2
2.	Dr. V.Maitri	III	Lecture	2
3.	Sh. Amit Bhatt	IV	Thesis	6
4.	Dr. V.Maitri	IV	Thesis	3
5.	Ms. Vaishali Gijre	II & IV	Studio+ Thesis (9+3)	12
6.	Sh. YP Sachdeva	II & IV	Studio +Thesis (5+6)	11
7.	Sh. Laghu Parashar	IV	Thesis	9
8.	Ms. Anjula Negi	IV	Thesis	9

## 5. Details of Studio Work Undertaken by Students

SN.	Semester	Title of the Studio Assignment & Brief Description
1.	II	<p><b>Comprehensive Mobility Plan, 2041 for Bikaner, Rajasthan</b></p> <p>The aim was to provide improved mobility for the people of Bikaner with a safe, secure, efficient, and reliable transport system emphasizing the pre-eminence of public transport, non-motorized transport, &amp; integrating the land use with transport networks.</p> <p>The existing transport network, traffic characteristics, travel pattern and transport systems of Bikaner 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.</p>
2.	III	<p><b>Design for Connectivity of Integrated Transport Systems in Varanasi.</b></p> <p>The project was structured around four distinct groups, each meticulously delving into the engineering and design intricacies of different transport systems. These endeavors included tasks such as change determination, technical feasibility assessment, alternative exploration, density mapping, and infrastructure drawings. The first group focused on Ropeway systems, scrutinizing parameters related to its implementation. The second group concentrated on Metro systems, evaluating technical viability and proposing potential alternatives. Simultaneously, the third group engaged with Inland Water Transportation (IWT) systems, mapping out density patterns and generating infrastructure blueprints. The fourth and final group assumed the responsibility of integrating these diverse transport modes into a harmonized network. This culminated in the creation of a multi-modal hub design, serving as the nucleus of connectivity for Ropeway, Metro, and IWT systems.</p>

3.	III	<p><b>INTEGRATED PUBLIC TRANSPORT PLAN FOR VARANASI</b></p> <p>The aim of the study was to develop an Integrated Public Transport Plan for Varanasi . The objectives of the studio exercise were to review global best practices for planning of an Integrated Public Transport system, assess the existing public transport system characteristics &amp; its demand patterns in Varanasi , identify issues related to its performance and evolve alternate strategies for developing an integrated public transport plan for Varanasi. In this context a number of primary surveys were conducted by the students in Varanasi comprising of public transport and IPT boarding and alighting surveys, bus and IPT passenger surveys, public transport terminal surveys, surveys soliciting opinions from private vehicle users through stated preference etc. Based on field studies and secondary data analysis various issues were identified. Public transport travel demand assessment was carried out and appropriate integrated public transport planning strategies for immediate period 2022-24, short term period 2024-27 and medium term period 2027-32 respectively were evolved as part of the plan.</p>
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## 6. List of Thesis Topics

Roll No.	Name of the Students	Thesis Topic	Thesis Guide
SPA/NS/TP/693	Nitesh Maurya	Planning Of Hierarchical Logistics Facilities For Goods Movement In Metropolitan City Of Delhi	Prof. Dr. Sanjay Gupta
SPA/NS/TP/704	Abidh N V	Characteristics of freight generation in major freight handling areas of Calicut city	Dr. Pankaj Kant
SPA/NS/TP/705	Aiyush Maurya	Supply Chain Performance of FMCG in urban freight: A case study of floriculture in Delhi	Prof. Dr. Sanjay Gupta
SPA/NS/TP/706	Akash	Green logistics for delivery in E commerce - south delhi	Prof. Dr. Sanjay Gupta
SPA/NS/TP/707	Amit Kumar	Economics of On-Demand Ride Sharing Service in Metropolitan City.	Dr. Bhaskar Gowd Sudagani
SPA/NS/TP/708	Anagha R Nath	Evaluation of decision support system for disaster management using multi criteria	Dr. Pankaj Kant

		decision techniques FAHP and BWM methods: case city Alappuzha, kerala	
SPA/NS/TP/709	Ankita Das	Development of composite index for evaluation of interchange with respect to transport infrastructure and user behaviour.	Prof. Dr. Sewa Ram
SPA/NS/TP/710	Arun Kumar	Planning of Multi-modal logistics parks and its impact assessment - Case study :NCR	Prof. Dr. Sanjay Gupta
SPA/NS/TP/711	Bharti Singh	Value Of Time For Cyclist For Different Purposes - A Case Of Bhopal	Dr. Bhaskar Gowd Sudagani
SPA/NS/TP/712	Devarshi Purwar	Develop a user satisfaction index using social media data : A case of Delhi Metro	Prof. Dr. Sewa Ram
SPA/NS/TP/713	Gaikwad Rupesh Ram Sanjana	Efficacy of Design Alternatives for Access and Dispersal at Railway Stations	Prof. Dr. Sewa Ram
SPA/NS/TP/714	Himalaya Gajjar	Assessment of drivers and barriers in adoption of MaaS – a case of Noida	Dr. Pankaj Kant
SPA/NS/TP/715	Harsh Gaur	Use of ITS for solid waste management	Dr. Bhaskar Gowd Sudagani
SPA/NS/TP/716	Kamesh Nagar	Impact on Travel Behaviour due to Commuting Stress	Dr. Bhaskar Gowd Sudagani
SPA/NS/TP/717	Lakshman R	Impact of unproductive time on VOT in freight operations	Dr. Bhaskar Gowd Sudagani
SPA/NS/TP/718	Muskan	Carpooling as travel demand management tool for mega city- Delhi	Prof. Dr. Sanjay Gupta
SPA/NS/TP/719	Nethi Goutham	Potential of electrification in urban freight vehicle	Prof. Dr. Sanjay Gupta
SPA/NS/TP/720	Patil Harshali Vijay	Benchmarking Urban Freight Productivity in Textile Sector- Case Study of NCT Delhi	Prof. Dr. Sanjay Gupta
SPA/NS/TP/721	Parul Ravindra Awasthi	Geomapping of Safe Network & Assessment of Reliability Using NSRI Model : Introduction to Safer Route Optimization - A Case of Nagpur.	Prof. Dr. Sewa Ram
SPA/NS/TP/723	R Pratheepa	Modelling of online and offline customer behaviour	Dr. Pankaj Kant

SPA/NS/TP/724	Rahul Chakraborty	Port Bound area Traffic Management, Case study - Haldia Port, West Bengal	Prof. Dr. Sewa Ram
SPA/NS/TP/725	Rajdeep Kar Choudhury	Lane Diverging as potential bottleneck:Its investigation and mitigation using Fluid Dynamics and Validating it by ANN	Prof. Dr. Sewa Ram
SPA/NS/TP/726	Rohan Vardhan	Establishing an Urban Crash Prediction (UCP) Model using Spatio-AI techniques in a developing country	Prof. Dr. Sewa Ram
SPA/NS/TP/727	Sarthak Jain	Impact assessment of RRTS on development patterns	Prof. Dr. Sanjay Gupta
SPA/NS/TP/728	Sudeep Topno	Research Study on Infrastructure of Drone Ambulance in Remote Areas	Prof. Dr. Sewa Ram
SPA/NS/TP/729	Syed Mohd Faraz	Impact of Traffic Congestion Level on Urban Freight Efficiencies	Prof. Dr. Sanjay Gupta
SPA/NS/TP/730	Valusa Sai Kiran	Modelling of mode choice behavior during offpeak hours	Dr. Pankaj Kant

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

S.N	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 Assessment and its Management	Prof. Dr. Sewa 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	Adil Ata Azmi	Road accident Costing in India	Prof. Dr. Sewa Ram`
15.	Ish Kumar	Freight strategies for E-Commerce in Urban Area	Dr. Chidambara
16.	Ayush Jain	Transport Accessibility to healthcare facilities in rural regions	Prof. Dr. Sewa Ram`

## 8. Student/ Faculty Awards or Recognition

### 1. Akash

Silver medal MNIT sports meet Jaipur 2023

### 2. Saikiran - NOSPLAN (Survey to Solve Event ) - 2nd Prize - 2022

Sponsored by "OLA MOBILITY INSTITUTE"

Event took place at Bangalore

### 3. Rohan Vardhan

Patent:

#### 1.) Urban Crash Prediction Model using Segment-Based Analysis (Published) - 2023

Research Papers:

- 2.) Evaluating and Optimizing Intersection Performance in Indian Context - A Case Study - International Journal of Transportation Engineering and Traffic System - 2021
- 3.) Evaluating the Impact of Incident Collision Angle in Vehicle-to-Vehicle Accidents - Indian Journal of Transport Management (CIRT) - 2022
- 4.) A study of influence zone for railway stations of different hierarchy in the Indian Railways: analyzing passenger travel patterns - Urban, Planning and Transport Research - 2023

Certificates:

- 1.) Data Analytics - Introduction to Machine Learning - Alison - 2022
- 2.) Transport Planning: Introduction to 4 stage modelling

### 4. Parul.R.Awasthi

1. Jagamohan Award for Meritorious student from Weak financial Background Category - 2022
2. Nosplan - Darbadar Site (Planning Trophy) 2022
3. Special recognition as Aluminus from Institute of Design Education and Architectural Studies, Nagpur 2023 (Featured on TOI)



## **5. Muskan**

Paper presentation in conferences

1. Urban Transport Conference 2022 – Frankfurt, Germany
2. Infrastructure and Built Environment: Towards Sustainable and Resilient Societies 2023- IIT Kharagpur
3. Online course on Advanced Data Analytics and Cyber-Physical Systems for Urban Mobility by IIT BHU
  - Online GIS Workshop by Interpolis Urban Solutions
  - Online short course on Advanced Techniques for Traffic Data Analysis, Visualization and State Estimation for Indian Cities
- 6 week Data Science course by IIT Guwahati

## **6. Nethi Goutham**

Bronze medal, Carroms spa sports (Athlos 2022)

## **9. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

### **1 Professor Dilum Dissanayake from University of New Castle (U.K.)**

22nd September, 2022 (Shared Green Mobility Hub)

### **2 Prof. Geetam Tiwari Professor of IIT Delhi**

23rd November, 2022 (Transport Infrastructure Design)

### **3. Dr. Rohit Baluja Principal College of Traffic Management, Faridabad**

29th March, 2023 (Efficiency of Traffic Control Measures.)

### **4 Prof. Dr. P K Sarkar Ex Professor & Head**

Transport Planning, SPA Delhi. 05th April, 2023

(Approach to Integrated Mobility)

### **5 Prof. Dr. Ing Regine Gerike Dean of the faculty of Transport & Traffic Scarcenes TU Dresden, Germany (TUD).**

24th March, 2023 (Sustainable Mobility-challenges Innovations)

### **6 Dr. Shawon Aziz Transportation Engineer, TRL**

**7 Mr. Jacob George** Consultant ICT PVT Ltd.

19th April, 2023 (Road Safety & Environment)

**8 Prof. Dr. Jit Bajpai** Adjunct faculty member of Columbia University and former Director of the World Bank

24th July, 2023 (Infrastructure of the Future)

## 2.11 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
Prof.Dr. Arunava Dasgupta	Professor of Urban Design	Ph.D; M.Arch. (UD)	Urban Design
Mr. Manu Mahajan	Associate Professor of Urban Design	MSc in Urban Economic Development, University College London. M.Arch. (Urban Design), School of Planning and Architecture, New Delhi B.Arch, NIT, Tiruchirappalli	Urban Design, Urban Heritage

### 4. Details of teaching work undertaken by Visiting Faculty

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Rajender Singh	3	<ul style="list-style-type: none"> <li>• Design Studio-III</li> </ul>	3
	4	<ul style="list-style-type: none"> <li>• Thesis Studio</li> </ul>	3
Nishant Lall	1	<ul style="list-style-type: none"> <li>• Urban Form Lab-I</li> </ul>	3

	1	• Design Studio	3
	4	• Thesis Studio (Tutorial)	3
Suneet Mohindru	1	• Site Planning (L)(W/S)	3
Sanjay	3	• Design Studio – III (ST)	6
Kanvinde	4	• Thesis Studio (ST)	6
Mriganka Saxena	1	• Urban Design Methodologies	2
Abhimanyu Dalal	4	• Thesis Studio (ST)	6
Rajiv Bhakat	4	• Thesis Studio	6
	4	• Departmental Elective (L) Future Cities	2
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
Varun Amar Kaushik	1	• Urban Form Lab-II	3
	4	• Departmental Elective	3
Vandini Mehta	3	• Reading the City ( L & S)	4
	2	• Urban History and Development	2

		Theory-II (S)	
Aishwarya Tipinis	2	<ul style="list-style-type: none"> <li>Urban Policy and Management Framework</li> </ul>	2
Marisha Sharma	2	<ul style="list-style-type: none"> <li>Urban Policy and Management Framework</li> </ul>	2
Shveta Mathur	3	<ul style="list-style-type: none"> <li>Design Studio -III</li> </ul>	6
	3	<ul style="list-style-type: none"> <li>Urban Form Labs –I</li> </ul>	3
	2	<ul style="list-style-type: none"> <li>Participatory Planning and Co-Design Tools</li> </ul>	2
	4	<ul style="list-style-type: none"> <li>Thesis Studio</li> </ul>	
Pranav Singh	3	<ul style="list-style-type: none"> <li>Planning the City- II (L)</li> </ul>	2
	2	<ul style="list-style-type: none"> <li>Planning the City- I (L)</li> </ul>	2
Aparna Ash Kanojia	3	<ul style="list-style-type: none"> <li>Development Practice/ Project Planning &amp; Finance</li> </ul>	2
Rwitee Mandal	3	<ul style="list-style-type: none"> <li>Urban Form Lab-I</li> </ul>	3
	4	<ul style="list-style-type: none"> <li>City Future Lab-I</li> </ul>	3
	4	<ul style="list-style-type: none"> <li>Thesis Studio (Tutorial)</li> </ul>	3
Animesh Dev	1	<ul style="list-style-type: none"> <li>Urban History and Development Theory-I (S)</li> </ul>	2
	1	<ul style="list-style-type: none"> <li>Research Methods</li> </ul>	2
	3	<ul style="list-style-type: none"> <li>Institutional Elective-I</li> </ul>	2
	3	<ul style="list-style-type: none"> <li>Departmental Elective</li> </ul>	2
	4	<ul style="list-style-type: none"> <li>Thesis Studio (Tutorial)</li> </ul>	3
	4	<ul style="list-style-type: none"> <li>Thesis Studio (Research)</li> </ul>	1
Adarsha Kapoor	1	<ul style="list-style-type: none"> <li>Design Studio</li> </ul>	6

	2	• Design Studio	6
Amit Sarma	2	• Design Studio (Tutorial)	3
	1	• Digital Skills for UD	2
Somi Chatterjee	3	• Thesis Methodologies	3
Rohit Raj	3	• Urban Form Lab	3
Amit Talwar	3	• Urban Form Lab	3
	4	• City future Lab-II	3
Mitali Kedia	3	• Planning the City-II	2
	4	• Thesis Studio (Tutorial)	3
Leon Morenas	2	• Design Studio-II	3

#### 5. Details of Studio Work Undertaken by Students

Semester/Year	Project Title/Topic	Description
Design Studio-I: First Semester	Delhi Flows: an examination of urban form and living patterns along water channels of Delhi.	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. Five locations along the Najafgarh Water Stream had been selected in Delhi for detailed studies and project proposals.
Design Studio-II: Second Semester	Mission Cities- Jodhpur	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. Under the theme of “Mission” Cities, the city of Jodhpur had been taken up for an urban study and development of design proposals.
Design Studio-III: Third Semester	Local Area Planning and Design (LAPD)	The objective of the studio is to focus on inner city regeneration in Delhi examining issues related to urban operations and activities, social structure, economic and environmental considerations, infrastructural status, political influences, local governance, etc. The involvement of user groups and decision-making agencies as a part of project formulation and appraisal is the core theme of this studio. For the past ten years, the department has been working on community-based development frameworks in electoral wards of Delhi. This year three areas, Katwaria Sarai, Gautam Nagar & Hauz Khas were taken up for Local Area Planning and Design.

#### 6. List of Thesis Topics

Roll No.	Name of the Student	Thesis Topic	Mentors
UD/935	Aakash Panchal	Restructuring Urban peripheries Socio-spatial Impacts of Urban Transformation at the Confluence of Village and City: A Case of Muzaffarnagar City	Mansi Kataria
UD/936	Anusha Kumar	Combating Climatic Discomfort in Commercial city cores  Enhancing User Experience of Last-Mile Connectivity in Hot, Humid Environments: A case of T. Nagar, Chennai	Mitali Kedia
UD/937	Debaditya	Addressing the Conflict Between Urbanization and Ecology-Strengthening Ecology and Socioeconomic	Animesh Dev

	Maity	Interdependency through Ecologically Determined Urban Development in the East Kolkata wetland interface.	
UD/938	Deepali Khunteta	Addressing gender occupational segregation in isolated industrial estates -Reconfiguring Sitapura Industrial Area: Taking the lens of a working woman	Rwitee Mandal
UD/939	Divya Jain	Confronting spatial isolation associated with the ideology of confined knowledge environments- Integrating knowledge institutions within the city's knowledge wealth-Case of Sonipat	Nishant Lall
UD/941	Gunjan Jayant Bujade	Reimagined - the Relocated Santra Market:Enhancing Food-based Cultural Identity by approaching Agro-based Development in the precinct of Isolated Wholesale Market	Nishant Lall
UD/942	Harish Arupula	Contested Urbanism-De-commodification of the diverse living cultural heritage of the Jama Masjid precinct, Delhi through local Inclusion	Mansi Kataria
UD/943	Jadhav Sagar Sunil Shraddha	Enhance the Liveability of Indigenous Koli Community-A case of Versova Koliwada-Mumbai	Mansi Kataria
UD/944	Janani Lk	Urban spatial fragmentation Reshaping the city's fragmented urban landscapes through sustainable densification-A case of Chennai, Tamil Nadu	Mansi Kataria
UD/945	Khandekar Rucha Madan	Restructuring the neglected Historic core by contextualizing the transit-oriented development. A case of Historic core of Pune city.	Mitali Kedia
UD/946	Maisuria Divyakant Bharatbhai	Influence of Mass Transit in the context of Urban Village Restructuring the urban village by employing a bottom-up Approach, A case of Thaltej Gamtal, Ahmedabad	Mitali Kedia
UD/947	Mohd. Asif Ansari	Addressing the Urban Marginality in Indian Cities By Socio-Economic Integration of Marginalized Communities under the Threat of Eviction in Urban	Rwitee Mandal



		Areas-A Case of Aligarh	
UD/948	Mohd. Hussain	Environmentally Unsustainable overtourism in Himalayan Town- Finding an Alternate Livelihood Pattern for Kargil Town	Animesh Dev
UD/949	Monisha P	Reclaiming and Enhancing Heritage Experience A Heritage-led Journey of Restoring User Experience in Heritage Urban Landscapes  -A case of Madurai	Mitali Kedia
UD/950	Nandja Chopra	Negotiating Urban Informality within Formal Systems A live-work strategy for In-Situ Jhuggi-Jhopri Cluster Transformation in New Delhi	Animesh Dev
UD/951	Navami C G	Genius Exodus: A Design Inquiry into Kerala's Brain Drain Envisaging mediated environments to anchor the future generations, A case of Kakkanad, Kochi	Rwitee Mandal
UD/952	Omkar Mallikarjun Math	Enhancing every day spaces to promote socio-cultural wellbeing in the community: a case of Kapileshwar temple precinct, Belgavi.	Nishant Lall
UD/953	Pavan Km	Re-imagining Urban Spaces to Enhance Social and Mental Well-being of Youth Addressing Perceived Urban Stress in the Built Environment,  A case of Hosakerahalli, Bangalore	Rwitee Mandal
UD/954	Puspanjali Rajak	Enhancing flood resilience in an ecologically sensitive riverine town:  Case of Kampur, Assam	Nishant Lall
UD/955	Rana Anjaliben Tusharkumar	Revitalizing Old Industrial Neighborhoods:A Seamless Interface Between Transforming Industries And The City-A Case Of Kashiram Textile Mill, Ahmedabad	Mansi Kataria
UD/956	Ruthwik Sai Busam	Towards a 4IR Urbanism: Adapting Indian-Cities for Industry 4.0  Harnessing the potential of Suburban Neighborhoods through Integration of Ideal Urban	Animesh Dev

		Spatialities prompted by 4th Industrial Revolution.	
UD/957	Tanmay Koley	Limiting Gentrification in defunct Industrial area- Taking a case of Shibpur Industrial area, Howrah, West Bengal	Animesh Dev
UD/975	Diksha Jain	Declining Intangible Cultural Heritage in a Homogenising Inner City  Renewing collective memory, urban well-being and social cohesion by empowering Tarakasi artisans sustainably in Old Cuttack	Mansi Kataria
UD/907	Mohik Acharya	Countering Urban Redundancy :Upholding The Intrinsic Value Of A Core-Area Using A Multi-Pronged Approach In Ashram Road, Ahmedabad	Mitali Kedia

#### 7. 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/Ph.D/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/Ph.D/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	

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

- Two young alumni, Ms. Tarang Matia, Ms. Khushboo Talanje and Ms. Pragya Vedprakash were awarded the YUDAP (Young Urban Designers and Architects Program) Fellowship for a six-month internship in Paris for the period September 2022 to March 2023 by the Government of France. Till this year 16 young alumni from SPA have received this grant.
- Ms. Manasa Garikaparathi, a 2018 graduate from the Urban Design Department at SPA Delhi, has been selected for the Commonwealth Master's Scholarship 2023. She will be pursuing her MSc in City Design and Social Science at the London School of Economics and Political Science in the UK.
- Ms. Manasa Garikaparathi, a 2018 graduate from the Urban Design Department was chosen as a congress team member and rapporteur from India at the 58th ISOCARP World Planning Congress on 03rd -06th October 2022 held in Brussels, Belgium. She has also been selected as a UN Local Pathways Fellow for one year starting from March 2023
- As a part of the MoU between NTNU, Trondheim, Norway and the ongoing project on funded by UTFORSK-II, Norway, two fourth semester students Mr. Mohd. Hussain and Ms. Anusha Kumar travelled to NTNU Trondheim for 2 months in an academic collaboration to explore and advance their Masters' Thesis research

## **9. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

- Center for Urban Design Innovation (CUDi) in the department of Urban Design in partnership with Safetipin and YP Foundation was awarded a four-year grant from Botnar Foundation, Switzerland, which has continued this year to conduct a research project called Cities for You(th): Digital tools to enable youth leadership for urban well-being for three years 2021-24. Most of the research for the project is related to water, women and urbanism.
- 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. As a part of this project the following joint workshops were conducted:

1. A joint Summer School called "Heritage as Placemaking" was organized in Kathmandu between the 22nd September – 29th September 2022, wherein 4 students and 2 faculty members participated along with students and faculties from Heidelberg, Germany and Kathmandu, Nepal. Participants were introduced to a wide range of heritage activities in the Kathmandu Valley and explored various aspects of culture and heritage activism.

2. As a part of the project, students and faculty from Kathmandu University, Nepal and School of Planning and Architecture, New Delhi, India engaged in a South-South Exchange program in New Delhi from 22nd January to 28th January 2023. 4 students and 1 faculty member from the Faculty of Fine Arts, Kathmandu University to New Delhi participated with students and faculty from the department and the exchange fostered an opportunity to exchange lessons and experiences about the South Asian context.

3. A joint workshop was held between 25 February – 03 March 2023 in New Delhi at the Department of Urban Design wherein 6 students and 3 faculty members from Heidelberg University, Germany and 6 students with 1 faculty member Kathmandu University, Nepal participated with us in documenting and analysing urban transformation in Shahjahanabad as well as Kishangarh (an urban village) to gain insights about changing organic built fabrics.

- The Department of Urban Design at the School of Planning and Architecture, New Delhi has secured an academic partnership grant between SPA -D, NTNU, Norway and UCT, Cape Town funded by UTFORSK, Norway for academic exchange, student mobility, joint studios and research collaborations from 2020-2026. As a part of this project, a joint field -based cross-sharing workshop between students and the faculty of NTNU, Trondheim-Norway & SPA-Urban Design was held in Kochi, Kerala from 3rd to 7th October, 2022. 9 students from the third-semester and 2 faculty members from the Department of Urban Design participated in the workshop.
- A special lecture was scheduled in the Department of Urban Design on 2nd November at 2:30 pm by Mr. Benny D Barkataki. He is a well-known wildlife photographer and accomplished communications professional. The title of his talk was 'Role of Wetlands in Harbours Cities from Natural Calamities'.
- Professor Madhavi Desai delivered an online special lecture in the Department of Urban Design about "Gender and Space in Indian Cities: Reimagining Design and Planning" on 13th October 2022.
- A special lecture was scheduled in the Department of Urban Design on 21st September 2022 at 2:00 pm by Mr. Soumya Dutta and the title is "Climate Change and Urban Poor: Addressing the Blind Spots and Disconnects". He is an educator, researcher, author and activist working on Climate, Energy & related ecological justice issues. Has written extensively on these, trained large no of activists, teachers and students, wrote studies of ecological & CC impacts in many areas.
- Professor KT Ravindran delivered a special lecture in the Department of Urban Design about "Symbolic Spaces and Urban Design" on 31st August 2022.

## 2.12 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 Qualifications	Areas of Specialization
Prof. Dr. Sanjukta Bhaduri	Professor of Urban Planning	B.Arch, M.City Planning, Ph.D	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

Prof. Dr. Prafulla Madhukar Parlewar	Professor of Urban Planning	Ph.D. (Urban Planning - Japan), M. Plan (SPA, ND), B. Arch (VNIT, Nagpur)	Urban Regeneration
Mr. M. Palaniappan	Associate Professor of Urban Planning	MA Economic, M.T.P (Town and Country Planning), M.P.S( Population Studies)	Town and Country Planning Population Studies
Dr. Chandrani Bandyopadhyay Neogi	Associate Professor of Urban Planning	MA (JNU), M.Plan (SPA_Delhi), PhD (NIT Kurukshetra)	Disaster Management, Urban Resilience Planning, Inclusive Planning, Climate Resilience
Dr. Nilanjana Dasgupta Sur	Assistant Professor of Urban Planning	Doctoral of Research [Ph D]	Urban Planning
Mr. Palthya Srinivas Naik	Assistant Professor of Urban Planning	MURP	Infrastructure Planning, Policy Analysis, Special Area Planning etc.

Dr. Sakkeri Ramya	Assistant Professor of Urban Planning	Ph.D.	Urban Dynamics, Decision Making Techniques, Climate change analysis
Mr. Karan Barpete	Assistant Professor of Urban Planning	Master in City Planning, B. Arch.	Urban Planning

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

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hours/Week
1	Ms.Aparna Ash Kanojia	II	Project Planning & Management	2
2	Mr. Amit Bhargava	II	Urban Information System and Spatial Analysis	1
3	Mr. Shubham Mishra	II	Urban Information System and Spatial Analysis	1
4	Ms. Hridi Kaul Jalali	II	Studio (Guidance)	4
5	Shri S. B. Khodankar	II	Studio (Guidance)	8
6	Mr. Rajeev Malhotra	IV	Thesis (Guidance)	7
7	Dr. Kanchan Gandhi	IV	Thesis (Guidance)	7
8	Shri J.K Kapoor	IV	Thesis (Guidance)	7
9	Shri R. Srinivas	IV	Thesis (Guidance) Urban Development Policies	7 1
10	Sh. P.S. Uttarwar	IV	Thesis (Guidance)	8
11	Mr. Anshu Sharma	IV	Climate Resilient Urban Development	1
12	Ms. Raina Singh	IV	Climate Resilient Urban Development	1

## 5. 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 2022)	Urban Infrastructure Plan and Projects: Ahmedabad	<p>Ahmedabad, with a population of 5.8 million in the municipal area and 6.3 million in the urban agglomeration area in 2011, is the seventh largest metropolis in India and the largest city of Gujarat State. Spatially, the city is divided into 2 areas by river Sabarmati, known as western region and eastern region. Ahmedabad has a rich history and cultural identity and is presently a modern industrial centre. Ahmedabad has experienced a large increase in the number of vehicle. The present issues of urban infrastructure show a critical need for a sustainable and inclusive infrastructure plan for Ahmedabad city.</p> <p><b>Studio Exercise Part – I: Urban Infrastructure Plan for Ahmedabad</b></p> <p>This part dealt with the preparation of urban physical and social infrastructure plan in relation to Ahmedabad’s spatial growth and development. The preparation of this plan was based on primary and secondary surveys. Information sources like Master Plan, Zonal Development Plans, Local Area Plans, Town Planning Schemes, Smart Cities Mission, City Development Plan, and other planning related documents were studied for understanding the gaps in infrastructure. Also, primary surveys were conducted in selected localities of the city for identifying the key issues in the city. Some of the sectors for study are as follows: Water supply, Sewerage and sanitation, Solid waste management, Energy and power , Education, Health care, Open spaces and recreation, Safety, security and disaster management, Sports facilities and telecommunications, Socio-cultural, civic amenities, and other facilities.</p>



		<p>The Tasks for the city included:- Analysis of population and physical growth including land use, assessing status of development of selected sectors of infrastructure, identifying community perception with regards of availability and accessibility of infrastructure, critically examining the role of agencies in infrastructure development, identifying critical issues, and potential of infrastructure facilities, projecting future populations of the city, working out infrastructure requirements for future projected population, formulation of planning strategies and policy guidelines for future development and management of infrastructure.</p> <p><b>Studio Exercise Part – II: Detailed Project Reports</b></p> <p>In this part, critical geographical areas or study aspects were identified sector-wise for the preparation of Detail Project Report (DPRs). These was done by consulting research material on the city, analysis of statistical data (secondary as well as primary surveys) and identifying issues or problems and potential of infrastructure development sector-wise. The DPRs were undertaken in following sectors: Water supply, Sewerage and sanitation, Solid waste management, Energy and power , Education, Health care, Open spaces and recreation, Safety, security and disaster management, Sports facilities and telecommunications, Socio-cultural, civic amenities, and other facilities.</p> <p>The Tasks for the city included:- Analysis of population and physical growth including land use, assessing status of development of selected sectors of infrastructure, identifying community perception with regards of availability and accessibility of infrastructure, critically examining the role</p>
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			of agencies in infrastructure development, identifying critical issues, and potential of infrastructure facilities, projecting future populations of the city, working out infrastructure requirements for future projected population, formulation of planning strategies and policy guidelines for future development and management of infrastructure.
2.	II (Jan-May 2023)	Master Plan and Zonal Development Plans For Hubballi-Dharwad,Karnataka: 2043	<p>Hubli-Dharwad is Karnataka's second-fastest growing city and developing industrial hub. Due to the prominence given to the state of Karnataka, a considerable growth was seen between 1961 and 1981. The Government of India Act of 1850 allowed for the establishment of the Hubli Municipal Council on August 15, 1855. On January 1st, 1856, the Dharwad Municipal Council was established for the first time. In 1962, the two cities of Hubli and Dharwad were combined to form the Hubli-Dharwad Municipal Corporation, which was regarded as a groundbreaking experiment in the history of urban development.</p> <p><b>Exercise 1: Master Plan for Hubballi-Dharwad Urban Area</b></p> <p>It dealt with preparation of a spatial and land use plan for future physical growth of Hubballi-Dharwad and it was done by over-viewing Hubballi-Dharwad spatial growth and development and their issues from various sources like past master plans, City Development Plan for Hubballi-Dharwad city, Hubballi-Dharwad - Smart Cities Mission, Major Development Projects under Atal Mission for Rejuvenation and Urban Transformation (AMRUT), Pradhan Mantri Awas Yojana (PMAY-Urban), State Plan Division, Planning Commission, Government of India, and by conducting primary surveys in select localities with respect to the following sectors as they serve as backbone of urban development in Hubballi-Dharwad : are Regional Setting &amp; City Evolution, Demography and Socio-</p>

			<p>economic Profile, Land use, Economic Activities (Trade, Commerce, Industries, and Tourism), Housing, Traffic and Transportation, Physical Infrastructure, Social Infrastructure, Environment and Disaster, Heritage, Conservation and Urban Design, Governance and Municipal Finance.</p> <p>The Tasks for the city included:- Identifying or delineating the planning region for preparation of the Master Plan, Describing demographic, social and economic characteristics of the planning region, Analyzing historical evolution and land use patterns of the city, Studying growth and development of different activities and sectors of the city, Assessing the status of infrastructure development in the city, Examining role of institutional setup, governance system and municipal finance, Identifying issues and potential of growth and development in the city, Projection of general and working population as per Census classification and future requirements, Identifying land availability and suitability for future growth and development, Conceptualizing future proposed activity pattern and plan for 20 years, Proposing future land use plan for 20 years based on the conceptual plan envisaged, Formulation of planning strategies and policy guidelines(Proposals) for future direction of growth and development of the city.</p> <p><b>Exercise 2: Zonal Development Plans for Hubballi-Dharwad Urban Area</b></p> <p>Zones were identified based on functional characteristics: Highlighting location, linkage and road connectivity, Describing growth, spatial distribution and density of population, Studying land use and physical growth, Analyzing traffic volume, road circulation and mobility pattern, Assessing status of economic function, activity and development , Examining role of</p>
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			governance and municipal finance , Identifying issues and potential of growth and development , Projection of general as well as working population , Working out future demand for infrastructure , Proposing future land use (plan) based on the conceptual plan , Formulation of strategies and policy guidelines for future growth and development, Select important tasks (4-6 in number) that are highlighted as above may be converted into overall and group-wise objectives of these exercises.
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## 6. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Aashfa Ahsan	Planning strategies for private sector guided residential development in Greater Noida	M. Palaniappan
2	Afia Siddiqui	Planning for the Resolution of water conflicts: A Case of Rangpuri Pahari and Vasant Kunj	Dr. Chandrani B
3	Amit Sarkar	Planning for RRTS Influence Zones: Strategies for Modinagar	Shri Srinivas Naik
4	Anannya Jha	Shared Mobility as a Tool for Sustainable Development	Dr. Prafulla Parwelar
5	Anshul Kulshreshta	Planning for Quick-Commerce: Case of Greater NOIDA	Shri Karan Barpete
6	Ashwini Kumar	Ecotourism in Nanital	Dr. Prafulla Parwelar
7	Ayusha Batham	Strategies for Land management of Indore	Shri Srinivas Naik
8	Savi Banore	Implication of TOD Policy on Urban Form in Nagpur	Shri Karan Barpete
9	Bhawna Jha	City at Night: Strategies for Jaipur	Dr. Prafulla Parwelar
10	Chaudhari Nikhil Sunil	E-waste management in Pune	M. Palaniappan
11	Divyanshu Yadav	Land use and public transport integration in Delhi	Shri Karan Barpete

12	Geddam Renuka sai	Planning Stormwater Infrastructure for Megacities: A Case of Mumbai	Shri Karan Barpete
13	Gurucharan Chhabra	Localizing SDG'S for Mathura - Vrindavan	Dr. Prafulla Parwelar
14	Kavya M	Managing urban drought and urban flood in Chennai	Dr. Chandrani B. Neogi
15	Kuldeep Tiwari	Planning for Sustainable Drinking Water Supply of Lucknow City	Shri Srinivas Naik
16	Mahima Suryavanshi	Planning strategies for supply chain management for perishable goods in Delhi	Shri Karan Barpete
17	M Arunima Rao	Strategies for Legacy Waste Management: Case study -Delhi	Shri Srinivas Naik
18	Moumita Sarkar	Planning for pandemic resilient cities: A case study of Burdwan, West Bengal	Dr. Chandrani B. Neogi
19	Natasha Saraswati	Development Strategies for Indore - Pithampur Economic Corridor	M. Palaniappan
20	Omveer Kumar	Integrating ESG (Environmental, Social and Governance) in Municipal Administration: A Case of Ghaziabad	Dr. Chandrani B. Neogi
21	Poonam Patta	Revitalisation of city core in Raipur	Dr. Prafulla Parwelar
22	Rachita Jain	Land value capture strategies in Jewar Airport	M. Palaniappan
23	Renchen Choeki	Planning for Green and Resilient Mobility in Hill City - A Case of Gangtok	Dr. Chandrani B. Neogi
24	Sahil Harbansh	Reimagining Metropolitan Raipur as a Lake City	M. Palaniappan
25	Saurav Gupta	Sustainable tourism planning for Nashik city	M. Palaniappan
26	Sheetal Kumar Kashyap	Integrated Planning And Development Strategy For Bastar Dussehra And Tourism In Jagdalpur	Shri Srinivas Naik
27	Shivam Sahu	Impact of Mixed Land Use on Housing Prices in Delhi	Shri Karan Barpete
28	Shivangi Singh	Inland Water Transport in Varanasi	Shri Karan Barpete
29	Shreya Singhal	Planning for 'Sponge City' : A case of Zone-F, Delhi	Shri Srinivas Naik
30	Soham Karmakar	Regeneration of Santiniketan, West Bengal	Dr. Prafulla Parwelar
31	Subhagata	Planning for Cyclone Resilient Urban Water	Dr. Chandrani

	Mukhopadhyay	Supply System: A Case of Baruipur, West Bengal	B. Neogi
32	Sunidhi Gupta	Urban Revitalization of the Kushinagar (Uttar Pradesh)	Dr. Chandrani B. Neogi
33	Gorle Tushar Yuvraj	Biophilic Urbanism: Strategies for Nagpur	Dr. Prafulla Parwelar
34	Yashswani Sharma	Planning for 'Just City': Equitable Transportation in Bhopal	M. Palaniappan
35	Saptami Sarkar	Strategies to enhance Siliguri as a Tourism Gateway City	Shri Srinivas Naik
36	Sikandar Kumar	Strategies for Ground Water Conservation in Patna	M. Palaniappan

### 7. 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. Sanjukta Bhaduri
2	SPA/NS/Ph.D/204/2018-19	Ms. Shruti Madav Vaishampayan	Urban Redevelopment and Patterns of Gentrification in Indian Cities	Prof. Dr. Sanjukta 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. Sanjukta Bhaduri
4	SPA/NS/Ph.D/188/2018-19	Mr. Debraj Chakraborty	Inclusive Resilience in Urban Flooding	Prof. Dr. Sanjukta Bhaduri
5	SPA/NS/Ph.D/277/2021-2022	Ms. Adhikarimayum Memthoibi Devi	Critical Infrastructure and Livelihood in Hill Stations	Prof. Dr. Sanjukta Bhaduri
6	SPA/NS/Ph.D/205/2018-19	Mr. Sunil	Land use and Accessibility in peri urban area	Prof. Dr. Sanjukta Bhaduri
7	SPA/NS/Ph.D/229/2019-20	Ms. Aditi Mitra Ghosh	Barrier-Free Energy Transition in Urban Planning	Prof. Dr. Sanjukta Bhaduri

8	SPA/NS/PH.D/224/2020-21	Ms. Supritha M Y	Social-Spatial Planning for Well being in Townships	Prof. Dr. Prafulla Parlewar 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/302/2022-23	Ms. Khyati Gulati Tewari	Walkability, Built Environment And Pedestrian Behaviour	Prof. Dr. Sanjukta Bhaduri
11	SPA/NS/PH.D/303/2022-2023	Ms. Aditi Arora Lamba	Creating A Framework For Optimising Spatial Urban Compactness	Prof. Dr. Sanjukta Bhaduri
12	SPA/NS/PH.D/304/2022-23	Mr. Nishith Srivastava	Community Based Tourism For Sustainable Growth-Case Of Meghalaya	Prof. Dr. Prafulla Parlewar
13	SPA/NS/PH.D/315/2022-23	Ms. Neha Yadav	Sustainable Communities: Revitalization Of Traditional Communities In Nagpur	Prof. Dr. Prafulla Parlewar
14	SPA/NS/PH.D/316/2022-23	Ms. Saptadipa Nandy	Adaptive Capacity Of Cities As Destination For Environmental Migrants In India	Dr. Chandrani B. Neogi
15	SPA/NS/PH.D/317/2022-23	Ms. Hemlata	Social Sustainability Of Mixed Land Use Neighbourhood In Indian Cities	Prof. Dr. Sanjukta Bhaduri
16	SPA/NS/PH.D/318/2022-23	Ms. Harshita Deo	A Model For Inclusivity Of Ageing Population In India	Prof. Dr. Prafulla Parlewar

## 8. Student/ Faculty Awards or Recognition

### IV Semester Students

- Participation in DULT Innovation Challenge, Directorate of Urban Land and Transport, Bengaluru
1. Aashfa Ahsan
  2. Ashwini Kumar

3. Kavya Muthukrishnan
  - Awards in Athlos (SPAD)
    - a. 2nd in Volleyball: Ashwini Kumar
    - b. Best Bowler (Cricket): Ashwini Kumar
    - c. 2nd in Football: Ashwini Kumar
    - d. 2nd in Cricket: Ashwini Kumar
    - e. 1st in Table Tennis Doubles: Soham Kamakar
    - f. 2nd in Table Tennis Singles: Soham Kamakar
    - g. 2nd in NOSPlan (LPU, Ludhiana) - Virtusity-(Music): Soham Kamakar

- Head Placement coordinator for 12 DepartmentS & Head Management for PG Interview: Gurucharan Chhabra

#### III Semester Students

- Participation in IIT Bombay FOSSEE Mapathon- Notable Participant
  1. Ashis Pattanaik
  2. Shriya Thakur
  3. Solanki Jayeshkumar Devendrabhai
- Awards in Excellence in Architectural Thesis
  1. 2nd Runner up in COA Awards for Excellence in Architectural Thesis 2022 & JK AYA Best Architecture: Rupan Biswas

#### **9. Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**

The following experts were delivered special lecture in the Development

Semester	Name of the faculty	Lectures
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II & IV

Dr. Shyamala Mani  
Mr. Pradeep Dadlani  
Mr. Ismail Haque

Heritage City  
Community Planning And Participation  
Community Planning And Participation  
Inclusive Cities

Dr. Ashu Dehadani  
Ms. Suprita Biswas  
Mr. Sandeep Budde

Sustainable Planning and Development  
Sustainable Planning and Development  
Infrastructure Planning









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



## 3.1 DESIGN INNOVATION CENTRE

### ABOUT DIC

- Design Innovation Centres (DIC) have been established in government institutions under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD under a Hub and Spoke model with the lead institution acting as the mentor while synergizing and leveraging the potential of the institutes at the field level.
- DIC is a platform for product or process innovations for students, faculty and citizens to give ideas that can be developed as products/processes. The mandate of DIC is also to act as an enabling / incubation centre for start-ups.
- Presently, there are 20 institutions that are DIC Hubs (including SPA-New Delhi, 10 IIT's and 9 Central Government Universities), 70 institutions are spokes, 1 e-Kalpa III, Open Design School (ODS) and 1 National Design Innovation Network (NDIN).

### **The purpose of setting up DIC Centres is to:**

1. Promote and enhance interdisciplinary design-focused innovation and creativity problem solving through design based education and projects.
2. Promote knowledge sharing and collaboration amongst industry, academia, Government Institutions, research laboratories, etc. for entrepreneurship and marketing of products.
3. Build a flagship programme in the areas of design and innovation which can be replicated in other institutes/universities in our country.



## **ACHIEVEMENT / WORKSHOP & EVENT ORGANIZED**

### **ORGANISED WORKSHOP / EVENTS:**

#### **1) AIDIC MEET – 2023 :**

**All India DIC Meet 2023 was held on 6th February, 2023 at Dr. Ambedkar International Centre, Janpath, New Delhi, Total no of Participants were approximately 550 Including Hub, Spoke, Students, Faculties & MoE officials & officials from other Ministries. There were 18 DIC Hubs, 28 Spokes & 3 Other DIC Initiatives who had participated in the Meet.**

**2) Design Innovation Centre & SPA Innovation Council of School of Planning & Architecture, New Delhi organized two webinars on “Start-up Success Stories” on 28<sup>th</sup> April, 2023.**

**3) Design Innovation Centre & SPA Innovation Council of School of Planning & Architecture, New Delhi organized two webinars on “Start-up Success Stories” on 11<sup>th</sup> May, 2023.**

**4) Design Innovation Centre (DIC) School of Planning and Architecture, New Delhi ORGANISE an Idea pitch up Competition among student, faculties and staffs I.E, “Pitch Kari-2023” on 22<sup>nd</sup> Aug, 2023.**

**5) Design Innovation Centre & SPA Innovation Council of School of Planning & Architecture, New Delhi organized a workshop “Utilization of Agrifibre Technology: A Step towards Circular Economy” on 1<sup>st</sup> Nov, 2023.**

**6) PROCEEDINGS: of 3<sup>rd</sup> of AIDIC Meet - 2023 (in process)**

### **DESIGN INNOVATION CENTRE (DIC), SPA-NEW DELHI AS A CENTRAL NODAL AGENCY (CNA):**

#### **DIC ACHIEVEMENTS:**

**1) DIC Coordination Center, SPA-New Delhi has been designated as a Central Nodal Agency (CNA) for implementing the scheme National Initiative for Design innovation (NIDI).**

- 2) DIC, SPA-New Delhi (CNA) has initiated the process of implementation through opening a Central Nodal Account in UCO Bank, IIPA Branch having a robust IT system to conduct the implementation as per the instructions from Ministry.
  
- 3) Implementation & overseeing the process of opening the particulars for 80 Hubs & Spokes (including IITs, NITs, IIM, Central & State Universities) are as follows:
  - **Zero Balance Subsidy Account**
  - **A separate bank account (holding account)**
  
- 4) Coordination & Mapping of 80 Hubs & Spokes accounts through PFMS Portal

## School of Planning and Architecture: New Delhi-110002

### List of Ongoing Institutional Consultancy Projects

Sr. No	Name of the Project	Name of the Project Coordinator	Department
1	Preparation of Detailed Feasibility study for Extension of Chennai Metro Rail Phase -II Corridors (Siruseri to Kilambakkam Bus Terminal) ' for Systra Faridabad Office	Sairam Dasari	Physical Planning
2	Vetting of ONGC Building and Construction Management Policy .	Prof. Dr. P.S.N Rao	Housing
3	Assessment of Impact of Merging and diverging of proposed ,MCD Office building at Ring Road Near Pargati Maidan Client MCD	Prof. Dr. Sewa Ram	Transport Planning
4	Traffic Impact Assessment for MTP Lakhview Residency Bhopal Client Madhya Pradesh Tourism Board	Prof. Dr. Sewa Ram	Transport Planning
5	Join as a "Expert Group Member for the ongoing Project "Clean Energy Living Labs-Urba Low Affordable Residence (CELLULAR ) Phase-ii	Prof. Dr. Chitrarekha Kabre	Architecture
6	Preparation of Traffic Management Plan of the project of ROB Project Client Northern Railway	Prof. Dr. Sewa Ram	Transport Planning
7	5G Application and related Training and capacity Building in NER, Client AMRTON	Dr. Prabhjot Singh Sugga	Architecture
8	Group survey and Total Station survey of Sultanpur Mazra Client DSIIDC , Delhi	Prof. Dr. Sanjukta Bhaduri	Urban Planning
9	Project Management Consultancy Services for Army Institute of Law, Mohali Client: Army Institute of Law Mohali	Prof. Dr. Prafulla Parlewar	Urban Planning
10	Preparation of Ex-LIDA Master Plan 2041 Client UPSIDA	Prof. Dr. Rabidyuti Biswas	Physical Planning
11	Oversight and Review of Interior works at the proposed new office of National Pension System Trust at NBCC Complex at Nauroji Nagar	Dr. Prabhjot Singh Sugga	Architecture

12	Vetting of ECBC Complience PWD Rest House, Hisar Haryana Client Mukesh Engg. Works, Panipat	Prof. Dr. Chitredha Kabre	Architecture
13	Consultancy For Construction of Infrastructure of Army College of Medical Science Client (ACMC)	Prof. Dr. Prafulla Parlewar	Urban Planning
14	Consultancy services for Vetting of Drawing BOQ and Estimate for Army Institute of Management and Technology, Grater Noida Client : (AIMT)	Prof. Dr. Prafulla Parlewar	Urban Planning
15	Fesibility Study for Creating State Capital Region -Lucknow , Uttar Pradesh" Client:- Awas Bandhu, UP (Hosuing and Urban Planning Deptt. Govt. of U.P.)	Prof. Dr. P.S.N Rao	Housing
16	Development of Wrestling area in Tsiesema , Kohima , Nagaland , Client: Department of YRS, Govt of Nagaland	Dr. Shuvojit Sarkar	Architecture
17	Formulation of two separate GIS based Master Plan for ULB area of Champawat and Lohaghat under DLDA Champawat, Uttrakhand" Client Chief Town and Country Planner TCPD, Govt. of Uttrakhand	Prof. Dr. Ashok Kumar	Physical Planning
18	Upgradation of Conference Hall of Army Welfare Education Society	Prof. Dr. Prafulla Parlewar	Urban Planning
19	Vetting of Design of RCC pipe of diameter 1800mm & 2000mm Client Verticast concrete (P) Ltd.	Prof. Dr. Binod Kr. Singh	Architecture
20	Upgradation of Cantonment General Hospital Delh Cantt. -Delhi Cantonment Board	Prof. Dr. Anil Dewan	Architecture
21	Design for Major Dhyan Chand Sports University Meerut. Client: Principal Secretary (Sports) Govt. Of UP, Lucknow	Prof. Dr. Anil Dewan	Architecture
22	Interior Architecture Design of NBT Brand Store (168 Sq. Ft.) at Vishwavidhyalaya Metro Station , Delhi Client-National Book Trust	Dr. Shuvojit Sarkar	Architecture
23	"Oversight and Review of interior work at New office PFRDA" at NBCC Complex Naurogi Nagar New Delhi, Client:- Pension Fund Regulatory and Development Authority , New Delhi	Prof. Dr. Anil Dewan	Architecture
24	Heritage Conservation & additional office accomodation Kashmeere Gate Client Northen Railway	Dr. Prabhjot Singh Sugga	Architecture

25	Climate Friendly Freight Transport of India"Client: GIZ	Prof. Dr. Sanjay Gupta	Transport Planning
26	Integrated Mobility study at Upper Terminal , Mussoorie under Dehradun-Mussoorie Ropeway Project" Client :-Uttarakhand Tourism Development Board , Dehradun	Prof. Dr. Sanjay Gupta	Transport Planning
27	Construction of Yatri Niwas & Disaster Management Centre at - Jammu - Shri Amarnath Shrine Board	Prof. Dr. P.S.N Rao	Housing
28	Social Disability Audit of Accessibility of Road Infrastructure in Selected Stretches of Delhi. Client : Department of Social Welfare, NCT Delhi	Prof. Dr. P.S.N Rao	Housing
29	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
30	Social Infrastructure Development Plan for Gurugram-Manesar Urban Complex 2031(SIDP,GMUC-2031) GMDA	Prof. Dr. Sanjay Gupta	Transport Planning
31	Classroom complex under RUSA GRANT-DCRUST Murthal- Client: Concept Planners International New Delhi	Prof. Dr. Chitrarekha Kabre	Architecture
32	Green Gas Limited Office Building Lucknow Project -Client: Concept Planners International New Delhi	Prof. Dr. Chitrarekha Kabre	Architecture
33	GRIHA v5.0 Project- DCRUST Murthal- Client : Planner Group of Chandigarh	Prof. Dr. Chitrarekha Kabre	Architecture
34	DPR for Bisra Munda Bus Stand in Birmatrapur Municipality Sundergarh District Odisha	Dr. Shuvojit Sarkar	Architecture
35	Construction of Office and Yatri Niwas at Pantha Chowk Srinagar- Shri Amarnathji Shrine Board	Prof. Dr. P.S.N Rao	Housing
36	DPR for Model Crematorium, Birmatrapur Municipality Odisha	Dr. Shuvojit Sarkar	Architecture
37	Master Plan for DPR and estimates for development of ' <b>Integrated Infrastructure Complex for Old age and Disabled</b> ' in Sundergarh District Odisha	Dr. Shuvojit Sarkar	Architecture

38	Layout Planning for Sector Level in New Agra - Agra Development Authority	Prof. Dr. Ashok Kumar	Physical Planning
39	Upgradation & Improvement Cantonment General Hospital Delh Cantt. -Delhi Cantonment Board	Prof. Dr. Aruna Ramani Grover	Architecture
40	Infrastructure Improvement & Upgradation of existing road infrastructure in Delh Cantt.	Prof. Dr. Anil Dewan	Architecture
41	DPR for Rajgangpur Municipality odisha	Dr. Shuvojit Sarkar	Architecture
42	Master plan for DNGIR Nodia Authority	Prof. Dr. Ashok Kumar	Physical Planning
43	Preparation of Layout Plan of 3 Unauthorised Colonies Khirki Extn. Saroop Nagar and Libaspur Extn. And East Azad Nagar-DDA	Prof. Dr. Sanjukta Bhaduri	Urban Planning
44	Reconstruction of Staff Quarter at Sadar Bazar, Delhi Cantt. -Delhi Cantonment Board	Prof. Dr. P.S.N Rao	Housing
45	Master Plan for Rajgangpur Municipality odisha	Dr. Shuvojit Sarkar	Architecture
46	Master Plan for Birmitrapur Municipality odisha	Dr. Shuvojit Sarkar	Architecture
47	Master Plan for Sundergarh Municipality odisha	Dr. Shuvojit Sarkar	Architecture
48	Design of Safe, Seamless and Continuous Cycle Network in NDMC area Project Client NDMC	Prof. Dr. Sewa Ram	Transport Planning
49	Airport Support Service Centre Village Mahram Nagar -Delhi Cantt. Board	Prof. Dr. Aruna Ramani Grover	Architecture
50	3 M Asia Project ; Client: 3 M Asia Pacific Pte Ltd. Project	Prof. Dr. Sewa Ram	Transport Planning
51	Preparation of Two District Development Plan For Lakhimpur and Dhemaji and 4 Master plans for Dhemaji, Silapathar, North Lakhimpur, Dhakuakhana in Assam Project.	Prof. Dr. Ashok Kumar	Physical Planning
52	Construction Development of City Centre -II Delhi Cantonment Board Project	Prof. Dr. Aruna Ramani Grover	Architecture
53	New Campus Development for Institute of Medicine, Tribhuvan University, Kathmandu Nepal	Prof. Dr. Anil Dewan	Architecture

54	Carryout Provisioning of Classrooms, Laboratories etc.at Silver Oak Model School - Delhi Cantonment Board	Dr. Prabhjot Singh Sugga	Architecture
55	Residential Accommodation of Jt. CEO Delhi Cantonment Board and CMO Cantonment General Hospital- Delhi Cantonment Board	Dr. Prabhjot Singh Sugga	Architecture
56	Review of NCR 2041 Regional Plan Chapter- NCR Planning Board	Prof. Dr. P.S.N Rao	Housing
57	Transport Consultancy for Aligarh, Khurja and Bulandshehr City -AIIISG	Dr. Bhaskar Gowd Sudgani	Transport Planning
58	Preparation of concept Plan and rough cost estimate for upgradation of IAHE campus at NOIDA (IAHE- Project)	Prof. Dr. Aruna Ramani Grover	Architecture
59	Architectural Consultancy Services for Electric Crematorium Building at Village Old Nangal, Delhi Cantt.	Prof. Dr. Anil Dewan	Architecture
60	Expansion of Chitrakoot Guest House, Delhi Cantonment Board Project	Prof. Dr. Aruna Ramani Grover	Architecture
61	Safety Audit For AIIMS-Patna (Bihar)	Prof. Dr. V.K. Paul	BEM
62	REC Township at Gurugram Sector -57 -Rural Electrification Corporation Limited Lodhi Road	Prof. Dr. V.K. Paul	BEM
63	Preparation of Master Plan including Total Station survey of ONGC Residential Colony at Noida Project	Prof. Dr. P.S.N Rao	Housing
64	Preparation of Right way of Management fro Gurugram Manesar Urban Complex -GMDA	Prof. Dr. Sewa Ram	Transport Planning
65	IMA - "Structural Audit Retrofitting Architectural Designing of Existing IMA Building at ITO, New Delhi	Prof. Dr. V.K. Paul	BEM
66	Redevelopment of Asthathpath Rishikesh- Superintending Engineer Irrigation Water Circle. Bauradi Dist. Tehri Uttrakhand	Prof. Dr. Manoj Mathur	Architecture
67	Redevelopment of ITPO Complex at Pragati Maidan-Shapoorji Pallonji and Company Private Limited	Prof. Dr. Anil Dewan	Architecture
68	Comprehensive Mobility Plan for Dwarka-K-II zone Project	Prof. Dr. Sanjay Gupta	Transport Planning

69	IIT- Kanpur "Redevelopment of Spray Pond at Kelkar Library, "	Prof. Dr. Manoj Mathur	Architecture
70	Baddi Barotiwala nalagarh Development Authority Solan (H.P.)	Prof. Dr. Mayank Mathur	Physical Planning
71	HIA- Preparation of Report for Redevelopment of Jamia Hamdard University	Ms. Anuradha Chaturvedi	Architectural Conservation
72	IIT -BHU " Teaching and Learning Centre as a Green Building"	Prof. Dr. Manoj Mathur	Architecture
73	Shri Mata Vaishno Devi Srine Board	Prof. Mandeep Singh	Industrial Design
74	Consturction of Residential Accomodation of DEO, Delhi Circle- Delhi Cantt. Board	Dr. Prabhjot Singh Sugga	Architecture
75	Electrical Cremtorium at URI -Delhi Cantt. Board	Prof. Arunava Das Gupta	Urban Design
76	NRL Township Consturction	Prof. Dr. P.S.N Rao	Housing



## School of Planning and Architecture: New Delhi-110002

### List of Ongoing Research Projects

S. No	Name of Research Project	Name of Project Coordinator	Department	Name of Sponsoring Agency/ Research Partners
1	Heritage Bye laws of centrally protected Mouments & protected areas for NMA (from 19th August 2022 onwards)	Ms. Anuradha Chaturvedi	Architectural Conservation	National Monuments Authority, Gol and Office of Regional Director, ASI
2	Infant Toddler and Caregiver friendly Neighborhoods (ITCN) Capacity Building Programme	Prof. Dr. Sanjukta Bhaduri	Urban Planning	NIUA and Bernard Van Beer Foundation (BvLF), Netherland
3	Training Programme on Energy Efficient Building (from 22nd February 2022 onwards)	Prof. Dr. Bandana Jha	Architecture	MoHUA, GOI
4	Development of Trip Generation Manual for Indian Cities (From 30th December 2021 onwards)	Sh. Sairam Dasari	Physical Planning	CSIR-Central Road Research Institute (CSIR-CRRI)
5	Handbook on Spatila Planning for Rurban Clusters	Prof. Dr. Ashok Kumar	Physical Planning	Ministry of Rural Development, Government of India
6	Global Urban Planning Education Consortium to prepare a module on "Globalisation of Urban Planning and Development" (from 10th December 2021 onwards)	Prof. Dr. Ashok Kumar	Physical Planning	British Council

7	Climate -Resilient, Energy secure, and Healthy Built Environments (CREST) (from 10th December 2021 onwards)	Dr. Shweta Manchanda	Architecture	University of Bath
8	Reduced risk, raising resilience: Recovering the public spaces of Shahajahanbad through participatory conservation and ecological urbanism (from 4th November 2021 onwards))	Ms. Anuradha Chaturvedi	Architectural Conservation	Laurentian University, Canada
9	Cities for You(th): Digital Tools to Enable Youth Leadership for Urban Well-Being (from 1st July 2021 onwards)	Prof. Dr. Arunava DasGupta	Urban design	Active Learning Solutions Pvt. Ltd. (Safetipin)
10	Environmental Information System Centre for Human Settlement (ENVIS) (19th March 1993 onwards)	Prof. Dr Meenakshi Dhote	Environmental Planning	Ministry of Environment, Forest & Climate Change
11	Design Innovation Centre (DIC), Ministry of Human Resource Development , Govt. of India (from 8th September 2015 onwards)	Prof. Dr. Sanjukta Bhaduri	Urban Planning	Ministry of Education (MHRD)
12	Capacity Building in the form of Online Course(MOOCs) on SWAYAM Portal by UGC, MHRD -Government of India (from April 2018 onwards)	Prof. Dr. Sanjukta Bhaduri	Urban Planning	University Grants Commission
13	UGC- UKIERI- Project-Decision Support Framework for Resilient Critical Infrastructure against Extreme Weather events and Climate Change (from 1st April 2018 onwards)	Prof. Dr. P.S.N. Rao	Housing	UGC for Indian Side and British Council for Uk Side

14	Coping with Climate: Policies for Climate Change Adoption and Transport Sector Mitigation in Indian Cities (CLIMATRANS) sponsored by Norway Research Council (Final Report Submitted) (from 1st July 2014 onwards)	Prof. Dr. Sanjay Gupta	Transport Planning	Institute of Transport Economics, (TOI), Oslo (Lead Partner), IIT Bombay and IISc. Bangalore (Other Partners)
15	Water Security and Sanitation Challenges under the Global Challenges Research Fund (GCRF) of UKRI (from February 2019 onwards)	Prof. Dr. Ashok Kumar	Physical Planning	University of New Castle, UK
16	Impact of Covid 19 (under water security and sanitation Challenges Research Fund (GCRF) of UKRI (1st July 2020 onwards)	Prof. Dr. Ashok Kumar	Physical Planning	University of Leeds, UK
17	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 Bhubaneswar	Prof. Dr. Virendra Kumar Paul	BEM	Building Materials and Technology Promotion Council (BMTPC)
18	Research and Documentation for Conservation of Masque at Jalali (UK)	Ms. Anuradha Chaturvedi	Architectural Conservation	Improved Conservation inventions
19	Research of Handbook on Lime of Working Group of CED4 of Bureau of Indian Standards	Ms. Anuradha Chaturvedi	Architectural Conservation	Bureau of Indian Standards
20	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)

21	Smart Sustainable City Regions in India” in partnership with NTNU – Norway funded by UTFORSK, Norway (from 2016 onwards)	Prof. Dr. Arunava Dasgupta	Urban Design	Norwegian University of Science and Technology (NTNU)
22	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
23	Understanding Indian urban Governance Reform: A comparative Analysis of Smart City policy reforms and their impact on sustainable urban mobility (UNDERREFORM) sponsored by ESRC-ICSS (Final Report Submitted) (from 2018 onwards)	Prof. Dr. Sanjay Gupta	Transport Planning	Leeds University (U.K.) (Lead Partner), IISc. Bangalore, Birmingham University (U.K.)







## **4. FACULTY DEVELOPMENT AND OUTREACH**





## 4.1 SEMINARS/CONFERENCES/WORKSHOPS/TRAINING PROGRAM/WEBINARS

### DEPARTMENT OF ARCHITECTURE

#### Prof. Dr. Jyoti Pandey Sharma

Workshops/Seminars on Intellectual Property Rights(IPR)

#### International

- Legacy of Islamic Architecture
- IASTE 2022 'RUPTURE AND TRADITION' CONFERENCE

#### National

- Legacy of Islamic Architecture

Invited Talk

#### National

- National Education Day 2022  
Special Lecture as part of Lecture Series on the theme of 'Architectural Education and Practices in India' on the occasion of National Education Day 2022
- India International  
Exhibiting Architectural Adventurism in Nineteenth-century Colonial India: Begum Samru's Sardhana Church
- World Heritage Day  
Intergenerational dialogues on Cultural approaches and Heritage methodologies for climate

#### Prof. Dr. Chitrekha Kabre

#### Exhibitions, Seminars or Workshops Organized by the Department:

- **Regenerative Architecture:** Thinking beyond sustainability Research works presented in the form of a presentation by nineteen groups of students in a Seminar event open to public and attended by subject experts, followed by nineteen term paper of publishable quality, compiled in a book. The students conducted research in groups on the topic of their choice within the larger theme. The research involves

both secondary and primary data from field studies. The seminar coordinators provide overall supervision and each group is guided for the research work by a faculty member with the requisite expertise.

- Organized following expert lectures for the students of B.Arch. VII semester
  - i) 'Systems thinking and Design' by Principal architect Dr. Prabir Kumar Das, Studio1860 at 2:00 pm. 31.8.2022
  - ii) 'Daylighting in Regenerative Architecture' by Ar Ankit Bhalla, GRIHA Council at 2:00 PM on 28.9.2022
  - iii) 'Energy and Water Nexus in Green Buildings' by Environmental Design Solutions Pvt. Ltd. (EDS)
  - iv) 'Living with Nature: Himalayan experience' by Dushyant Vashisht, Bir Terraces, Nainital on 7.10.2023 for the five-day online Training Program on 'Green Buildings: Perspective & Practice' organized by COA-TRC in collaboration with SPA, New Delhi from 10th to 14th October 2022.
- Organized interactive hands on workshop 'the basics of folds in origami and design evolution' for II semester B.Arch. students on 21.7.2022 by Ar Santrupthy Das.

#### **Participation in Seminars or workshops, etc**

- Invited as an expert to deliver a lecture "Design-Build' Studio Teaching in the First Year Architecture" on 24th July 2023 in a five-day online Faculty Development Program on the topic "Learning from the Architecture Studio: Implications for project-based pedagogy" 24-28 July 2023 organized by the COA-TRC, Bhopal, and KL University, Vijayawada
- Invited as an expert to deliver a lecture "ECBC and Green Building" on 7 June, 2023 in an online training programme Energy Efficient and Decarbonisation Technologies 5 to 9 June, 2023 organized by the Department of Electrical Engineering, NITTTR, Chandigarh for the faculty of Engineering Colleges and Polytechnics.
- Invited as ECBC Master trainer to deliver expert lecture "Best Sustainable Building Design Features, Shading, Glass Selection, Daylighting (Energy Efficiency)" on 31st May 2023 in a training program organized by Punjab Energy Development Agency, Chandigarh for PWD Officials, 29th May to 2nd June 2023 at NITTTR, Chandigarh.
- Participated and successfully completed the National level online training programme "Python for Beginners – Level 1" from 6th May to 28th May 2023 organized by the Council of Architecture Training and Research Centre, Bhopal in association with Plannogram.
- Participated and successfully completed the National level online training programme "Parametric Tools and Computational Design in Architecture" from 1st to 23rd April 2023 organized by the Council of Architecture Training and Research Centre, Bhopal in association with College of Architecture, Vivekanand Education Society, Mumbai.
- Participated on 13th March 2023 in Climate Resilient Energy Efficient Design in Architecture (CREEDA) Roadshow conceived and organized by the University of Bath, Dept of Architecture and Civil Engg. and funded by Dept of Science and Technology, Government of India.

- Invited as a Resource Person for “One-day Awareness workshop on Energy Conservation Building Code (ECBC)” organized by ECBC/ENS Cell, Haryana Energy Development Agency (HAREDA) in association with Bureau of Energy Efficiency (BEE) on 2nd March 2023 at BUDHA College of Architecture, Karnal, Haryana.
- Invited as Panelist on 24th February 2023 in the Australia India Council session on education for achieving a net zero carbon-built environment in the “International conference on Sustainable Built Environment (ICSBE)” 23-24 February 2023 organized by RICS, School of Built Environment, Noida, the University of Newcastle, Australia.
- Invited to deliver expert lecture “Digitization in Construction and Readiness” on 11th February 2023 in two weeks Faculty Development Programme (FDP) titled “Construction Project Planning and Scheduling” organized by Dept of Building Engineering and Management, School of Planning and Architecture, New Delhi under ATAL academy of AICTE.
- Invited for Roundtable discussion on “Role of Thermal Comfort in India’s Development Transition” by Senior Director, TERI at World Bank Office, Lodhi Estate, New Delhi on 23rd January 2023
- Participated and successfully completed the Resilient, Affordable and Comfortable Housing through National Action (RACHNA) training for Trainers conducted on 9, 10 and 11 January 2023 at Ahmedabad, Gujarat; an initiative of the Ministry of Housing & Urban Affairs (MoHUA) in partnership with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Invited as an expert to make a presentation on “Quality Imperatives through National Education Policy for Architectural Education” 10th December 2022 by School of Planning and Architecture, New Delhi at the National Workshop on National Education Policy 2020 hosted by the School of Planning and Architecture, New Delhi. <https://www.youtube.com/watch?v=sTdxSKrWUBI>
- Invited as an expert to make a presentation on “Day Lighting Strategies: Architectural Lighting and Technological Lighting” at the Launch event for Sky Modelling Report and CIE Sky Type Finder Tool on 29th November 2022 hosted by The Energy Resources Institute (TERI)
- Invited as a Resource Person for “One-day Awareness workshop on Energy Conservation Building Code (ECBC)” organized by ECBC/ENS Cell, Haryana Energy Development Agency (HAREDA) in association with Bureau of Energy Efficiency (BEE) on 24th November 2022 at DCRUST, Murthal, Haryana.
- 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.”

## Prof. Dr. Bandana Jha

- **Organized** Autism Awareness Seminar - Architectural Perspective on Autism Spectrum Disorder in Hybrid Mode with Five Online & Offline Speakers attended by 120 registered participants (12<sup>th</sup> April 2023)
- **'Speaker'** at the Faculty Development Programme on "*Disaster Resilient Healthcare Infrastructure*" on 13<sup>th</sup> July 2022 organized by SPA, New Delhi in collaboration with NIDM at SPA, New Delhi.
- **'Speaker'** at GRIHA Councils 4th International Conference on Sustainability Education (ICSE) 2022 on 'Importance of education for achieving India's carbon neutral 2070 target' on 10<sup>th</sup> September, 2022 at SCOPE Convention Centre, New Delhi, India.
- **'Speaker'** at the Online Faculty Development Program on Emerging Paradigms in Architectural Research: A Skill Building Approach' organized by COA-TRC in collaboration with Chitkara School of Architecture, Chandigarh on 11<sup>th</sup> November 2022.
- **'Speaker'** at the Online Training Program on 'Green Buildings: Perspective & Practice' organized by COA-TRC in collaboration with SPA, New Delhi on 13<sup>th</sup> October 2022
- **'Speaker'** - On Invitation delivered an Expert Lecture to all Students and Faculty at the School of Architecture, K R Mangalam University of on the topic of 'Building Energy Simulation' on 29<sup>th</sup> November 2022
- Participated in the Faculty Development Programme on "*Disaster Resilient Healthcare Infrastructure*" during 11<sup>th</sup> – 15<sup>th</sup> July, 2022 organized by SPA, New Delhi in collaboration with NIDM at SPA, New Delhi.
- On invitation attended ANGAN 2022- Making the Zero-Carbon Transition in Buildings organized by Bureau of Energy Efficiency ,14<sup>th</sup> – 16<sup>th</sup> Sep 2022 at the Ashok Hotel, New Delhi
- Participated in the Webinar on "Healthy Spaces- The responsibility of architects" organized by SPA New Delhi on 30<sup>th</sup> November, 2022
- Participated in the Workshop on National Education Policy organized by SPA New Delhi on 10<sup>th</sup> December 2022
- Participated in the two days online training program organized RACHNA 2.0 initiative organized by Ministry of Housing & Urban Affairs (MoHUA), Building Materials and Technology Promotion Council (BMTPC) and GIZ's Climate Smart Buildings (CSB) Program. 3<sup>rd</sup> & 4<sup>th</sup> January 2023

- On invitation attended the Energy Efficient LiFE Charrette (11th May 2023, New Delhi), co-organized by SEforALL, AEEE, TERI, ITDP and Mission Efficiency at IHC New Delhi.

### **Dr. Leon Angelo Morenas**

#### **Seminars**

#### **International**

The role of Technology in 21st Century Democratic Politics

### **Dr. Shuvojit Sarkar**

- Participated and Successfully Completed Online Training Program (Faculty Development Programme ) on “Research Writing and Publication in Architecture and Planning” from 27th to 31 March 2023 organized COA-TRC in collaboration with JBR Architecture college Hyderabad,Telangana
- Co-ordinated & (Participated) Organised Parametric Form Developing Software Technology Workshop (Airport Design) from 20th -22nd September 2022,at SPA Delhi.
- Co-ordinator for Bond with Bamboo Workshop for 5 Days from 27th February to 3rd March 2023 at SPA Delhi
- Participated in the Capacity Building Programme on “Drones: Steering way forward for Architects and planners” held online on 17-18 August 2022.
- Participated in online One day national level Workshop Titled National Education Policy on 10th Dec 2022 Organized by SPA,Delhi
- Participated and Completed Short Term Training Programme 5 Days workshop on “Learn :Green Building Compliance and Energy Simulation Software” Conducted on 29th May 2nd June 2023 by Sardar Vallabahi NIT SURAT.
- Participated in online one day Seminar on Architecture Perspective on AUTISM Spectrum Disorder on 12th April 2023 organized by SPA, Delhi Dept. of Architecture.

**Dr. Jatinder Kaur**

**WORKSHOPS / TRAINING PROGRAMS / COURSES/ SEMINARS/ MEETINGS**

- Participated in the Online Training Program on ‘Ecological Resilience Initiatives for a Sustainable Development’ organized by COA-TRC in collaboration with SPA, Vijayawada from 31 July 2023 to 4 August 2023
- Participated in the Online Training Program on ‘Biocentric interventions in Architecture and Planning’ organized by COA-TRC in collaboration with the School of Architecture, Bangalore from 26 June to 30 June 2023
- Successfully completed 5 Module course “Wood from Finland” organized by LAB University of Applied Sciences, Finland (December 2022)
- Participated in Training Program on Innovative Construction Technologies & Thermal Comfort in Affordable Housing RACHNA: Three-day Training of Trainers Program at Net Zero Energy Building, CEPT University, Ahmedabad from 09,10 and 11 January 2023
- Participated in "Fundamentals of Research Ethics with Turnitin" held online on 7 July, 2023
- Participated in online BOC Meeting, GZS School of Architecture and Planning, MRSPTU, Bathinda, Punjab
- Participated in online BOS Meeting, UID School of Architecture, G.D. Goenka University, Gurugram
- Participated in Seminar on Architectural Perspective on Autism Spectrum Disorder at SPA, New Delhi on 12 April 2023
- Attended 5-day hands-on Workshop “Bond with Bamboo” at SPA, New Delhi from 27 February to 3 March 2023
- Participated in the Online Training Program on ‘Green Buildings: Perspective & Practice’ organized by COA-TRC in collaboration with SPA, New Delhi from 10<sup>th</sup> October 2022 to 14<sup>th</sup> October 2022
- Participated in Buzz- IIA Northern Regional Conclave, 21-23 September 2022
- Successfully completed “Climate Resilient. Energy Secure and Healthy Built Environments Professional Development Programme”, University of Bath and IIT Roorkee in August 2022

- Successfully completed the International Faculty Development Program on the topic of Transforming Creative Education Through Learning Design From 29th August to 2nd September 2022 organized by the Centre for Learning Design, An initiative of Ding Learning (UK) and Woxsen University (India).

**Ms. Parul Kiri Roy**

**Workshop**

Pedagogic Potential of The Discovery of Architecture

**Dr. Sunil Prasad Shrivastava**

**Workshops**

National

- BOND WITH BAMBOO

**Conference**

**International**

SCIENCE, TECHNOLOGY AND ENGINEERING

**Ms. Anjali Mittal**

**Publications**

Book Review: House, Home and Society by Rowland Atikson and Keith Jacobs, Palgrave Macmillan, 2016 in Seminar Journal, May 2023 p.88-92.

**Conferences**

1. Presented a paper titled : "**Informal Work and Vulnerable Workers: The Case of Glass Bangle Artisans in Firozabad**" at the 41st International Labour Process Conference in Glasgow from 12-14th April 2023.

**Workshops**

- Attended 3-day Research Methodology Workshop on Labour Studies at Kashmere Gate Campus from 10-12 May 2023, organised by the School of Liberal Studies, in



collaboration with Centre for Labour Market Studies, V.V.Giri National Labour Institute (VVGNI), NOIDA, as part of G-20 celebrations.

- Attended the Ninth Annual PhD workshop at the Indian Institute of Human Settlement, Bangalore from 9th-11th January

### **Ms. Mekhla Parihar**

#### **Seminar or Workshop**

- Attended a lecture by Prof. Asmita Kabra, titled “The afterlife of land-based resettlement in the times of truncated agrarian transitions: A study of Adivasi conservation refugees in Central India” on 7th November 2022 at Centre de Sciences Humaines (CSH), New Delhi.
- Participated in a 5-day workshop on, “Qualitative Methods in Social Sciences: Ethnography, Narratives and Social Stories” jointly organized by Council for Social Development, New Delhi and G.B. Pant Social Science Institute, Prayagraj from 28th Nov – 2nd Dec 2022.
- Attended a lecture by Prof. N. Nakkeeram titled, “Unpacking ‘Qualitative’ in Qualitative Research” organized by Ambedkar University on 27th Jan 2023.

### **Mr. Amit Kumar**

#### **Workshops**

##### **National**

Public Policy and Development of Nation

##### **International**

Various Dimensions of Urban Planning & Architecture in the World and Youth for Development of Nation

### **Mr. Kandipilli Mehar Kumar**

- Participated & Successfully Completed online Faculty Development Programme Short term course on Recent Research Techniques in Architecture and Planning held From 17th to 21st August 2022 organized by NIT, Patna (Dept. of Architecture and Planning)
- Participated and Successfully Completed the online Faculty development programme on “Pre and Post Disaster Management Strategies for Built Environment “from 06th October to 10 th oct 2022 conducted by Amity University along with NIDM Govt. of India.

- Participated and Successfully Completed Online Training Program (Faculty Development Programme ) on “Research writing and Publication in architecture and Planning” from 27th to 31 March 2023 organized COA-TRC in collaboration with JBR Architecture college Hyderabad,Telangana
- Co-ordinator & (Participated) Organised Parametric Form Developing Software Technology Workshop (Airport Design) from 20<sup>th</sup> -22<sup>nd</sup> September 2022,at SPA Delhi.
- Participated in the online Faculty Development Programme on “Role of Higher Education in conserving Ingenious Technologies for Sustainable Heritage “ held on April 17-12 2023 conducted by Amity University in collaboration with Association of Indian Universities
- Co-ordinator for Bond with Bamboo Workshop for 5 Days from 27<sup>th</sup> February to 3<sup>rd</sup> March 2023 at SPA Delhi
- Participated & successfully completed the Online Awareness Workshop on “Energy Conservation Code & Eco-Niwas Samhita” held on August 4th 2022 conducted by Andhra Pradesh State Energy Conservation Mission(APSECM) with Support of ASCI and Funded by Bureau of Energy Efficiency(BEE)
- Participated in the Capacity Building Programme on “*Drones: Steering way forward for Architects and planners*” held online on 17-18 August 2022.
- Participated in the Online Workshop on “Energy Conservation Codes Rules & Compliance Procedure ” held on August 25 to 26 Aug 2022 conducted by Andhra Pradesh State Energy Conservation Mission(APSECM) with Support of ASCI and Funded by Bureau of Energy Efficiency(BEE)
- Participated in online One day national level Workshop Titled National Education Policy on 10th Dec 2022 Organized by SPA,Delhi
- Participated and Successfully completed Online Webinar On Building Services held on 4th-5th Feb 2023 organized by Dr Rajeev Gag.(ARCHEDUINDIA)
- Participated and Completed Short Term Training Programme 5 Days workshop on “Learn :Green Building Compliance and Energy Simulation Software” Conducted on 29th May 2<sup>nd</sup> June 2023 by Sardar Vallabahi NIT SURAT.
- Participated in online one day Seminar on Architecture Perspective on AUTISM Spectrum Disorder on 12th April 2023 organized by SPA, Delhi Dept. of Architecture.

- Participated and Successfully completed Online Workshop on “Energy Conservation Codes Rules & Compliance Procedure ” held on February 27 to 28 Aug 2023 conducted by Andhra Pradesh State Energy Conservation Mission(APSECM) with Support of ASCI and Funded by Bureau of Energy Efficiency(BEE)

#### **Mr. Krishna Prakash**

- Participated and successfully completed the online workshop (NPTEL+ Workshop) on “Learning Innovation from Nature: Introduction to Biomimicry” by Prof. Sivakumar M Srinivasan, IIT Madras, Mr. Shiva Subramaniam, Ms. Mrinalini, Biomimicry Compass (4<sup>th</sup> February 2023)
- Participated in the training workshop (Training-of-Trainers) on “*Architecture Design Studio*” during 17<sup>th</sup> -19<sup>th</sup> January, 2023 organized by Indian Institute of Technology Bombay in association with USAP, GGSIPU and sponsored by NDMA, GoI - National Disaster Management Authority Project on Development of Resource Material on Earthquake Engineering
- Participated in the Online Training Program on ‘Green Buildings: Perspective & Practice’ organized by COA-TRC in collaboration with SPA, New Delhi from 10<sup>th</sup> October 2022 to 14<sup>th</sup> October 2022
- Participated in the webinar on “*JOURNEY TOWARDS ZERO WASTE TO LANDFILL*” organized by CII and IGBC on 15th September 2022 (11.00am – 12.30pm).
- Participated in the AWSAR webinar on the topic “Understanding Popular Science Writing” conducted on 8th September 2022 and organized by the Department of Science and Technology (DST) and Vigyan Prasar (VP), Government of India.
- Participated in the webinar on “*Sustainable lighting design- Towards healthy living*” organized by Signify on 29th August 2022.
- Participated & successfully completed the Professional Development Programme on “*Climate Resilient, Energy Secure and Healthy Built Environments*” at The University of Bath and The Indian Institute of technology, Roorkee from August 19-20, 2022.
- Participated in the Capacity Building Programme on “*Drones: Steering way forward for Architects and planners*” held online on 17-18 August 2022.
- Participated in the Faculty Development Programme on “*Disaster Resilient Healthcare Infrastructure*” during 11th – 15th July, 2022 organized by SPA, New Delhi in collaboration with NIDM at SPA, New Delhi.

#### **Dr. Arathy Gopal**

##### **Conference**

- 29th Conference of the International Seminar on Urban Form (ISUF) 2022
- 30th Conference of the International Seminar on Urban Form (ISUF) 2023

**Mr. Ankit kumar**

- Participated in the Online Training Program on ‘Green Buildings: Perspective & Practice’ organized by COA-TRC in collaboration with SPA, New Delhi from 10<sup>th</sup> October 2022 to 14<sup>th</sup> October 2022
- Participated in the Faculty Development Programme on “*Disaster Resilient Healthcare Infrastructure*” during 11th – 15th July, 2022 organized by SPA, New Delhi in collaboration with NIDM at SPA, New Delhi.
- Invited as a Speaker in the COA-TRC Faculty Development Programme from 21<sup>st</sup>- 25<sup>th</sup> November, 2022 (2:30 pm – 5:50 pm) in collaboration with DC Patel School of Architecture, APIED, Vallabh Vidyanagar.
- Co-ordinator for a One day National Conference on ‘Stainless Steel : Trends, Challenges and Opportunities in the Built-environment” on 27<sup>th</sup> January, 2023 at Hotel Ambassador, New Delhi in collaboration with SPA, New Delhi and India Stainless Steel Development Association, New Delhi (ISSDA).

**DEPARTMENT OF PHYSICAL PLANNING**

**Prof. Dr. Ashok Kumar**

Papers Presented in Seminars, Workshops, Conferences, etc.

- A paper titled “National Education Policy and Globalization of Urbanization” in the “Rethinking Urban Planning Pedagogy to address the Future Challenges of Urbanization” held at IIT Roorkee, Uttarakhand on 22-23 May 2023 under the Going Global programme of the British Council.
- Module Designed: ‘Climate Change: Integration of climate adaptation and mitigation strategies into urban planning practices’ in the “Rethinking Urban Planning Pedagogy to address the Future Challenges of Urbanization” held at IIT Roorkee, Uttarakhand on 22-23 May 2023 under the Going Global programme of the British Council.

**Prof. Dr. Mayank Mathur**

**Seminars**

**National**

COVID 19 and Urban Planning Paradigms

## **Conference**

### **International**

Urban Transformation for Climate Change Adoption

### **Workshops**

### **National**

- Smart Transformation towards Smart City
- Use of Drones in Study of Urban Form

## **DEPARTMENT OF BUILDING ENGINEERING & MANAGEMENT**

**Dr. Abhijit Rastogi**

### **Conference**

#### **International Conference**

The 6th International Conference on Green Technology and Sustainable Development (GTSD) 2022

the 9th International Conference on Sustainability (SUSCON IX) at IIM Shillong

The 3rd International Conference on Green Construction and Engineering Education (ICGCEE) 2023

### **Workshops**

Faculty Development Program

### **National**

FDP on Construction Project Planning and Scheduling

## **DEPARTMENT OF URBAN DESIGN**

**Mr. Manu Mahajan**

### **Conference**

## **International**

UNESCO Sub-regional Conference on World Heritage

## **National**

U20 gender dialogue

## **Workshops**

## **National**

National Consultation on Community Led Management of Bastis™s in Delhi Organized by Delhi Urban Shelter Improvement Board (DUSIB) Supported by Indo-Global Social Service Society (IGSSS)

## **DEPARTMENT OF REGIONAL PLANNING**

### **Chetna Singh**

#### **Conference**

#### **International**

United States 2023 Annual Meeting in Denver, CO and virtual of the American Association of Geographers

#### **Conferences**

#### **Aarti Grover**

Organised participation of students of Landscape Architecture in the Exhibition with a theme of "Plants, Places & People" in 15th International Landscape & Gardening Expo 2023, organized by Department of Landscape Architecture, School of Planning and Architecture & Media Today Group New Delhi on 6-7-8.01.2023.

Presented a paper as Resource Person at a National Conference for Zoo Directors, organized by CZA on 19.01.2023 on Landscape Design Strategies for Zoological Parks: Focus on Exhibit Areas

#### **Publications**

#### **Aarti Grover**

Aarti Grover (2023), A Critical Assessment of Gender-Ecology Association in India, Book chapter in Book Titled '*Textual Spaces, Emerging Voices: Ecology, Culture and Women*'

(based on double blind Peer-Reviewed process), Yking Books Jaipur India, ISBN 978-93-92240-49-2 (2023)

Aarti Grover (2023), Conservation (f)or Communities: Exploring the Mantra for Heritage Conservation in India, book chapter in book title: *Conservation and the Indian City: bridging the Gap*; Conceptualized, Curated and Published by: INHAF and My Livable City, ISBN 978-81-960043-0-9 (2022)

Aarti Grover (2023), Book Review of the book titled "This Fissured Land by Madhav Gadgil and Ramchandra Guha. Oxford University Press, Delhi, 1992" *Seminar's issue on Culpability*: ISSN-0971-6742: Issue 765.

Aarti Grover (2023), Editor, Journal: *Floriculture Today*, Volume 27, Issue 8, January 2023, 15th International Landscape & Gardening Expo 2023, organized by School of Planning and Architecture & Media Today Group New Delhi on 6-7-8.1.2023

Aarti Grover (2023) , Climate Change - Integrating Policy, Practice and Education, *Journal of Global Resources*, Peer-Reviewed/Refereed International Journal, Volume 09, Issue 02, ISSN(print): 2395-3160, ISSN(online): 2455-2445, DOI: 10.46587/JGR.2023.v09i02.002 (As Co-Author)

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in p. 1-18 Shekhar, S. and Kumar, D. (Ed.) Geoinformatics for Sustainable Urban Development, 1st Edition, CRC Press, New York: CRC Press, 1-18

Vinita Yadav and Sherin Jacob (2022) Formalisation of the Informal Labour Force: Case of the Bengaluru Metropolitan Region , Futuristic Trends in Social Sciences IIP Proceedings, volume 2, book 4, part 3, chapter 2, page nos. 102 – 115.

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### 4.3 MOUs SIGNED DURING 2022-23

<b>MOU's signed during 2022-23</b>		
<b>S.No.</b>	<b>Name of the MOU Partner</b>	<b>Date of Signing</b>
1	Delhi Technological University, Delhi	30th March, 2023
2	Capacity Building Commission, Government of India	12th October, 2022
3	Indian Institute of Management (IIM), Raipur	14th June, 2022
4	Lab University of Applied Sciences, Finland	19th April, 2022

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

### Annual Report of 'SPACE The Journal of School of Planning and Architecture'

In November 2022, the Space Journal, Vol.24, No.1-2 (Jan-Mar)-(Apr-Jun) 2020 was published.

The contents of the Journal are as follows:



**SPACE**  
The SPA Journal of Planning and Architecture

**Vol. 24, No. 1-2**  
**(Jan-Mar)-(Apr-Jun)**  
**2020**

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School of Planning  
and Architecture  
New Delhi

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(Ministry of Education, Govt. of India)

वेदना तथा  
पारलुप्तता विना  
जई सिली

Volume 24, Number 1-2  
[Jan-Mar]-[Apr-Jun]  
2020

# SPACE

ISSN 0970-0706

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*Prof. (Dr.) Virendra Kumar Paul*

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Shronit Jain, Ms. Dayal Arpita*

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### Role of Migration Theories in Population Readjustment

*Bharshvaj Priya, Yadav Dr. Vinita*

[www.spa.ac.in](http://www.spa.ac.in)

Prof.(Virendra Kumar Paul)  
Editor, SPACE

## 4.5 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.









**5.**

## **RESOURCES**



## 5.1 FACULTY MEMBERS IN THE SCHOOL

SL.NO.	NAME OF FACULTY	DESIGNATION
	Prof. Yogesh Singh	Director
<b>DEPARTMENT OF ARCHITECTURE</b>		
1	Prof. Manoj Mathur	Professor of Architecture
2	Prof.Dr. Aruna Ramani Grover	Professor of Architecture
3	Prof.Dr. Anil Dewan	Professor of Architecture
4	Prof.Dr. Jyoti Pandey Sharma	Professor of Architecture
5	Prof.Dr. Chitrarekha Kabre	Professor of Architecture
6	Prof.Dr. Bandana Jha	Professor of Architecture
7	Prof.Dr. Binod Kumar Singh	Professor of Structural Engineering
8	Dr. Leon Angelo Morenas	Associate Professor of Architecture
9	Dr. Shweta Manchanda	Associate Professor of Architecture
10	Dr. Shuvojit Sarkar	Associate Professor of Architecture
11	Dr. Prabhjot Singh Sugga	Associate Professor of Architecture
12	Dr. Jatinder Kaur	Associate Professor of Architecture
13	Ms. Parul Kiri Roy	Assistant Professor of Architecture
14	Ms. Moulshri Joshi*	Assistant Professor of Architecture
15	Dr. Sunil P. Srivastava	Assistant Professor of Civil Engg.
16	Ms. Arpita Dayal	Assistant Professor of Architecture
17	Ms. Anjali Mittal	Assistant Professor of Architecture
18	Dr. Saptrishi Sanyal	Assistant Professor of Architecture
19	Ms. Mekhla Parihar	Assistant Professor of Architecture
20	Ms. Vandana Kothari	Assistant Professor of Art
21	Dr. Khushal Matai	Assistant Professor of Architecture
22	Mr. Dhruvajyoti Padun	Assistant Professor of Architecture
23	Mr. Amit Kumar	Assistant Professor of Architecture
24	Mr. Kandipilli Mehar Kumar	Assistant Professor of Architecture
25	Dr. Kshetrimayun Bangkim Singh	Assistant Professor of Architecture
26	Mr. Krishna Prakash	Assistant Professor of Architecture
27	Mr. Thomas Krishna Pegu	Assistant Professor of Architecture
28	Mr Mohammed Athar Mansury	Assistant Professor of Architecture
29	Dr. Arathy Gopal	Assistant Professor of Architecture
30	Mr. Ankit Kumar	Assistant Professor of Architecture
31	Ms. Neha Prakash Korde	Assistant Professor of Architecture
<b>DEPARTMENT OF PHYSICAL PLANNING</b>		
32	Prof.Dr. Ashok Kumar	Professor of Physical Planning
33	Prof.Dr. Mayank Mathur	Professor of Physical Planning
34	Prof.Dr. R.Biswas	Professor of Physical Planning
35	Prof.Dr. Poonam Prakash	Professor of Physical Planning
36	Ms. Priti Deo	Assistant Professor of Physical Planning
37	Ms. Papiya Bandyopadhyay Raut	Assistant Professor of Physical Planning
38	Mr. Piyooosh Singh	Assistant Professor of Physical Planning
39	Mr. Sairam Dasari	Assistant Professor of Physical Planning

<b>DEPARTMENT OF INDUSTRIAL DESIGN</b>		
40	Mr. Parag Anand Meshram	Associate Professor of Industrial Design
41	Ms. Krity Gera*	Assistant Professor of Industrial Design
42	Ms. Aditi Singh	Assistant Professor of Industrial Design
43	Mr. Sushil Ichhya Vijay	Assistant Professor of Industrial Design
<b>DEPARTMENT OF BUILDING ENGINEERING &amp; MANAGEMENT</b>		
44	Prof.Dr. Virendra Kr. Paul	Professor of BEM
45	Mr. Sushil Kumar Solanki	Associate Professor of BEM
46	Mr. Salman Khursheed	Assistant Professor of BEM
47	Dr. Chaitali Basu*	Assistant Professor of BEM
48	Dr. Abhijit Rastogi	Assistant Professor of BEM
<b>DEPARTMENT OF URBAN DESIGN</b>		
49	Prof.Dr. Arunava Dasgupta	Professor of Urban Design
50	Mr. Manu Mahajan	Associate Professor of Urban Design
<b>DEPARTMENT OF ARCHITECTURAL CONSERVATION</b>		
51	Prof.Dr. Priyaleen Singh	Professor of Arch. Conservation
52	Ms. Anuradha Chaturvedi	Associate Professor of Arch. Cons.
53	Ms. Laxmi Priya T.	Assistant Professor of Arch. Cons.
<b>DEPARTMENT OF URBAN PLANNING</b>		
54	Prof.Dr. Sanjukkta Bhaduri	Professor of Urban Planning
55	Prof.Dr. Prafulla Madhukar Parlewar	Professor of Urban Planning
56	Mr. M. Palaniappan	Associate Professor of Urban Planning
57	Dr. Chandrani Bandyopadhyay Neogi	Associate Professor of Urban Planning
58	Dr. Nilanjana Dasgupta Sur	Assistant Professor of Urban Planning
59	Mr. Palthya Srinivas Naik	Assistant Professor of Urban Planning
60	Dr. Sakkeri Ramya	Assistant Professor of Urban Planning
61	Mr. Karan Barpete	Assistant Professor of Urban Planning
<b>DEPARTMENT OF REGIONAL PLANNING</b>		
62	Prof.Dr. Vinita Yadav	Professor of Reg. Planning
63	Dr. Chetna Singh	Assistant Professor of Reg. Planning
<b>DEPARTMENT OF ENVIRONMENTAL PLANNING</b>		
64	Prof.Dr. Meenakshi Dhote	Professor of Env. Planning
<b>DEPARTMENT OF HOUSING</b>		
65	Prof.Dr. P.S.N. Rao	Professor of Housing & Director
66	Dr. Ruchita Gupta	Associate Professor of Housing
67	Ms. Harshita Deo	Assistant Professor of Housing
<b>DEPARTEMENT OF TRANSPORT PLANNING</b>		
68	Prof.Dr. Sanjay Gupta	Professor of T.P.
69	Prof.Dr. Sewa Ram	Professor of T.P.
70	Dr. Chidambara	Associate Professor of Transport Planning
71	Dr. Bhaskar Gowd Sudagani	Assistant Professor of T.P.
<b>DEPARTMENT OF LANDSCAPE ARCHITECTURE</b>		
72	Dr. Aarti Grover	Associate Professor of Landscape Arch.

*\*Resignation under process*

## 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. Names of academic programs offered by the Centre**

Classes for GIS organized in the GIS Lab by Planning Departments.

**3. 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.

**4. Faculty profile with name, educational qualifications, designation, area of specialization, experience and research guidance :**

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization		Years of Experience	Remarks if any
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		30	NA

**5. Research thrust areas of the Centre**

GIS application in spatial planning.

**6. Exhibitions, Seminars or workshops organized by the students and faculty of the Centre.**

**Workshops** - Workshop of Geospatial Application on Architecture and Planning organized on 01-02-2023.

**Training** - Training of ArcGIS software held on 22-02-2023.

**7. Any other information (Activities or achievements not covered earlier)**

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

- 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 Fortinet 100E) for blocking Un-authorize 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 Video Conferencing through Google Meet, Zoom and Webex
- 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.
- 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 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:**

<b>Name and Designation</b>	<b>Qualification and Specialization</b>
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)
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**(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	One	Use of Projector with Smart Interactive Board	One for GIS Lab	One for CASS
2. GIS Lab 23 LAN Points	One			

Hardware	Name	Quantity	Company/Model
1. Computer	HP Machines Mac Machines	47 (27 GIS, 20 CASS) 5 (CASS)	HP Apple
2. Printers/Scanners/ Plotters	Laser Jet	1 1	HP Canon
3. Wi-Fi Controller	Cisco	2	Cisco 9800WLC
4. Switches	24 Port	5 (24 Port x 4)	D-Link
5. Wi-Fi	Access Points	1	Cisco
6. Web Filtering Device	UTM	1	Fortinet 100E
7. Server	DELL	2	DELL Power Edge
8. PTZ Hybrid VC Camera		1	Lumens
9. Conference Mic	YAMAHA	2	YVC330
10. Evolis ID Card Printer	Evolis	1	Primacy
11. Laptop	HP ACER	1 1	15.6 inch Travel Mate 14 inch

Software	Quantity (No, of licenses)	Company/Model	Other detail
1. ArcGIS 10.3	20	ESRI India	MoU with Autodesk For Whole School
2. ArcView 10.3	20	ESRI India	
3. ArcInfo 10.3	2	ESRI India	
4. ERDAS	5	ERDAS	
5. AutoDesk Suite 2024 AutoCAD Revit Maya AutoCAD Mac Map 3D AutoCAD Mechanical Civil 3D 3ds MAX	Academic License	Auto Desk	
6. Win 2019 Server (64			



Bit)	2	Microsoft	
7. MS Office 2010	350	Microsoft	

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 A	67
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 SPA-EIACP

SPA-EIACP PC RP on Human Settlements and their Impact on Environment, previously known as ENVIS (Environmental Information System) is hosted by the Department of Environmental Planning, SPA. The Centre works towards the collection and collation of information and furnishing data/research papers and other information on the theme 'Human Settlements & Their Impact on Environment'.

- **National Workshop on LiFE (Lifestyle for Environment)**

As the centre has been mandated to carry out activities pertaining to **Mission LiFE (Lifestyle for Environment)**, SPA-EIACP PC RP hosted a National Workshop on LiFE on 30<sup>th</sup> January 2023 inviting all the EIACP Programme Centres Resource Partners and Hubs across the country at the Ministry of Environment, Forest and Climate Change (MoEF&CC). The Workshop was graced with the presence of Shri. Bhupendra Singh Yadav, Hon'ble Minister, MoEF&CC, Shri. Ashwini Kumar Choubey, Hon'ble MoS, MoEF&CC, Mrs. Leena Nandan, Secretary, MoEF&CC along with around 250-300 persons from EIACP RPs and Hubs, GSDP trainees and Master Trainers, school children from four different schools of Delhi and various officials from MoEF&CC as well as EIACP Secretariat officials. The Workshop included an exhibition wherein the EIACP centres displayed their GSDP/LiFE products as well as activities undertaken under Mission LiFE by them. Some of the products were displayed inter-alia including honey, Bamboo craft products, coconut shell handicrafts, lantana furniture made by candidates under the Green Skilling Initiative of the programme, mobile apps like Carbon watch and a LiFE game for kids to inculcate the LiFE actions in the fun way.



- **Special Lecture: World Ozone Day 2022**

The Centre also organised a special lecture on the event of **World Ozone Day**, with the theme '**Ambient Ozone and Other Gas Measurements and Related Atmospheric Chemistry in Urban Environment**'. To spread awareness on World Ozone Day, a special lecture was organized by ENVIS Resource Partner on Human Settlements and their impact on Environment on **22<sup>nd</sup> September 2022** at the School of Planning and Architecture, New Delhi. The lecture was delivered by **Dr. Shankar Aggarwal**, Senior Principal Scientist from the National Physical Laboratory, New Delhi. Apart from this, the certificate and cash prize were awarded to the winners of the poster and essay writing competition.



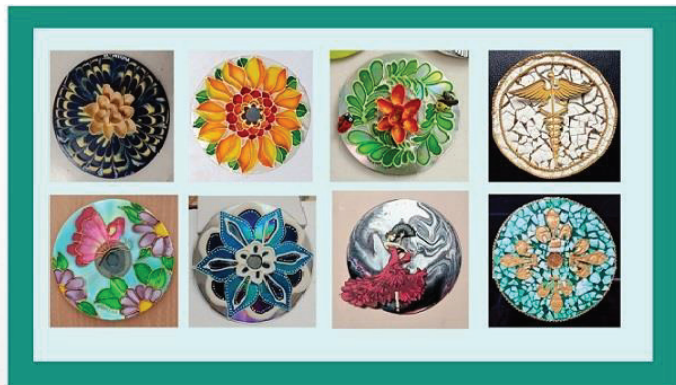
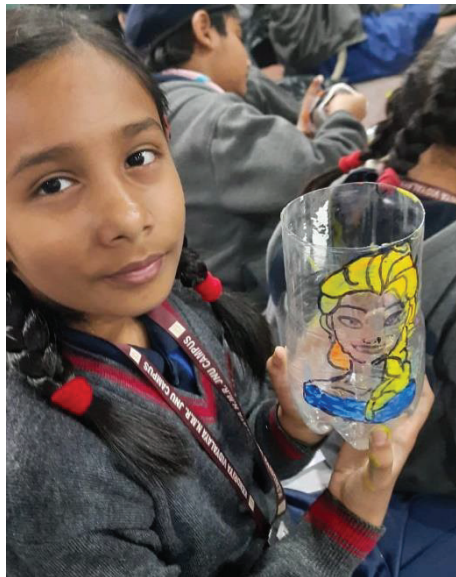
- **Mass Awareness Drive on Mission LiFE (Lifestyle for Environment)**

The Centre also participated in a **Mass Awareness Drive on Mission LiFE (Lifestyle for Environment)** conducted jointly by Delhi EIACP PC RPs, Uttarakhand PC RPs and Punjab Hub at Haridwar, Rishikesh and Dehradun from **20th -24th March 2023**. Sessions were conducted at various locations viz., Clock Tower, Har-ki-Pauri, Gurukul Kangri Vishwavidyalaya at Haridwar, Doon University and Kingston Imperial Institute of Medical Sciences at Dehradun, Parmarth Niketan at Rishikesh. The team received very positive feedback from the target groups and managed to reach out to around 60000 persons.

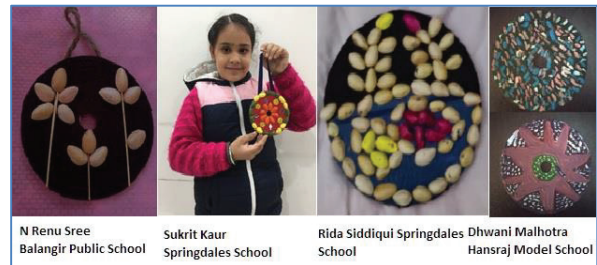


- **Treasure from Trash Workshops**

In concern to the present scenario of handling plastic waste, a series of Online workshops on Treasure from Trash Workshop, themed on Up-cycling of plastic waste were conducted by the SPA EIACP centre throughout the Financial Year 2022-2023. These workshops were a small step intended to reduce the impact of plastic waste through fun and creativity among school children as well as University/College level Students. These Workshops were structured to enable the productive involvement of the future generation in creating and sustaining a plastic-free environment and are an endeavour to induce the zest among the youths and tap their abilities in handling plastic waste at the source level. During the workshops, the virtual instructions for arts and crafts activities using plastic bottles and plastic bags were directed to the participants. These workshops were phased to instruct the various steps of the activity and to skill the participants with creative techniques in creating plastic crafts to add on to their creative minds.



Recycled Artwork by Dr. Marisha Sharma



N Renu Sree  
Balangir Public School

Sukrit Kaur  
Springdales School

Rida Siddiqui Springdales  
School

Dhwani Malhotra  
Hansraj Model School

## 5.4 CENTRE FOR WATER STUDIES

1. Name: **Prof. Ashok Kumar, PhD**
2. Centre: Centre for Water Studies
3. Current Designation: Dean (Student Affairs) and Professor of Physical Planning

### 4. Faculty Profile

Name of the Faculty	Designation	Educational Qualifications	Areas of Specialization
Prof. Ashok Kumar Coordinator	Dean (Student Affairs) and Professor of Physical Planning	M.Sc.; MP (URP); PhD University of Liverpool, U.K.	Urban and Regional Planning; Water Security and Sustainable Development
Prof. R. Biswas	Professor of Physical Planning	B.E. (Civil Engg), MRP, and PhD	Urban Water Infrastructure Management

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

S. No.	Semester	Year	Subjects (Theory and Studios)	Hours per Week
1.	IX	2023	Functional Plan for Water: The Case of Udham Singh Nagar District, Uttarakhand (studio)	5
2.	VIII	2023	Water Security and Sustainable Planning and Development (Theory subject)	2

### 6. Details of Teaching Work Undertaken in Other Departments

S. No.	Semester	Year	Subjects (Theory and Studios)	Hours per Week
1.	Not Relevant	Not Relevant	Studio presentations made by the students from UIC, U.S. and Department of Urban Design, SPA Delhi.	2 on two occasions

## 7. Details of Research Projects

Name of the Project	Sponsored or Funded by	Project Team	Project Coordinator
Water Security and Sustainable Development	UKRI	Ashok Kumar, Rabidyuti Biswas, P.S.N. Rao	Ashok Kumar

## 8. Details of Consultancy Projects

Name of the Project	Name of the Client	Project Team	Project Coordinator
None			

## 9. Details of Research Publications

- Kumar, A., Cat Button, Shambhavi Gupta, and Jaime Amezaga (2023) Water Sensitive Planning for the Cities in the Global South, *Water*, Vol. 15, No. 2, 235. doi.org/10.3390/w15020235.
- Kumar, A. (2022) The Seven Challenges of Sustainable Urban Development in India, *ITPI Journal*, Vol. 20, No. 1, pp. 1-21. ISSN 0537 9679.
- Savitri Kumari and Rabidyuti Biswas (2022) Decoding Delhi's water governance through multi-level governance approach, *H2 Open Journal* Vol 5 No 4, 722 doi: 10.2166/h2oj.2022.048.

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

Chief Editor, ITPI Journal (concluded in September 2023).

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

- Prof. Ashok Kumar: Module Designed: 'Climate Change: Integration of climate adaptation and mitigation strategies into urban planning practices' in the "Rethinking Urban Planning Pedagogy to address the Future Challenges of Urbanization" held at IIT Roorkee, Uttarakhand on 22-23 May 2023 under the Going Global programme of the British Council.
- Prof. Ashok Kumar: A paper titled "The Seven Challenges of Sustainable Urban Development in India" was presented online at the 71st National Town and Country Planners Conference held at Bhubaneswar from 24-26 February 2023. The conference was titled "Challenges for Urban and Regional Planning towards Sustainable Development".

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

- Prof. Ashok Kumar: Chaired in a seminar on water security of NCT of Delhi on the occasion of World Water Day was organized on 29 March 2023.
- Prof. Rabidyuti Biswas: Participated in a seminar on water security of NCT of Delhi on the occasion of World Water Day was organized on 29 March 2023.

**13. Membership of Professional Bodies**

Fellow Member, Institute of Town Planners, India  
Member, Indian Institute of Public Administration, New Delhi

**14. Any other information**

- Prof. Rabidyuti Biswas and a few students from SPA Delhi participated in the Mission Amrut Sarovar launched by the AICTE for the rejuvenation of water bodies in Delhi.
- Prof. Ashok Kumar and Prof. Rabidyuti Biswas: Awareness seminars on the themes related to water security are continually organized by the Centre for Water Studies. A seminar on water security of NCT of Delhi on the occasion of World Water Day was organized on 29 March 2023. The key speakers came from Delhi Jal Board, National Institute of Urban Affairs, and CURE. Among others, the seminar was attended by the researchers of the Hub, faculty of the School, and students of Master of Planning and Bachelor of Planning.
- Prof. Ashok Kumar and Prof. Rabidyuti Biswas: An awareness campaign on water security theme titled “Be Water Wise” during the World Water Week was organized in a school in Chirag Dilli of Municipal Corporation of Delhi having 600 students from class 1 to 5. This campaign was conducted amongst 112 students from class 1-5 students in 3 sections. A drawing competition was conducted for the students on water security and prizes were distributed.
- Prof. Ashok Kumar and Prof. Rabidyuti Biswas: National Capital Region Board meeting for review of National Capital Region Plan 2041 organized by the NCRPB, New Delhi on 12 October 2022.

Sd.  
**(Dr. ASHOK KUMAR)**  
Dean (Student Affairs)  
Professor of Physical Planning and  
Coordinator, Centre for Water Studies

## 5.5 ANTI-SEXUAL HARASSMENT COMMITTEE

Sl.No.	Name and Designation	Nominated as
1.	Prof. (Dr.) Chitrarekha Kabre Professor (Architecture)	Chairperson
2.	Sh. Manu Mahajan Associate Professor (Urban Design)	Member
3.	Dr. Shuvojit Sarkar Associate Professor (Architecture)	Member
4.	Dr. Aarti Grover HOD and Associate Professor (Landscape Architecture)	Member
5.	Sh. Ashwani Kumar Chadha Senior Assistant	Member
6.	Ms. Veena Yadav Senior Assistant	Member
7.	Ms. Mayuri Das Student of Third Year (Physical Planning)	Member
8.	Sh. Zurooru Zaman Student of Third Year (B. Arch.)	Member
9.	Ms. Durba Ghose, Co-founder & Director, Mittika (Non-profit Organisation) NGO Representative	Member
10.	Ms. Anitha Shenoy, Advocate, Hon'ble Supreme Court of India	Special Invitee
11.	Dr. Sakkeri Ramya Assistant Professor (Urban Planning)	Secretary



## 5.6 SC/ST CELL

The School has appointed Prof. Dr. Rabidyuti Biswas, Professor of Physical Planning and Coordinator, CASS as '**Liaison Officer**' for taking care of the welfare of SC, ST and OBC employees in the School for the year 2022-2023.

## 5.7 DOCUMENTATION-CUM-PUBLICATION UNIT

- Dr. Bharati Vats  
**DPU (In-charge)/Hindi Officer (Nominated) /APAR (In-charge) /Sports Officer**
- 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, and any other work assigned from time to time.

The DPU makes printing arrangements and its related services for all the publications of the School after the recommendation and approval of the Competent Authority such as, Annual Report, 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 2022-23 the DPU brought out following publications:

- Tendering & Printing Annual Report 2021-22 (English) and Annual Report 2021-22 (Hindi)
- 40<sup>th</sup> Convocation Booklet.
- Hindi Calendar year 2023.
- Office and Examination stationary (letterheads, Visiting Cards and I.D. Cards)
- SHODHANJALI- II (Abstract of the Thesis of the Ph.D. Students)
- Making of an Employees' telephone directory.
- Book printing as per requirement time to time.

## 5.8 APAR CELL

- Dr. Bharati Vats  
**DPU (In-charge)/Hindi Officer (Nominated) /APAR (In-charge) /Sports Officer**
- Dharmendra Singh Dhakad  
**Junior Assistant**

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.

## 5.9 OFFICE LANGUAGE 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.
- The working of School 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 Departments 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 2022 and its related activities.
- Represented the School in Second Akhil Bhartiya Rajbhasha Sammelan at Surat Gujrat.

## 5.10 PHYSICAL EDUCATION AND SPORTS CELL

- Dr. Bharati Vats  
DPU (In-charge)/Hindi Officer (Nominated) /APAR (In-charge) /Sports Officer
- Dharmendra Singh Dhakad  
Junior Assistant

Sports is 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. The Department of Physical Education and Sports has also encouraged informal 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 organized. 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 Common wealth 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 sport. The annual sports meet of the staff members of the school in the first week of January was also organized.

Apart from this the Department of Physical Education and Sports Cell also coordinates and facilitates the participation of student's teams in various, national and inter-SPA sports meet.

**Activities organized by the Cell:**

- Celebrated International Yoga Day - 2023 with different yoga activities and competitions.
- To promote and propagate Yoga and its benefits, in our Institution Y-Break, Namaste Yoga and M-Break were launched.
- Athlos 2022.
- Development and maintenances of existing infrastructure is under process.
- Teaching and Non-Teaching Sports 2022.
- National Sports Day 2023.
- Participation in Malaviya Sports tournament 2023 at Malaviya National Institute of Technology Jaipur. Where students participated in various competitions and won 3 gold, 1 silver and 1 brown medals.

## 5.11 LIBRARY

Prof. Dr. Sanjukta Bhaduri

### **Chairperson**

Prof. Dr. Ranjana Mital **Chairperson** (upto 31.07.2021)

Narendra Singh Dhama(Deputation from 22/12/2022)

### **Library & Information Officer**

Hargian Singh(Retired on April 2022)

### **Sr. Library & Information Assistant**

T. 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, Indiastat 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.

## 5.12 WORKSHOP

Parag Anand Meshram Associate Professor and HOD Industrial Design

Support Staff:

Sushil Kumar , Mechanic

The workshop, a core component of the School's infrastructure, utilises a practical methodology to facilitate the dissemination of information pertaining to manufacturing processes and materials science. The primary skill that students develop via the workshop is the ability to confidently translate architectural and product designs from the conceptual stage to their physical realisation in the real world. The workshop additionally provides product manufacturing assistance to the entire school community, from undergraduate to post-graduate and doctoral students. The students' participation in the Workshop during their early professional development equips them with hands-on skills, fostering a strong sense of confidence to use their understanding of materials and manufacturing in real-world scenarios.

The workshop offers a comprehensive range of speciality divisions, which include the Carpentry shop, Fitting shop, Smithy shop, Machine shop, Turning and Lathe shop, to impart knowledge and skills to its participants. Students utilize these facilities for completion of their coursework, and fabrication of their academic projects towards fulfilling their curriculum requirements. It also assists faculty members and research departments of the school with their mockups and prototyping jobs. The Workshop is equipped with the most advanced carpentry and fabrication tools and equipment, including electric planners, jig saws, circular saws, angle grinders, drill machines, and lathe machines.

In order to remain relevant, the workshop has employed strategies to reorganise, modernise, and adapt for the ever-changing global industrial landscape. Efforts are being made to educate students on a comprehensive and responsible perspective of manufacturing, encompassing the strategic planning and effective execution of processes involved in transforming raw materials into commodities of value to society.







**6.**

## **ADMINISTRATION**



## 6.1 ADMINISTRATIVE STAFF IN THE SCHOOL

SL.NO.	NAME OF EMPLOYEE	DESIGNATION	REMARKS
1	Umakant Agarwal	Registrar	
2	Virendra Kumar	Deputy Registrar	
3	Anuj Bhardwaj	Assistant Registrar	
4	Girish Kumar	Assistant Registrar	
5	N.S. Dhama	LIO (Library)	On Deputation
6	Dr. Ashok Kumar	LIO (Doc.)	On Lien
7	Piyush Kant Jain	Technical Officer (Lab.)	On Deputation
8	Dr. Bharati Vats	Sports Officer	
9	Kishori Lal	Section Officer	
10	Dhirender K. Agnihotri	Section Officer	
11	Sh. Ashok Kumar Sharma	Section Officer (ad-hoc)	
12	Shanti Swaroop	Jr. System Analyst	
13	Jagdish Kumar	Jr. System Analyst	On Deputation
14	Abhishek Jain	Jr. System Analyst	
15	Surinder Kumar Dogra	Assistant Engineer (Civil)	
16	Renu Anand	Senior Personal Assistant	
17	Sanjeev Kumar Joshia	Senior Personal Assistant	On Deputation
18	Veena Yadav	Senior Assistant	
19	Ashwani Kumar Chadha	Senior Assistant	
20	Ajay Kumar Sharma	Senior Assistant	
21	Manohar Lal	Senior Assistant	
22	Kiran Punia	Senior Assistant	
23	Neeraj Kumar	Senior Assistant	
24	Harshinder Pal Singh	Senior Assistant	
25	Kamal Kumar Arora	Personal Assistant	
26	Vinod Kumar	Assistant Photographer	
27	T. Pramod Nabor	Sr. Library & Info. Assistant	
28	Lavlin Dixit	Assistant	
29	Kamal Kishore Tuteja	Assistant	
30	Poonam Saini	Assistant	
31	Vijay Asnani	Assistant	
32	Rahul Dixit	Stenographer	
33	Syed Ahmad Ali Rizvi	Stenographer	
34	Pooja Negi	Stenographer	
35	Gaurav Singh Rawat	Stenographer	
36	Chaman Singh	Driver Grade-II	
37	Deepak Suhag	Junior Assistant	
38	Rahul Sharma	Junior Assistant	
39	Laxmi Singh Bhardwaj	Junior Assistant	
40	Varun Bansal	Junior Assistant	
41	Sunil Messey	Junior Assistant	
42	Ravinder Singh	Junior Assistant	
43	Vunglal Muang	Junior Assistant	
44	Himanshu Kumar	Junior Assistant	



45	Sanjeev Kumar	Junior Assistant	
46	Jatin Kumar Badhana	Junior Assistant	
47	Khushboo Kumari	Junior Assistant	
48	Dharmendra Singh Dhakad	Junior Assistant	
49	Ankur Pal	Junior Assistant	
50	Abhishek Tiwari	Junior Assistant	
51	Sushil Kumar	Mechanic	
52	Mayank Mishra	Hindi Typist	
53	Roshan Lal	Junior Assistant (Ad-hoc basis)	
54	Manik Rao	Junior Assistant (Ad-hoc basis)	
55	Harender Singh Bisht	Junior Assistant (Ad-hoc basis)	
56	Nand Kishore	Junior Assistant (Ad-hoc basis)	
57	Mohan Singh Patwal	Junior Assistant (Ad-hoc basis)	
58	Rakesh Kumar	Jr. Technical Asstt. (Ad-hoc basis)	
59	Satya kumar	Caretaker (Ad-hoc basis)	
60	Om Prakash S/o RC	Caretaker (Ad-hoc basis)	
61	Bhagwan Singh Rawat	Electrician-cum-Plumber (Ad-hoc)	
62	Anil Kumar Mishra	Multi Tasking Staff	
63	Mukesh Kumar S/o TC	Multi Tasking Staff	
64	Shyam Sunder Mehto	Multi Tasking Staff	
65	Vinay Kumar	Multi Tasking Staff	
66	Shiv Singh Bisht	Multi Tasking Staff	
67	Kanwal Kumar Raheja	Multi Tasking Staff	
68	Kuldip Kumar	Multi Tasking Staff	
69	Sukram Pal	Multi Tasking Staff	
70	Surinder Kumar	Multi Tasking Staff	
71	Ram Singh Bani	Multi Tasking Staff	
72	Ram Bati	Multi Tasking Staff	
73	Mukesh Kumar S/o Pusan	Multi Tasking Staff	
74	Rajender	Multi Tasking Staff	
75	Sher Singh Meena	Multi Tasking Staff	
76	Dinanath Prasad	Multi Tasking Staff	
77	Sunil Kumar, S/o CS	Multi Tasking Staff	
78	Ravinder Kumar Bhardwaj	Multi Tasking Staff	
79	Amar Singh Rawat	Multi Tasking Staff	
80	Ishwar Chand	Multi Tasking Staff	
81	Sunil Kumar, S/o DP	Multi Tasking Staff	
82	Ramesh	Multi Tasking Staff	
83	Govind Ballabh Joshi	Multi Tasking Staff	
84	Bishambri Devi	Multi Tasking Staff	
85	Sushil Lakra	Multi Tasking Staff	
86	Kusum	Multi Tasking Staff	
87	Rekha Devi	Multi Tasking Staff	









**7.**

**STUDENTS AND STAFF  
ACCOMMODATION**



## 7.1 STUDENT HOSTELS

### Information from Honorary Hostel Warden

Hostel Seat Allotment for the academic year 2022-2023 are as follows:-

1.	ITO Girls Hostel	90
2.	ITO Boys Hostel	88
3.	MB Girls Hostel	135
4.	MB Boys Hostel	192









**8.**

**FINANCE**



## SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI BALANCE SHEET AS ON 31-03-2023

SOURCES OF FUNDS	Schedule	Amount in Rupees	
		Current Year	Previous Year
CORPUS/CAPITAL FUND	1	651,613,653	548,848,720
DESIGNATED/ EARMARKED/ENDOWMENT FUNDS	2	2,408,425	2,393,582
CURRENT LIABILITIES AND PROVISIONS	3	257,969,731	251,674,195
<b>TOTAL</b>		<b>911,991,809</b>	<b>802,916,498</b>

APPLICATION OF FUNDS	Schedule	Amount in Rupees	
		Current Year	Previous Year
FIXED ASSETS	4		
TANGIBLE ASSETS	4A	131,843,891	131,507,364
CAPITAL WORK IN PROGRESS	4B	11,352,211	11,352,211
INTANGIBLE ASSETS	4C		
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	5	2,107,915	2,038,713
LONG TERM			
SHORT TERM			
INVESTMENTS-OTHERS	6	452,968,966	386,026,404
CURRENT ASSETS	7	246,053,114	204,746,449
LOANS, ADVANCES AND DEPOSITS	8	67,665,713	67,245,356
<b>TOTAL</b>		<b>911,991,809</b>	<b>802,916,498</b>

SIGNIFICANT ACCOUNTING POLICIES 21  
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 22

**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 : 23544904BGQWAS1383

**Sd/-**

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

**Sd/-**

UMAKANT AGARWAL  
REGISTRAR

**Sd/-**

PROF. YOGESH SINGH  
DIRECTOR (ADDITIONAL CHARGE)

PLACE: NEW DELHI  
DATE: 15/07/2023

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31-03-2023**

PARTICULARS	Schedules	Amount in Rupees	
		Current Year	Previous Year
<b>INCOME</b>			
ACADEMIC RECEIPTS	9	140,938,111	125,372,797
GRANTS/SUBSIDIES	10	604,900,000	528,000,000
INTEREST EARNED	11	23,307,404	16,371,113
OTHER INCOME	12	28,047,957	16,444,034
PRIOR PERIOD INCOME	13	3,346,483	-
<b>TOTAL (A)</b>		<b>800,539,955</b>	<b>686,187,944</b>
<b>EXPENDITURE</b>			
STAFF PAYMENTS AND BENEFITS (ESTABLISHMENT EXPENSES)	14	503,514,803	439,915,948
ACADEMIC EXPENSES	15	55,100,983	49,041,191
ADMINISTRATIVE AND GENERAL EXPENSES	16	94,025,146	66,365,294
TRANSPORTATION EXPENSES	17	286,964	235,045
REPAIR & MAINTENANCE	18	6,971,678	11,303,031
DEPRECIATION	4	6,403,854	5,750,843
OTHER EXPENSES	19	12,517,641	14,143,834
PRIOR PERIOD EXPENSES	20	14,264,047	-
<b>TOTAL (B)</b>		<b>693,085,116</b>	<b>586,755,186</b>
<b>BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A-B)</b>		107,454,839	99,432,758
TRANSFER TO/FROM DESIGNATED FUND			-
BUILDING FUND			
OTHERS (SPECIFY)			
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CAPITAL FUND</b>		<b>107,454,839</b>	<b>99,432,758</b>
SIGNIFICANT ACCOUNTING POLICIES	21		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	22		

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 : 23544904BGQWAS1383

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

Sd/-

PROF. YOGESH SINGH  
DIRECTOR (ADDITIONAL CHARGE)

PLACE: NEW DELHI  
DATE: 15/07/2023

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

SCHEDULE 1 - CORPUS/CAPITAL FUND		Amount in Rupees	
A) Corpus Fund	Current Year	Previous Year	
Balance as at the beginning of the year	548,848,720	447,157,863	
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	107,454,839	99,432,758	
Less: Other Deduction (Interest paid to Bharat Kosh & Capital Expenditure on repair of Building)	(8,712,573)	(965,235)	
(Deduct) Deficit transferred from the Income and Expenditure Account			
<b>Balance at the Year End</b>			
Add: Transferred from Reserve & Surplus Account	-	-	
Add: Transferred from Fixed Assets fund	-	-	
Transfer from Consultancy Fund	3,311,667	2,571,657	
Transfer from DASA Fees	711,000	651,677	
<b>Total A</b>	<b>651,613,653</b>	<b>548,848,720</b>	
<b>B) Reserves and Surplus</b>			
Balance as at the beginning of the year	-	-	
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	-	-	
Less: Transferred to Corpus fund	-	-	
<b>Total B</b>	<b>-</b>	<b>-</b>	
<b>GRAND TOTAL (A+B)</b>	<b>651,613,653</b>	<b>548,848,720</b>	

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

SCHEDULE 2 - DESIGNATED / EARMARKED / ENDOWMENT FUNDS		Amount in Rupees	
Particulars	Fund Wise Breakup		Total
	Fixed Asset & Building Fund	Endowment Fund (Schedule-2A)	Current Year
Previous Year			
A			
a) Opening balance of the funds	-	2,393,582	2,393,582
b) Additions during the year:			
1) Income from Investments made on account of funds			
2) Addition of New Fund	-	70,343	70,343
i) Gifted Capital	-	-	-
ii) Capital Expenditure - Non Recurring	-	-	-
<b>Total (A)</b>	<b>-</b>	<b>2,463,925</b>	<b>2,463,925</b>
B			
Utilisation/Expenditure towards objectives of funds			
i. Capital Expenditure- depreciation	-	-	-
ii. Revenue Expenditure	-	55,500	55,500
iii Transferred to Corpus fund A/c	-	-	-
<b>Total (B)</b>	<b>-</b>	<b>55,500</b>	<b>55,500</b>
<b>Closing Balance at the year end (A - B)</b>	<b>-</b>	<b>2,408,425</b>	<b>2,408,425</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

S.No.	Name of the Endowment	Opening Balance		Addition during the year		Total		Closing Balance		Expenditure on the object during the year	Total
		Endowment	Accumulated Interest	Endowment	Interest	Endowment	Accumulated Interest	Endowment	Accumulated Interest		
1	Abhijit De Design Award	268,457	-	-	14,895	283,352	-	283,352	14,000	269,352	-
2	J.K. Chaudhary Fund Trust	222,717	-	-	15,158	237,875	-	237,875	15,000	222,875	-
3	Krishna Saini Gold Medal	52,432	-	-	2,215	54,647	-	54,647	-	54,647	-
4	Late. Prof. R.C Gupta Endowment Fund Award	150,000	-	-	-	150,000	-	150,000	5,000	145,000	-
5	L.R. Vagle	72,498	-	-	3,421	75,919	-	75,919	-	75,919	-
6	M.R. Aghihotri Fund	100,101	-	-	1,368	101,469	-	101,469	-	101,469	-
7	N.S. Saini Gold Medal	92,381	-	-	-	92,381	-	92,381	-	92,381	-
8	Narendra Juneja Memorial Award	158,188	-	-	5,473	163,661	-	163,661	-	163,661	-
9	N.M. Chatterji Endowment Fund	150,000	-	-	-	150,000	-	150,000	4,000	146,000	-
10	Nomi Bose Endowment	(6,122)	-	-	238	(5,884)	-	(5,884)	-	(5,884)	-
11	P.C. Jain Alumni Gold Medal	191,906	-	-	-	191,906	-	191,906	-	191,906	-
12	Prof. R.P. Mishra Memorial Gold Medal Award	300,000	-	-	-	300,000	-	300,000	-	300,000	-
13	Prof. S.K. Narayana Gold Medal	134,526	-	-	6,844	141,370	-	141,370	-	141,370	-
14	Prof. T.J. Manickam Memorial Award	(60,088)	-	-	4,106	(55,982)	-	(55,982)	-	(55,982)	-
15	Setur Ananamma Award	2,056	-	-	-	2,056	-	2,056	-	2,056	-
16	Shreya Anand Gold Medal A/c.	92,222	-	-	6,843	99,065	-	99,065	-	99,065	-
17	Siddharth Khotliya Award	293,234	-	-	-	293,234	-	293,234	15,000	278,234	-
18	Subash Paranjape Memorial Award	29,235	-	-	601	29,836	-	29,836	-	29,836	-
19	Vandana Goel Gold Medal Fund	146,676	-	-	8,361	155,037	-	155,037	2,500	152,537	-
20	Ved Prakash Saini Memorial Award	3,164	-	-	820	3,984	-	3,984	-	3,984	-
	<b>Total</b>	<b>2,393,582</b>			<b>70,343</b>	<b>2,463,925</b>		<b>2,463,925</b>	<b>55,500</b>	<b>2,408,425</b>	

Sd/-

**GIRISH KUMAR**  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

**UMAKANT AGARWAL**  
REGISTRAR

Sd/-

**PROF. YOGESH SINGH**  
DIRECTOR ( ADDITIONAL CHARGE)

# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023

Particulars	Amount in Rupees			
	Current Year		Previous Year	
	School	Consultancy Fund	School	Consultancy Fund
		Total	Total	Total
<b>A. CURRENT LIABILITIES</b>				
1 Deposits from staff	1,446,792	-	1,446,792	1,396,792
2 Security Deposits from students	42,164,090	-	42,164,090	35,445,888
3 Student Association fees	26,521,867	-	26,521,867	32,282,382
4 Sundry Creditors				
a) For Goods and Services	1,691,137	-	1,691,137	1,700,281
b) Others Creditors	265,011	-	265,011	265,011
5 Deposits-Others (Including EMD, Security Deposit)				
a) Deduction from Salary	4,254,297	-	4,254,297	4,415,333
b) Earnest Money Deposit/Security Deposit	5,114,313	-	5,114,313	4,865,910
6 Statutory Liabilities				
a) Overdue (Labor Cess)	99,871	-	99,871	270,785
b) Others Liability	3,368,010	-	3,368,010	3,863,978
7 Other Current Liabilities				
a) Salaries	13,971,953	-	13,971,953	13,056,430
b) Sponsored projects	31,940,122	-	31,940,122	21,288,924
c) Sponsored fellowship & Scholarships	7,980,567	-	7,980,567	8,874,894
d) Other Liabilities	1,167,169	-	1,167,169	4,088,851
e) Payable to consultancy project subsidiary accounts		67,528,129	67,528,129	73,255,023
f) Outstanding Expenses				
Administrative Expense				
Concerned Departments / PDF		24,369,725	24,369,725	5,000
B) Stale Cheques	6,844,554	-	6,844,554	21,060,192
h) Leave Salary Contribution	207,252	-	207,252	6,748,049
i) Pension Contribution	1,442,612	-	1,442,612	737,859
j) Pension Payable	7,401,005	-	7,401,005	2,352,919
k) Amount Payable to GPF/CPF	9,648,384	-	9,648,384	6,233,941
l) Amount Payable to NPS	313,231	-	313,231	8,767,430
m) CSAB Counselling Center				313,231
n) Fees Refundable	229,640	-	229,640	60,248
				324,844
<b>Total (A)</b>	<b>166,074,877</b>	<b>91,897,854</b>	<b>257,969,731</b>	<b>251,674,195</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/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)

# 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	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	257,714	-	-	257,714	-	257,714	-
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	1,046,491	-	915,872	1,962,363	1,945,629	16,734	-
(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	299,462	-	-	299,462	-	299,462	-
(e)	Other AICTE Programme	-	-	788,000	788,000	490,542	297,458	-
6	<b>FORD FOUNDATION</b>	400	-	-	400	400	-	-
7	<b>UNESCO: 19th &amp; 20th Century in Arch. Conservation in India</b>	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)	MCR Probe - DST Project	7,156	-	-	7,156	7,156	-	-
9	<b>Ministry of Home Affairs</b>	-	-	-	-	-	-	-
(a)	National Programme for Capacity Bldg. Arch. In Earthquake Risk Mgmt.	1,226,813	-	-	1,226,813	-	1,226,813	-
10	<b>SJSRY Grant</b>	-	-	-	-	-	-	-
11	<b>M/UD - Alter.Approaches to Master Plan</b>	187	-	-	187	187	-	-
12	<b>Fire Safety in Environment Project</b>	100,000	-	-	100,000	-	100,000	-
13	<b>Ministry of Social Welfare</b>	170,603	-	-	170,603	-	170,603	-
14	<b>Chance 2 sustain</b>	2,348,805	-	-	2,348,805	-	2,348,805	-
15	<b>DIC DU Project</b>	-	11,496	-	(11,496)	540	-	12,036
16	<b>Kalpa &amp; Sangla Project</b>	57,616	-	-	57,616	-	57,616	-
17	<b>Rajiv Avas Yojna</b>	396,503	-	-	396,503	-	396,503	-
18	<b>Curaj Design Project (Rajasthan University)</b>	50,000	-	-	50,000	-	50,000	-
19	<b>I.U.S.F.B.</b>	133,732	-	-	133,732	-	133,732	-
20	<b>M.R.C. Project</b>	-	180,144	-	(180,144)	-	-	180,144
21	<b>SINP Project</b>	-	102,555	-	(100,151)	-	-	100,151
22	<b>SPA DIC Ministry of Education Project (now ( DIC MHRD))</b>	10,411,318	-	2,404	11,244,633	4,298,197	6,946,436	-
23	<b>I.C.H.R Project</b>	174	-	833,315	7,882	174	-	-
24	<b>Rajasthan Rurban Project</b>	7,683	-	199	7,882	174	-	-
25	<b>Kerala Rurban Project</b>	16,536	-	429	16,965	-	16,965	-

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

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	E Pathshala Project	-	-	-	-	-	-	-
(a)	E Pathshala Project (Urban Design)	-	-	-	-	-	-	-
(b)	E Pathshala Project (Planning)	5,000	-	-	5,000	5,000	-	-
27	BMTPC Project	10,000	-	-	10,000	10,000	-	-
28	GIAN Project	161,438	-	-	161,438	-	161,438	-
29	NTPC Project	424,639	-	-	424,639	-	424,639	-
30	AIIMS Project	200,000	-	-	200,000	-	200,000	-
31	ICSSR India Project	111,721	-	-	111,721	-	111,721	-
32	Green Campus Project	-	2,000	2,000	-	-	-	2,000
33	MOOC's Project	-	15,721	-	(15,721)	-	-	15,721
34	ARPIT Project	-	33,758	-	(33,758)	-	-	33,758
35	Urban Transformation Project	898,038	-	753,475	1,651,513	660,531	990,982	-
36	UGC Ukleri	868,585	-	243,750	1,112,335	1,027,098	85,237	-
37	Climtrans	305,732	-	-	305,732	164,000	141,732	-
38	Slum Developers	3,372	-	-	3,372	3,372	-	-
39	RICS Research Trust Project	75,993	-	-	75,993	-	75,993	-
40	UKRI Water	80,317	-	15,399,297	15,479,614	10,198,624	5,280,990	-
41	Going Global Project	-	-	387,507	387,507	237,715	149,792	-
42	NIUA Programme	314,333	-	333,322	647,655	633,054	14,601	-
43	Disaster Resilient Healthcare Infrastructure	150,000	-	-	150,000	69,591	80,409	-
44	Central Road Research Institute	684,000	-	-	684,000	-	684,000	-
45	NTNU Project	-	-	-	-	-	-	-
46	High Level Committee	-	-	10,835,613	10,835,613	1,330,916	9,504,697	-
47	EIACP Project	-	-	6,261,370	6,261,370	5,823,792	437,578	-
48	EBB Project	-	-	851,496	851,496	528,326	323,170	-
49	National Institute of Disaster Management (NIDM)	-	-	185,000	185,000	98,171	86,829	-
50	NDM Project	-	-	408,100	408,100	-	408,100	-
	<b>Total</b>	<b>21,288,924</b>	<b>345,674</b>	<b>38,201,149</b>	<b>59,144,399</b>	<b>27,546,087</b>	<b>31,940,122</b>	<b>341,810</b>

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)

# SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023

S. No		DESCRIPTION	Rate of Dep.	GROSS BLOCK			DEPRECIATION			NET BLOCK		Amount in Rupees	
				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
<b>A TANGIBLE ASSETS</b>													
<b>a Land</b>													
1		Land (Leasehold)	0%	20,197,098	-	-	20,197,098	-	-	-	-	20,197,098	20,197,098
		<b>Total (a)</b>		<b>20,197,098</b>	<b>-</b>	<b>-</b>	<b>20,197,098</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,197,098</b>	<b>20,197,098</b>
<b>b Building</b>													
1		Planning	2%	57,791,944	-	-	57,791,944	20,227,286	1,155,839	-	21,383,125	36,408,819	37,564,658
2		Architecture	2%	29,562,831	-	-	29,562,831	8,800,742	591,257	-	9,391,989	20,170,833	20,762,089
3		M.B. Complex	2%	63,370,287	-	-	63,370,287	30,844,526	1,267,406	-	32,111,932	31,258,355	32,525,761
		<b>Total (b)</b>		<b>150,725,062</b>	<b>-</b>	<b>-</b>	<b>150,725,062</b>	<b>59,872,553</b>	<b>3,014,501</b>	<b>-</b>	<b>62,887,054</b>	<b>87,838,008</b>	<b>90,852,509</b>
<b>c Other Tangible Fixed Assets</b>													
1		Office Equipment	7.5%	59,501,334	804,156	-	60,305,490	53,101,545	540,296	-	53,641,841	6,663,649	6,399,789
2		Computer Peripherals	20%	130,670,961	4,154,578	-	134,825,539	125,522,244	1,860,659	-	127,382,903	7,442,636	5,148,717
3		Furniture/Fixture/Fitting	7.5%	36,528,690	745,797	-	37,274,487	34,035,995	242,887	-	34,278,882	2,995,605	2,492,695
4		Vehicles	10%	2,612,577	-	-	2,612,577	2,615,280	0	-	2,615,280	1	1
5		Library Books & Journals	10%	61,136,933	1,035,849	-	62,172,782	54,784,262	738,852	-	55,523,114	6,649,668	6,352,671
6		Gifted Books of Journals	10%	150,036	-	-	150,036	123,058	2,698	-	125,755	24,281	26,978
7		Consultancy Fixed Asset	10%	72,944	-	-	72,944	33,333	3,961	-	37,294	35,650	39,611
		<b>Total (c)</b>		<b>290,673,475</b>	<b>6,740,380</b>	<b>-</b>	<b>297,413,855</b>	<b>270,215,717</b>	<b>3,389,353</b>	<b>-</b>	<b>273,605,070</b>	<b>23,808,785</b>	<b>20,460,462</b>
		<b>Grand Total (A+a+b+c)</b>		<b>461,595,635</b>	<b>6,740,380</b>	<b>-</b>	<b>468,336,015</b>	<b>330,088,271</b>	<b>6,403,854</b>	<b>-</b>	<b>336,492,125</b>	<b>131,843,891</b>	<b>131,510,069</b>
<b>B CAPITAL WORK IN PROGRESS</b>													
		Development of Vasant Kunj (W.I.P.)	0%	11,352,211	-	-	11,352,211	-	-	-	-	11,352,211	11,352,211
		<b>Total (B)</b>		<b>11,352,211</b>	<b>-</b>	<b>-</b>	<b>11,352,211</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,352,211</b>	<b>11,352,211</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>472,947,846</b>	<b>6,740,380</b>	<b>-</b>	<b>479,688,226</b>	<b>330,088,271</b>	<b>6,403,854</b>	<b>-</b>	<b>336,492,125</b>	<b>143,196,102</b>	<b>142,862,280</b>
		<b>Previous Year</b>		<b>468,687,413</b>	<b>6,108,886</b>	<b>1,848,453</b>	<b>472,547,846</b>	<b>324,337,428</b>	<b>5,750,843</b>	<b>-</b>	<b>330,088,271</b>	<b>142,859,575</b>	<b>144,349,985</b>

Sd/-

**GIRISH KUMAR**  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

**UMAKANT AGARWAL**  
REGISTRAR

Sd/-

**PROF. YOGESH SINGH**  
DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

Particulars		FUND-WISE BREAK UP			Amount in Rupees	
		Endowment Fund	Current Year		Previous Year	
			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	2,107,915	-	2,107,915	-	2,038,713
<b>Total</b>		<b>2,107,915</b>	<b>-</b>	<b>2,107,915</b>	<b>-</b>	<b>2,038,713</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

Particulars	Current Year			Amount in Rupees	
	School	Consultancy Fund	Total	Previous Year	
				Total	
1 In Central Government Securities	-	-	-	-	-
2 In State Government Securities	-	-	-	-	-
3 Other approved Securities	-	-	-	-	-
4 Shares	-	-	-	-	-
5 Debentures and Bonds	-	-	-	-	-
6 Investments - Others	425,506,326	27,462,640	452,968,966		386,026,404
<b>Total</b>	<b>425,506,326</b>	<b>27,462,640</b>	<b>452,968,966</b>		<b>386,026,404</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2023**

		Particulars			Current Year		(Amount Rs.)	
					School	Consultancy Fund	Total	Previous Year
<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	231,411	-	231,411	-	240,527	-	-
b)	Cash Balance in hand	-	-	-	-	-	-	-
<b>Bank Balances:</b>								
a)	With Scheduled Banks:							
	-Saving Accounts	180,546,503	55,245,280	235,791,783		197,551,909		
	-Foreign Currency Account	10,029,919	-	10,029,919		6,954,013		
b)	With non-scheduled Banks:							
	-On Deposit Accounts	-	-	-	-	-	-	-
	-On Saving Accounts	-	-	-	-	-	-	-
<b>4. Post Office-Savings Accounts</b>								
	-Postage in Hand	-	-	-	-	-	-	-
		<b>190,807,834</b>	<b>55,245,280</b>	<b>246,053,114</b>	<b>204,746,449</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 31-03-2023**

Particulars	Current Year			Previous Year Total
	School	Consultancy Fund		
		Total		
<b>1. Advances to Employees : (Non Interest Bearing)</b>				
a) Salary	-	-	-	-
b) Festival	203,636	-	203,636	203,636
c) Bicycle Advance	67,800	-	67,800	67,800
d) LTC Advance	2,963	-	2,963	(53,122)
e) T A Advance	4,668,186	-	4,668,186	7,256,094
<b>2. Long Term Advances to Employees : (Interest Bearing)</b>				
a) Vehicle Loan	54,750	-	54,750	54,750
b) Home Loan	277,480	-	277,480	277,480
c) Others				
Computer Advance	68,820	-	68,820	40,820
Conveyance Advance				
Fan Advance	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		9,116,990	9,116,990	7,621,792
d) Departmental Advance	34,323,778	-	34,323,778	34,323,778
e) Other Advance	2,692,225	-	2,692,225	-
f) Other	-	-	-	6,341,184
- Amount Recoverable From DASA	-	-	-	-
- Other Funds (SPA First)	2,500,000	-	2,500,000	-
<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 31-03-2023**

Particulars	Current Year		Previous Year Total
	School	Consultancy Fund	
5. Deposits			
a) Telephone	38,582	-	38,582
b) Lease Rent	200,000	-	200,000
c) Electricity	24,750	-	24,750
d) Deposit with CPWD	200,000	-	-
e) Security Deposit	28,000	-	-
6. Income Accrued			
a) On Investments from Earmarked/Endowment Funds	190,763	-	190,763
b) On Investments - Others	10,125,322	-	10,125,322
c) On Loans & Advances	-	-	-
d) TDS Receivable	2,126,840	-	2,126,840
7. Other- Current assets receivable from UGC/Sponsored Projects			
a) Debit balances in Sponsored Projects	341,810	-	341,810
b) Debit balances in Sponsored Fellowships & Scholarships	-	-	56,287
c) Grant Receivable	-	-	-
d) SPA fees receivable	-	-	95,204
8. Claims Receivable			
a) Research Projects	216,447	-	216,447
b) Others Receivables	193,021	-	193,021
<b>Total</b>	<b>58,548,723</b>	<b>9,116,990</b>	<b>67,665,713</b>
			<b>67,245,356</b>

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

Sd/-  
PROF. YOGESH SINGH  
DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

Particulars		Current Year		Previous Year		(Amount Rs.)
		Recurring	Non Recurring	Recurring	Non Recurring	
<b>FEES FROM STUDENTS</b>						
<b>Academic</b>						
Tuition Fee	91,959,668	-	91,959,668	86,361,709	-	86,361,709
Admission Fee	3,588,850	-	3,588,850	4,226,479	-	4,226,479
Enrolment Fee	3,081,000	-	3,081,000	2,170,000	-	2,170,000
Academic Support Fees	12,362,000	-	12,362,000	11,691,000	-	11,691,000
Registration Fee	1,474,800	-	1,474,800	1,225,500	-	1,225,500
Games Fees	465,939	-	465,939	675,500	-	675,500
Self Financing Fees	26,941,217	-	26,941,217	18,042,650	-	18,042,650
<b>Total (A)</b>	<b>139,873,474</b>	-	<b>139,873,474</b>	<b>124,392,838</b>	-	<b>124,392,838</b>
<b>Examinations</b>						
<b>Total (B)</b>	-	-	-	-	-	-
<b>Other Fees</b>						
Fine and Loss Charges	231,914	-	231,914	89,191	-	89,191
Migration Cert./ Degree Vrf./ Transcript/ Convocation	832,723	-	832,723	890,769	-	890,769
<b>Total (C)</b>	<b>1,064,637</b>	-	<b>1,064,637</b>	<b>979,960</b>	-	<b>979,960</b>
<b>Sale of Publications</b>						
<b>Total (D)</b>	-	-	-	-	-	-
<b>GRAND TOTAL (A+B+C+D)</b>	<b>140,938,111</b>	-	<b>140,938,111</b>	<b>125,372,797</b>	-	<b>125,372,797</b>

Sd/-

**GIRISH KUMAR**  
**ASSISTANT REGISTRAR**  
**(A&B)**

Sd/-

**UMAKANT AGARWAL**  
**REGISTRAR**

Sd/-

**PROF. YOGESH SINGH**  
**DIRECTOR ( ADDITIONAL CHARGE)**

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Total	Total	
Balance B/F	-	-	-	-	-
Add : Receipts during the year	604,900,000	-	604,900,000	-	528,000,000
<b>Total</b>	<b>604,900,000</b>	-	<b>604,900,000</b>	-	<b>528,000,000</b>
Less : Refund to UGC	-	-	-	-	-
Balance	<b>604,900,000</b>	-	<b>604,900,000</b>	-	<b>528,000,000</b>
Less: Utilised for Capital Expenditure (A)	-	-	-	-	-
<b>Balances</b>	<b>604,900,000</b>	-	<b>604,900,000</b>	-	<b>528,000,000</b>
Less: Utilised for Revenue Expenditure (B)	604,900,000	-	604,900,000	-	528,000,000
<b>Balance C/F (C)</b>	-	-	-	-	-

Sd/-  
 GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. YOGESH SINGH  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

(Amount Rs.)

Particulars	Current Year		Previous Year	
	Recurring	Non Recurring	Recurring	Non Recurring
	Total	Total	Total	Total
1 Interest on Deposit in Saving Bank Account	1,345,843	-	1,345,843	-
2 Interest on Deposit in FDR	21,844,820	-	21,844,820	-
3 On Loans				
- Employees/Staff	41,208	-	41,208	-
- Others (Income Tax)	75,533	-	75,533	-
<b>Total</b>	<b>23,307,404</b>	<b>-</b>	<b>23,307,404</b>	<b>-</b>
			<b>16,371,113</b>	<b>16,371,113</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

Particulars	Current Year		Total	Previous Year		Total
	Recurring	Non Recurring		Recurring	Non Recurring	
	(Amount Rs.)					
<b>A. Income from Land and Building</b>						
1 Hostel Room Charges	11,511,018	-	11,511,018	4,244,022	-	4,244,022
2 Licence Fees for Canteen	34,338	-	34,338	-	-	-
3 Licence fees for Guest Room	202,126	-	202,126	68,587	-	68,587
4 Charges from Others	96,141	-	96,141	-	-	-
5 Licence Fees	727,176	-	727,176	476,400	-	476,400
6 Electricity Charges recovered	931,061	-	931,061	851,469	-	851,469
7 Water Charges recovered	37,461	-	37,461	56,512	-	56,512
<b>Total (A)</b>	<b>13,539,321</b>	<b>-</b>	<b>13,539,321</b>	<b>5,696,990</b>	<b>-</b>	<b>5,696,990</b>
<b>B. Others</b>						
1 Income from Consultancy	13,246,670	-	13,246,670	10,186,630	-	10,186,630
2 RTI Fees	120	-	120	100	-	100
3 Income from Royalty	-	-	-	-	-	-
4 Sale of Application Form (Recruitment)	865,341	-	865,341	5,000	-	5,000
5 Misc Receipts (Sale of Tender Form)	10,931	-	10,931	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	-	-	-	-	-	-
- Miscellaneous	37,361	-	37,361	1,997	-	1,997
- Miscellaneous Recovery	337,828	-	337,828	326,961	-	326,961
- Penalty and Rebate Income	10,385	-	10,385	224,179	-	224,179
<b>Total (B)</b>	<b>14,508,637</b>	<b>-</b>	<b>14,508,637</b>	<b>10,747,044</b>	<b>-</b>	<b>10,747,044</b>
<b>Grand Total (A+B)</b>	<b>28,047,957</b>	<b>-</b>	<b>28,047,957</b>	<b>16,444,034</b>	<b>-</b>	<b>16,444,034</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

(Amount Rs.)

Particulars	Current Year		Total	Previous Year		Total
	Recurring	Non Recurring		Recurring	Non Recurring	
1 Other Income						
Honorarium From Consultancy Cell	3,286,235	-	3,286,235	-	-	-
CSAB Counselling Center	60,248	-	60,248	-	-	-
<b>Total</b>	<b>3,346,483</b>	<b>-</b>	<b>3,346,483</b>	<b>-</b>	<b>-</b>	<b>-</b>

Sd/-  
 GIRISH KUMAR  
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 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. YOGESH SINGH  
 DIRECTOR ( ADDITIONAL CHARGE)



**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

Particulars	(Amount Rs.)			
	Current Year		Previous Year	
	Recurring	Non Recurring	Recurring	Non Recurring
Salaries and Wages	167,888,266	-	157,342,474	-
Allowances & Bonus	102,952,246	-	84,080,802	-
Contribution to GPF/CPF and NPS	14,833,396	-	11,682,844	-
Retirement and Terminal Benefits	142,945,929	-	114,175,386	-
Medical Facility	5,321,956	-	6,793,369	-
Honorarium	3,586,112	-	9,777,278	-
Personal Development Allowance (CPDA)	7,329,875	-	5,111,129	-
Other				
CGHS Contribution	1,802,035	-	1,818,758	-
DA Arrears	-	-	-	-
<b>Pay of Part Time Officers (Visiting Faculty)</b>	52,962,183	-	49,043,200	-
Conveyance reimbursement to Visiting Faculty	3,892,805	-	90,708	-
<b>Total</b>	<b>503,514,803</b>	<b>-</b>	<b>439,915,948</b>	<b>-</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

(Amount Rs.)

Particulars	Current Year		Previous Year	
	Recurring	Non Recurring	Recurring	Non Recurring
a) Expenses on Seminar/ Workshops	455,932	-	81,481	-
b) Remuneration to Paper Setter	-	-	-	-
c) Convocation Expenses	2,513,805	-	425,627	-
d) Stipend/means-cum-merit scholarship	51,709,866	-	48,497,783	-
e) Others	421,380	-	36,300	-
- Prizes for various events				
<b>Total</b>	<b>55,100,983</b>	<b>-</b>	<b>49,041,191</b>	<b>-</b>
			<b>49,041,191</b>	<b>49,041,191</b>

Sd/-  
 GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. YOGESH SINGH  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

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	13,703,217	-	13,703,217	-	7,725,494
(b) Water Charges	7,158,343	-	7,158,343	-	6,017,989
(c) Rent, Rates and Taxes	-	-	-	-	-
- Property Tax	4,933,949	-	4,933,949	-	4,933,949
(d) MSW Charges	36,344	-	36,344	(60,298)	(60,298)
<b>B. Communication</b>					
(e) Postage Charges	145,350	-	145,350	-	74,953
(f) Telephone, Fax and Internet Charges	248,522	-	248,522	-	235,179
<b>C. Others</b>					
(g) Printing, Photocopy & Stationary	3,395,093	-	3,395,093	-	2,204,673
(h) Travelling and Conveyance Expenses (Study Tour)	6,212,750	-	6,212,750	-	410,676
(i) Professional and Legal Charges	1,769,409	-	1,769,409	-	1,627,026
(j) Advertisement and Publicity	1,475,574	-	1,475,574	-	585,090
(k) Magazines & Journals	153,715	-	153,715	-	67,643
(l) Others					
- Bank Charges	44,102	-	44,102	-	37,574
- Audit Fees	139,930	-	139,930	-	299,800
- Consumables Articles for Audio Visuals/Lab	-	-	-	-	3,272
- Liveries	-	-	-	-	-
- Membership Fees	407,948	-	407,948	-	591,215
- Other Contingent Charges	1,149,587	-	1,149,587	-	949,434
- Refreshment Charges	731,641	-	731,641	-	362,728
- Manpower & Security Agencies	51,761,064	-	51,761,064	-	39,933,408
- Participation of Staff in International Conference	-	-	-	-	-
- Other Administrative Expenses	558,607	-	558,607	-	365,489
<b>Total</b>	<b>94,025,146</b>	<b>-</b>	<b>94,025,146</b>	<b>-</b>	<b>66,365,294</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

(Amount Rs.)

Particulars	Current Year		Total	Previous Year		Total
	Recurring	Non Recurring		Recurring	Non Recurring	
1 Vehicles (owned by institution)						
a) Running Expenses	197,705	-	197,705	112,498	-	112,498
b) Repair and Maintenance	80,026	-	80,026	111,714	-	111,714
c) Insurance expenses	9,233	-	9,233	10,833	-	10,833
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	-	-	-	-	-	-
3 Vehicle (Taxi) hiring expenses						
<b>Total</b>	<b>286,964</b>	<b>-</b>	<b>286,964</b>	<b>235,045</b>	<b>-</b>	<b>235,045</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

Particulars	Current Year		Total	Previous Year		Total
	Recurring	Non Recurring		Recurring	Non Recurring	
	(Amount Rs.)					
a) Building	2,916,393	-	2,916,393	7,454,403	-	7,454,403
b) Furniture and Fixtures	798,002	-	798,002	87,907	-	87,907
c) Electrical Goods	244,283	-	244,283	265,401	-	265,401
d) Repair and Maintenance of Office Equipment	1,255,393	-	1,255,393	1,570,337	-	1,570,337
e) Computers	1,729,919	-	1,729,919	1,619,288	-	1,619,288
f) Cleaning Material & Services	-	-	-	288,880	-	288,880
g) Book Binding Charges	27,688	-	27,688	16,815	-	16,815
h) Gardening	-	-	0	-	-	-
<b>Total</b>	<b>6,971,678</b>	<b>-</b>	<b>6,971,678</b>	<b>11,303,031</b>	<b>-</b>	<b>11,303,031</b>

Sd/-  
**GIRISH KUMAR**  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
**UMAKANT AGARWAL**  
 REGISTRAR

Sd/-  
**PROF. YOGESH SINGH**  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

**SCHEDULE 19 - OTHER EXPENSES**

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
a) Subsidy to SPA Mess	11,596,782	-	13,807,186	-	13,807,186
b) Other Expense					
- Sanitary Goods	314,111	-	336,648	-	336,648
- Sports Goods	606,748	-		-	
<b>Total</b>	<b>12,517,641</b>	<b>-</b>	<b>14,143,834</b>	<b>-</b>	<b>14,143,834</b>

Sd/-  
 GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. YOGESH SINGH  
 DIRECTOR ( ADDITIONAL CHARGE)

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2023**

**SCHEDULE 20 - PRIOR PERIOD EXPENSES** (Amount Rs.)

Particulars	Current Year			Previous Year	
	Recurring	Non Recurring	Total	Recurring	Non Recurring
	Total				
a) Prior period expenses (Expenses decided in Arbitration )	14,264,047	-	14,264,047	-	-
<b>Total</b>	<b>14,264,047</b>	<b>-</b>	<b>14,264,047</b>	<b>-</b>	<b>-</b>

Sd/-  
 GIRISH KUMAR  
 ASSISTANT REGISTRAR  
 (A&B)

Sd/-  
 UMAKANT AGARWAL  
 REGISTRAR

Sd/-  
 PROF. YOGESH SINGH  
 DIRECTOR ( ADDITIONAL CHARGE)





**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI**  
**BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2023**

(Amount Rs.)

LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
<b>G.P.F. Fund</b>			<b>INVESTMENTS</b>		
Opening Balance	234,964,582	240,031,767	Fixed Deposit Scheme (GPF and CPF)	163,998,895	182,579,965
<b>Additions:</b>			Interest Accrued on Fixed Deposits	4,009,100	4,468,911
G.P.F. Subscription	27,049,700	33,212,500	Advance recoverable from GPF	1,385,935	1,385,935
G.P.F. Advance	2,114,561	1,808,794	Amount Recoverable from SPA	12,806,405	8,721,395
G.P.F. Interest	16,150,971	16,495,944	TDS Receivable	2,276,484	1,490,441
<b>Deductions:</b>			<b>Special Deposit Scheme:</b>		
Full & Final Payments/Withdrawals by staff	56,101,215	56,584,423	G.P. Fund	14,900,720	14,900,720
Adjustments of Reverse Entries	33,680		C.P. Fund	-	-
Transfer to Interest Reserve account	33,680		<b>Bank Balance</b>		
<b>Closing balance of GPF Fund</b>	<b>224,212,279</b>	<b>234,964,582</b>	G.P. Fund Account	3,574,342	2,697,620
<b>C.P.F. Fund</b>			C.P. Fund Account	4,921,894	4,564,833
Opening Balance	2,686,717	2,284,055	Allahabad Bank Account	13,620,396	12,790,150
<b>Additions:</b>					
C.P.F. Subscription	116,538	185,564			
C.P.F. Contribution	116,538	185,564			
C.P.F. Advance					
<b>C.P.F. Interest:</b>					
Contribution	25,200	15,767			
Subscription	25,200	15,767			
<b>Deductions:</b>					
C.P.F. Subscription	-	-			
C.P.F. Contribution	-	-			
Transfer to Interest Reserve account					
<b>Interest Reserve Account</b>					
Opening Balance	2,970,193	2,686,717			
<b>Additions:</b>					
Transfer from CPF					
Transfer from GPF					
Less: Deficit over income	(5,688,302)	(4,051,329)			
Add: Shortfall of Interest recoverable from School	4,051,329	-			
<b>Closing Balance</b>	<b>(5,688,302)</b>	<b>(4,051,329)</b>			
<b>Total</b>	<b>221,494,171</b>	<b>233,599,970</b>	<b>Total</b>	<b>221,494,171</b>	<b>233,599,970</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 : 23544904BQQWAS1383

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR

PROF. YOGESH SINGH  
DIRECTOR (ADDITIONAL CHARGE)

PLACE: NEW DELHI  
DATE: 15/07/2023

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
INCOME & EXPENDITURE ACCOUNT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE  
YEAR ENDING 31.03.2023**

EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR	PREVIOUS YEAR
Interest Credited to			Interest earned on Fixed Deposits	10,253,995	11,740,842
GPF Account	16,150,971	16,495,944	Interest received on Saving Bank	259,074	735,506
CPF Account	50,400	31,534			
Bank Charges	-	199			
Excess of Income over Expenditure	(5,688,302)	(4,051,329)			
<b>Total</b>	<b>10,513,069</b>	<b>12,476,348</b>	<b>Total</b>	<b>10,513,069</b>	<b>12,476,348</b>

(Amount Rs.)

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 : 235449048GQWAS1383

Sd/-  
GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-  
UMAKANT AGARWAL  
REGISTRAR

PROF. YOGESH SINGH  
DIRECTOR (ADDITIONAL CHARGE)

PLACE: NEW DELHI  
DATE: 15/07/2023

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR  
THE PERIOD OF 01.04.2022 TO 31.03.2023**

S.NO.	RECEIPTS	CURRENT YEAR		PREVIOUS YEAR		S.NO.	PAYMENTS	CURRENT YEAR		PREVIOUS YEAR	
I.	Opening Balance					I.	G.P. Fund Subscription		54,620,215		54,086,423
	G.P. Fund	15,487,770	20,052,603	48,281,772	52,370,483		Interest on GPF subscription				
	C.P. Fund	4,564,893		4,088,711			C.P. Fund Subscription				
II.	G.P. Fund Subscription	27,049,700	27,049,700	33,212,500	33,212,500	II.	C.P. Fund Contribution				
	G.P. Fund Interest						G.P. Fund Advance		1,481,000		2,498,000
	C.P. Fund Contribution	116,538	233,076	185,564	371,128		Investment on FDR's/Special Deposit Scheme			25,000,000	
III.	C.P. Fund Contribution	116,538	233,076	185,564	185,564	III.	G.P. Fund				
	G.P. Fund Advance		2,114,561		1,808,794		C.P. Fund				25,000,000
	C.P. Fund Interest						Bank Charges				199
IV.	Encashment of FDR's/Special Deposit Schemes					IV.					
	G.P. Fund	25,000,000	25,000,000	9,564,600	9,564,600		Closing Balance		17,194,738	15,487,770	
	C.P. Fund						G.P. Fund		4,921,894	4,564,893	
V.	Amount payable to SPA					V.					
	CPF										
	GSLS										
VI.	Interest on FDR's/Saving Bank Account					VI.					
	G.P. Fund	2,585,971	2,709,956	2,056,183	2,161,200						
	C.P. Fund	123,985		105,017							
VII.	Interest on Special Deposit Scheme					VII.					
	G.P. Fund	1,057,951	1,057,951	2,148,520	2,148,520						
	C.P. Fund										
	Total		78,217,847		101,637,225		Total	78,217,847		101,637,225	

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 : 23544904BGQWAS1383

Sd/-

GIRISH KUMAR  
ASSISTANT REGISTRAR  
(A&B)

Sd/-

UMAKANT AGARWAL  
REGISTRAR  
PROF. YOGESH SINGH  
DIRECTOR (ADDITIONAL CHARGE)

PLACE: NEW DELHI  
DATE: 15/07/2023

## SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI STATUS OF FDR's AS ON 31st March, 2023

S.No	Name of the Bank	FDR No./A/C No.	Rate of Intt.	Period	Date of Issue	Amount(in Rs)	Value of Maturity	Date of Maturity	Accrued Interest
1	Allahabad Bank	50510464813	6.10%	12 Months	10/01/2023	13,925,282.00	14,794,282.00	10/01/2024	186,178.22
2	Allahabad Bank	50510863363	6.10%	12 Months	12/01/2023	13,925,284.00	14,794,356.00	12/01/2024	181,524.66
3	Allahabad Bank	50510893842	6.10%	12 Months	13/01/2023	13,925,319.00	14,794,393.00	13/01/2024	179,197.87
4	Allahabad Bank	50511035588	6.10%	12 Months	14/01/2023	13,925,351.00	14,794,427.00	14/01/2024	176,871.03
5	Allahabad Bank	50511286102	6.10%	12 Months	15/01/2023	13,925,389.00	14,794,467.00	15/01/2024	174,544.26
6	Allahabad Bank	50511564034	6.10%	12 Months	16/01/2023	13,925,421.00	14,794,501.00	16/01/2024	172,217.40
7	Allahabad Bank	50542045840	6.10%	12 Months	25/01/2023	13,923,631.00	14,792,544.00	25/01/2024	151,252.59
8	Allahabad Bank	50511885741	6.10%	12 Months	17/01/2023	13,925,456.00	14,794,538.00	17/01/2024	169,890.56
9	Allahabad Bank	50512034720	6.10%	12 Months	18/01/2023	13,925,490.00	14,794,574.00	18/01/2024	167,563.70
10	Allahabad Bank	50512739345	6.10%	12 Months	23/01/2023	13,925,663.00	14,794,758.00	23/01/2024	155,929.27
11	Allahabad Bank	50512908509	6.10%	12 Months	24/01/2023	13,891,268.00	14,758,217.00	24/01/2024	153,222.59
12	Allahabad Bank	50513432630	6.10%	12 Months	30/01/2023	13,925,905.00	14,795,015.00	30/01/2024	139,640.58
<b>Total</b>						<b>167,069,392.00</b>			<b>2,008,032.75</b>

S.No	Name of the Bank	FDR No./A/C No.	Rate of Intt.	Period	Date of Issue	Amount(in Rs)	Value of Maturity	Date of Maturity	Accrued Interest
1	BANK OF INDIA	603045110008637	5.00%	1 YEAR	15/05/2022	10,535,427.00	11,072,158.00	15/05/2023	461,826.94
2	BANK OF INDIA	603045110008639	5.00%	1 YEAR	18/05/2022	10,535,427.00	11,072,158.00	18/05/2023	457,497.31
3	BANK OF INDIA	603045110008645	5.00%	1 YEAR	19/05/2022	10,535,427.00	11,072,158.00	19/05/2023	456,054.10
4	BANK OF INDIA	603045110008646	5.00%	1 YEAR	20/05/2022	10,535,427.00	11,072,158.00	20/05/2023	454,610.89
5	BANK OF INDIA	603045110008648	5.00%	1 YEAR	21/05/2022	10,535,427.00	11,072,158.00	21/05/2023	453,167.68
6	BANK OF INDIA	603045110008649	5.00%	1 YEAR	24/05/2022	10,535,427.00	11,072,158.00	24/05/2023	448,838.05
7	BANK OF INDIA	603045110008651	5.00%	1 YEAR	25/05/2022	10,535,427.00	11,072,158.00	25/05/2023	447,394.85
8	BANK OF INDIA	603045110008683	5.00%	1 YEAR	21/06/2022	10,535,427.00	11,072,158.00	21/06/2023	408,428.20
9	BANK OF INDIA	603045110008685	5.30%	1 YEAR	23/06/2022	10,535,427.00	11,105,001.00	23/06/2023	429,874.29
10	BANK OF INDIA	603045110008856	5.75%	1 YEAR	16/11/2022	10,509,453.00	11,126,902.00	16/11/2023	223,505.83
11	BANK OF INDIA	603045110008859	5.75%	1 YEAR	17/11/2022	10,509,453.00	11,126,902.00	17/11/2023	221,850.23
12	UCO BANK	18200310142011	6.75%	1 YEAR	09/03/2023	10,519,837.00	11,248,103.00	09/03/2024	40,854.44
13	UCO BANK	18200310142110	6.75%	1 YEAR	10/03/2023	10,519,837.00	11,248,103.00	10/03/2024	38,908.99
14	UCO BANK	18200310142172	6.75%	1 YEAR	11/03/2023	10,519,837.00	11,248,103.00	11/03/2024	36,963.54
15	UCO BANK	18200310142226	6.75%	1 YEAR	14/03/2023	10,519,837.00	11,248,103.00	14/03/2024	31,127.19
16	UCO BANK	18200310142295	6.75%	1 YEAR	15/03/2023	10,519,837.00	11,248,103.00	15/03/2024	29,181.74
17	UCO BANK	18200310143988	5.10%	1 YEAR	22/04/2022	10,000,000.00	10,519,837.00	22/04/2023	479,260.27
18	UCO BANK	18200310144008	5.10%	1 YEAR	25/04/2022	10,000,000.00	10,519,837.00	25/04/2023	475,068.49
19	UCO BANK	18200310144053	5.10%	1 YEAR	26/04/2022	10,000,000.00	10,519,837.00	26/04/2023	473,671.23
20	UCO BANK	18200310151389	6.90%	1 YEAR	30/09/2022	20,000,000.00	21,416,120.00	30/09/2023	688,109.59
21	UCO BANK	18200310151617	6.90%	1 YEAR	01/10/2022	20,000,000.00	21,416,120.00	01/10/2023	684,328.77
22	UCO BANK	18200310151709	6.90%	1 YEAR	03/10/2022	20,000,000.00	21,416,120.00	03/10/2023	676,767.12
<b>Total A</b>						<b>258,436,934.00</b>			<b>8,117,289.74</b>
<b>Total (A + B)</b>						<b>425,506,326.00</b>			<b>10,125,322.48</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
STATUS OF ENDOWMENT FDR's AS ON 31st March, 2023**

SL.NO.	BANKER	FDR No./A/C No.	Name of Account	Rate of Intt.	Period	DATE OF ISSUE	AMOUNT	MATURITY AMT.	DATE OF MATURITY	INTT.ACRD.
1	UCO BANK	18200310062524	J.K. Choudhary Endowment Fund	5.10%	12 months	13/04/2022	318,875.00	335,451.00	13/04/2023	15,683.41
2	Allahabad Bank	50491028230	Narendra Juneja Endowment Fund	5.10%	1 Year	11/06/2022	46,863.00	49,299.00	11/06/2023	1,918.56
3	Allahabad Bank	50491112394	Narendra Juneja Endowment Fund	5.10%	1 Year	11/06/2022	78,116.00	82,177.00	11/06/2023	3,198.05
4	Allahabad Bank	50491025002	Shreya Anand Endowment Fund	5.10%	1 Year	11/06/2022	156,222.00	164,343.00	11/06/2023	6,395.69
5	Allahabad Bank	50491024778	Ved Prakash Memorarial Scholarship	5.10%	1 Year	11/06/2022	18,743.00	19,717.00	11/06/2023	767.33
6	Allahabad Bank	50490963898	Vandana Goyal Endowment Fund	5.10%	1 Year	11/06/2022	46,863.00	49,299.00	11/06/2023	1,918.56
7	Allahabad Bank	50490963876	Vandana Goyal Gold Medal	5.10%	1 Year	11/06/2022	15,617.00	16,429.00	11/06/2023	639.36
8	Allahabad Bank	50490961948	Normi Bose Memorial Award	5.10%	1 Year	11/06/2022	5,462.00	5,746.00	11/06/2023	223.61
9	Allahabad Bank	50491112430	M.R. Agnihotri Endowment Fund	5.10%	1 Year	11/06/2022	31,243.00	32,867.00	11/06/2023	1,279.08
10	Allahabad Bank	50491112441	T.J. Manikam Memorial Award	5.10%	1 Year	11/06/2022	93,743.00	98,616.00	11/06/2023	3,837.81
11	Allahabad Bank	50491112418	S.K. Narayana Endowment Fund	5.10%	1 Year	11/06/2022	156,237.00	164,359.00	11/06/2023	6,396.30
12	Allahabad Bank	50491112407	L.R. Vagale & Gouramma Vag	5.10%	1 Year	11/06/2022	78,116.00	82,177.00	11/06/2023	3,198.05
13	Allahabad Bank	50491028161	Subhash Paranjape Memorarial Award	5.10%	1 Year	11/06/2022	13,734.00	14,448.00	11/06/2023	562.27
14	UCO BANK	18200310038055	Krishna Saini Endowment Fund	5.30%	12 months	27/06/2022	19,579.00	20,637.00	27/06/2023	787.50
15	UCO BANK	18200310041093	Krishna Saini Endowment Fund	6.00%	314 days	26/12/2022	35,213.00	37,031.00	05/11/2023	727.03
16	CBI, Vikas Minar	3564959496	SPA Vandana Goyal Award	5.35%	1 Year	09/09/2022	104,485.00	104,485.00	09/09/2023	3,108.93
17	UCO BANK	18200310098912	SPA Abhijit De Design Award	5.75%	12 months	29/11/2022	313,352.00	331,762.00	29/11/2023	6,022.37
18	Allahabad Bank	50511662225	SPA M R Agnihotri Award	6.25%	5 year	22/01/2020	75,200.00	102,538.00	22/01/2025	11,968.80
19	Allahabad Bank	5056924540	SPA P C Jain Gold Medal Award	6.25%	5 year	07/12/2019	200,252.00	273,051.00	07/12/2024	48,266.73
20	Allahabad Bank	50504899183	SPA Siddharth Khtoliya Award	6.25%	5 year	11/11/2019	300,000.00	409,062.00	11/11/2024	73,863.36
<b>Total</b>							<b>2,107,915.00</b>	<b>2,393,494.00</b>		<b>190,762.79</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI  
STATUS OF GPF FDR's AS ON 31st March, 2023**

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	6.75%	1 Year	10/02/2023	6,748,773.00	7,215,796.00	10/02/2024	61,154.98
2	Allahabad Bank	50494811887	5.25%	12 months	7/12/2022	10,512,807.00	11,075,691.00	7/12/2023	396,174.41
3	Allahabad Bank	50494811956	5.25%	12 months	7/12/2022	10,512,807.00	11,075,691.00	7/12/2023	396,174.41
4	Allahabad Bank	50494624069	5.25%	12 months	7/11/2022	10,512,803.00	11,075,687.00	7/11/2023	397,686.38
5	Allahabad Bank	50494624105	5.25%	12 months	7/11/2022	10,512,803.00	11,075,687.00	7/11/2023	397,686.38
6	Allahabad Bank	50494456933	5.25%	12 months	7/11/2022	10,512,799.00	11,075,682.00	7/10/2023	399,198.34
7	Allahabad Bank	50494456944	5.25%	12 months	10/07/2022	10,512,799.00	11,075,682.00	7/10/2023	399,198.34
8	Allahabad Bank	50493733635	5.25%	12 months	04/07/2022	9,000,000.00	9,000,000.00	04/07/2023	349,520.55
9	Allahabad Bank	50493733715	5.25%	12 months	04/07/2022	9,000,000.00	9,000,000.00	04/07/2023	349,520.55
10	Allahabad Bank	50477778098	6.10%	12 months	02/02/2023	10,648,238.00	11,312,790.00	02/02/2024	101,435.41
11	UCO BANK	18200310056981	5.30%	12 months	10/10/2022	4,259,522.00	4,489,803.00	10/10/2023	106,383.02
12	Allahabad Bank	50477779433	6.10%	12 months	02/02/2023	5,773,914.00	6,134,262.00	02/02/2024	55,002.46
13	Allahabad Bank	50477777946	6.10%	12 months	02/02/2023	3,299,377.00	3,505,290.00	02/02/2024	31,429.96
14	Allahabad Bank	50477209746	6.10%	12 months	29/01/2023	5,774,436.00	6,134,816.00	29/01/2024	58,867.61
15	Allahabad Bank	50510357346	6.10%	12 months	11/01/2023	13,925,248.00	14,794,317.00	11/01/2024	183,851.42
16	Allahabad Bank	50513374880	6.10%	12 months	29/01/2023	13,925,872.00	14,794,980.00	29/01/2024	141,967.59
17	Allahabad Bank	50513433032	6.10%	12 months	30/01/2023	6,962,952.00	7,397,507.00	30/01/2024	69,820.29
18	Allahabad Bank	50513580214	6.10%	12 months	31/01/2023	6,962,955.00	7,397,510.00	31/01/2024	68,656.64
19	Allahabad Bank	50541959741	6.10%	12 months	31/01/2023	2,320,326.00	2,465,137.00	31/01/2024	22,879.05
20	Allahabad Bank	50541964864	6.10%	12 months	01/02/2023	2,320,464.00	2,465,283.00	01/02/2024	22,492.61
						<b>163,998,895.00</b>	<b>Total</b>		<b>4,009,100.38</b>

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI SCHEDULES FORMING  
PART OF THE FINANCIAL ACCOUNTS FOR THE YEAR ENDED 31-03-2023  
SCHEDULE -21 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 asset's 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 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 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 with 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 retire 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 objects 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 guide lines 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.

### 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

### 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 - 22 CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS**

### **A. CONTINGENT LIABILITIES**

#### **1. CONTINGENT LIABILITIES**

As on 31st March 2023, there are 12 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.67,40,380/- is made during the financial year 2022-23.

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 from these funds.

#### **3. Deposits /Current Liabilities**

3.1 The amount outstanding as Earnest Money Deposits and Security Deposits is of Rs.12,00,463/- and Rs.39,13,850/ 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.96,505/- pertaining to the beginning of financial year 2022-23 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. 3,41,810/- 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 -4 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/DRs 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 29,16,393/- (Previous year 74,54,403/-), last year increase in expenditure was due to increase in maintenance which was pending since lockdown.

**10. Miscellaneous**

11.1 Prior period expense booked of Rs. 1,42,64,047/- consist the amount paid due to arbitration order passed by court.

11.2 During the year prior period income booked of Rs. 33,46,483/-.

11.3 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 re-casted 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 31-03-2023 and the Income and Expenditure account for the year ended on that date.

## **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 2023**

We have audited the attached Balance Sheet of School of Planning and Architecture (SPA) New Delhi as of 31 March 2023, 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 with regard to 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 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 drawn up in the format prescribed by the Government of India, Ministry of Education subject to observations in the 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 Designated/Earmarked/Endowment Funds (Schedule 2)-Rs. 24.08 lakh**

As per the format of accounts prescribed by Ministry of Education the Balance in each fund is to be represented by bank balances, investments and interest accrued but not due and the same needs to be disclosed in Schedule 2. The necessary disclosure has not been made. This is being pointed out in the SAR since the year 2020-21 but remedial action has not been taken despite assurance.

#### **A.1.2 Current Liabilities and Provisions (Schedule 3) – Rs. 25.80 crore**

The above does not include unutilized grant in aid of Rs. 1.93 crore (Non-recurring grant). This has resulted in understatement of Current Liabilities & Provisions and overstatement of Capital Fund by Rs. 1.93 crore. This is being pointed out since 2020-21 but remedial action has not been taken despite assurance.

Further, details of non-recurring grants utilized during the year, unspent balance and balance at the end of the year were not depicted in Schedule 10 of Accounts.

### **A.2 Assets**

#### **A.2.1 Fixed Assets (Schedule 4)-Rs. 14.32 crore**

As per Significant Accounting Policy No. 3.4 (Schedule 21) Fixed Assets are valued at cost less accumulated depreciation. Depreciation on Fixed Assets is provided on straight line method. However, the same was followed on the buildings only. On other tangible assets in Schedule 4 of Fixed Assets, SPA is charging depreciation on write down value method. SPA should follow Straight Line Method as per format of accounts prescribed by Ministry of Education.

#### **A.2.2 Current Assets (Schedule 7)- Rs. 24.61 crore**

As per the format of accounts prescribed by Ministry of Education, Annexure A regarding details of the saving bank accounts and the term deposits is to be attached with Schedule of Current Assets but the same was not attached by the SPA. This was also pointed out in the SAR for the year 2021-22 but remedial action has not been taken despite assurance.

#### **A.2.3 Loans, Advances and Deposits (Schedule 8) -Rs. 6.77 crore**

- (i) The above includes departmental advances of Rs. 3.43 crore out of which advances of Rs. 1.96 crore are pending since 2012-13. The advances have neither been adjusted/reconciled even after lapse of 10 years nor any provision for doubtful debts has been created. This is being pointed out since 2017-18 but remedial action has not been taken.

The party-wise and year-wise details of departmental advances of Rs. 3.43 crore has not been furnished to audit in absence of which the same could not be verified.

- (ii) The above includes TA advance of Rs.46.68 lakh. As per the year wise and employee wise details made available to audit the amount works out to Rs. 61.29 lakh (excluding

of advance pertaining to the years preceding to 2007-08 as the same was not provided to audit whereas SPA has stated that the advances pertain to the period from 2002 onwards and also the details for the years 2020-21, 2021-22 and 2022-23 was not provided) as detailed below:

<b>Sr. No.</b>	<b>YEAR</b>	<b>Outstanding TA Advance</b>
1.	2019-2020	284200
2.	2018-2019	88900
3.	2017-2018	268520
4.	2016-2017	324196
5.	2015-2016	369600
6.	2014-2015	303500
7.	2013-2014	107830
8.	2012-2013	378600
9.	2011-2012	1083700
10.	2010-2011	993500
11.	2009-2010	960900
12.	2008-2009	644551
13.	2007-2008	321440
	<b>Total</b>	<b>6129437</b>

This needs to be reconciled.

- (iii) 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.
- (iv) The above 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 21)**

The Significant Accounting Policy No. 5 which states that provision of retirement benefits was not necessary, is in violation of Accounting Standard 15 issued by 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. This was pointed out in the SAR since the year 2021-22 but remedial action has not been taken.

**D. Grant-in-aid**

During the year 2022-23, the School of Planning and Architecture received grant-in-aid of Rs. 60.49 crore (Recurring: Rs. 60.49 crore and Non-Recurring: Nil) from the Ministry of Education. It had an opening balance of Rs. 3.38 crore (recurring NIL and non-recurring Rs. 3.38 crore) as on 1 April 2022. Out of the total available funds of Rs. 60.49 crore recurring grant-in-aid was fully utilized and out of non recurring grant-in-aid of Rs. 3.38 crore, Expenditure of Rs. 1.45 crore was incurred thereby leaving unutilized non recurring grant-in-aid of Rs. 1.93 crore as on 31 March 2023.

**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 comment and other 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 2023; 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:**

**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 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 1994-95 to 2020-21 were outstanding as on 31.03.2023.
- Non conduct of Physical verification of Fixed Assets and Inventories since 2013-14.

### **3. System of physical verification of assets**

- The physical verification of fixed assets (Land and Building) has been conducted up to 2021-22 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 2012-13 only.

### **5. Regularity in payment of statutory dues**

- No statutory dues at the close of financial year outstanding for more than six months.



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

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

4-Block-B, Indraprastha Estate, New Delhi- 110002

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