



School of Planning
and Architecture
New Delhi

योजना तथा
वास्तुकला विद्यालय
नई दिल्ली

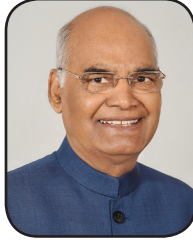


ANNUAL REPORT 2019-20

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



Shri Ram Nath Kovind
Hon'ble President of India
VISITOR



Dr. Ramesh Pokhriyal 'Nishank'
Hon'ble Minister of Education, Government of India
CHAIRPERSON, SPA COUNCIL



Dr. Amogh Kumar Gupta
CHAIRPERSON, BOG



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

PREFACE



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

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

The School offers 2 undergraduate programmes and 11 postgraduate programmes. The School operates from its twin campuses at Indraprastha Estate, New Delhi and has 105 Full time faculty positions, over 200 visiting faculty and nearly 1200 students.

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

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

This Annual Report covers the activities and achievements of the various departments of studies and their respective members during 2019-20. It demonstrates the dedication of the School towards quality education, social responsibilities and nation building.

Sd/-
Prof. Dr. P.S.N. Rao
DIRECTOR

Date : November 2020

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INTER SPA SPORTS AND CULTURAL FESTIVAL
EKPHRASIS'18
Winner
BASKETBALL (Girls)
HOSTED BY SPA BHOPAL

INTER SPA SPORTS AND CULTURAL FESTIVAL
EKPHRASIS'18
Winner
NKKAD
HOSTED BY SPA BHOPAL

INTER SPA SPORTS AND CULTURAL FESTIVAL
EKPHRASIS'18
Winner
FOOTBALL
HOSTED BY SPA BHOPAL

INTER SPA SPORTS AND CULTURAL FESTIVAL
EKPHRASIS'18
Winner
VARNAN
HOSTED BY SPA BHOPAL

INTER SPA SPORTS AND CULTURAL FESTIVAL
EKPHRASIS'18
Winner
VOLLEYBALL (Boys)
HOSTED BY SPA BHOPAL



1.

ABOUT SPA NEW DELHI

ABOUT SPA NEW DELHI

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

History of SPA New Delhi



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

SPA, New Delhi continuously strives to be a globally competitive centre of excellence and has set a number of tasks to be accomplished and objectives to be achieved in the near future:

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



Undergraduate Programs	2
Postgraduate Programs	11
Campus	30 Acres
Full-time Faculty	105
Visiting Faculty	200+
Hostel Seats	450
Students and Scholars	1200+

DEGREE COURSES CONDUCTED BY THE SCHOOL FOR THE SESSION 2019-20

S No.	Name of the Course	Approved Intake	Duration
1	Bachelor of Architecture	118 +15%*+1**	5 years
2	Bachelor of Planning	38 +15%* +1**	4 years
3	Master of Planning (Urban Planning)	35	2 years
4	Master of Planning (Regional Planning)	17	2 years
5	Master of Planning (Environmental Planning)	17	2 years
6	Master of Planning (Housing)	26	2 years
7	Master of Planning (Transport Planning)	26	2 years
8	Master of Architecture (Architectural Conservation)	17	2 years
9	Master of Design (Industrial Design)	26	2 years
10	Master of Urban Design	23	2 years
11	Master of Landscape Architecture	26	2 years
12	Master of Building Engineering and Management	35	2 years
13	Doctoral Programmes (Full-Time/Part-Time)	12x3	Full-Time - Min.2 years - Max.5 years Part-Time - Min.3 years - Max.7 years

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

ENROLMENT OF STUDENTS FOR THE SESSION 2019-20

S. No.	Name of Course	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Total
I.	UNDERGRADUATE COURSE						
1	Bachelor of Architecture	132	120	97	115	96	560
2	Bachelor of Planning	37	35	22	29	-	123
II.	POSTGRADUATE COURSES						
1	Master of Planning (Urban Planning)	31	35	-	-	-	66
2	Master of Planning (Regional Planning)	14	14	-	-	-	28
3	Master of Planning (Environmental Planning)	11	16	-	-	-	27
4	Master of Planning (Housing)	23	25	-	-	-	48
5	Master of Planning (Transport Planning)	23	25	-	-	-	48
6	Master of Architecture (Architectural Conservation)	15	16	-	-	-	31
7	Master of Design (Industrial Design)	23	22	-	-	-	45
8	Master of Urban Design	21	25	-	-	-	46
9	Master of Landscape Architecture	21	24	-	-	-	45
10	Master of Building Engineering and Management	29	33	-	-	-	62
III.	Ph. D. PROGRAMME	96	-	-	-	-	96
	GRAND TOTAL:	476	390	119	144	96	1225

ENROLMENT OF STUDENTS ACCORDING TO GENDER DURING 2019-20

Course	Male	Female	Total
Undergraduate	275	408	683
Postgraduate	203	243	446
Ph. D. Programme	33	63	96
TOTAL	511	714	1225

RESERVATION OF SEATS

UNDERGRADUATE/ POSTGRADUATE PROGRAMMES

Scheduled Castes	(SC)	-	15% (Intake)
Scheduled Tribes	(ST)	-	7.5 % (Intake)
Other Backward Class	(OBC)	-	27% (Intake)
Economically Weaker Section	(EWS)	-	05%
Physically Challenged	(PH)	-	05% Seats for all post graduate Degree programs are reserved for physically challenged persons on horizontal basis, these will be adjusted against the respective reservations for OG, SC, ST, OBC and EWS categories as per provision of PwD reservation.
Armed Personnel	(AP)	-	2 Seats 1 each in B.Arch. & B. Planning (Wards or dependent of defence c paramilitary personal killed or permanentl disabled in action during war or peacetime operation (Category DS).
Kashmiri Migrant (In addition to the sanctioned intake).	(KM)	-	1 Seat each for UG courses and 2 Seats (one for Planning stream and one for Arch. Stream of PG).

ENROLLMENT

Statement showing the number of students enrolled under various reserved categories in Undergraduate, Postgraduate and Ph.D. Programmes during the Session 2019-20.

Courses by level of Education	General		SC		ST		OBC		NRI PIO		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA (Welfare)		CIWG		EWS		Total Enrollment (All Categories)		
	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	Boys	Girls	Total
1 Bachelor of Architecture	27	18	13	5	6	3	26	10	0	0	0	0	0	0	2	7	0	1	0	4	0	0	9	1	83	49	132
2 Bachelor of Planning	4	8	4	2	1	2	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	22	15	37
3 Master of Planning (Urban Planning)	6	11	1	4	2	2	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	19	35
4 Master of Planning (Regional Planning)	3	4	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	8	14
5 Master of Planning (Environmental Planning)	2	6	2	1	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	16
6 Master of Planning (Housing)	7	6	3	1	0	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	13	25
7 Master of Planning (Transport Planning)	7	6	4	0	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	10	25
8 Master of Architecture (Architectural Conservation)	5	2	0	3	0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	7	16
9 Master of Urban Design	7	8	1	1	2	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	12	25
10 Master of Design (Industrial Design)	4	8	2	0	0	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	22
11 Master of Landscape Architecture	3	9	0	4	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	17	24
12 Master of Building Engineering and Management	10	8	4	1	0	1	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	11	33
13 Ph.D. Programme	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15	19
TOTAL	89	109	37	22	11	14	75	39	0	0	0	0	0	0	2	7	0	1	0	4	1	0	11	1	226	197	423

2019-20

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 UNDERGRADUATE	31	26	17	7	7	5	36	13	0	0	0	0	0	0	2	7	0	1	0	4	1	0	11	1	169
2 POSTGRADUATE	54	68	20	15	4	9	39	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
3 Ph.D.	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
4 Total	89	109	37	22	11	14	75	39	0	0	0	0	0	0	2	7	0	1	0	4	1	0	11	1	423

NUMBER OF STUDENTS WHO SUCCESSFULLY COMPLETED VARIOUS COURSES DURING 2018-19 (MAY 2019)

Name of the Course	No. of Students Passed with Distinction		First Class		Second Class		Total		Grand Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Bachelor of Architecture	1	6	45	36	3	0	49	42	91
Bachelor of Building Science	4	4	0	0	0	0	4	4	8
Bachelor of Planning	2	3	15	8	0	0	17	11	28
Master of Planning (Urban Planning)	7	23	1	1	0	0	8	24	32
Master of Planning (Regional Planning)	6	9	0	0	0	0	6	9	15
Master of Planning (Environmental Planning)	5	9	0	0	0	0	5	9	14
Master of Planning (Housing)	8	16	0	0	0	0	8	16	24
Master of Planning (Transport Planning)	14	9	0	0	0	0	14	9	23
Master of Architecture (Architectural Conservation)	2	4	2	6	1	2	5	12	17
Master of Design (Industrial Design)	8	8	0	0	0	0	8	8	16
Master of Urban Design	7	10	3	2	0	1	10	13	23
Master of Landscape Architecture	3	8	2	11	0	0	5	19	24
Master of Building Engineering and Management	15	10	10	0	0	1	25	11	36
Ph.D. Programmes	4	7	0	0	0	0	4	7	11
Grand Total	86	126	78	64	4	4	168	194	362

CUMULATIVE OUT-TURN OF STUDENTS

The cumulative out-turn of the students qualified in various courses from the inception of the School till 2018-2019 is as follows:-

Name of the Course	Cumulative Out-turn		Total
	2017-2018	2018-2019	
Bachelor of Architecture	3456	91	3547
Bachelor of Building Science	9	8	17
Bachelor of Planning	528	28	556
Master of Planning (Urban Planning)	645	32	677
Master of Planning (Regional Planning)	316	15	331
Master of Planning (Environmental Planning)	303	14	317
Master of Planning (Housing)	582	24	606
Master of Planning (Transport Planning)	487	23	510
Master of Architecture (Architectural Conservation)	248	17	265
Master of Design (Industrial Design)	265	16	281
Master of Urban Design	472	23	495
Master of Landscape Architecture	567	24	591
Master of Building Engineering and Management	605	36	641
Ph.D. Programmes	55	11	66
Master's Degree Course in Urban and Regional Planning	140	-	140
Post-Graduate Diploma Courses in (equivalent to Master's Degree)			
i) Urban and Regional Planning	603	-	603
ii) Housing and Community Planning			
iii) Traffic and Transportation Planning			
TOTAL	9281	362	9643

THIRTY SEVENTH CONVOCATION

The Thirty Seventh Convocation of the School was successfully held on 13th November 2019. **Dr. Shekhar C. Mande**, Director General, CSIR and Secretary, DSIR, was the **Chief Guest** and **Prof. S.V. Sahasrabudhe**, Member, SPA Council, was the **Guest of Honour**. **Shri Prakash Javadekar, Hon'ble Minister of Human Resource Development**, addressed the students via video, as the Parliament was in session. **Dr. Amogh Kumar Gupta, Chairman, Board of Governors** of the School presided over the Convocation. The Chairman admitted 224 post-graduands, 119 graduands, 8 Bachelor of Building Science, and 11 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 2018-19:-

Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance at undergraduate and postgraduate studies. ABHIRAAMI T. (BEM/724) student of Master Programs in Building Engineering and Management and SOUMYA UTTAM (A/2756/2014) Student of Bachelor of Architecture 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.

- SHREY GARG (BEM/723) of Master of Building Engineering and Management.
- DEVYANI AGARWAL (EP/347) of Master of Planning with specialization in Environmental Planning.
- JAGNNATH DAS (TP/614) of Master of Planning with specialization in Transport Planning.
- ANKITA DAS (UP/1303) of Master of Planning with specialization in Urban Planning.
- AMAN SINGH RAJPUT (RP/1334) of Master of Planning with specialization in Regional Planning.
- GAURAV AGARWAL (H/589) of Master of Planning with specialization in Housing.
- TANUSHRI BAHL (UD/799) of Master of Urban Design.
- RITU SARA THOMAS (AC/809) of Master of Architecture with specialization in Architectural Conservation.
- ADITI SIT (ID/306) of Master of Design of Master of Industrial Design.
- RAKESH PARMAR (LA/618) of Master of Landscape Architecture.

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

- SONAALI BHATLA (A/2753/2014) of Bachelor of Architecture.
- HARSHIT KUMAR VARSHNEY (BP/673/2015) of Bachelor of Planning.

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

- CHRISHTOPHER GARHARD (A/2689/2014) of Bachelor of Architecture.
- TANMAY DEV SINGH (BP/691/2015) of Bachelor of Planning.

General Proficiency Prizes in Bachelor of Architecture was awarded to:

First Prize – SONAALI BHATLA (A/2753/2014),
Second Prize – ANASHWARA JAYAKUMAR (A/2673/2014).

General Proficiency Prizes in Bachelor of Planning was awarded to:

First Prize – HARSHIT KUMAR VARSHNEY (BP/673/2015),
Second Prize – SRIVATHSA A. (BP/690/2015).

FOUNDATION DAY – 2019

The Foundation Day of the School was celebrated on **15 November 2019**. **Prof. Veena Garella**, Guest of Honour, delivered the address on the Foundation Day. **Prof. Dr. P S N Rao**, Director of the School and other key officials of the School graced the occasion. During the function, the following awards and scholarships were given by Guest of Honour Prof. Veena Garella:

- **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 Parul Nayar (A/2961/2016) for the session 2018-19.
- **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 Nandan Bhusry (A/2843/2015) for the session 2018-19.
- **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 Ayushi Saxena (A/2909/2016) for the session 2018-19.
- **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 Srishiti Jauhri (A/2877/2015) for the session 2018-19.
- **KAJARIA MERITORIOUS STUDENT AWARD** (Three Awards) is given out of the endowment made Messors Kajaria Ceramics Limited and awarded for fifth year B.Arch. students who secure highest marks in order of their merit. The awards were given to the following students for the session 2018-19:

Sonaali Bhatla (A/2753/2014)
Anashwara Jayakumar (A/2673/2014)
Soumya Uttam (A/2756/2014)
- **APOORVA RUSTAGI SCHOLARSHIP AWARD** is an award given to girl student of Bachelor of Planning in the memory of Apoorva Rustagi and is awarded to a student of Third and Fourth year Bachelor of Planning course for the best overall performance. The award was given to Jyotesna Maurya (BP/675/2015) and Kajal Gupta (BP/707/2016) for the session 2018-19.
- **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 Aman Singh Rajput (RP/1334) for the session 2018-19.
- **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 Bala Nagendran M (LA/605) for the session 2018-19.
- **PROF. S.K. NARAYANA MEMORIAL ALUMNI GOLD MEDAL** is given out the endowment made in the memory of late Prof. S.K. Narayana, and is awarded to a student for the best "Thesis" in Building Engineering and Management. The award was given to Shrey Garg (BEM/723) for the session 2018-19.

- **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 2017-18 and 2018-19. The award was given to Abhiraami T (BEM/724) for the session 2017-19.
- **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. ShriyaAnand 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 Bala Nagendran M (LA/605) for the session 2018-19.
- **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 **Aditi Sit (ID/306)** and Moirangthem Jupiter Singh (ID/316) for the session 2018-19.
- **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 2017-18 and 2018-19. The award was given to Mayukh Raha (LA/612) for the session 2018-19.





2.

DEPARTMENT OF STUDIES

2.1 DEPARTMENT OF ARCHITECTURE

1. Academic programs offered by the Department

- Bachelor of Architecture
- Bachelor of Building Science
- Ph.D. programme in Architecture

2. Year of establishment of the Department

1941 as a Department of Architecture of the Delhi Polytechnic

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Areas of Specialization	CoA Reg. No.
PROFESSORS			
Ranjana Mital (Head of the Department)	B.Arch.; Ph.D.	Architectural Design, History of Architecture, Research in Architecture,	CA81/6196
Mandeep Singh	B.Arch.; M. Arch. (UD); Ph.D.	Architectural Design, Urban Design, Earthquake Resistant Architecture	CA/80/5693
Manoj Mathur	B.Arch.	Architectural Design, Building Construction, History of Architecture	CA-1984-8183
Aruna Ramani Grover	B.Arch.; M.Plan. (H); Ph.D.	History, Sustainable Design, Water Use and Cost-Effective Construction Technologies	CA/85/9502
Anil Dewan	Ph.D.; MBEM; B.Arch.	Hospital Design, Professional Practice, Project Management	CA/1983/07565
Jaya Kumar	B.Arch.; Ph.D.	Architecture	CA81/6122
ASSOCIATE PROFESSORS			
Leon Angelo Morenas	Ph.D.; M.Arch. (UD); B.Arch.	Urban Studies, Design Development, Science and Technology Studies, Theory of Design	CA/2011/51131
Shweta Manchanda	Ph.D.	Architectural Design, Energy Efficiency, Sustainable Design	COA/97/23712
Shuvojit Sarkar	Ph.D.; M.Plan.; B.Arch.	Design, Town Planning, Environment, Urban Ecology	CA/2004/32924
Prabhjot Singh Sugga (Since 13 July 2020)	MS (UP); B.Arch.	Structures, Disaster management, hospitality,	CA/2008/42234

ASSISTANT PROFESSORS			
S.K. Aditya	B.Arch.	Architectural Design	CA/88/11735
Dr. Rajaprakash P. (till June 2020)	B.Arch.; M. Arch.; Ph.D.	Architectural Design, Landscape Architecture, Site Planning, Theory of Design, Psychophysical Dimensions of Architectural Design and Landscape	CA/93/15532
Parul Kiri Roy	B. Arch.; MFA (History of Art)	Art and Architectural History and Theory, Vernacular Built Environments, Community Innovation, Design Pedagogies	CA/2001/28679
Sunil Prasad Shrivastava	M.E. (Civil Engg.)	Soil Mech. and Foundation Engineering	
Aarti Nagpal	Ph.D. (ongoing) ; M. Plan. (UP); B. Arch.; PGPCM,	Architecture and Urban Planning	CA/2009/45148
Arpita Dayal	B.Arch.; M. Arch. (UD)	Urban Design	CA/2007/39718
Anjali Mittal	B. Arch.; M.Sc. (City Design & Social Science),	Architectural Design, Urban Design, Urban Planning and Policy, Sociology	CA/2009/45148
Saptarshi Sanyal	Ph.D. (ongoing); M. Arch. (Conservation); B.Arch.	Architectural History, Knowledge Systems, Architecture and Visual Cultures	CA/2009/45861
Mekhla Parihar	M.Arch.	Environment Behaviour, Gender and Tribal Community, Displacement, Spatio-Cultural Dimesnsion	CA/2009/46924
Vandana Kothari	MFA	Painting, Print Making and History of Art	NA
ASSISTANT PROFESSOR (ON CONTRACT)			
Anuja Sharma	B.Arch.; M.Arch.	Architecture and Planning	CA/2011/53404
Balpreet Singh Madan	Ph.D. (ongoing), M.Arch; M.Sc. Project Management; B.Arch.	Project Management, Sustainable Architecture, Interior Design	CA/2010/48974
Gunjan Jain	B.Arch.; M.Plan.	Environment	CA/2005/35994
Kamini Singh	M.Arch.	Urban Design	CA/2012/55721

Kingson Swagiary	MFA	Finer Arts	
Mohd Rashideen Saifi	B.Arch.; MBEM	Project Management	CA/2014/64192
Nishant Gautam	B.Arch.	Sustainability, Vernacular and Low-Cost Architecture Digital Representation and Communication Design	65255
Shikha Indurkhya	B.Arch.; MURP	Healthcare Architecture, Interior Design, Sustainability	CA/2003/30877
Vandana Balakrishnan	M. Arch. (UD)	Humanities, Urban Design, Settlement Study, Design, Research	CA/95/18315

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Mandeep Singh	VII	Architectural Design (Studio) (Hotel)	8
	VII	Building Construction (Studio)	3
	VII	Design Tutorial	1
	X	ADTc- Tech Study (Studio)	4
	X	ADTa- Architectural Thesis (Studio)	6
	VIII	Internship Coordinator	2
Manoj Mathur	VII	Architectural Design	9
	VII	Working Drawings	3
	VIII	Practical Training Co-ordination	1
	X	Architectural Thesis	10
	IV	History of Architecture	2
Aruna Ramani Grover	V	History of Architecture 04	02
	IX	Architectural Design Studio	09
	IX	Urban Design Research Studio	02
	X	Architectural Thesis Research Lecture	01
	X	Architectural Thesis Technology Studio	02
	X	Architectural Thesis Design Studio	09
Anil Dewan	X	Professional Practice	5
	VIII	Studio- Choice Based Hospital Design	8

	IV	Elective- Universal Accessibility	2
Jaya Kumar	IX	Seminar, Design Studio	12
	X	Thesis Design, Thesis Research	12
	IV	Research guidance IV yr students (Theory)	2
		Research guidance Ph.D. scholars (Theory)	2
Ranjana Mital	VII	Architectural Design-large span studio	9
	III	History of architecture	2
	VIII	coordinator training semester	-
	II	history of architecture	2
	IV	history of architecture	2
	X	architecture thesis guide- studio	8
Leon Angelo Morenas	V	Architectural Design	9
	V	Design Methodology	2
	V	Arch. Research Elective	2
	V	Arch. Research- Seminar	5
	VI	Architectural Design	9
	VI	Architectural Theories	2
	VI	Art and Architectural Appreciation	3
Shweta Manchanda	V & VI	Architectural Design, Environmental Studies, Sustainable Urban Habitat, Architectural Appreciation, Design Tutorial	14
Prabhjot Singh Sugga	I	Theory of structures – studio	3
	III	Architectural Design studio	8
	III	Visual Arts and Basic Design	3
	IV	Active and Passive Design systems	6
	IV	Architectural Design studio	8
	X	Professional Practice	3
Rajaprakash P.	V & VI	Design Studio(Studio Director)+Tutorial	8+1
	III	Site Planning and Landscape Studies (Theory)	2
	III	Seminar (vii semester)	2
	VI	Design Studio (Studio Director)+ Tutorial	9
	II	Surveying and Leveling?	2

	II	Art & Architectural Appreciation (Theory)	2
Parul Kiri Roy	I	Architectural Design (S)	17
	I	Visual Arts and Basic Design (S)	
	I	Professional Communication (S)	
	III	Art and Architecture Appreciation (L)	
	III	History of Architecture (L)	
	II	Architectural Design (S)	16
	II	Visual Arts and Basic Design (S)	
	II	Computer Applications (S)	
	II	Sociology and Culture (L)	
	II	History of Architecture (L)	
Shuvojit Sarkar	I	Architectural Design	16
	I	Environmental Studies	
	IX	Advanced Building Construction, Elective	
	II	Architectural Design	14
	II	Climate Responsive Design	
	IV	Elective	
Sunil Prasad Shrivastava	I	Theory of Structures (Section A)	4
	I	Theory of Structures (Section B)	4
	I	Theory of Structures (Section C)	4
	I	Theory of Structures (Section B)	2
	I	Theory of Structures (Section A)	2
	II	Theory of Structures (Section A)	2
Arpita Dayal	I	Architectural Design	8
	IX	Seminar	5
	V	History of Architecture	2
Anjali Mittal	III	Arch. Design (Studio)	8
	I	Human Settlement and Vernacular Arch (Theory)	2
	III	Visual Arts and Basic Design (Studio)	3
	IX	Seminar	3
	IV	Arch. Design (Studio)	8

	II	Sociology and Culture (Theory)	2
	II	Professional Communication (Studio)	3
	IV	Visual Arts and Basic Design (Studio)	3
Aarti Nagpal	I & II	Building Construction	12
	I	Computer Applications	4
	VI	Sustainable Urban Habitat	2
	III & IV	Architectural Design	16
Vandana Kothari	I	Studio - Visual Arts & Basic Design - I	5
	III	Studio Visual Arts & Basic Design - III	6
	II	Studio - Visual Art & Basic Design - II	3
	IV	Studio - Visual Art & Basic Design - IV	6
	IV	Tutorial - Art & Architectural Appreciation IV & VI	6
Mekhla Parihar	III	Architectural Design	18
	III	Visual Arts Basic Design	
	III	Computer Applications	
	I	Theory of Design	
	I	Theory of Structure	16
	IV	Architectural Design	
	IV	Visual Arts Basic Design	
	IV	Computer Applications	
	II	Theory of Design	
Anuja Sharma	II	Theory of Design	8
	I	Building Construction (2 sections)	
	I & II	Computer Applications	3
	I	Workshop Practices	3
	I & II	Professional Communications (2 sections)	3
	II	Surveying and Levelling	3
Balpreet Singh Madan	IV	Architectural Design, Computer Applications, Building Services, Surveying and Levelling (Sem -1)	16
	III	Architectural Design, Computer Applications, Building Services, Building Management	16
	IV	Architectural Design, Computer Applications,	16

		Building Services, Visual Arts	
	III	Architectural Design, Computer Applications, Building Services, Visual Arts	16
	IV	Computer Applications, Architectural Structures,	12
Gunjan Jain	V	Building Construction	19
	V	Architectural Seminar	
	III	Water, Waste and Sanitation	
	V	Mech. Mobility	
	I	Professional Communication	
	II	Architectural Design	17
	II	Building Construction	
	VI	Sustainable Urban Habitat	
	IV	Lighting & Acoustics	
Kamini Singh	I	Architectural Design – 1	8
	I	Computer Application – 1	2
	I	Computer Application – 1	2
	V	Art and Architectural Appreciation	3
	IX	Urban Design Research (T)	1
	IX	Urban Design Research (S)	2
Kingson Swagiary	I	Visual Arts & Basic Design	8
	III	Visual Arts & Basic Design	8
	II	Visual Arts & Basic Design	6
	IV	Visual Arts & Basic Design	6
	IV	Art & Architecture appreciation	3
Mohd Rashideen Saifi	I	Architectural Design	8
	I	Building Construction	3
	I	Model making and Workshop	3
	VI	Specifications and Contracts	2
	IX	Project Management	4
	X	Professional Practice	4
Nishant Gautam	III & IV	Architectural Design AD 03 & 04 (Studio)	8
	III & IV	Computer Apps CA 03 & 04 (Studio)	3

	I & II	Computer Apps CA 01 & 02 (Studio)	2
	V & VI	Architectural Research EL03 & EL04 (Theory)	2
Shikha Indurkha	V	Architecture Design	8
	VII	Building Construction	3
	VII	Architecture Research	5
	VI	Architecture Design + Design Tutorial	9
	VI	Building Construction + Green Systems Integration	6
	I	Professional Communication	3
Vandana Balakrishnan	V & VI	Design Studio	8
	VI	Design Tutorial	1
	VI	Building Construction	3
	VI	Contemporary Architecture	2
	VI	Design Theories	2

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Mandeep Singh	II & IV	ID Design Jury Member	32 (total)
Leon Angelo Morenas		Gave one lecture for Elective on Smart Cities in the Department of Physical Planning	

6. Details of Teaching Work Undertaken by Visiting Faculty

S. No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hours/Week	
				Lecture	Studio
1	Abha Kohli	II	Visual Arts & Basic Design		6
		I	Visual Arts & Basic Design		10
2	Abid Husain	I	HVAC, Mech. Mobility & Fire Safety	4	
3	Ajay Vohra	I	Arch. Research (Elective)	2	

4	Akshay Goyal	I	Arch. Design		8
5	Akshay Shrinagesh	II	Arch. Design		8
		I	Arch. Design		8
6	Alok Sahdev	II	Specifications & Contracts	2	4
		I	Estimating & Costing	2	4
		I	Building Management		3
7	Amardeep Labana	II	Arch. Design		8
		II	Computer Applications		2
		I	Arch. Design		8
		I	Model Making & Workshop		3
		I	Arch. Research (Elective)	2	
8	Amit Hajela	II	Arch. Thesis		7
		II	Thesis Book		2
		II	Tech. Study	1	3
		I	Arch. Design		9
		I	Urban Design Research		2
9	Amit Khanna	II	Contemporary Architecture	2	
10	Amit Prabhakar	II	Arch. Design		8
		II	Professional Communications		3
		I	Arch. Design		8
		I	Professional Communications		3
11	Amit Sarma	I	Seminar		3
12	Amit Talwar	II	Arch. Research (Elective)	2	
		I	Arch. Research (Elective)	2	
		I	Elective	2	
13	Amitabh Shrivastav	II	Art & Arch. Appreciation		6
		I	Art & Arch. Appreciation		9
14	Anamika Bagchi	I	Urban Design Research		2
15	Anand Dhote	II	Arch. Design		8
		II	Building Construction		3
		I	Arch. Design		8

		I	Building Construction		3
16	Anita Dhar Kaul	I	Working Drawings		6
17	Ankit Shukla	I	Elective	2	
18	Anuj Mehta	I	Working Drawings		6
19	Anuj Mittal	II	Computer Applications		3
		I	Arch. Design		2
		I	Arch. Design		1
20	Anuj Srivastava	II	Professional Communications		3
		II	Building Construction		3
21	Anurag Gogna	II	Computer Applications		3
		I	Computer Applications		3
22	Aparna Kale	II	Visual Arts & Basic Design		3
23	Artika Aggarwal	II	Computer Applications		3
24	Arun Dev T.	I	Visual Arts & Basic Design		6
25	Ashok Grover (P)	II	Building Construction	3	9
		I	Building Construction	3	9
26	Ashwani Kumar Datta	II	Arch. Design		8
		II	Building Construction		3
		II	Building Construction		3
		I	Arch. Design		8
27	Asim Waqif	II	Visual Arts & Basic Design		3
		I	Visual Arts & Basic Design		5
28	Balachandar Baskaran	I	Elective	2	
29	Debashish Majumdar	II	Arch. Design		8
		I	Arch. Design		8
30	Deepak Bhatia	I	Elective	2	
31	Deepti Gupta	II	Arch. Design		8
		I	Arch. Design		9
32	Dhiraj Kumar Khanna	II	Building Construction		3
		I	Building Construction		6
33	Francis Joseph	II	Visual Arts & Basic Design		3

		I	Visual Arts & Basic Design		6
34	Gaurav Sharma	II	Arch. Design		4
		I	Arch. Design		3
35	Gaurav Shorey	II	Green Systems Integration	2	
		I	Elective	2	
		I	Seminar		3
36	Gaurav Shorey	I	HVAC, Mech. Mobility & Fire Safety	2	
37	Gauri S Gandhi	I	Arch. Design		8
		II	Arch. Design		8
38	Girish Misra	I	HVAC, Mech. Mobility & Fire Safety	2	
39	Gunmeet Kaur	II	Arch. Design		4
		II	Building Construction		3
		II	Arch. Research (Elective)	2	
		I	Water, Waste & Sanitation	4	
40	H R Malik	II	Specifications & Contracts		4
41	Harmeet	I	Visual Arts & Basic Design		3
		I	Computer Applications		3
42	Jasmeet Singh	I	Working Drawings		6
43	Kailash Chand Yadav	II	Theory of Structures		9
		I	Theory of Structures		2
		I	Theory of Structures		4
		I	Art & Arch. Appreciation		6
44	Kalpana Sethi	I	Working Drawings		3
45	Kamal Raj Arora	II	Professional Practice		2
		I	Arch. Design		8
46	Kapil Mathur	II	Arch. Design		8
		II	Computer Applications		2
		II	Surveying & Leveling		3
		I	Arch. Design		8
		I	Model Making & Workshop		3

47	Khushal Matai	II	Green Systems Integration	2	
48	Koogela Anandamani	I	Urban Design Research		2
49	M L Bahri	II	Arch. Thesis		7
		II	Tech. Study		3
		II	Professional Practice		2
50	Manish Gulati	I	Arch. Design		6
51	Manish Jain	II	Specifications & Contracts		2
		I	Estimating & Costing		2
		I	Building Management		3
52	Manjari K Kapoor	II	Arch. Design		12
53	Manjari Khanna	I	HVAC, Mech. Mobility & Fire Safety	4	
54	Manoj Mittal	I	Building Management		3
55	Meena Murthy Kakkar	I	Seminar		3
56	Meera Soni	II	Professional Communications		3
		I	Computer Applications		2
		I	Professional Communications		3
57	Mohd. A Pasha	II	Building Construction		3
		I	Building Construction		6
58	Mohit Verma	I	Arch. Design		8
59	Moti Bahri (P)	I	Working Drawings		3
		I	Arch. Design		9
60	Mousumi Biswas (P)	II	Theory of Structures	6	6
		I	Theory of Structures	6	6
61	Mukesh Jain	II	Theory of Structures		4
62	Mukesh Kumar Jain	I	Theory of Structures		4
63	Naresh Kumar	II	Visual Arts & Basic Design		6
		I	Visual Arts & Basic Design		5
64	Neerja Tiku	I	Arch. Design		8
65	Nimit Gandhi	II	Arch. Design		7
		II	Computer Applications		3

		II	Specifications & Contracts	1	2
		I	Arch. Design		8
		I	Elective	2	
66	Nitin Singla	I	Building Management		3
67	P R Mehta	II	Professional Practice	2	2
68	Parul Walecha	II	Professional Communications		6
		II	Theory of Structures		3
		I	Theory of Structures		2
		I	Professional Communications		6
69	Pavan Buragohain	II	Visual Arts & Basic Design		6
		I	Visual Arts & Basic Design		10
70	Pavan Kumar Gupta	I	Project Management		4
71	Pawan Tandon	II	Building Construction		6
		I	Building Construction		6
72	Peu Banerjee	II	Arch. Design		8
		I	Arch. Design		8
73	Prabir Kumar Das	I	Art & Arch. Appreciation		3
74	Prasanta Mukherjee	II	Visual Arts & Basic Design		6
		I	Visual Arts & Basic Design		10
75	Pravat M	II	Visual Arts & Basic Design		3
76	Punit Sethi (P)	II	Building Construction	3	9
		I	Building Construction	3	9
77	Radhika Vishwanathan	I	Arch. Design		8
		I	Building Construction		3
		II	Arch. Design		9
78	Rahoul B Singh	II	Arch. Thesis		7
		II	Thesis Book		2
		I	Arch. Design		9
79	Rahul K Patel	II	Theory of Structures		4
80	Rahul Patel	I	Theory of Structures		2
		I	Theory of Structures		2

		I	Estimating & Costing		2
81	Rahul Sen	II	Arch. Thesis		7
		II	Thesis Book		2
82	Rajeev Agarwal	II	Arch. Thesis		7
		II	Tech. Study		3
		I	Arch. Design		8
83	Rajeev Mahajan	II	Theory of Structures		6
		I	Theory of Structures		6
84	Rajiv Bhakat	II	Architectural Theories	2	
85	Ravi Kaimal	I	Arch. Design		8
86	Ravindra Singh Verma	II	Professional Practice		2
87	Ravindra Swaroop	I	Theory of Structures		4
88	Reema Jain	II	Theory of Structures		2
		I	Theory of Structures		2
		I	Arch. Research (Elective)	2	
89	Reeta Sanyal	II	Theory of Structures		2
		II	Theory of Structures	2	9
		I	Theory of Structures		2
		I	Theory of Structures	4	6
90	Richard A Barraud (P)	II	Arch. Design		8
		II	Building Construction	1	3
		I	Arch. Design		8
		I	Building Construction	1	3
91	Rohit Jain	II	Professional Practice		2
		I	Building Management		3
92	Roohan Segel	II	Visual Arts & Basic Design		3
		II	Visual Arts & Basic Design		3
		II	Art & Arch. Appreciation		3
		I	Visual Arts & Basic Design		5
		I	Visual Arts & Basic Design		3
93	Sachin Rastogi	II	Arch. Design		4

		I	Arch. Design		4
94	Sambuddha Sen	II	Arch. Thesis		7
		II	Thesis Book		2
		I	Arch. Design		9
95	Sandal Kapoor	I	Arch. Design		3
		I	Project Management		4
96	Sandip Kumar	II	Arch. Thesis		7
		II	Thesis Book		2
		I	Arch. Design		9
97	Sanjay Bhardwaj	II	Arch. Design		4
		I	Arch. Design		4
98	Sanjay Mehra	II	Building Construction		6
		I	Building Construction		6
		I	Elective	2	
99	Sarah Kaushik	II	Visual Arts & Basic Design		3
		II	Visual Arts & Basic Design		3
		I	Visual Arts & Basic Design		5
		I	Visual Arts & Basic Design		3
100	Satish Kumar Khanna	II	Arch. Thesis		7
		II	Tech. Study		3
		I	Arch. Design		9
101	Savinder Anand	II	Arch. Design		7
		I	Working Drawings		6
102	Shaily Gupta	II	Building Construction		3
		II	Contemporary Architecture	2	
103	Shaista Perveen	II	Computer Applications		2
		II	History of Architecture	2	
		II	History of Architecture	2	
		II	Art & Arch. Appreciation		6
		I	Computer Applications		2
		I	History of Architecture	2	

		I	Art & Arch. Appreciation		6
		I	Arch. Research (Elective)	2	
104	Shiriesh Malpani	II	Arch. Thesis		7
		I	Arch. Design		9
105	Shridhar	I	Computer Applications		3
	Shrila Gupta	I	Urban Design Research		2
106	Shruti Maheshwari	II	Specifications & Contracts	2	4
		I	Estimating & Costing	1	2
107	Sonia Kapre (P)	I	Arch. Design		2
		I	Working Drawings		6
		I	Project Management		4
108	Suneet Mohindru	II	Arch. Thesis		7
		II	Thesis Book		2
		I	Arch. Design		9
109	Suparna Ghosh	II	Arch. Design		4
110	Sushant Jain	II	Computer Applications		2
		II	Professional Communications		3
111	Sushil Aggarwal	II	Arch. Thesis		7
		II	Tech. Study		3
		I	Arch. Design		8
112	Tanay Jaithalia	II	Arch. Design		8
113	Taniya Sanyal	II	Building Construction		6
		I	Building Construction		6
114	Tanuja B K	II	Arch. Thesis		7
		II	Tech. Study		3
115	Taranjit Singh Chandpuri	II	Arch. Research (Elective)	2	
		I	Arch. Design		8
116	Tarun Kumar	II	Arch. Design		8
		I	Arch. Design		8
	Tina Bali	II	Arch. Design		4

117		I	Site Planning & Landscape Studies	2	
		I	Arch. Design		4
118	Tushar Agrawal	II	Professional Practice		2
119	Urmimala Guha	II	Building Construction		3
		I	Professional Communications		3
		I	Building Construction		3
		I	Working Drawings		6
		I	Building Construction	2	
120	Varun Seth	II	Professional Practice		2
		I	Building Management	1	3
121	Vijay Garg	II	Building Construction		3
		II	Building Construction		6
		I	Building Construction		3
		I	Working Drawings		6
122	Vijay Matange	II	Arch. Thesis		7
123	Vikas Kanojia	I	Urban Design Research	1	2
124	Vishal Kakkar	I	Working Drawings		6
125	Vishal Ranjan	II	Visual Arts & Basic Design		6
		I	Visual Arts & Basic Design		10
126	Vivek Varma	II	Building Construction	2	6
		II	Professional Communications		3
		I	Building Construction	2	6
		I	Professional Communications		3

7. Details of the Studio Work Undertaken by Students

Semester	Section	Title of the Studio Assignment and Brief Description	Name of Studio Director
I	A	<p>1. Measured Drawing at Mandu, MP 2. Personal Space in a volume of 21cu.m. (7mX7mX7m)</p> <ul style="list-style-type: none"> In the first year architecture emphasis is given to primarily to skill development. Hence after a few weeks of various orthographic and drafting skill development exercise measured drawing of various monuments in Mandu was taken up to understand various architectural elements and to hone the drawing and drafting skills of the students. The final design exercise was to design a personal space for the students themselves by subtractive and additive process of a volume of 21cu.m. (7mX7mX7m) 	Dr. Shuvojit Sarkar
	B	<p>Self-Body-Space (Study-Agra and Fatehpur Sikri, Uttar Pradesh)</p> <p>The theme Self-Body-Space was about self-reflection and investigation of the human body-measurements, posture, activity and movement with respect to the built environment. The aesthetics of the built form as an outcome of the processes of use and of making in relation to human scale, was the key thought driving the 'learning to draw' module undertaken at Fatehpur Sikri .The ability to understand how people use everyday objects and inhabit space was developed through carefully carried out observational studies. The culmination of the studio was with designing a 'pod 'for oneself after contemplative selection of context, site, activities, aesthetic expression and materiality.</p>	Parul Kiri Roy
	C	<p>Spatio-parkour and spatial Exploration within a cube</p>	Arpita Dayal
II	A	<p>Dhanyakuria Visitors Centre at Dhanyakuria, West Bengal, India</p> <p>The exercise was to design a place for visitors / tourists in Dhanyakuria for orientation, understanding and conservation of architectural heritage in Dhanyakuria, particularly the mansions built by the rich merchants and landlords in the past, some of which we studied on our educational trip there.</p>	Dr. Shuvojit Sarkar

	<p>B</p> <p>Space-Shelter-Experience. (Study-Jodhpur, Rajasthan)</p> <p>The key theme was to understand various aspects of human interaction with space, to eventually recognize architecture as a setting for 'lived experience'. The first set of exercises attempted to train the mind in abstract conceptualisation of space through perspective drawings and an understanding of light, shade and shadows through observation and projection drawings. The larger part of the studio time was spent on investigating human behaviour in the built environment through observational studies in Jodhpur. Mapping the use of space for everyday activity of people within homes, and the use of community spaces (street-chowks) within the neighbourhood was the major task during the study tour. The students understood the intrinsic connection between the lives of people, their dwelling and their city. The design project 'Local Knowledge Archive or Display Retail Centre' was to be a place for city people and the visitor. Focus was on realising that the built form is an outcome of functional use, climatic response, aesthetic aspirations and the geometries of construction thus creating the desired language of architecture.</p>	<p>Parul Kiri Roy</p>
	<p>C</p> <p>Spatial Exploration:</p> <p>1. Skill development</p> <p>2. First Main exercise - Measured Drawings: Jaisalmer, Jodhpur, Rajasthan , Second Main Exercise: First design problem – Visitors' Centre in Jaisalmer</p> <ul style="list-style-type: none"> • The studio programme was centred on facilitating an understanding of architectural spaces, their creation, and the methodologies to represent them. To begin with skill development exercises were taught, following by the trip to Rajasthan. • This measured drawing project was aimed at teaching observational, experiential and representational skills, culminating in group studies of the cenotaphs at Bada Bagh, just outside Jaisalmer. • In the second half of the semester for the first major design project – two locations were selected – Bada Bagh and Jaisalmer Fort, in which the students designed a visitors' centre. The programme focus was to give them an initial understanding of the design process - case studies, site analysis and design articulation of a facility of simple functions. Being second semester students, the emphasis remained on design freedom, and of course presentation. 	<p>Richard A. Barraud</p>

III	A	<p>1. Architectonics of Moradabad Design</p> <p>2. Exploring a new way of Urban Life, Sector- 17, Chandigarh</p> <p>Search for a New-Vernacular: Series II The second year studio aimed to re-evaluate the vernacular in search of a new framework that is more inclusive in its approach in understanding the process of spatializing culture, as a dynamic system rather than static. Through the specific case of craft of Brass in Moradabad it reiterates that the vernacular is actually about the everyday, mundane and the ordinary in contradiction to its limited association primarily with aesthetics and materiality in architectural studies.</p> <p>Design Intervention The design exercise involved the proposal of a single-family residential unit along with a public and craft-based component. The idea was to develop a multi activity, multi usage space that comes from the socio-economic context of the city. A response to the immediate context, the climate of the place and the materiality of the built form were significant parameters during the design process.</p>	Anjali Mittal
	B	<p>1. Vernacular study of weaver’s community at Maheshwar, Madhya Pradesh</p> <p>2. House Design based on student’s choice of site</p> <p>The students visited Maheshwar for the Vernacular Settlement Study and did a number of short termed exercises to understand the Indian context and various influences on the architecture of the times. Based upon their understanding, students were encouraged to study the vernacular of the region they grew up at. Making a deliberate attempt to steer them away from the prevalent urban generalities of form, function and material, they studied the impact of environment on the art, architecture and culture of the region of their choice and create a client profile leading to designing a house with an area not greater than 1000 sq.m.</p>	Mekhla Parihar
	C	<p>Art Village in Tikkar Area, Morni Hills (Panchkula).</p> <p>Designing an Artist retreat in the Shivalik hills near Panchkula that compliments the nature and vernacular architecture of the region. A study of local architecture followed the design project on two sites near lake. Emphasis was laid on spatial aspects addressing site planning, clustering of functions, slopes, privacy issues, material, etc.</p>	Prabhjot Sugga

IV	A	<p>1. Architectonics of Moradabad Design</p> <p>2. Exploring a new way of Urban Life, Sector- 17, Chandigarh</p> <p>Architectonics of Moradabad Design Students were asked to assess their previous semester design and develop it architectonically in this semester. Parameters to be considered to create individual design objectives and intentions were: Anthro, space planning, structure and structural systems, materiality, services and facade. The final outcome was a panel with 3-D 1:25 wall section drawing and a mid-term review.</p> <p>Spatial Rejuvenation: Exploring a new way of Urban Life Site: Sector 17, Chandigarh</p> <p>The design of an urban stretch at the heart of Chandigarh focused on the following design themes/explorations:</p> <ul style="list-style-type: none"> • Response to historic context. • Future spaces • Static vs Dynamic spaces • Role of technology • Vision for the site. <p>The project included the design of public spaces with should be a collection -spaces of knowledge, spaces of exchange, spaces of consumption, and spaces of appreciation. These could overlap, intersect, diverge, converge, coincide, segregated depending on the design intentions of individual students based on their understanding and reading of the context.</p>	Anjali Mittal
	B	<p>Cultural Centre at Purana Qila, New Delhi</p> <p>Triangular open space outside Purana Qila in New Delhi was the proposed site for studio project. The total site area is 7500 sq.m. Based on individual understanding of context and need of site, each student was free to explore the public space based on their analysis and interpretation of current and future requirement of area. Since every function was different, students developed their individual area programs. They referred to various standards such as times saver standard and also explored case studies of similar functions existing internationally and in local context. To maintain a similarity within class, students were asking to do a minimum built up of 3000 sq.m with initial ground coverage capped to 20%-30%. However, some students have explored the option of going higher in terms of ground coverage too.</p>	Mekhla Parihar

	C	<p>1. Pre-Primary School Inclusive of Children with Special Needs An Extension to RAK Child Care Centre, Lady Irvin College, New Delhi.</p> <p>2. ‘UNDER THE ELEVATED’: Ideas project for possible uses of space under the Elevated Rail Corridor in the city of Rohtak</p> <ul style="list-style-type: none"> • The extension to legendary pre-primary school building at RAK designed by Architect J A Stein took material and structural systems approach. After studying primary materials, students explored the structural possibilities of that material and derive aesthetics out of the form generated by understanding of material and structure. A site visit and interaction with RAK faculty sensitized our students to the needs of children, particularly one with special needs. The program was minimal with two classrooms, multipurpose hall and administration and how the new design connects to existing building. • This project intends to propose possible use(s) and their conceptual designs under the long and narrow elevated stretch of rail corridor passing right through the middle of Rohtak city. The elevated stretch is built on Rohtak-Gohana line to bye-pass four major road crossings and ease traffic congestion. The proposal requires creative and innovative ideas for built/unbuilt spaces below the two stretches of elevated track portion measuring 455 meters and is just 12 meters wide. The project had an overlap with visual arts studio. 	Prabhjot Sugga
V	A	<p>Integrated Design Schematics Studio</p> <p>1. Redesign of the National Archives Annexe, Delhi [or]</p> <p>2. Redesign of the National Brain Research Center, Manesar</p> <p>A central concern of the Integrated Design Schematic Studio is the relationship between architectural concepts and intentions and subsequent decisions in material selection, detail, structure, and systems integration. So, particular emphasis was placed on the clear articulation of architectural concepts or ideas for the project and its mutual determination with the urban context (its condition and dynamics, the history and trajectory of its development, and the people who lived there), the climate and orientation of the project, the site conditions and its topography, the organizational logic of the building, and the influence of structure, systems, circulation, spatial order, and so on.</p>	Dr. Leon A. Morenas

	B	<p>Student Innovation Centre, IIT Jodhpur</p> <p>A design exercise involving a multifunctional public building set in the context of the study was employed. The engagement helped comprehension of program development and design methodology, with articulation of a multi-use and multi-user program focusing on programmatic relationships, site and the context as a moderator of urban space. The use of passive design principles was central in facilitating the design relationships.</p>	Dr. Shweta Manchanda
VI	A	<p>Integrated Design Development Studio</p> <p>Students were asked to choose any competition project that had been shortlisted but not the winning entry in order to design the scheme into the design development phase. Projects included Museums, Cultural Centers and Educational Facilities.</p> <p>The studio's emphasis was on the refinement and making of a building using processes through which designs continue to gain conceptual strength and clarity over time. Technical resolution and an understanding of the interrelationship between systems, components, performance, and design were central. During the design development phase, it is generally expected that the systems integration and detailed development of architectural projects support and enlarge the original ideas and intentions. Though the studio was focused on the integration of building systems including codes, means of egress, structure, envelope, storm water drainage, water recycling, HVAC (heating, ventilation, air conditioning), lighting and site development, the properties and aesthetics of materials and construction were equally important considerations in influencing design decisions.</p>	Dr. Leon A. Morenas
	B	<p>1. Redesign of Nirman Bhawan, Office Complex 2. Redesign of Ansal Plaza Commercial Complex</p> <p>Design of a medium to high-rise building in a dense urban setting. The problem attempted to reimagine a comprehension of the framework that outlines a successful building delineation including, the efficiencies of space, structure, and services, in relation to sustainable goals of the urban environment.</p>	Dr. Shweta Manchanda

	C		Dr. Raja Prakash
II	A	<p>Cricket Stadium at Ghaziabad</p> <p>A choice-based studio, the emphasis was on appreciating the important connection between architecture structure and services in good design.</p> <p>With six semesters of design behind them it is assumed that the students are aware of the fundamentals of good design and the importance of smart presentation.</p> <p>Therefore, in this studio, we were not looking for just a functional building or even a green building. Students were expected to exploit their understanding of all this along with a relatively new aspect- the structure or the skeleton of the form- to raise the 'design' bar. The semester project was a cricket stadium in Ghaziabad.</p> <p>They were expected to be able to use softwares such as Rhino, Grasshopper etc to be able to design a contemporary stadium with all the requirements of energy efficiency etc that is imperative for large structures today.</p> <p>As with the largespan studios in the past, the studio was a success with our students bringing back the first prize in the INSDAG students desi competition</p>	Dr. Ranjana Mital

	B	<p>LARGE SPAN.</p> <p>Welcome to the studio. This is a DESIGN studio but with a difference- some of the difference will rest on the programme of course but a considerable part will be on how we conduct the studio, indeed our very lives. So, hope you are looking forward to a semester of sheer design- extreme may-be (or at least partly), crazy maybe or even impractical but above all one where you push the limits of your own design abilities. In your previous semesters, you have already been introduced to the essentials of good design including respecting the context, environment and anthropometrics. You are savvy about the fundamentals of good design and the importance of smart presentation. However, in this studio, we are not looking for just a functional building or even agreeen building; that is a given or pre-requisite . We are expecting you to exploit your understanding of all this along with a relatively new aspect- the structure or the skeleton of your form- to raise the 'design' bar. Indeed, you are expected to soar beyond your own expectations. This is about appreciating the important connection between architecture structure and services in good design.</p> <p>STUDIO PROJECT</p> <p>The semester project is a cricket stadium in Ghaziabad.It is also what INSDAG is expecting their student competitors to engage with.We will work initially in groups of 2 and then detail some part of the stadium individually. You are expected to be able to use softwares such as Rhino, Grasshopper etc to be able to design a contemporary stadium with all the requirements of energy efficiency etc that is imperative for large structures today. All of you will be expected to send in your entries and at least 3 groups are expected to win ! Therefore, choose who you want to work with as this is to be done in groups of 2 students INSDAG expects each participant to register so please do so asap. Other than the stadium design, there will also be some time problems through the Semester where you will play with large span design.</p> <p>HOLIDAY ASSIGNMENT STADIUM CASE- STUDY</p> <p>Your assignment to be done in groups of two is about getting you to look at case studies not only to study the building type but also to spark your imagination and help you imagine and design a great stadium You are expected to study one stadium from the list provided.</p> <p>SITE- VISIT GOA- CASE- STUDY</p> <p>A visit to the Institute at Taleigao, Goa as a learning opportunity with Practical Training</p>	Prof. Mandeep Singh
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IX	A&B	<p>Redevelopment of Community Centre Precincts in New Delhi</p> <p>Delhi is slated to be one of the largest urban agglomerations of the world in the near future. Due to peculiar geographic location of the Union Territory of Delhi, there is limited land availability for urban development. As a consequence one of the strategies proposed in the Master Plan for Delhi 2021 is redevelopment and re-densification of low density areas by enhancing existing FAR by 50%.</p> <p>Keeping this strategy in view the semester projects looked towards the re-development of three Community Center precincts and the residential areas around it. The community centers of New Friends Colony, Janakpuri and Vikaspuri presented us with different socio- cultural, architectural and urban conditions. Consequently, the design approaches were developed as a specific response to their individual locations. Towards this end an understanding of the site was done through detailed on site surveys coupled with in-depth case studies of similar project. The final projects included a mix of retail, commercial, social and housing typologies.</p>	<p>Dr. Aruna Ramani Grover</p> <p>Dr. Jaya Kumar</p>
X	A&B	<p>Thesis</p> <p>Architectural Thesis is the culmination of the development of the student's knowledge, attitudes and skills over the course of studies in architecture. It calls for exercising conscious choices in the field, based on the student's personal abilities and inclinations, and for testing out his/her commitment. The student, in consultation with the faculty, demonstrates through an imaginative approach, his/her expertise in effecting positive changes in our built environment. The Architectural Thesis is more than just a project. It needs to be grounded in a proposition, which then becomes a basis for the stand, argument or position that is advanced.</p> <p>A proposition is a statement or assertion that expresses a judgement or opinion on a phenomenon or condition. However, the proposition in an Architectural Thesis must be an opinion on a phenomenon or condition of the built environment. The carefully selected architecture project becomes the vehicle to demonstrate the proposition and the solution created becomes unique due to the symbiotic relationship between the two.</p>	

8. List of Thesis Topics

S. No.	Name of The Student	Thesis Topic	Name Guide
1	Abhishek V. T.	Inland Marina and Cultural Center Alleppey, Kerala.	Ranjana Mittal
2	Akshita Arya	Cultural Art Centre, Dwarka, New Delhi.	Anil B. Jain
3	Anshul Kumar	International Convention Center, Prayagraj.	Anil B. Jain
4	C. Dheeraj Venkata Manikanta	Canal Oriented Development, Vijayawada, Andhra Pradesh.	Anil B. Jain
5	Chakshu	Integrated Civic Centre.	Anil B. Jain
6	Daksh Kalra	Swarit Music Centre.	Ranjana Mittal
7	Kataru Venkata Sai	300 Bed Super Speciality Hospital, Agra.	Ranjana Mittal
8	Saumya Kalra	College Campus: University of Delhi, Surajmal Vihar.	Anil B. Jain
9	Shreya Das Monalisa	National Martial Arts Academy, Sector 25, Chandigarh.	Anil B. Jain
10	Soumya Uttam	Campus of Ambedkar University, New Delhi.	Ranjana Mittal
11	Sunakshi Jain	Tansen Sangeet Kala Kendra, Gwalior, MP.	Ranjana Mittal
12	Heerali Singh	Worker's Housing and Community Facilities for a Tea Estate.	Mandeep Singh
13	Jribh Shandilya	Football Stadium and Sports Complex, Dwarka, Delhi.	Sandip Kumar
14	Kamya Khandelwal	Cultural Landscape Development, Mansagar Lake, Jaipur.	Mandeep Singh
15	Nimisha Saraf	Mixed Use Project, Lado Sarai: Finding The Lost Connections.	Sandip Kumar
16	Prakriti Malhotra	Re-Interpreting Sustainability in Dubai, Community School, JLT, Dubai.	Mandeep Singh
17	Samyak Jain	Center for International Research on Human Unity, Auroville.	Mandeep Singh
18	Sonaali Bhatla	Altering the Nallah Interface: Mixed Use Development Along the Najafgarh Nallah in New Delhi.	Sandip Kumar
19	Sonalika Arora	Hari Nagar Sub District Centre.	Sandip Kumar
20	Tushar Basumatary	Bodoland Art and Cultural Heritage Centre, Kokorajhar, Assam.	Mandeep Singh
21	Vedanth Misri	Redevelopment of Wholesale Market, Okhla Mandi, Delhi.	Sandip Kumar
22	Yarra Surya Teja	Canalfront Development Kakinada, Andhra Pradesh.	Sandip Kumar

23	A. V. Dipen Kumar	Lachung Tourist Centre, Lachung, Sikkim.	Mandeep Singh
24	Aakanksha	Redevelopment of Tis Hazari District Court Complex.	Satish Khanna
25	Alok Tirkey	Transit Oriented Development Of Integrated International Convention and Civic Center Dhurwa Ranchi.	Satish Khanna
26	Anashwara Jayakumar	Mixed-Use Arts Hub-Kochi, Kerala.	Aruna Ramni Grover
27	Christopher Gerharot	National War Museum, New Delhi - the Journey of a Nation.	Aruna Ramni Grover
28	Gokul Goyal	Place-Making in Jaipur Urban Centre, Jaipur.	Aruna Ramni Grover
29	Hilor Sharma	The Prime Minister Museum, New Delhi.	Aruna Ramni Grover
30	Patil Chirantan Makarand	Urban Land Recycling - Redevelopment of Shakti Mill Compound, Mumbai.	Aruna Ramni Grover
31	Revathi Anandan	Muziris Maritime Museum, North Paravur.	Aruna Ramni Grover
32	Thodupunuri Gopi Krishna	Hyderabad Habitat Centre, Hyderabad.	Satish Khanna
33	Thrishall S.	Mixed-Use Interchange Hub, Chennai Central.	Aruna Ramni Grover
34	Anshu Pal	Textile Studio & Training Center, Maheshwar - a Translation of Cultural Tradition into Architectural Framework.	Suneet Mohindru
35	Gulshan Sahzeda K. A.	300 Bed Hospital, Calicut, Kerala.	Rajeev Agarwal
36	Iswarya M. Mohan	National Science Center, Kottayam.	Rajeed Agarwal
37	J. Arjun	Vellar Crafts Village, Thiruvananthapuram.	Suneet Mohindru
38	Jasmine Arora	Design for Design - East Campus, GGSIP University, Surajmal Vihar, New Delhi.	Suneet Mohindru
39	Koripelly Sneha Reddy	Socio-Cultural Centre, Hyderabad, Telangana.	Suneet Mohindru
40	Nuti Naga Tarun	International Boarding School at Amaravati, Andhra Pradesh.	Rajeev Agarwal
41	S. Munawar Irfaan	Residential School At Chennai.	Suneet Mohindru

42	Simran Dayal	Skill Upgradation Centre, Kota, Rajasthan.	Suneet Mohindru
43	Sonakshi Gambhir	The Senior Wellness Town- An Integrated Intergenerational Healthcare Community, Greater Noida, UP.	Suneet Mohindru
44	Isha Agarwal	Research Facility, IIT Kanpur.	Suneet Mohindru
45	Abhirami Indu Valsaraj	Centre for Transgender Community Empowerment, Kozhikode, Kerala.	Amit Hajela
46	Annapureddy Meghana	Inclusive Mixed Housing, Hyderabad.	Amit Hajela
47	Kshitiz Mor	International Cruise Terminal, Ballard Pier Mumbai.	Amit Hajela
48	Mausam Jamwal	Nirmal Chhaya Complex, Janakpuri: Rehabilitation Shelters for Distressed Women.	Amit Hajela
49	Mullapudi Venkata Sai Sashank	Rehabilitation Center for De-Addiction and the Clinically Depressed, Visakhapatnam.	Amit Hajela
50	Mynasabgari Sharifunnisa	National War Museum, New Delhi.	Amit Hajela
51	Sourabh Yadav	Indian Institute of Baudha Darshan and Monastic School.	Amit Hajela
52	Spandan Das	Kolkata Museum of Modern Art, Kolkata West Bengal.	Amit Hajela
53	Swarnim Chandra	NDMC School, Lodhi Colony, New Delhi: Redesigning Through Alternative System.	Amit Hajela
54	Vaibhav	National Center For Arts, IGNCALawns, New Delhi.	Amit Hajela
55	Vitesh Bansal	Juvenile Correctional Centre, Narela.	Amit Hajela
56	Saket Prakash (Arch Thesis)	Approaching Inner City Redevelopment: Redevelopment of Chira Bazaar, Kalbadevi, Mumbai.	Shiriesh Malpani
57	Aakash Jain	Live. Work. Play. - Mixed Use Development for Millennials.	Rahoul B. Singh
58	Anshu Bhardwaj	Kashi Muuseum Center for Philosophical Discourse Varanesi, U.P.	Rahoul B. Singh
59	Arindam Raj Nirala	Varanasi School of Music and Performing Arts, Varanasi, U.P.	Rahoul B. Singh
60	Pawan Kumar Mishra	International Indoor Velodrome, Lucknow.	M.L. Bhari
61	Pooja Gupta	Mughal Museum, Agra.	Sanjukkta Bhaduri

62	Rishav Das	Architecture for The Visually Impaired: Integrated Educational Campus for Students of Various Degrees of Visual Ability.	Rahoul B Singh
63	Shivam Kumar Sahu	Integrated Bus Terminal, Jabalpur.	M.L. Bhari
64	Sumit L. Gade	Exploring Architecture for Improving Education Culture, School at Narela- Sector A7, Delhi.	M.L. Bhari
65	Surapaneni Amulya	Gateway to Amaravati - Riverfront Business Hotel at Vijaywada, Andhra Pradesh.	Rahoul B. Singh
66	Swapnil Dangri	Kashi Museum Centre for Philosophical Discourse Varanasi U.P.	Rahoul B. Singh
67	Vicky Kumar Roy	Forest College and Research Institute, Munger, Bihar.	Rahoul B. Singh
68	A Anusha	Sczcc, South Central Zone Cultural Centre, Nagpur	Manoj Mathur
69	Abhinav Ankur	5 Star Hotel, Ranchi.	Manoj Mathur
70	Anwasha Sarangi	Mimansa - Museum of Kalinga Temples, Bhubaneswar.	Manoj Mathur
71	Arnav Jain	Noida Cultural and Convention Center, Sec-33A, Noida.	Sambudha Sen
72	G. Anusha	Kakatiya Kala Kshetram - Heritage Museum and Cultural Landscape, Warangal, Telangana.	Sambudha Sen
73	Manvi Nigam	Archaeological Museum and Institute, Greater Noida.	Manoj Mathur
74	Nisha Verma	Redevelopment of Gomti Nagar Railway Station Lucknow, U.P.	Manoj Mathur
75	Parth Kapoor	Inter State Bus Terminal, Dharamsala.	Manoj Mathur
76	Parul Garg	Re-Interpreting Justice in Democracy: Dehradun District Court.	Manoj Mathur
77	Prabhanshu Shekhar	Inter State Bus Terminal.	Manoj Mathur
78	Rik Majumdar	Institute of Visual and Performing Arts Santiniketan, West Bangal.	Sambudha Sen
79	Vinay Prabhakar	Redevelopment & Revitalisation of Kudla Central Market, Mangaluru, Karnataka.	Sambudha Sen
80	Ananya Kashyap	Redevelopment of General Pool Residential Accommodation at Mohammadpur, New Delhi.	Meena Mani
81	Ankit Kumar	Sainik School, Rewari.	Tanuja Kanvinde
82	Ayushi Agarwal	Centre for Holistic Wellness- National Institute of Homeopathy, Narela, Delhi.	Jaya Kumar

83	Himanshi Sharma	Dhirubhai Ambani Global Centre, Aerocity, Delhi.	Meena Mani
84	Kamya Khurana	Redevelopment of Central Market Lajpat Nagar, New Delhi.	Jaya Kumar
85	Nandan Manjunath Arekal	Mandipet Market Redevelopment, Davangere, Karnataka.	Meena Mani
86	Niranjan Kaur	National Museum of Architecture Lado Sarai, New Delhi.	Jaya Kumar
87	Rachita Saxena	National Museum for Tribal Freedom Fighters, Garudeshwar, Gujarat.	Jaya Kumar
88	Rupesh Kumar Verma	Development Management Institute, Bihta, Patna.	Meena Mani
89	Suryakant	Home for Elders and Orphans, Lucknow.	Meena Mani
90	Vikas Kumar	A.P.J. Abdul Kalam Science Museum, Patna, Bihar.	Jaya Kumar

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2012-13	Ms. Neena Singh Zutshi	Sutradhara and Contemporary Architecture in India: An Empirical interpretation.	Manoj Mathur
2	2014-15	Ms. Manjari Khanna Kapoor	Integration Security in the Architecture of Public Environmrnts – An Assessment & Evaluation tool.	Mandeep Singh

10. Details of Research Projects

S. No.	Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
1	Shading Devices.	Design Innovation Centre (MHRD initiative), SPA New Delhi		Shweta Manchanda

2	Chapter on AIIMS Raipur, Emerging Areas in Hospital Design, Swayam Online Education.	Government of India	Anil Dewan	Anil Dewan
3	Transient Affordable Sustainable Construction Systems (TASCS).	Design Innovation Centre (MHRD initiative), SPA New Delhi	Shuvojit Sarkar, Anjali Mittal	
4	Gujjars of Pir Panchal-People and Dwellings.	Multiple funders (Investigating Design, Sonam Wangchuk and others)		Parul Kiri Roy
5	Scalable Community Health Model.	Patanka Construction Pvt. Ltd., SEEDS India.	Anjali Mittal	Anjali Mittal
6	Scalable Health Community Model.	SEEDS New Delhi	Parul Kiri Roy	Anjali Mittal
7	Transient, affordable, sustainable construction system (DIC, MHRD).	DIC, SPA New Delhi	Parul Kiri Roy, Shuvojit Sarkar	All
8	Transient Affordable Sustainable Construction System (DIC).	MHRD/DIC	Parul Kiri Roy, Anjali Mittal	Shuvojit Sarkar, Parul Kiri Roy, Anjali Mittal
9	Transceivers Based Application To Avoid Accidents In Mountains (DIC).	MHRD/DIC	None	Shuvojit Sarkar

11. Details of Consultancy Projects

S. No.	Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
1	Durga Bhawan Yatri Niwas.	Vaishno Devi Shrine Board, Jammu	Ramneet Kaur	Mandeep Singh
2	Proposed Skywalk to Vaishno Devi Shrine.	Vaishno Devi Shrine Board, Jammu	Ramneet Kaur	Mandeep Singh
3	Proposed Elevated Exit Route at Vaishno Devi.	Vaishno Devi Shrine Board, Jammu	Ramneet Kaur	Mandeep Singh

4	Shri Mata Vaishno Devi Shrine Board Project 1: Durga Bhawan.	Shri Mata Vaishno Devi Shrine Board, Katra	Mandeep Singh Ramneet Kaur Nishant Gautam Srishti Bhardwaj	Mandeep Singh
5	Shri Mata Vaishno Devi Shrine Board Project 2: Yatri Queue Management at Bhawan.	Shri Mata Vaishno Devi Shrine Board, Katra	Mandeep Singh Ar. Ramneet Kaur Nishant Gautam Srishti Bhardwaj	Mandeep Singh
6	Shri Mata Vaishno Devi Shrine Board Project 3: Yatri Exit Route.	Shri Mata Vaishno Devi Shrine Board, Katra	Mandeep Singh Ramneet Kaur Nishant Gautam Srishti Bhardwaj	Mandeep Singh
7	Shri Mata Vaishno Devi Shrine Board Project 4: Yatri Queue Management at Bhairon.	Shri Mata Vaishno Devi Shrine Board, Katra	Mandeep Singh Ramneet Kaur Nishant Gautam Srishti Bhardwaj	Mandeep Singh
8	Improvement of landscape at Raj Ghat (proposal sent).	Central Public Works Department	Mandeep Singh	Mandeep Singh
9	Redevelopment of the Interiors at International Centre for Alternative Dispute Resolution, New Delhi.	International Centre for Alternative Dispute Resolution	Manoj Mathur, Parul Kiri Roy	Manoj Mathur
10	Redevelopment of Asthath at Rishikesh, UK.	Irrigation Dept. Govt. of Uttarakhand		Manoj Mathur
11	Landscaping of Asthath at Haridwar.	Irrigation Dept. Govt. of Uttarakhand		Manoj Mathur
12	Redevelopment of Spray Pond of Kelkar Library.	IIT-Kanpur	Aarti Grover	Manoj Mathur
13	Extension of Chitrakoot Hostel.	Delhi Cantonment Board	Aruna Ramani Grover	Aruna Ramani Grover
14	Accessibility Audit.	ITPO (Shapoorji Pallonji)	Anil Dewan, Prabhjot Singh Sugga	Anil Dewan
15	Crematorium at Uri Enclave.	Delhi Cantonment Board	Arunava Das Gupta, Anil Dewan	Arunava Das Gupta

16	Crematorium at Nangal Raya.	Delhi Cantonment Board	Anil Dewan	Anil Dewan
17	Road Safety Audit for Cantonment Area.	Delhi Cantonment Board	Anil Dewan, Sewa Ram, Bhaskar	Anil Dewan
18	Redevelopment of Arthala Lake, Uttar Pradesh.	Ghaziabad Vikas Parishad	Anil Dewan	Anil Dewan
19	Interiors of Rest House.	Northern Railway	Prabhjot Singh	Prabhjot Singh
20	DEO Residence.	Delhi Cantonment Board	Prabhjot Singh/ YK Jain	Prabhjot Singh
21	Redevelopment of the Interiors of Rashtrapati Bhawan, New Delhi.	Rashtrapati Bhawan	Anjali Mittal Parul Kiri Roy P.S.N Rao (Advisor)	Anjali Mittal
22	Rejuvenation of Water bodies.	Delhi Cantonment Board	Prabhjot Singh/ YK Jain	YK Jain
23	Overhead service reservoir.	Ambala Cantonment Board	Prabhjot Singh/ YK Jain	YK Jain
24	Improvement to Drainage and Sewerage system.	Delhi Cantonment Board	Prabhjot Singh/ YK Jain	YK Jain

12. Details of Publications

- Mandeep Singh Gopal, A., Mathur, M., & Singh, M. (2020) Change in urban form: approaches for assessment and analysis in the Temple cities of India, *IJSER*, 11(1), 513-518.
- Gopal, A., Mathur, M., & Singh, M. (2020) Changein Urban Form: Approaches for Assessment and Analysis in the Temple city of Thanjavur, Tamil Nadu. *Journal of Architectural and Planning Research (JAPR)*.
- Gopal, A., Mathur, M., & Singh, M. (2020) *Temple cities of India: categorization based on urban form. Ph.D. colloquium*, New Delhi: Sushant School of Architecture, Design and Planning.
- Modi S. and Singh M. (2020) Social Spaces in Middle Income High Rise Residential Neighborhoods of Delhi.
- Anil Dewan Singh, R., & Dewan, A. (2019) Natural Ventilation as a key Airborne Infection Control Measure for Tuberculosis Care Facilities: A Review. *Tekton, A Journal of Architecture, Urban Design and Planning*.
- Singh, R., & Dewan, A. (2020) Split Air Conditioners and their role in Airborne Infection Spread, *Creative Space*.

- Singh, R., & Dewan, A. (2020) Public Transportation and Safety against Airborne Disease, *Urban Transport News*.
- Shweta Manchanda Matai K., Manchanda S. (2019) LST Mapping of SPV to Gauge Their Influence on Near-Surface Air Temperature of New Delhi City. In: Drück H., Pillai R., Tharian M., Majeed A. (eds) *Green Buildings and Sustainable Engineering.*, Springer Transactions in Civil and Environmental Engineering, Springer, Singapore. DOI https://doi.org/10.1007/978-981-13-1202-1_1.
- Manchanda S., Matai K (2019) Comparative study of temperature distribution on various roof surfaces due to solar insolation: Computer simulation approach. *Journal of Energy Research and Environmental Technology*. In: (JERET) p-ISSN: 2394-1561; e-ISSN: 2394-157X; Volume 6, Issue 4; October-December 2019; pp. 303-313. https://www.krishisanskriti.org/vol_image/13Mar202009031712.pdf.
- Prabhjot Singh Sugga Integration of Structures in Students' Design solutions: A tool for Assessment. *International journal of Built Environment*.
- Rajaprakash, P. Rajaprakash, P. and Nagpal, A. (2020). Art and Culture – The Canvas of A Smart City. *International Journal of Urban Design*, 2020 3 (1).
- Shuvojit Sarkar *Sustainability of Million Plus Cities in India: An Index Based Approach*, LAP Lambert Academic Publishing, ISBN No.978-620-0-54897-9.
- Aarti Nagpal 'Art and Culture'- The Canvas of a Smart City, *International Journal of Urban Design*, 2020; 3(1): 16–24p., 10.37628/IJUD.
- Saptarshi Sanyal Sanyal S. (2018) Amateurs and Authors: Challenges and Potentialities in Architectural Historiography of Late-colonial India, *SPACE.Journal*, 22(1-4): 124-145.
- Anuja Sharma Sharma, Saha, Tyagi & Talukdar (2019), *Utilities and Services in Smart Cities: A Case Study of Jaipur City*, Springer.
- Sharma A, 2019, *Empathy development in Architecture Design Studio*.
- Sharma A, 2020, *Conservation of Historic Cities: A Case of Old City of Mathura*, pg 32-48
- Gunjan Jain Jain, G. "Greening the Grey - The Role of Green Walls in Regenerating and Revitalizing the Urban Realm", *Journal of Civil Engineering and Environmental Technology*, p-ISSN: 2349-8404; e-ISSN: 2349-879X; Volume 6, Issue 7;Oct -Dec, 2019.
- Kamini Singh Singh, K., & Nashier, M (2020). *Evaluation of Rainwater Harvesting potential in residential urban neighbourhood of Vijaywada*, ICUSE 2020, IIT Bombay, ISBN No. 978-93-89063-91-2.

13. Details of Membership in Committees/ Editorial Boards/ Any Other

Mandeep Singh

National Committees

- Member, Project Steering Committee (PSC) for 'Developing Energy Efficient Building Material Directory', Bureau of Energy Efficiency, Government of India.
- Professional Advisor National War Memorial, Ministry of Defence, Government of India.
- Advisor, IIIT Vadodara Permanent Campus Design and Architect Work, MHRD, Government of India.
- Member, Governing Council, NID Haryana, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, of the Government of India.
- Advisor, Association of Indian Universities (AIU) for renovation/refurbishing including interior furniture/furnishing etc at their present building.
- Jury/Technical Evaluation Committee for National War Museum, Ministry of Defence, Government of India.
- Member, Expert Committee for selection of tableaux for Republic Day Parade, Ministry of Defence, Government of India.

Manoj Mathur

National Committees

- UGC Standing Committee for Central Universities.
- UGC Committee for Annual Allocation under Capital Assets.
- Building & Works Committee, IIT-Kanpur.
- Building & Works Committee, JNU-New Delhi.
- BIS CED Engineering Sectional Committee.
- Board of Studies, SSAA, Ansal University.
- Board of Studies, Mizoram University.
- UGC Experts Committee for Inspection of Universities (various).
- Ministry of Culture TCC Technical Appraisal Committee.

Aruna Ramani Grover

Editorial Boards

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

Any Other

- Chairperson, Doctoral Research Committee, Department of Architecture, Jamia Millia Islamia, New Delhi.

Anil Dewan

National Committees

- BIS MHD 14 Committee for Standards Development.
- BIS Civil Engineering Committee for Standards Development.

- Indian Law Institute Works Committee.
- Central University of Rajasthan: Faculty Selection Committee.
- AKTU Lucknow; Board of Studies.

Ranjana Mital

National Committees

- Member, Building Works Committee, IIT Kanpur.
- Delhi University Building committee.

Any Other

- Board of studies- Central University of Rajasthan.

Leon Angelo Morenas

National Committees

- External Member, Departmental Research Committee of Urban Design, School of Planning and Architecture, Bhopal.
- Member, Sectional Committee for Social Sciences, Global Initiative of Academic Networks, MHRD.
- Member, Special Committee, Center for Study and Law and Governance at Jawaharlal Nehru University, Delhi.
- Member, Board of Studies of the Bachelor of Architecture Programme at Jamia Millia Islamia, Delhi.

Editorial Boards

- International Journal of Architecture and Ekistics.

Any Other

- Reviewer of Conference and Seminar Proposals for ICSSR- Northern Regional Center.
- Reviewer, Enquiry: A Journal for Architectural Research, Architectural Research Centers Consortium (ARCC).
- Reviewer, Journal of Urbanism: International Research on Placemaking and Urban Sustainability.
- Reviewer of Dialogue – Science, Scientists, and Society.

Shweta Manchanda

National Committees

- Member, Bureau of Energy Efficiency Technical Expert Committee, Govt of India.

Parul Kiri Roy

Any Other

- Academic Board Member, Kalhath Institute, Lucknow.
- Founder Member, Investigating Design.
- Co-Director and Head of Delhi Chapter, Council for Art and Social Practice.

Shuvojit Sarkar

National Committees

- Member Technical Committee: Stones Sectional Committee, CED 6: Bureau of Indian Standards Bureau of Indian Standards.
- Member Technical Committee: Panel for Acoustics, Sound Insulation and Noise Control, CED 46:P15.

Editorial Boards

- Reviewer of the Springer Journal Environment, Development and Sustainability ISSN: 1387-585X (Print) 1573-2975 (Online).

Aarti Nagpal

National Committees

- SPA, Delhi, M.Plan., Purchase Committee.

Balpreet Singh Madan

Any Other

- Jury member, Sharda University.
- Jury member, MBS School of Planning and Architecture, New Delhi.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Manoj Mathur,
Mandeep Singh,
Balpreet Singh Madan

Vimarsh - A Conclave with Alumni for B.Arch Curriculum Review, National Conference, on 27.07. 2019.

Mandeep Singh

Faculty Training Programme (FTP) at SPA Delhi on Practicing Sustainability in The Built Environment. Attended by 30 faculty members from SPA Delhi, Manipal University Jaipur, Lovely Professional University, Apeejay Institute of Technology, Noida and Hindu College of Design Architecture and Planning, Sonipat. The programme equipped teachers with in depth knowledge on principles of sustainability to facilitate meaningful input in design studio, from 11.03.2020 to 15.03.2020.

Manoj Mathur

SPARKS - Alumni professional works display (National Exhibition), from 22.09.2019 to 25.09.2019.

Anil Dewan

Online Teachers Training Workshop on '*Emerging areas in Hospital Planning, Design, Construction and Facility Management of Hospitals*', AICTE/ MHRD sponsored online MOOC under ARPIT SWAYAM programme, from July 2019 to February 2020.

Ranjana Mital

SPARKS - Alumni professional works display (National Exhibition), from 22.09.2019 to 25.09.2019.

	Platinum Jubilee Celebration, Sparks Exhibition, from 20.09.2019 to 24.09.2019.
Shweta Manchanda	Metal Composite Panels- Aludecor, 2020. ECBC 2017 by Mariám Zakaih, Eds, 2019. Eco Niwas Samhita - PWC, 2020. Edge Software Introduction, Webinar, 2020.
Rajaprakash,P.	2 days workshop on 'Context Capture' by Bentley
Parul Kiri Roy	Organised and conducted- 'Viraasat ke Ehsaas ki Jagah' (Spatial design for Heritage Experience) with artisan students, Kalhath Institute, Lucknow, Workshop, from 11.11.2019-12.11.2019. Organised and conducted- 'Systemic Interdependencies in Settlements- How to document people and their habitat' with young professionals and architecture students for Investigating Design, New Delhi., National Workshop, from 03.06.2019 to 04.06.2019. Organised and facilitated- 'Community Innovation in the Humanitarian Sector' for SEEDS India, IHC, New Delhi. International Workshop, from 25.06.2019 to 26.06.2019. Organised and conducted- Interactive Lab with School Teachers on behalf of CASP, IGNC, New Delhi, National Workshop, from 19.12.2019 to 20.12.2019.
Arpita Dayal	Origami workshop for First Years, Workshop, on 07.09.2019. Architecture of Equipoise, Anne Fenestra, Special Lecture, on 07.08.2019.
Anjali Mittal	End-term Exhibition 'Mai Moradabad Hoon' Exhibition, from 26.11.2019 to 28.11.2019.
Gunjan Jain	"Practicing Sustainability in the Built Environment" by School of Planning and Architecture, New Delhi, Faculty Training Programme, from 11.03.2020 to 15.03.2020.
Nishant Gautam	SPARKS Exhibition, School of Planning and Architecture, Exhibition of Works By Alumni of SPA, Delhi, Dept. of Architecture as part of 75th Platinum Jubilee Celebration, from 20.09.2020 to 24.09.2020.
Vandana Balakrishnan	SPARK, National Exhibition, from 20.09.2019 to 24.09.2019

15. Papers presented in Seminars, Workshops, Conferences, etc.

- Mandeep Singh
Practicing Sustainability in The Built Environment, Faculty Training Programme, on 11.03.2020.
- Leon Angelo Morenas
(Invited Presentation) Privacy Concerns, Shock Doctrine in the Age of the Pandemic. Panellist on the Webinar Urbanity and the Pandemic Times: Emerging Discourses on Urban Form organized by the School of Planning and Architecture, Bhopal, National Webinar, on 09.05.2020.
(Invited Presentation) Cities as Socio-Technical Systems. Participant at the AI and Future Cities Workshop organized by Tandem Research and Friedrich-Ebert-Stiftung (FES) in Goa, International Workshop, on 22.11.2019.
(Invited Presentation) Lessons for Students of Architecture. Plenary Speaker at the International Conference on Architecture Pedagogy hosted by Faculty of Architecture and Ekistics, Jamia Millia Islamia, International Conference, on 12.11.2019.
Governing Through Technology: Command Centers and Big Data. (Paper Presentation at the International Conference *In and Beyond the City: Emerging Ontologies, Persistent Challenges and Hopeful Futures* organized by Research Committee 21 of the International Sociological Association in Delhi, International Conference, from 18.09.2019 to 21.09.2019.
- Parul Kiri Roy
Scoping Innovation, 'Community Innovation in the Humanitarian Sector' for SEEDS India, IHC, New Delhi, International Workshop with NGO Sector Professionals, on 25.06.2019.
Art for Learning- Emotional well-being and Human values, Art Education Summit, IGNC, New Delhi, Interactive Lab (National Workshop) on 19.12.2019.
Art for Learning- Mapping Everyday Environments, Art Education Summit, IGNC, New Delhi, Interactive Lab (National Workshop) on 20.12.2019.
Art for Learning- Future paths and choosing a career, Art Education Summit, IGNC New Delhi, Interactive Lab (National Workshop) on 20.12.2019.
Engaging with Self, NIFT, New Delhi, National Teachers Training Workshop on 14.07.2020.
- Shuvojit Sarkar
International Conference on "Innovative Research in Agriculture, Engineering, Technology, Applied Sciences, Humanities and Business Management for Sustainable Development" (ETAHBS-2019), Pusa Institute of Technology, Pusa, New Delhi, International Conference, on 23.11.2019.

International Conference on “Innovative Research in Agriculture, Engineering, Technology, Applied Sciences, Humanities and Business Management for Sustainable Development” (ETAHBS-2019), Pusa Institute of Technology, Pusa, New Delhi. “Exploring Materiality as an Alternate Generator of Form for Sustainable Architecture”, International Conference on 14.12.2019.

JTA Multidisciplinary International Conference (JTACON-2020), Jamia Millia Islamia, New Delhi “The Evolution of Islamic Architecture through the Mosques in Bengal and its Influence on the Bengal Style” International Conference from 16.02.2020 to 18.02.2020.

Aarti Nagpal

Art and Culture- The Canvas of A Smart City’ in 21st International Conference on Architecture, Architectural Culture and History (ICAACH 2019) held in Dubai, UAE, 21th International Conference on Architecture, Architectural Culture and History, from 07.11.2019 to 08.11.2019.

Shikha
Indurkhya

National Conference on Green Buildings, PH.D. House, Chandigarh, National Conference, on Nov. 2012.

Healthcare Architecture National Symposium ‘Confluence 18’ themed on Influence of Healthcare Advancements on Architecture’, Jamia Milia Islamia University, Delhi, Seminar, Conference, Exhibition, Oct. 2018.

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

Mandeep Singh

Practicing Sustainability in The Built Environment, Faculty Development Programme, from 11.03.2020 to 15.03.2020.

Parametric Design Using Grasshopper and Rhino, School of Architecture and Planning, Sharda University, Faculty Development Programme (15 days), from 11.12.2019 to 26.12.2019.

Academic Writing and Research Methodology, School of Humanities and Social Sciences, Sharda University, Faculty Development Programme, from 08.06.2020 to 12.08.2020.

Anil Dewan

High Rise Buildings Seminar by CPWD at Vigyan Bhawan, National Seminar, from 13.12.2019.

Paradigm Shift in Planning, Design, Construction and Facilities Management of Healthcare Facilities post COVID 2019, National Webinar, on 12.06.2020.

Modern Healthcare, National Webinar, on 20.06.2020.

Shweta Manchanda

Symposium on High Rise Buildings by CPWD at Vigyan Bhawan 2020.

ECBC awareness by GNCT Delhi at SPA 2019.

	Griha Summit 2019.
	Eco Niwas Samhita student faculty workshop 2020.
Prabhjot Singh	Settlements of Indegenous People National Webinar, on 10.08.2020.
Rajaprakash P	Re-Art Cities Art & Culture acting for Planning and transition, International Conference organized by Dept. of Urban Design, SPA in collaboration with French Cultural Center and Embassy of France, on 03.09 2019.
Parul Kiri Roy	Mail Today Education Summit, ITC Maurya, New Delhi Day long National Seminar, on 10.07.2019.
	Submergence: In the Midst of Here and There (Arpita Singh: Six Decades of Painting) Exhibition and walkthrough, on 11.07.2019.
	Vimarsh: A conclave with alumni on the B.Arch Curriculum, IHC, New Delhi, Day long National Seminar, on 27.07.2019.
	Our Moderns: Geeta Kapur, IHC, New Delhi, Lecture and Panel Discussion, on 17.09.2019.
	India CSR Summit, Novotel, Aerocity, New Delhi, International Seminar and Panel Discussions, from 23.09.2019 to 24.09.2019.
	Bharatiya Shipa and Architecture, IGNC, New Delhi Collaborative National Seminar (My role was of Discussant), from 13.12.2019 to 15.12.2019.
	TOI DesignX Lectures, Panel Discussions and Exhibitions, from 14.09.2019 to 15.09.2019.
	Lecture series of the SPA Platinum Jubilee, Lectures (Vernacular Architecture), INTACH and Lectures (Architecture and Society Series), GREHA, IHC, New Delhi Lecture and Panel Discussion, Attended many.
	Structuring Form: The Innovative Rigour of Mahendra Raj, KNMA, New Delhi Exhibition and walkthrough, on 17.11.2019.
Sunil Prasad Shrivastava	Training Faculty Training Program, from 11.03.2020 to 15.03.2020.
	Training Faculty Development Program, from 22.06.2020 to 26.06.2020.
Arpita Dayal	Faculty Training Workshop - Practicing sustainability in the built environment, FTP, from 1.03.2020 to 15.03.2020.
Anjali Mittal	Practicing Sustainability in The Built Environment Faculty Development Programme, from 11.03.2020 15.03.2020.
Vandana Kothari	60th National Exhibition of Art, Lalit Kala Akademi, New Delhi at National Gallery of Art, Mumba, National Art Exhibition, from 21.03.2019 to 15.04.2019.

53rd Annual Exhibition, Birla Akademi of Art & Culture, Kolkata National Art Exhibition, from 09.01.2020 to 09.02.2020.

Gunjan Jain

COA-TRC, Faculty Training Programme, from 11.05.2020 to 15.05.2020.

BEE, Training Programme, on 27.03.2020.

SPA-New Delhi, Faculty Training Programme, from 11.03.2020 to 15.03.2020.

ECBC, BEE, Training Programme, from 22.10.2019 to 23.10.2019.

ECBC Delhi, BEE, Training Programme, on 03.10.2019.

JTACON-2020, International Conference, from 16.02.2020 to 18.02.2020.

ACEESD-2019, International Conference, on 14.12.2019.

ETAHBS-2019, International Conference, on 23.11.2019.

Saptarshi Sanyal

Ph.D. Research Projects Conference, Bartlett School of Architecture, University College London, UK, International Conference, on 18.02.2020.

17th AHRA (Architectural Humanities Research Association) Ph.D. Students' Symposium, University of Newcastle, UK, International Conference, from 22.04.2020 to 23.04.2020.

Anuja Sharma

ICRC 2K20 international conferences on rediscovering cities: issues and challenges, International Conference, on 07.07.2020.

International conference on Architecture Pedagogy, International Conference, on 12.11.2019.

International conference on smart cities, International Conference, on 16.03.2019.

Kamini Singh

Practicing Sustainability in the Built Environment, Faculty Development Program, on 13.03.2020.

17. Membership of Professional Bodies

Manoj Mathur

Member, Indian Institute of Architects.

Aruna Ramani Grover

Fellow, Indian Institute of Architects.

Anil Dewan	FIIA, Institute of Hospital Engineering.
Leon Angelo Morenas	International Sociological Association; Society for Social Studies of Science (4S); Society for Philosophy and Technology; Council of Architecture; Institute of Urban Designers, India.
Shweta Manchanda	Member, Indian Institute of Architects.
Prabhjot Singh Sugga	Member, Indian Institute of Architects; Member, Institute of Town Planners India.
Parul Kiri Roy	Member, INTACH.
Shuvojit Sarkar	Member, INTACH, IIID; Associate Member - ITPI., IIA.
Sunil Prasad Shrivastava	Life Member (I.A.S.E) ; Life Member Institution of Engineers.
Aarti Nagpal	Member, Indian Institute of Architects, ITPI.
Arpita Dayal	Member, Institute of Urban Designers India.
Saptarshi Sanyal	Member, ICOMOS (India).
Mekhla Parihar	Member, USGBC.
Balpreet Singh Madan	Member, Indian Institute of Architects (IIA).
Gunjan Jain	Member, ITPI; Member, IIA.
Kamini Singh	Institute of Urban Designers India (IUDI).
Shikha Indurkhya	IGBC AP; LEED BD+C; GRIHA Trainer & Evaluator.
Vandana Balakrishnan	Member, IIA, IUDI.

18. Any Other Information of Relevance

Mandeep Singh

- July-Dec 2019: Head of the Department, Architecture Department.
- March- July 2020: Head of the Department, Industrial Design Department.
- Ms. Arathy Gopal, Ph.D. Scholar completed one semester (15th January to 15th June 2020) of Ph.D. mobility program (SSCRI-Smart Sustainable City Regions in India) between Norwegian University of Science and Technology (NTNU) and SPA Delhi, at NTNU Trondheim.

Aruna Ramani Grover

- National coordinator for Annual Refresher Program in Teaching (ARPIT) for the subject of Architecture Discipline in India. Total number of participants registered was 1812.

Anil Dewan

- Instrumental in getting a MoU signed between SPA-Delhi and Svayam (An organisation run by Jindal Group in the area of Universal Accessibility).

Leon Angelo Morenas

- As Platinum Jubilee Lecture Series Coordinator, I organized eight lectures by eminent departmental alumni. Five of these lectures occurred in the academic calendar year 2019-2020. The details are listed below:
 - a. André Aranha Corrêa do Lago, Brazilian Ambassador & Architectural Critic, "Nationalism and Architecture" (13 Aug 2019).
 - b. Cyrus Vesuvala "Architectural Notes: An Architect's Journey into music" (25 Sep 2019).
 - c. Panel of experts Profs. Vibhuti Sachdev, Anu Sabhlok, Neeraj Gupta, Tapan Chakraborty and Manoj Mathur "What should tomorrow's architects learn today?" (18 Oct 2019).
 - d. Sanjay Prakash "0, 1, 2, 3... ∞" (12 Dec 2019).
 - e. Meena Mani "Reflections on Connections" (24 Jan 2020).
- Organizing the Brazilian Pavilion at the 2014 Venice Biennale exhibition in the Architecture Block foyer from 29th August to 30 September 2019. Curated by André Aranha Corrêa do Lago, recognized architectural critic, member of the distinguished 2017 Pritzker Prize Jury and Brazilian ambassador to India, the Brazilian Pavilion presented a chronological evolution of its country's architecture, which is characterized by an intimate relationship to modernism. In response to the 2014 Venice Architecture Biennale theme of 'Absorbing Modernism: 1914-2014', the exhibition displayed photographs of 180 noteworthy buildings organised by type, including collective housing, individual residences, governmental buildings, schools, urbanism, landscaping, pavilions and cultural centres. In addition, works in several related genres were also displayed, including Pre-Colombian (native shacks), vernacular and baroque. The gallery spaces were arranged by trellis partitions built of polystyrene foam, in reference to traditional Brazilian patterning.

Rajaprakash P

- Organized Educational trip and filled visits to Pune
- Organized a special Lecture titled "Street for People Design" by Architect and Urban Designer Prof. Prasana Desai, Pune Sept 2019 SPA as special lecture.
- Special workshop in "Context capture" by Bentley software company for 3rd year student SAP Delhi 2019 As additional knowledge
- International students Workshop titled Space, Body, Form at Erfurt, Germany from 3rd June, 2019 to 6th June, 2019, Erfurt Germany June 2019 Univ. of Erfurt
- Coordinated Cultural Program in SPA Foundation Day

Parul Kiri Roy

- Coordinated and mentored the CLAP (Creative Learning and Practice) Program on behalf of CASP (Council for Art and Social Practice) to create child friendly learning environments through art processes and intervention across 51 schools in East Delhi.
- Part of several jury panels- Visual Arts (Vastukala Academy), Architectural Design (Sushant School of Art and Architecture), Thesis (SPA Bhopal).

Shuvojit Sarkar

- Jury Member to CCA, Chandigarh Masters Program.
- Technical Expert to various projects.

Mekhla Parihar

- Deputy Warden, SPA Residential Complex, Maharani Bagh, New Delhi.
- Coordinator for Student Exchange - Department of Architecture, SPA, New Delhi and Welsh School of Architecture, Cardiff University, UK are in the process of finalising the Student Exchange Programme between the two schools for up to 2 students (or full-time equivalent) in any given academic year from 2nd and 3rd year of the B.Arch. curriculum. Both schools wish to establish a long-term collaborative relationship to promote cooperation within higher education and to enhance the opportunities available to students. During the exchange programme, students from both the schools will benefit from the funding received through Erasmus+ programme.

Vandana Balakrishnan

- Compiled book of works by SPA Alumni on the occasion of Platinum Jubilee celebrations of the Architecture department of SPA New Delhi.
- Guided students of SPA Participating in NASA (National level Architecture competition).

Shikha Indurkha

- Worked on ARPIT (Annual Refresher Programme in Teaching) - Swayam Course on Emerging Areas In Hospital Planning, Design, Construction And Facilities Management - Assisted Prof.Dr. Anil Dewan In School of Planning & Architecture, New Delhi.

Special Lectures

S. No.	Dates	Name of the Speaker	Topics
1	08.08.2019	Abhay Ghate	Structural Systems in Stadia
2	09.08.2019	Vignesh Premkumar	Planometric Drawings
3	21.08.2019	Mariyam Zakaih	Energy Conservation Building Code 2017
4	04.09.2019	Vinod Gupta	Passive Architecture – Case Examples
5	04.09.2019	Deepak Gahlowt	Heritage Building of Rajasthan
6	04.09.2019	Aman Nath	From a Fort to a Heritage Hotel in the Founder and Chairman's own words
7	18.09.2019	Ricardo Bofill	Future Cities 2200
8	23.09.2019	Sanjay Prakash	IIT Jodhpur Master Plan

9	27.09.2019	Dallas Rogers	Participatory, Technocratic & Neoliberal Urban Planning in Australia
10	14.10.2019 and 21.10.2019	Puneet Thakre	Revit Modelling
12	16.10.2019	Tapan Chakravarty	Architecture Within
13	23.10.2019	Vandana Jain	Doodle Workshop
14	23.10.2019	Shinjita Roy	Performance Arts & Architecture
15	25.10.2019	Vishal Sharma	Elevation Modelling
16	15.01.2020	Renuka Raj Singh	Policy on Sexual Harassment
17	16.01.2020	Meena Mani	Design of Habitat Centre
18	20.01.2020	Subharthi Guha	The Growth of Form
19	05.02.2020	Savita Nagpal	The Sunny Side of Life – Life Style and Healthy Living
20	05.02.2020	K T Ravindran	Urban Context of New Delhi
21	07.02.2020	Goonmeet Chauhan	Vanijya Bhawan and Select City Walk
22	12.02.2020	Kush Sethi	Urban Gardening and Beyond
23	12.02.2020	Anjana Sen	Nurturing Empathetic Professionals
24	15.02.2020	Nishit Gupta	High Rise Building
25	19.02.2020	Tapan Chakravarty	What is the 'Historic' and the 'Vernacular' in Architecture
26	20.02.2020	Gauri S. Gandhi	Principles of Site Planning with a Focus on Sloping Sites
27	24.02.2020	Nirmal Tulsidas Kishnani	Ecopuncture
28	24.02.2020	Henri Fanthome	Materiality in Architecture
29	24.02.2020	Vikas Gandhi	Implication of Materials in Building Practices and Built Expression
30	24.02.2020	Anurag Biswas	Form Follows Function
31	26.02.2020	Sumedha Garg	Beyond Borders and Peripheries – Stitching Another City
32	27.02.2020	Lakhan Rastogi	Principles and Good Practise in Auditorium Design
33	28.02.2020	Inderpal Singh	The Art of Storytelling and Puppetry

34	05.03.2020	Anurag Biswas	Green Building Analysis in Rhino
35	06.03.2020	Sakshi Jain	ECBC, Part-I
36	17.03.2020	Virender Rawat	Usage of Total Station Survey Equipment
37	18.03.2020	Virender Rawat	Usage of Total Station Survey Equipment
38	19.03.2020	Virender Rawat	Usage of Total Station Survey Equipment
39	20.03.2020	Sakshi Jain	ECBC, Part-II

2.2 DEPARTMENT OF PHYSICAL PLANNING

1. Academic Programs Offered by the Department

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

2. Year of Establishment of the Department: 1990

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Areas of Specialization	CoA Reg. No.
PROFESSORS			
Poonam Prakash (Head of the Department)	B.Arch; M.Planning (Housing), Ph.D.	Housing, Urban Planning, Participatory Planning	
Ashok Kumar	M.Sc.; M.P.(URP); Ph.D.	Urban and Regional Planning: Spatial Justice; Water Governance; and Public Policy	
Mahavir (Dean Academic)	B.Arch.; MURP; PG Dip. (Remote Sensing); Ph.D.	Remote Sensing and GIS	CA/81/06718
Mayank Mathur	B. Arch; M. Housing; PG Dip. in Housing Planning and Building; Ph.D.	Housing and Community Planning, Urban Design, Design of Human Settlements	
Rabidyuti Biswas	B.E.; M.R.P.; Ph.D.	Urban and Regional Planning, Infrastructure Planning and Management	
ASSISTANT PROFESSORS			
Chidambara	Ph.D.; M.Plan. (Transport); B.Plan	Transport Planning	
Taru Jain (resignation under process)	Ph.D.; M.Sc.; B.Plan.	Transport Planning	

Priti Deo	Master in Geography; M. Planning (Regional Planning)	Regional Planning, Master Planning Geo Informatics Systems (GIS), Demography and Urbanization, Planning Techniques	
Papiya Bandyopadhyay Raut	Master in Geography; M. Plan. (Regional Planning); Ph.D. (ongoing)	Regional Planning, Rural Development, Village & Community Resource Planning, Informal Sector and Planning, GIS and Remote sensing, e-Governance	
Piyooosh Singh	B. Arch; MCP	Settlement History, Site Planning	
ASSISTANT PROFESSORS ON CONTRACT			
Ankita Mandal	B.Plan, M.Plan.(EP)	Urban and Environmental Planning	
Honey Jalali	B.Arch, M.Plan.	Urban Planning	CA 2011/ 54387

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Poonam Prakash	I	Planning Techniques I	2
	I	Planning Communication I	2
	II	Planning Studio II	5
	III	Planning Techniques II	2
	V	Planning Studio V (Zonal/Subzonal)	5
	VIII	Planning Practice and Legislation	2
	VIII	Thesis	6
Ashok Kumar	III	Planning Theory - I	3
	IV	Planning Theory - II	3
	VII	Dissertation an Training	2
	VII	Studio	8
	VIII	Thesis	9

Mahavir	II	Geo-Informatics for Planning -I	3
	VII	Planning for Regions	3
	VII	Planning and Design Studio - Regional Planning	5
Mayank Mathur	I	Planning and Design Studio	8
	IV	Urban Design	2
	V	Housing and Community Planning	2
	VI	Planning Studio - Master Plan for TirupatiMandal	8
	VII	Dissertation (Coordinator)	4
	VIII	Thesis (Coordinator)	3
Rabidyuti Biswas	III	Planning Techniques II	2
	V	Infrastructure Planning II	3
	VII	Planning Studio: Regional Planning	8
	VI	Environmental Planning	1
	VI	Planning Studio: Master Plan Preparation	5
	VIII	Thesis	6
Chidambara	III	Studio (Transport Aspects)	11
	III	Traffic and Transport Planning I	3
	V	Traffic and Transport Planning II	2
	VII	Dissertation	2
	VII	Planning Communication IV	1
	II	Studio (Land use and Area Appreciation)	8
	VIII	Thesis Guidance	6
	VI	Urban Governance and management	2
	IV	Planning Communication III	1
Priti Deo	I	Planning Techniques – I	1
	III	Geo Informatics for Planning - II	3
	IV	Demography and Urbanization	3
	VII	Planning Studio- Regional Plan	11
	VIII	Thesis and Terminal Project	6
Papiya	III	Ecology and Resource Planning	3

Bandyopadhyay Raut	VII	Planning for Regions	1
	VI	Rural Resource Planning	2
	VI	Planning and management for Informal Sector & Urban Poor	3
	VIII	Thesis Supervision	3
		Was on CCL. However, theory subjects and thesis supervision were taken up during this leave period.	
Piyooosh Singh	I	Culture and Cities	3
	I	Planning Communications - I	4
	I	Planning Studio - I	11
	II	Cities in History	3
	II	Planning Communications - II	2
	IV	Thesis & Terminal Project	6
Ankita Mandal	I	Theory: Fundamentals of Urban and Regional Planning	3
	I	Studio: Planning Communication I	2
	VI	Theory: Planning Practice I	1
	VI	Studio: Planning Studio V (Local Area Plan)	11
	VII	Theory: Impact Assessment Techniques elective	2
	VII	Studio: Dissertation	Hrs. are not assigned
	II	Studio: Planning Studio II	11
	VI	Theory: Environmental Planning	2
	VI	Theory: Climate Change, Disaster Risk and Resilience	1
	VIII	Studio: Thesis and Terminal Project	6
Honey Jalali	I	Computer Applications; AutoCAD- 2D	1
	III	Infrastructure Planning - I	3
	III & IV	Transport Studio & Site Planning Studio	11 & 11
	V	Project Formulation, Appraisal and Management	1

	VII & VIII	Dissertation & Thesis Studio	3 & 2
	VII & IV	Planning Communication IV & III	2 & 3
	IV	Conservation (U.D. - Conservation)	2
	II	Site and Land Development	1

5. Details of Teaching Work Undertaken in Other Departments

Name of The Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Rabidyuti Biswas	II	Infrastructure Planning	1

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
1	Amrita Anand	II	Introduction to Social Sciences	3
		VI	Land Economics & Locational Theory	3
2	R.K. Barik	VII	Politics, Planning and Development (Institutional Elective)	2
3	Abhishek Jain	I	Planning Studio – I	8
		II	Planning Studio II	8
4	Ankcur Goel	VIII	Planning Practice and Planning Legislation II	2
5	Harpal Dave	VII	Planning Legislation I	3
		IV	Planning Indian Cities	3
		VIII	Terminal Project/ Thesis	1
6	J.M.Radhakrishna	I	Planning Communication I	1
		VII	Planning Communication IV	1
		II	Planning Communication II	1
		IV	Planning Communication III	2
7	Mandeep Singh	VI	Urban Finance	2

		VIII	Terminal Project/ Thesis	6
		VIII	Invited Elective	2
8	Mridul Upreti	V	Real Estate Development and Management	2
9	Rajeev Roy	III	Planning Studio- Land Use and Transport Aspects	6
10	Ravi Inderjit Singh	IV	Planning Studio- Site Planning	8
11	Samir Sharma	VIII	Terminal Project/ Thesis	2
12	Smanla Dorjee	I	Planning Communication I	1
		II	Planning Communication II	1
		IV	Planning Communication III	1
13	Ms. Alka Arora	VIII	Terminal Project/ Thesis	3
		VIII	Invited Electives	2
14	Ms. Anukriti Pathak	I	Planning Studio – I	8
		V	Settlement Sociology	3
15	Ms. Chitra Jain	IV	Planning Studio- Site Planning	5
16	Ms. Kirti Badhe	I	Quantitative Methods for Planners	3
		II	Planning Studio- Land Use and Transport Aspects	8
		V	Transportation Planning II	1
		II	Economics For Planners	3
17	Ms. Malvika Rautela	I	Planning Studio – I	6
		II	Planning Studio II	8
		VI	Development Planning	3
18	Ms. Shruti Aggarwal	II	Site And Land Development	2
19	Prof. V.K. Dhar	VII	Dissertation And Training Seminar	2
		VII	Urban Renewal	2
		V	Studio (Planning Studio-V)	6
		VI	Planning Studio- Development Plan	11

		VIII	Terminal Project/ Thesis	3
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7. Details of Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	I	(Planning Studio - I) This studio introduced the students with basic concepts of mapping an area at different levels for preparing base map and activity mapping. They were also introduced with the elementary knowledge of FAR, built form and concept of neighbourhood. Jangpura, Dwarka Sector-6, Janakpuri, Maharani Bagh areas from Delhi were taken as the case study areas.
2	II	As an introductory course in traffic and transport planning, this studio seeks to enable students to appreciate the interface between landuse and transport, sustainable mobility and develop skills in conducting and analyzing various traffic and transportation surveys used in Planning. For this purpose, Taimur Nagar, New Friends Colony was selected as the case study area. All students were exposed to conducting traffic surveys, followed by their detailed analysis and presentation conducted as group exercises, however, with individual tasks and responsibilities. The study included identification of issues, projections and concluded with an area level improvement plan keeping in mind the key principles of sustainable mobility such as inclusive street and transit node design, public transport and last mile connectivity.
3	II	The focus of this studio is on landuse and area appreciation. The broad objectives of this studio are to develop understanding of concepts related to land use classification, hierarchy, permissibility, and development control regulations; to develop understanding of factors affecting spatial organisation at different levels and their impacts and to help appreciate an area (such as a neighbourhood) with respect to various planning aspects and overall quality of life experienced by its residents. The studio has generally three exercises. For the first two exercises, after preliminary studies, students were taken to the city of Chandigarh where they conducted their primary survey and observation across different sectors of the city, followed by the analysis and presentation of the same, distributed over a period of three months. The studio also develops various skills in data collection such as primary survey methods, observation and mapping, their analysis and presentation; and develop other professional skills in teams-working, problem solving, and visual and verbal communication. The third exercise on "economic activity in a city" could be conducted as a desktop research since field visit was not possible owing to the COVID lockdown.

4	IV	<p>(Planning Studio - IV : Site Planning)</p> <p>This studio provides the exposure to the students to plan and design a residential area of around 10-15 hectares. This time students have taken newly developing residential zones from Indore, Madhya Pradesh initiated under various government schemes and private developers. Larger area of about a residential sector was taken for detailed study of site analysis and site context and finally selected around 10 hector areas out of these residential zones for site planning.</p>
5	V	<p>Planning Studio - V: Zonal Plan</p> <p>This studio is aimed to develop an understanding of hierarchy of plans, understand the level of detailing required, developing priorities and a detail project report. For this student prepared Local Area Plans for two areas in Imphal. Two study areas have been taken up in Imphal – i) LAP 1 – Core Area comprising of Thangal Bazar and Paona Bazar, ii) LAP 3- Lamphelpat (Fringe Area of the City). These were demarcated by the Town and Country Planning Department (TCPD), Manipur to be undertaken for AMRUT Scheme.</p>
5	VI	<p>Planning Studio – Master Plan for Tirupati Mandal</p> <p>In this Studio exercise, students comprehend components of a statutory Master Plan document and their significance for the people and communities of the city. Students explored the processes of land use allocations through a case study of Tirupati Mandal.</p>
7	VII	<p>Planning Studio - Regional Plan</p> <p>The aim of this studio is to understand the role and relevance of regional planning; state of art, role of planning at district and sub district level, critical appraisal of district and sub district plans. In addition, the students would learn various approaches, methods and techniques involved in the preparation of regional plan of the chosen district which comprises of few urban and several rural settlements. For this purpose, students along with faculty members visited the district for conducting surveys and secondary data collection during 24 August – 6 September, 2019 for preparing a District Development Plan for East Khasi Hills district.</p>
8	VIII	<p>Thesis (as Coordinator)</p> <p>Students work on individual topics.</p>

8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topics	Name of Guide
1	Vinay Natu	Role of Regulation in Affordable Housing.	Poonam Prakash
2	Abdul Jalal	Model for SEWS housing under Town Planning Schemes.	Ruchita Gupta

3	Aakriti	Planning for Urban Vacant Land of the Indian Railways: A case study of the Municipal Area of Lucknow, UP.	Ashok Kumar
4	Aaradhna Mangla	The Process of Decision Making for Planning Permissions, Case Study Gurugram, Haryana.	Poonam Prakash
5	Amar Singh Rana	Assessment of warehousing requirements for e-commerce.	Mahavir
6	Anirudh Ray	Planning for EV Charging Infrastructure in Indian Cities.	Chidambara
7	Ankit Khatoliya	Assessment of Ridership Feasibility Framework for Metro in Indian Cities.	Sameer Sharma
8	Arushi Verma	Streamlining Spatial Growth of urban areas in Doon Valley Ecologically Sensitive Region.	Mayank Mathur
9	Arzoo Kumari	Resource Mobilization for implementation of a Development Plan.	V K Dhar
10	Behara Vamsi Krishna	Planning for Residual Spaces in Indian cities.	Piyooosh Singh
11	Dachen Lamo	Change in Socio cultural Behaviour and its Impact on Natural Environment of a Traditional Settlement: A case study of Ladakh.	Alka Arora
12	Gurleen Kaur	Planning for Mitigating the Risk of Human - Wildlife Conflict in Urban Areas: a case study of Hardwar and Rajaji National Park.	H Jalali
13	Harsha Burnwal	Impact of Supermarkets on Urban Neighbourhood.	Priti Deo
14	Jyotesna Maurya	Contestations over use of Public Spaces with focus on Vendors Case study Daryaganj Sunday Book Market.	Poonam Prakash
15	Kush Kumar	Assessment of Transportation Demand Management (TDM) on Modal Split.	Sai Ram
16	Mahima Soni	Assessing the Planning of TOD in Ahmedabad.	Harpal Dave
17	Manshita Aggarwal	Formal and Informal Networks in the Plastic Waste Management in Delhi.	R Biswas
18	Mrinal Shrivastava	Impact of Land Uses on Headwater Systems in Upper Subarnarekha Basin.	R Biswas

19	Nancy Grover	Equity in the Distribution of Potable Water in Residential Areas of Delhi.	Ashok Kumar
20	Nitin Chauhan	Energy Efficiency in Urban Areas through Solar Power.	Mayank Mathur
21	Prabhat Yadav	Integration of Refugees into Cities: A case study of Majnuka Tila.	Ankita Mandal
22	Prabhjyot Singh	Application of Urban Growth Modelling Technique and GIS in future Land Use prediction.	Mahavir
23	Pratyush Kumar	Comprehensive Risk Assessment of Planning New Indian Cities, a case study of Dholera.	Ankita Mandal
24	RachitYadav	Reviewing the Applicability of Service Level Benchmarking framework (MoUD) of Urban Transport on Hill Cities: Case study Mussoorie.	Mandeep Singh
25	Rahini Banerjee	Social Mix as a factor for developing Commercial Retail: Case study of Delhi.	Piyooosh Singh
26	Shambhavi Gupta	Planning and Socio-Spatial Segregation in Indian Cities: A Case of Delhi.	Ashok Kumar
27	Shirin Mangla	Assessment of factors which influence the Implementation of Urban Development Projects.	Harpal Dave
28	Vibhuti Raina	Evaluation of Public Participation in Plan Making - with focus on urban poor women.	Poonam Prakash
29	Vishesh Bhardwaj	Travel Behaviour in Mixed Land Use areas: Case study of Delhi.	Chidambara

9. Details of the Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2018	Rashmi Ashtt	Role of private sector in governance of heritage areas.	Mayank Mathur
2	22.2.2013	Suresh Babu	Approaches to Procurement of Land for City Planning and Development: Comparison of Navi Mumbai and Greater Noida.	Ashok Kumar

3	2012-2013	Ms. Seema Kaushal	A Framework for evaluation of Master Plans and Plan making process.	Ashok Kumar and Poonam Prakash
4	22.1.2014	Lalit Kumar	Impact of Private Urban Development on Different Socio- Economic Groups in Haryana: A Case of Sonipat-Kundli Urban Complex.	Ashok Kumar
5	22.1.2014	Harikrishan Gopal Nambiar	Housing Transformation around Major Urban Transportation Nodes in Delhi.	Mayank Mathur
6	17.06.2016	Ms. Neha Verma	Special perspective on women's primary health care accessibility in slums.	Poonam Prakash
7	14..9.2017	Parul Sharma	Developing Accessible urban spaces for Persons with Disabilities in India.	Ashok Kumar and Rabidyuti Biswas
8	14..9.2017	Ajay Kaushal	Inter- Policy Coherence for Better City Planning A Case Study of Indian City.	Ashok Kumar
9	26.12.2018	Ms. Rashmi Ashtt	Governance of Built spaces and Areas of heritage Importance – A critical Approach.	Mayank Mathur
10	26.12.2018	Ms. Sundus Samreen Wani	Climate Change and Urban Flooding – A Case Study of Srinagar City.	Ashok Kumar
11	26.12.2018	Ms. Shilpi Bhaskar Aggarwal	Role of Economic Development in Shaping Cities Post 1991 Reforms – A Case Study of Surat.	Ashok Kumar
12	26.12.2018	Raghunanda S. Aiyangar	Role of Built Environment on Public Health With A Focus on Non Communicable Disease- A Case of Bangalore.	Poonam Prakash

13	21.8.2019	Swara Shah	Implementation of the Street Vendors' Act, 2014: Protection of livelihood and regulation of street vending.	Poonam Prakash
14	21.8.2019	Alka Mohan Arora	Social sustainability (Socio-Spatial Inclusiveness) as Generator of urban form in context of Indian cities.	Mahavir
15	2019-2020	Aarti Nagpal	To study role of public participation in Sustainable Neighbourhood Planning in Indian context.	Poonam Prakash and Shweta Manchanda
16	2019-2020	Ms. Kajal Goyal	Planning and Management of river flood plain to enhance ground water level: A case of Yamuna, Delhi.	R. Biswas
17	2019-2020	Ms. Ashu Chaudhary	Urban Renewal in Metropolitan City - Delhi.	Poonam Prakash
18	2019-2020	Ms. Sheilja Singh	Rejuvenation of Water Spaces of Delhi: A Sustainable and An Ecological Approach	R. Biswas
19	2019-2020	Maheshwari Gupta	Integration of Water Policies in Urban Planning: Case of NCT Delhi.	R. Biswas
20	2019-2020	Parul Kapoor	Role of SPV's in envisioning Smart Urban India.	Poonam Prakash
21	2019-2020	Savitri Kumari	Water Governance of Delhi.	R. Biswas
22	2019-2020	Tarisha Gaurav Desai	Developing a conceptual framework to understand Indian cities having focus on Historical processes- A case study of Vadodara.	Poonam Prakash
23	2019-2020	Shri Akhil Das	Framework for Responsive Land –Use.	R. Biswas

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
Megaprojects and Reshaping of Urban Futures: Governance and Equity in the Delhi-Mumbai Industrial Corridor.	British Academy, London	Sanjay Gupta	Ashok Kumar
Deindustrialization in India: A Case of Kanpur, U.P.	ESRC, London	None	Ashok Kumar
Preparation of ICAPs in Rajasthan.	Government of Rajasthan	R. Biswas, P.S.N. Rao	Ashok Kumar
Global Water Security and Sustainable Development.	GCRF, UKERI, UK	P.S.N Rao, Rabidyuti Biswas	Ashok Kumar
Web-based Tool for Plan Modifications.	DIC, MHRD, New Delhi	Ashok Kumar	Poonam Prakash

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Framing Model Land Use Regulations Development Controls, Service Level Benchmarks with Appropriate Enforcement Mechanisms for Rurban Clusters.	Ministry of Rural Development, Government of India, New Delhi	R. Biswas, P.S.N. Rao	Ashok Kumar
Verification audit of facilities meant for PwD in and around selected railway stations in India.	Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Government of India	R. Biswas, P.S.N. Rao, Manu Mahajan	Ashok Kumar

Rurban projects for four states.	State governments of U.P., Kerala, Haryana and Rajasthan	R. Biswas, P.S.N. Rao, M. Dhote	Ashok Kumar
Preparation of ICAPs for Rurban Mission for Rajasthan.	Government of Rajasthan	Rabidyuti Biswas	Ashok Kumar
Verification Audit of Facilities for PwDs in and around selected Railway Stations in India.	Ministry of Social Welfare and Justice, Government of Indian	Rabidyuti Biswas, P.S.N. Rao, Manu Mahajan	Ashok Kumar
Accessibility Audit for PWD of Two Police Stations in Delhi.	Ministry of Social Welfare and Justice, Government of Indian	Ashok Kumar, Rabidyuti Biswas,	Ashok Kumar
Sectoral Plan for Baddi Barotiwala Nalagarh.	BBNDA	Ashok Kumar, R. Biswas, Poonam Prakash	Mayank Mathur
Preparation of Master Plan for Gogamukh, Assam.	NHPC	Ashok Kumar, Mayank Mathur, Poonam Prakash	Rabidyuti Biswas
Comprehensive Mobility Plan for Dwarka.	DDA	Chidambara	Sanjay Gupta

12. Details of Publications

Ashok Kumar, A. (2019). Land Appropriation for Planned Urban Development: A case of Delhi's Land Pooling Policy, 2013, *ITPI Journal*, 16 (4): 22-30.

Kumar, A. (2020). The Right to Centrality and Discursive Articulations: A case of City Planning Policies in Delhi, in Gabriele Koehler, Alberto D. Cimadamore, Fadia Kiwan, Pedro Manuel Monreal Gonzalez (eds.) *The Politics of Social Exclusion: Bridging Knowledge and Politics towards Social Change*, Paris: UNESCO.

Kumar, A. and Biswas, R. (2020) *Access Audit of Two Police Stations*, DoEPD, New Delhi: Ministry of Social Justice and Empowerment, Government of India.

Mahavir Banerjee, Arpita and Mahavir "Application of a Geo-spatial Planning Model on Rurban Clusters: Case Study of Khunti, Jharkhand", *SPACE*, Volume 22, No.1-4, ISSN 0970-0706.

Banerjee, Arpita and Mahavir and Lata, Kusum (2019) *A Geo-Spatial Information Model for Rurban Planning. REAL CORP 2019 – IS THIS THE REAL WORLD? Perfect Smart Cities vs. Real Emotional Cities*. Proceedings of 24th International Conference on Urban Planning, Regional Development and Information Society. pp. 45-54. ISSN 2521-3938.

Gopal, A, Mathur, M and Singh, M (2020) Change in Urban Form: approaches for Assessment and Analysis in Temple Cities of India, *International Journal of Scientific and Engineering Research*, Volume 11, Issue1, January 2020, 513-518.

Kapoor, S, Sehgal, V, Mathur, M (2020) *Environmental Psychology of a Pilgrim in search for Authentic Experience at Religious Destination: A Case example of City Govardhan'*, International Conference on Contemporary Computing and Applications (IC3A), February, 2020.

Priti Deo Deo, P. (2019, September). Geo-Spatial techniques: An Instrument for Regional Planning. *Coordinates*, Volume XV (Issue 9), pp. 35-41.

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

Ashok Kumar

National Committees

- Member, Senate, SPA, Bhopal, Madhya Pradesh.
- Member, Senate, SPA, Vijayawada, Andhra Pradesh.
- Member, Strategic Academic Advisory Board, Xavier Center for Urban Management and Governance, Xavier University, Bhubaneswar, Odisha.
- Member, Faculty Board of Physical Planning and architecture, GNDU, Amritsar, Punjab.
- Member, Board of Studies in Urban and Regional Planning, SPA, University of Mysore, Karnataka.

International Committees

- Member, Executive Board on the GCRF Water Security and Sustainable Development.
- Member, Regional Studies Association, U.K.
- Member, The American Association of Geographers, Washington D.C., U.S.

Editorial Boards

- Editorial Board, ITPI, New Delhi.
- Editor, ITPI Journal and Planners' Newsletter.
- Scientific Correspondent, Editorial Board Member of Spatial Justice Journal from the Université Paris X Nanterre, Paris, France.
- Scientific Correspondent for the newly launched Spatial Justice Journal.
- Member, Editorial Board Member, International Advisory Board Journal of Design and Built Environment, Kuala Lumpur, Malaysia.

Mahavir

National Committees

- Member of the Expert Committee - Comprehensive Development Strategy for the Entire State including Capital - Andhra Pradesh, India.
- Selection Committee for Faculty Selection, NIT-Trichurapalli; MANIT - Bhopal; NIT Hamirpur; IIT Kharagpur; DDA, New Delhi; NCRPB, New Delhi.
- Expert Member, Delineation of the NCR, NCR Planning Board, New Delhi
- Member, GATE Committee 2021-22, IIT Roorkee.
- Member, Expert Committee for Framing Design & Standards for Application of Drone/UAVs Technology for formulation of GIS-based Master Plans for Small and Medium Towns, Ministry of Housing and Urban Affairs, New Delhi.

Editorial Boards

- Editor, SPACE Journal of Planning and Architecture, New Delhi, ISSN 0970-0706.

Mayank Mathur

National Committees

- Secretary, Educational Standing Committee, ITPI, New Delhi.
- Member, Board of Studies for Bachelor of Planning Programme, College of Engineering, Pune.
- Member, Board of Studies, Department of Architecture and Planning, GautumBuddh University, Greater NOIDA, U. P.
- Member, Board of Studies, DCRUST, Murthal.
- Member, Board of Studies, Amity School of Architecture and Planning, Gwalior.
- Member, Board of Studies, Amity School of Architecture and Planning, Manesar, Gurgaon.
- Member of Doctoral Research Committee in the Department of Urban Planning, SPA New Delhi.
- Chairman of Expert Committee for evaluation of M Plan course, Chennai.
- Chairman of Expert Committee for evaluation of M Plan course at Department of Architecture and Planning, Gautum Buddh University, Greater NOIDA, U. P.

International Committees

- Evaluation of Research work, for the post of Professor, General Specialization Urban and Regional Planning for King Abdul Aziz University, Jeddah, Saudi Arabia.

Editorial Boards

- Member, commongroundpublishing.com.

Any Other

- Member, Senate of the SPA, New Delhi.
- Executive Member, IHS, Alumni Association, New Delhi.
- Vice President, Institute for Housing Studies Alumni Association.

Dr. Rabidyuti Biswas

National Committees

- Secretary, Educational Standing Committee, ITPI.
- Secretary, Examination TPEB, ITPI.
- Member, Professional Standing Committee, ITPI.
- Member, Educational Standing Committee, ITPI.
- Member, Evaluation Committee, ITPI.
- Paper setting and vetting committee, JEE.

Poonam Prakash

National Committees

- Paper Setting Committee for GATE Examination.
- Paper Setting Committee for JEE Examination.
- Selection Committee for HUDCO Award for Best Practices.
- Jury Member, Design Competition of CHB Housing, Chandigarh.
- Member, RAC, Department of Architecture and Planning, NIRMA university.
- Board Member, TACET.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Ashok Kumar and P.S.N. Rao Training programme on Urban Governance at SPA, New Delhi, "Training of officers of the Ernst and Young (Urban Team)", from 14.02.2020 to 15.02.2020.

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

Ashok Kumar Workshop on Rural Development, National Capital Region Board, New Delhi, National Workshop; Title of presentation: *Polycentric Development in the NCR*, on 18.12.2019.

Fourth Annual Research on Cities Summit: Cities for People, policies, plans and programs, the Xavier University, Bhubaneshwar, Odisha, International Summit: Title of presentation: Knowledge systems for Sustainable Cities: *Revision of Model Curriculum for Master of Planning*, from 7.02.2020 to 08.02.2020.

A Roundtable on Planning Education and Practice held at the Xavier University, Bhubaneshwar, Odisha, National Seminar: Title of presentation: *Envisioning Model Curriculum for Master of Planning*, on 8.11.2019.

National Town and Country Planners' Congress, ITPI held at Mumbai, National Seminar: Title of presentation: Spatial Planning in the Times of National Missions and Guidelines, from 10.01.2020 to 12.01.2020.

Mayank Mathur Paper presented on 'Microenvironment and health in Slums' at Ninth International Conference on Health, Wellness and Society, organized by University of California, Berkeley, USA, International Conference from 19.09.2019 to 20.09.2019.

Presented and participated in Webinar on 'Climate Change, Spatial Planning and COVID-19: Challenges and Lessons for future planning in Haryana' and presented on Impact of COVID-19 on City, National Webinar on 08.05.2020.

Delivered Special Lecture on 'Health and Built Environment' on 10th February, 2020, at Amity University, Gwalior. Lecture on 10.02.2020.

Rabidyuti Biswas Hub Assembly: Water Security and Sustainable Development, Ethiopia, International Workshop, from 22.02.2020 to 29.02.2020.

Hub Assembly: Water Security and Sustainable Development, Malaysia, International Workshop, from 20.09.2019 to 28.09.2019.

Model Land use Regulations, Development Control and Service Level Bench marks with Appropriate Enforcement Mechanism for SPMRM Cluster National Workshop, on 5.02.2019.

Poonam Prakash *Can We de-velop Shared Understanding of Boundaries - A Case of Mixed-Use Regulations in Delhi* at a conference titled 2nd Urbanism at Borders Global Conference - Borders within Border: Fragmentation, Disposition and Connection held from 23-25 October 2019, at Malaga, Spain.

Planning under Pressure: A Case of Mix Land Use in Delhi, presentation at Workshop on Critical Sustainability Concepts in Urban Planning, Pedagogic Tools in Urban Planning Education, CEPT University, from 1-3 August 2019.

Presentation on Impact of COVID 19 and Urban Development in India, Webinar organised by Parul University, in April 2020.

Presentation on Future of Urban Work: Implications of Work from Home in Indian Cities, Webinar organised by GICEA, Gujarat Chapter, on 9 May 2020.

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

Ashok Kumar International Conference on Future Cities, IIT Roorkee, Uttarakhand, International Conference: Attended as Co-chair in two sessions, from 11.12.2019 to 12.12. 2019.

Workshop on Rural Development, National Capital Region Board, New Delhi, National Workshop; Title of presentation: *Polycentric Development in the NCR*, on 18.12. 2019

Fourth Annual Research on Cities Summit: Cities for People, policies, plans and programs, the Xavier University, Bhubaneshwar, Odisha, International Summit: Title of presentation: Knowledge systems for Sustainable Cities: *Revision of Model Curriculum for Master of Planning*, from 7.02.2020 to 8.02.2020.

A Roundtable on Planning Education and Practice held at the Xavier University, Bhubaneshwar, Odisha, National Seminar: Title of presentation: *Envisioning Model Curriculum for Master of Planning*, on 8.11.2019.

National Town and Country Planners' Congress, ITPI held at Mumbai, National Seminar: Title of presentation: Spatial Planning in the Times of National Missions and Guidelines, from 10.01.2020 to 12.01.2020.

Mahavir Défense Tech Connect, Smart Cities Connect Fall, and SBIR/ STTR Fall Innovation events, Washington DC, USA, International Conference & Exhibition, from 8.10.2019 to 10.10.2019.

Meeting of Stakeholders for AMRUT Scheme, MoHUA and ISRO, Hyderabad.

Mayank Mathur	<p>Attended 68th National Town and Country Planners Congress, on National Missions: Spatial Planning and Implementation Initiatives, at Mumbai, from 11.01.2020 to 13.01.2020.</p> <p>India & the Coronavirus: How to protect and rebuild the economy', Organized by National Council of Applied Economic Research, on 30.04.2020.</p> <p>Post COVID -19 Planning of Cities and Towns, organized by ITPI, Delhi, on 02.05.2020.</p> <p>Housing the Urban Poor in Contested Cities', on 12.05.2020.</p> <p>CSE's Webinar for Environment Educators on Environment, Development and Climate Change in context of COVID-19, on 13.05.2020.</p> <p>International Day of Living Together in Peace' from UNESCO Chair at York University, on 16.05.2020.</p> <p>Revisiting of Planning Practices and Education for New Normal' organized by ITPI, Delhi, on 23.05.2020.</p> <p>Mapping the Urban Data Gaps' organized by Geospatial Media and Communications, on 29.05.2020.</p>
Rabidyuti Biswas	<p>Stakeholder Workshop on Water Security and Sustainable Development in NCT of Delhi, National Workshop, on 13.03.2020.</p> <p>Orientation Programme on Urban Governance, National Workshop, on 14.02.2020 to 15.02.2020.</p> <p>International Conference on Future Cities, International Conference, from 11.12.2019 to 12.12.2019.</p> <p>Social Media Management and Practice, National Workshop, on 27.12.2019.</p>
Poonam Prakash	<p>National Town and Country Planners' Congress, ITPI held at Mumbai, National Seminar: Title of presentation: Spatial Planning in the Times of National Missions and Guidelines, from 10.01.2020 to 12.01.2020.</p> <p>International Conference on In and Beyond the City: Emerging Ontologies, Persistent Challenges and Hopeful Future, RC21@Delhi, India Habitat Centre, from 18-21 September.</p>
Chidambara	<p>Smart Cities and Transport: Steering to a More Sustainable Future, Under Reform, N. Delhi International Workshop, on 03.03.2020.</p>
Papiya Badyopadhyay Raut	<p>Attended a workshop on "Safe Mobility in Indian Cities, 2019, Organized by the ITPI, on 27.09.2019.</p> <p>World Habital Day 2019 "Frontier Technologies to Transform Waste to Wealth" on 04.10.2019, Organized by the ITPI.</p> <p>A colloquium on "Urban Environment and the Cities, organized by the ITPI on 08.11.2019.</p>

Webinar on post Covid 19 “Planning of Cities and Towns” (Part I), Organized by the ITPI, on 02.05. 2020.

Webinar on post Covid 19 “Urban Planning” (Part -II), Organized by the ITPI, on 09.05.2020.

Webinar on post Covid 19 “Urban Planning” (Part - III), Organized by the ITPI, on 16.05.2020.

Webinar on post Covid 19 “Revisiting Planning Practices and Education” (Part - IV), Organized by the ITPI, on 23.05.2020.

Training Programme in IIPA ' Science and Technology for Rural Societies, Organized by the IIPA, from 25.11.2019 to 29.11.2019.

Piyooosh Singh All India DIC Meet, National Seminar, from 11.04.2019 to 12.04.2019.

Urban Environment and the Cities National Colloquium, on 8.11.2019.

Frontier Technologies to Transform Waste to Wealth National Seminar on World Habitat Day, on 4.10.2019.

Safe Mobility in Indian Cities National Seminar, on 27.09.2019.

Waste and Plastic Reduction and Management National Workshop, on 23.05.2019.

17. Membership of Professional Bodies

Poonam Prakash	Member, ITPI, Member International Sociological Association.
Ashok Kumar	Fellow, Institute of Town Planners India.
Mahavir	Fellow, Institute of Town Planners India; Life Member IIPA; Life Member ISRS.
Mayank Mathur	Fellow, Institute of Town Planners India; Member, Indian Institute of Architects.
Rabidyuti Biswas	Fellow, Institute of Town Planners India; AME; MISRS, FICER; MIWRS; MIUT
Chidambara	Associate, Institute of Town Planners India, Member, Institute of Urban Transport.
Priti Deo	Associate Member, Institute of Town Planner, India; Member, Regional Science Association, India; Member, National Association of Geographers, India; Member, Institute of Urban Transport, India; Member, Indian Society for Remote Sensing.
Papiya Bandyopadhyay Raut	Associate Member, Institute of Town Planner, India.

Piyooosh Singh	Member, ITPI.
Ankita Mandal	Associate Member, ITPI.
Honey Jalali	Associate, Institute of Town Planners India; Member, Indian Institute of Architects.

18. Any Other Information of Relevance

Ashok Kumar

- Edited four issues of the ITPI Journal and four issues of the Planners' Newsletter of the ITPI, New Delhi.
- Visited SPA, Bhopal, Madhya Pradesh from 21-22 January 2020 as Expert Member of the Faculty Selection Committee.
- Visited IIT Roorkee for faculty selection.

Mahavir

- Examiner for Ph.D., JNAFAU, Hyderabad; IIT Roorkee; IIT Guwahati; SPA Vijayawada; KIIT, Bhubaneswar; Examiner for Thesis, MNIT, Jaipur.
- Was a Guest of Honour at the Faculty of Architecture and Planning, University of Buffalo, USA, and negotiated an MOU with them, on behalf of the School.

Mayank Mathur

- External Examiner for master's thesis at JamiaMilia for Dissertation-III, M. Arch Urban Regeneration on Monday, on 9th December 2019.
- Examined and invited as External Examiner for Ph.D. thesis for IKG-Punjab Technical University, Khunimajara, Mohali, on 3rd October 2019.
- Examined and invited as External Examiner for one Ph.D. thesis for Nagpur University in March 2019 (not held due to COVID19).
- External Examiner for Ph.D. thesis DCR University of Science and Technology, Murthal, Sonipat, Haryana on 06 July 2020. (Through online mode).
- Examined one Ph.D. for Guru Nanak Dev University, Amritsar (Punjab).

Poonam Prakash

- Took a course on Housing for M.Architecture in Chandigarh College of Architecture - September to November 2019.
- Assisted in preparation of course curriculum for B.Planning and M.Planning for AICTE.
- Participated in Board of Enquiry and Hearing for Public Notices for Change of Land Use issued by the DDA and also used this as a pedagogical tool to teach students about technical scrutiny and participation.

Priti Deo

- Completed 5 Weeks Course on 'Urban Nature: Connecting Cities, Nature and Innovation' offered by LUND University through Coursera, (Online Mode) May-June 2020.
- Organized summer internship.

Special Lectures Organised

- Prof. Kirk R Smith, University of California, Berkeley on Indoor Air Pollution and Clean Air, at SPA, New Delhi at 11 a.m. 9th October 2019.
- Ms. Ira Gupta on Transport Planning II, 08-August-2019.
- Sh. Rajiv Malhotra, Planning imperatives for the NCR, 10 October 2019.
- Prof. H.B. Singh, Planning for Hill Districts, 17-October-2019.
- Planning for Tribal Regions, 24 October 2019.
- Dr. Manish Kumar, Network Analysis using GIS, 18-October-2019.
- Dr. Manish Kumar, Network Analysis using GIS, 01-November-2019.
- Mr. Shalab Kumar, Water supply and Management for Delhi, 30-October-2019.
- Mr. Prateek, Future Cities, 03-February-2020.
- Mr. Shyam Sunder, Built Environment Experience by a Visually Challenged Person, 12-February-2020.
- Mr. Vishu Chandra, GIS Platform for Utility Mapping, 21-February-2020.
- Mr. Mandeep Singh, Digital Twin Special Class, 28-February-2020.
- Mr. Mohd. Monis Khan, 1year IIInd Semester, "Formulation of GIS based Master Plans for AMRUT; and Drone Mapping for Small and Medium Town.
- Dr. Prabh Bedi, 1year IIInd Semester, "Introduction to NUSI, SDI, NGIS and Data as Infrastructure.
- Ms. Piyali Bandyopadhyay, Introduction to ENVIS and its Interface with NUIS.
- Prof. Sanjeev Vidyarthi, Pragmatic Planning, April 2020.
- Mr. B.K. Agawal, Urban Governance and Management, 24-June-2020.
- Mr. Arvind Varshney, Smart Cities : Idea and Implementation, 3 July 2020.

Three of B.Planning students Mr. Nikhil Sahu, Mr. Prabhat Yadav and Mr. Yuvraj Singer participated in the international conference and presented a paper titled "**The Geddesian Dream: A Century in the Making**" in the International Conference, organised by School of Architecture, IPS Academy commemorating 100 years of Sir Patrick Geddes report to the Durbar of Indore. 25-27 September 2019

Award to B.Planning Students at the World Urban Forum, Abu Dhabi

Prabhat Yadav , Pratim Sankar Talukdar, Yuvraj Singer participated in the "Local Project Challenge", launched in the month of April, 2019, by the United Nations Organisation (UNO) as a part of the New Urban Agenda (NUA) for a Networking event in World Urban Forum, 2020.

Their proposed project "Zero Waste, Total Wealth" was selected by the International Expert panel to receive an award on merit at "UN World Urban Forum", at Abu Dhabi, on 12th February, 2020.

NOSPLAN

The School of Planning and Architecture, New Delhi was the overall winner of the NOSPLAN Convention 2019-20 out of seventeen colleges who participated at the National Convention. The event was organised by the University of Petroleum and Energy Studies, Dehradun in December 2019.

2.3 DEPARTMENT OF ARCHITECTURAL CONSERVATION

1. Academic Programs Offered by the Department

- Master of Architecture (with specialization in Architectural Conservation)
- Ph.D. programme in Architecture Conservation

2. Year of Establishment of the Department : 1986

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
Anuradha Chaturvedi	B.Arch.; M.A. Conservation Studies; Certificate in Archaeological Conservation	Associate Professor Head of the Department of Architectural Conservation (till 19.05.2020), Head-in-charge, Department of Landscape Architecture (from 01.01.2020 to 30.06.2020)	Heritage Management and Sustainable Development, Cultural Landscapes	CA/1986/10073
Priyaleen Singh	Ph.D.; M.L.Arch.; M.A. Conservation Studies; Cert Course Conservation of Historic Towns, B.Arch.	Professor	Urban Conservation, Cultural Landscapes, Historic Gardens	CA/82/6906
T. Lakshmi Priya	Masters in Architectural Conservation, RRCH (ICCROM)	Assistant Professor	Conservation and Heritage Management	CA/93/16037
Bharti Sikri	B. Arch., M.Arch	Assistant Professor (on Contract)	Architectural Conservation	CA/2013/60157

4. Details of teaching work undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Anuradha Chaturvedi	I	Foundation Course: History, Theory and Criticism (Theory)	1
	II	Emerging Paradigms (Theory)	1
	II	Conservation Studio (Studio)	8
	III	Conservation Studio (Studio)	8
	III	Research Paper I (Theory)	1
	IV	Research Paper II	1
Priyaleen Singh	I	History Theory of Conservation	1
	I	Design studio	4
	II	Historic gardens (elective)	1
	III	Design studio	4
	IV + guiding 6 Ph.D. students	Thesis studio + guiding 6 PhD students	4 + 3
T. Lakshmi Priya	I	Management of Historic Building Systems (Theory) Conservation Studio	112
	II	Integrated Urban Conservation, Cultural Landscapes	1, 1
	III	Heritage Economics, Inter Department Elective	1,2
	IV	Management Seminar	2
	IV	Conservation Studio	12
Bharti Sikri	I	Building Material and Structural Systems	1
		Architectural Conservation Studio	8
	II	Building Material and Structural system II	1
		Urban Conservation Studio	4
	III	Research Paper I	1
		Departmental Elective	2
		Cultural Landscape studio	4
		Heritage Tourism	1
	IV	Research Paper II	2
		Thesis Studio	8

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Priyaleen Singh	II, B.Arch.	Special lecture on 'Mughal gardens of Agra' 14 Oct 2019	3 total
T.Lakshmi Priya	III	Inter Department Elective "Impact Assessment of Development Projects on Heritage"	2
Bharti Sikri	II, M. Arch.	Interdepartmental Elective - "Heritage Tourism and Relevance for Sustainable Development"	2

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/ Week
1	Dr. Manish Kumar	I	GIS Basis (Theory)	2
2	Mr. R. S. Jamwal	I	Building Materials and Structural Systems (Theory)	1
3	Dr. Rima Hooja	I	Foundation Course (Theory)	1
		III	Research Paper (Theory)	1
4	Mr. Satish Pandey	I	Conservation Lab(Theory	1
5	Ms. A Vijaya	I	Management of Historic Building Systems (Theory)	1
		IV	Conservation Studio -4 (Studio)	4
6	Ms. Chetna Singh	I	Planning for Conservation (Theory)	0.5
7	Prof. Dr. Meenakshi Dhote	I	Planning for Conservation (Theory)	0.5
8	Mr. M. L. Chotani	I	Planning for Conservation (Theory)	0.5
9	Ms. Harshita Deo	I	Planning of Conservation (Theory)	0.25
10	Prof. Dr. Sewa Ram	I	Planning of Conservation (Theory)	0.25
11	Ms. Shahena Khan	I	Oral and Visual Communication (Theory)	1
		II	Department Elective (Theory)	1
		III	Conservation Studio-2	8
			Conservation Studio-3	4
12	Mr. Shubham Mishra	II	GIS Advanced (Theory)	2
13	Ms. Shaista Perveen	II	Department Elective (Theory)	2
14	Mr. Sukanta Saha	I	Conservation Studio-1	1
		IV	Conservation Studio-4	6
15	Mr. Azfar Ahmad	III	Department Elective (Theory)	2

16	Ms. Vertika Sharma	II	Heritage Law and Jurisprudence (Theory)	1
17	Dr. V N. Prabhakar	II	Archaeology (Theory)	1
18	Ms. Smita Datta Makhija	II	Conservation Studio-2	2
19	Mr. Vaibhav Prakash	II	Conservation Studio-2	2

7. Details of Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	I	<p>Conservation and management of the cultural resources of Jahanpanah, the fourth historic city of Delhi</p> <p>The studio provided in depth understanding of the historic city of Delhi through primary surveys and research, with particular focus on the cultural resources of Jahanpanah and its environs. Significance of the various heritage resources of Jahanpanah was established by examining, identifying and documenting the heritage structures and sites. Documentation included mapping, inventorying, measured drawings, and condition assessment of historic buildings and sites. Various levels of conservation interventions were proposed. Conservation plans for the sustenance of the values of the heritage structures were prepared which addressed the conservation and heritage management issues of Jahanpanah in the present context.</p>
2	II	<p>“Sustainable Approaches for Urban Conservation and Regeneration of Historic Towns-Vision 2020: Karaikal– Tirunallar, Pondicherry.”</p> <p>The Urban Conservation studio focused on developing an understanding of historic settlement typologies of traditional pilgrimage centers and colonial port towns, with a focus on Karaikal- Tirunallar. Historic stratification, layers of history, values and meaning of the ‘shared heritage’ for the communities were studied through secondary sources and primary site studies. The process of Listing and preparing Inventories was undertaken for cultural heritage resource mapping in the twin towns. Documentation and analysis was conducted based on urban systems approach and their inter-relational dynamics in the past and in today’s context, useful for identification of the agents and patterns of transformation. Models of integrated and participatory conservation were proposed by integrating conservation with sustainable development imperatives. Detailed project proposals for conservation of hydrological systems, revitalisation of streets and open spaces, restoration, retrofitting and adaptive reuse of many public buildings and residential typologies, and infrastructure upgradation were undertaken for Urban Conservation and Regeneration of historic towns.</p>

3	III	<p>“Mainstreaming Heritage Management, Sustainable Conservation and Development of Cultural Landscapes into Government Programmes: Case Study-Cultural Landscape of the Doon Valley and Jaunsar, Garhwal, Uttarakhand.”</p> <p>The Cultural Landscape studio for mainstreaming heritage management of the variegated cultural landscape of the Doon valley within various programmes of the Government identified strategies for integrated conservation. Assessment of the existing normative framework for rural landscapes, archival research, secondary studies was followed by primary surveys for preparation of inventories, documentation and analysis of the existing natural and cultural resources of Doon valley- Jaunsar region based on the systems approach. Identification of conservation-related issues, urban expansion, forest conservation, the impact of tourism and proposed development measures were analysed with relevant legislation and management frameworks and current government schemes like smart city, AMRUT etc. to make guidelines for mainstreaming conservation legislation and management processes of the region concerning rural landscapes.</p>
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8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Akanksha Pal	Reinstating Industrial Heritage of Delhi of 19th/20th Century: Adaptive Reuse of Baraf Khana, Old Sabzimand.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
2	Anand Vishnu B.U.	Punarjivatu-Integrated Conservation Plan for Historic Core of Kottakkal Malappuram, Kerela.	Priyaleen Singh , T. Lakshmi Priya, Ms. A. Vijaya , Mr. Sukanta Saha, Ms. Bharti Sikri
3	Anubhuti Jain	Conservation Strategies for the 19th and Early 20th Century (1818-1947 A.D.) Heritage of Udaipur, Rajasthan: Swarup Sagar Precinct.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
4	Fersana Hashim	Conservation Management Plan for the Cultural Landscape of Kuttikkanam in Peermade.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
5	Guru Prasath A.	Comprehensive Conservation Management of Mandagappadigal Along Kallazhagar Procession.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha,

			Ms. Bharti Sikri,
6	Lakshmi Krishnaraj	Revitalization of Historic Inland Port Area, Thrissur.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
7	Lyngksiar N Khongwir	Conservation Management Plan for the Heritage Precincts of Sohra (Cherrapunjee).	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
8	Mohit Jangid	Sustainable Conservation and Adaptive Reuse of Ramgarh Fort.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
9	Nirzary H. Pujara	An Integrated Revitalisation of the Khanjahan Mohallah and Somnath Bhudar No Aaro, Ahmedabad Revitalising Communities Through Integrated Heritage Management.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
10	Om Diwakar	Conservation Management Plan For Rajnagar Palace Complex, Madhubani.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
11	Radhika K. M.	Conservation Strategies for the Residential Complexes in the Fort Area of Tripunithura.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
12	Raghav Sharma	Conservation Management Plan for the Heritage Precinct of Radha Krishna Temple Complex, Lameta.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
13	Rajrupa Kundu Saha	Re-Discovering the Colonial Heritage of Cuttack.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
14	Snigdha Srivastava	Conservation Management Plan for the Institutional Precinct of Maharaja Sayajirao University and Sayaji Baug, Baroda.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha,

			Ms. Bharti Sikri
15	Sohini Pyne	Rediscovering the Cultural Pluralism of Central Calcutta (Parts of Burrabazaar, Tiretta Bazaar and Bow Bazaar).	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya, Mr. Sukanta Saha, Ms. Bharti Sikri
16	Gaurav Mishra	Comprehensive Conservation Plan for Rajgarh Palace, Datia.	Priyaleen Singh, T. Lakshmi Priya, Ms. A. Vijaya , Mr. Sukanta Saha, Ms. Bharti Sikri

9. Details of the Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2016-17	Ms. Bulbul Shukla	“Colonial Maidan and Urban Culture: An Inquiry through Collective Memory”.	Priyaleen Singh, Anand Wadwekar
2	2018-19	Ms. Shalini Dasgupta	“Evaluating Comfort in Historic Buildings in India: Heritage Hotels in Warm-Humid Climate”.	Priyaleen Singh, Shweta Manchanda
3	2018-19	Ms. Ibynta Bakmen Tiewsoh	“Community Led approach towards a sustainable model of rural tourism to Conserve the Built and Natural Heritage of Meghalaya”.	Priyaleen Singh
4	2018-19	Mr. Divay Gupta	“Converging Mythologies and Geographies in creating multiple manifestation of Kashi”.	Priyaleen Singh
5	2019-20	Ms. Mekhla Parihar	“Displaced Cultural Heritage and built environment: case of women of Sahariya Tribe of Madhya Pradesh”.	Priyaleen Singh
6	2019-20	Ms. Meenal Swapnil Rohankar	“Spirit of the Place manifested in sacred space making: Sacred groves of Madhei basin Western ghats of Goa”.	Priyaleen Singh

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
From Lab to Conservation Site: Research on performance of improved traditional materials and techniques. India- Italy Scientific and Technological Programme 2017-19, Collaborative research project between CNR-IGG (Italian Research Council, Florence) and SPA.	Department of Science and Technology, Government of India and Department of International Cooperation, Government of Italy	T. Lakshmi Priya (Co-Investigator)	Anuradha Chaturvedi (Principal Investigator)
Report on Feasibility of Development of a Heritage Building Information Model System (HBIMS) for Rashtrapati Bhavan.	In collaboration with the CPWD	-----	Anuradha Chaturvedi (Principal Investigator)
Design Innovation Centre, wEConserve project.	Ministry of Human and Resource Development	Bharti Sikri	Anuradha Chaturvedi
HIA for redevelopment of IIPA.	INTACH, AH Division	--	Priyaleen Singh as advisor
Research contribution to 'National Register of Historic gardens'.	INTACH, Listing Cell	--	Priyaleen Singh as advisor
Thematic study on Tea Landscapes of Asia.	ICOMOS	--	Priyaleen Singh as advisor

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Heritage Impact Assessment for Construction on Jamia Campus in close vicinity of Tughlaquabad.	Jamia Hamdard University	--	Anuradha Chaturvedi
Heritage Impact Assessment for 14 monuments along the RRTS Sarai Kale Khan to SNB Corridor alignment of the RRTS in Delhi.	National Capital Region Transport Corporation	Sanjukta Bhaduri, Priyaleen Singh, Sewa Ram, T. Lakshmi Priya, Salman Khursheed	Anuradha Chaturvedi
Sector Advisor on Heritage for formulation (for Baseline, Visioning and Goal Setting) of the Delhi Master Plan 2041.	DDA and NIUA	Associate Professor Anuradha Chaturvedi	Anuradha Chaturvedi

Comprehensive Conservation Management Plan for National Archives of India (NAI), New Delhi.	National Archives of India, Ministry of Culture	T.Lakshmi Priya, Nalini Thakur (Retd.)	T. Lakshmi Priya
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12. Details of Publications

Anuradha Chaturvedi	wEConserve. School of Planning and Architecture, Delhi. 2019. Shahjahanabad ke Sahayak: Towards Conservation and Regeneration. Department of Architectural Conservation (Bilingual- Hindi and English). Conservation Projects undertaken as Conservation Architect for INTACH Projects (1986-1996) on Leh Development Plan, Ladakh; Stok Palace, Ladakh; Hemis Monastery, Ladakh; Rashtrapati Niwas-Viceregal Lodge, Simla; published in INTACH. 2019. A Momentous Journey – 30 years of the Architectural Heritage Division.p.39, p.43, p.44, p.85.
Priyaleen Singh	Singh, Priyaleen. 2019 'Textures of Mughal Court' Book review of Ebba Koch(ed), 'The Mughal Empire from Jahangir to Shah Jahan' published by the Marg Foundation in <i>Landscape journal</i> Issue #59 pgs 88-93. Singh, Priyaleen. 2019 Book review of Meghal Arya, Spatial ecology of Water, Ahmedabad, India: AADI centre, in <i>Journal of Heritage Management Issue</i> 4(2), 2019, pg 235-237. SAGE publications DOI: 10.1177/2455929619877573. Project on 'Restoration of the Mughal Char bagh at ItimadudDaulah tomb complex' featured in <i>Landscape Journal</i> Issue # 59. Pgs 30-43.

13. Details of Membership in Committees/ Editorial Boards/ any other

Anuradha Chaturvedi

National Committees

- Chairperson of Building Lime and Gypsum Products Sectional Committee, CED4, Bureau of Indian Standards (BIS), Manak Bhawan, New Delhi.
- Member, Sub-Committee on Heritage BIM for Rashtrapati Bhavan, CPWD.
- Member representing SPA, New Delhi, on Working Group and Convenor of BIS Panel for Handbook on Limes and revision of IS 712, Manak Bhawan, New Delhi.

International Committees

- Member, Scientific Committee, of 'Journal of Traditional Building, Architecture and Urbanism', published online by International Network of Traditional Building, Architecture and Urbanism (INTBAU Spain) (www.traditionalarchitecturejournal.com).

Editorial Boards

- Member, Peer Review Board of ICOMOS Scientific Symposium on 'Structural and Material Analysis in Built Heritage Conservation'.

Any Other

- Member, Sub-Committee of Delhi Urban Heritage Foundation constituted to review the Delhi Urban Heritage Foundation Regulations, 1999.

Priyaleen Singh

National Committees

- Member, Core group for preparation of National Disaster Management guidelines on Risk management of centrally protected monuments. NDMA, Govt of India.
- Member DRC (PhD programme). Department of Conservation, School of Planning and Architecture, Bhopal.
- Member Academic Sub Committee to look at revisions in syllabus of B.Arch programme, USAP, Dwarka.
- Member, Evaluation Committee for financial assistance to conservation of unprotected monuments. ASI Government of India.
- Member, Board of management, Delhi Institute of Heritage Research and Management, Delhi Government.
- Member Delhi Urban Heritage Foundation committee' DDA, Delhi.
- Member, Building Committee of Delhi University.
- Appointed by PWD, U.P. for Vetting of DPR on Conservation work of Heritage building of the Honourable High Court of Allahabad.

Editorial Boards

- Member, Editorial board, 'Architecture: Creative space' Chitkara University.
- Member, Peer review board, THAAP journal, Lahore.

Any Other

- Jury member for national competition on 'Adaptive reuse of Solina Filature Reshamkhana, Srinagar JK Arts, Culture and Crafts centre. Organised by Jammu and Kashmir govt. 9-10 Oct 2019.

T. Lakshmi Priya

National Committees

- Technical Assessment Committee, ASI.
- Heritage Conservation Committee, Delhi.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Anuradha Chaturvedi, T. Lakshmi Priya, Bharti Sikri, Shaista Perveen and Mahesh Kumar

“Laboratory to Conservation Site: Outreach for research on performance of improved traditional materials and techniques to support conservation and adaptive reuse of historic residential buildings” with Shahjahanabad residents, scientists from CNR-IGG Italy, and students and faculty of SPA Delhi, at Ballimaran, Shahjahanabad.

Workshop II

- Final outreach on-site workshop on dissemination of technical expertise and efficiencies for improved conservation interventions.
- Outreach for the wEConserve application.
- Release of bi-lingual publication.

On 01.12.2019, International (Bilateral Programme of India-Italy workshop) Supported by DST.

Anuradha Chaturvedi, T.Lakshmi Priya, Bharti Sikri Laser Scanning Demonstration in the Department of Architectural Conservation, and Workshop with FARO Technology at Feroz Shah Kotla, workshop, on 06.11.2019.

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

Anuradha Chaturvedi Chandigarh University International Faculty Development Program (IFDP-2019) International Seminar, from 10.07.2019 – 11.07.2019.

Lecture on 'Sustainable Development strategies for Cultural Landscapes' for Cultural Master's Course in Heritage Conservation and Management at UNESCO Category 2 Centre (C2C) for World Natural Heritage Management and Training for Asia and the Pacific Region at Wildlife Institute of India, Dehradun, Invited Special Lecture, on 30.08.2019.

Lecture on 'Art and Architecture of India: Resource for Sustainable Development' for 68th Professional Course for Foreign Diplomats, Foreign Service Institute, Delhi, International Training Program, on 17.09.2019.

1st Special Course for Diplomats from Namibia and Malawi, Foreign Service Institute, Delhi, International Training Program, on 06.12. 2019.

University Institute of Architecture, Chandigarh University, Invited Special Lecture, on 28.02. 2020.

Priyaleen Singh Delivered two lectures on 'Conservation of Natural Heritage' in the module on 'Urban Conservation and enabling environment' as part of Capacity Development programme in Built Heritage studies conducted by CSMVS and MMR Heritage conservation society, Mumbai, National Workshop, on 28.02.2020.

Invited to conduct a session on 'Conservation of Historic gardens' at Nagaur Fort Conservation Workshop by the Mehrangarh Museum Trust at Nagaur, Rajasthan National Workshop, From 08.11.2019 – 09.11.2019.

T,Lakshmi Priya Webinar on Documentation and Cultural Heritage for the Institute of Archaeology, New Delhi. Online Presentation, on 27.06.2020.

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

Anuradha Chaturvedi International Council of Monuments and Sites (ICOMOS) Annual General Assembly at Morocco. Participated in discussions of Working Groups on Sustainable Development, Climate Change. International Conference and Scientific Symposium, from 12.10.2019 – 18.10.2019.

Laboratory to Conservation Site: Final outreach on-site workshop. Presentation of summary of findings of the India-Italy research collaboration. International (Bilateral Programme of India-Italy workshop), On-site workshop on dissemination of technical expertise in Shahjahanabad, on 01.12. 2019.

	<p>National Workshop on Archaeology and Conservation in India at NITI Aayog. National Expert Meeting and Workshop, on 04.11.2019.</p> <p>Workshop on Entrepreneurship, Marketing and Business Plan Development: wEConserve project, National DIC Workshop, on 07.08. 2019.</p>
Priyaleen Singh	<p>Stakeholders meeting on Improvement of Heritage Management in India on invitation of CEO, NITI Aayog at NitiAayog building, Sansad marg. National Experts meeting, on 20.08. 2019.</p> <p>Indo Italian Bilateral programme for scientific and technological cooperation 'From Lab to Site workshop' Shahjehanabad, Delhi. International Workshop, in December 2019.</p> <p>16th meeting of Delhi Urban Heritage Foundation at Raj Niwas under the Chairmanship of Hon'ble Lt Governor, Delhi. National Experts meeting, on 06.12.2019.</p> <p>Multidisciplinary insights for future challenges' organized by PVP College of Architecture, Pune. National Webinar lecture, on 29.06.2020.</p> <p>Forts of India' organised by ICOMOS. International Webinar lecture series, from 26.06.2020 – 27.07.2020, and on 04.07.2020.</p>
T.Lakshmi Priya	<p>Attended the panel discussion and exhibition on the Sacred Architecture of Kashmir. National Panel discussion and exhibition, on 29.01. 2020.</p> <p>Attended online AGM of ICOMOS. International online meeting, on 12.06.2020.</p> <p>Attended Theophil meeting. ICOMOS. National online meeting, on 06.12.2020.</p> <p>Participated in the Webinar on World Heritage and Sustainable Tourism at Humayun's Tomb. National Webinar, on 18.04.2020.</p> <p>Laboratory to Conservation Site: Final outreach on-site workshop. Presentation of summary of findings of the India-Italy research collaboration. International (India-Italy workshop), On-site workshop on dissemination of technical expertise in Shahjahanabad, on 01.12.2019.</p> <p>Entrepreneurship, Marketing and Business Plan Development for DIC projects. National Workshop, on 07.08.2019.</p>
Bharti Sikri	<p>A workshop on Monument Conservation at Nagaur: Learning Conservation of the Ahhichatragarh, the fort of Nagaur. Organised by Prof Minakshi Jain in collaboration with Mehrangarh Museum Trust and Helen Hamlyn Trust, London. National Workshop, from 26.07.2019 – 28.07.2019.</p> <p>Forts of India' organised by ICOMOS. International Webinar Lecture Series, from 26.07.2019 – 27.07.2019.</p> <p>Capacity Building for Disaster Risk Management of Cultural Heritage: Challenges and Opportunities. International Webinar Lecture Series, on 27.06.2020.</p>

17. Member of Professional Bodies

Anuradha Chaturvedi

- Member, Indian Institute of Architects.
- Member, Council of Monuments and Sites, India and ICOMOS.
- Member, Community of Conservation Architects, India.

- Fellow, Leadership for Environment and Development, India.

Priyaleen Singh

- Member, ICOMOS (International Council of Monuments and Sites) India.
- Member ISOLA (Indian Society of Landscape Architects).
- Member INTACH (Indian National Trust for Art and Cultural Heritage).

T. Lakshmi Priya

- Member of the Technical Assessment Committee for assessment of estimates and other matters related to different circles of ASI.
- Member of Heritage Conservation Committee, Delhi.
- Member, ICOMOS India.

18. Any Other Information of Relevance

Anuradha Chaturvedi

- Member, Senate, School of Planning and Architecture, New Delhi; Member, Advisory Committee, Department of Architectural Conservation; Member, Selection Board for admission to Masters programme, Department of Landscape Architecture, SPA, New Delhi.
- Final Patent application filed at the IPO for Department of Architectural Conservation Project 'wEConserve', under Design Innovation Centre, SPA, New Delhi. Department of Architectural Conservation DIC Coordinator: Associate Professor AnuradhaChaturvedi. Contract Faculty Bharti Sikri et al.
- Registration of wEConserve DIC project with Global Innovation and Technology Alliance of DST, Government of India and CII.
- Provided detailed feedback on draft of 'Competency Framework for Cultural Heritage Management' publication at the request of UNESCO, Bangkok.
- Participated in meetings at DDA on heritage resource management issues and ASI on possible involvement of Department of Architectural Conservation in design of protective structures for archaeological sites.
- Submitted abstract on 'Evacuee' properties of Shahjahanabad: Heritage Value and Economic Potential' under theme of 'Shared Heritage' for the Scientific Symposium on International Council on Monuments and Sites (ICOMOS) 20th General Assembly and Scientific Symposium (GA2020), Sydney, Australia. January, 2020. (GA cancelled).
- Report on book manuscript 'History of Urban Form in India' for Oxford University Press.
- Assessment of abstracts for sub- theme: 2. Forensic Analysis of Materials and Structures for ICOMOS Scientific Symposium on 'Structural and Material Analysis in Built Heritage Conservation., Indian Institute of Technology, Madras, 21st -23rd May 2020.
- Final Jury External Examiner for Assessment of 1st Semester M.Arch. (Architectural Conservation) Conservation Studio and Heritage Site Documentation at the School of Planning and Architecture, Vijaywada.
- Interactive outreach session with residents and stakeholders on 3rd Semester 'Cultural Landscapes Studio Exercise' and Book Launch at Natraj Bookshop, Dehradun, 30th August, 2019.
- Attended Online Webinars of UNITAR, ICCROM, INTACH, ASSOCHAM, ASHRAE, BIM, National Water Mission from March 23rd - June 30th 2020.
- Registered for Post Graduate Online Course on Artificial Intelligence and Machine Learning at the Great Lakes Institute-University of Austin Online Programme. Delivered 5 Machine Learning with Python exercises with Excellent grade.

Priyaleen Singh

- Member, Board of Governors, SPA, Delhi 16 Jan 2020- Dec 2022.
- Member, Senate, School of Planning and Architecture, New Delhi.
- Member, Advisory Committee, Department of Architectural Conservation.
- Member, DRC, Dept. of Arch Conservation, School of Planning and Architecture, New Delhi.
- Special invitee, DRC, Dept. of Landscape Architecture, School of Planning and Architecture, New Delhi.
- Member, DRC, Dept. of Urban Design, New Delhi.
- Member, Moderation Committee, Department of Environmental Planning, School of Planning and Architecture, New Delhi.
- Member, Selection Board for admission to Masters programme, Department of Arch Conservation, SPA, New Delhi.
- Member selection committee for promotion of Academic Staff under CAS 23 Oct 2019.
- Member, Anti Ragging committee.
- Research contribution to preparation of HIA's, INTACH, Architectural Heritage Division.
- Co-guide to PhD candidate Ayla Khan, Faculty of Architecture and Ekistics, Jamia Millia Islamia.
- Organised Voters day pledge for faculty and students in SPA Delhi on 24 Jan 2020
- Member, Committee to edit booklet on teachers rules and capacity building programmes.
- Inaugurated Design premiere 2019 The sterling edition at Visual Arts gallery. India Habitat Centre. organized by Deptt of Industrial design, SPA, Delhi. 21-24 may 2019.

T. Lakshmi Priya

- Assisted in visual inspection of the heritage building of the Lady Harding Medical College, Delhi along with the team from SPA and officer of ASI.
- Coordinated meeting of Dr. Mara Camaiti and Joint Director General ASI on 5th December 2020.
- Examined the reports on Structural Assessment of NAI submitted by CBRI Roorkee and conducted site visits on 19th and 20th December 2019.
- Appointed as External Examiner for the practical Examination /Viva at Indira Gandhi Delhi Technical University for Women on 3rd December 2019.
- Member , Moderation Committee, Department of Architectural Conservation, SPA-D
- Member, Selection Board for admission to Masters programme, Department of Architectural Conservation, SPA, New Delhi.
- Member of Advisory Committee, Department of Architectural Conservation, SPA-D
- IGUFW.

Bharti Sikri

- Community outreach, Marketing and Business Plan Development for wEConserve application under Design Innovation Centre in Shahjahanabad for conservation and Restoration of heritage.
- Final Patent application filed at the IPO for Department of Architectural Conservation Project 'wEConserve', under Design Innovation Centre, SPA, New Delhi.
- Part of organising committee of All India DIC meet 2019 at Dr. Ambedkar Bhawan, New Delhi.
- Prepared content for DIC "wEConserve" project and made arrangements of the Exhibition held on 26th November, 2019 at the Lecture Hall Complex, IIT Delhi.

Visits of the Eminent Scholars and Delegations

- Dr Mara Camaiti and Dr Andrea Orlando of the Italian Research Council, CNR-IGG, Florence Section, Visit November- December,2019 as exchange of researchers under Joint Research Project : India-Italy Scientific and Technological Cooperation, 2017-19.
- Dr. David Rivera Gomez and Dr. Alejandro Garcia Hermida (Universidad Politecnica de Madrid (Spain) and INTBAU Spain.
- Memorandum of Understanding between The Department of Architecture and Design of Polytechnic di Torino with SPA, New Delhi, with the involvement of the Department of Architectural Conservation.

Special Lectures

S.No.	Name of the Visiting Faculty	Semester	Topic	Date
1	Dr. Shikha Jain	I & III	Jaipur City : Journey World Heritage	07.08.2019
2	Dr. Benny Kuriakose	I & III	Conservation and Sustainability	08.08.2019
3	Ms. Nandini Thatikonda	I & III	Traditional materials and techniques, a case study of Mecca masjid and learnings from Summer school on Historic Masonry, in Subiaco, Italy	28.08.2019
4	Ms. Shveta Mathur	I & III	Contemporary Communities in Historic Neighbourhoods	18.09.2019
5	Dr. Alejandro Garcia Hermida & Dr. David Rivera Gomez	II & IV	The Preservation of Architectural Traditions & Management of 20th Century Heritage	23.01.2020
6	Mr. Sanjay Dhar	II & IV	The Idea of Craftsman and Conservation in India	26.02.2020
7	Mr. Kenji Ishikawa	II & IV	Japanese Wooden Architecture	04.03.2020
8	Mr. Richard Andre Barraud	I	Workshop on Documentation	19.10.2020
9	Ms. Sangeeta Bais	I	Special lecture in Studio on material analysis	11.11.2019
10	Mr. Sanjay Bhardwaj	I	Special Lecture in Studio on historic Delhi	19.11.2020

2.4 DEPARTMENT OF URBAN DESIGN

1. Academic programs offered by the Department

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

2. Year of establishment of the Department

1979-80* (*) PG Diploma in Urban Design started in 1970

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
Arunava Dasgupta	M.Arch. (Urban Design)	Associate Professor and HOD (from Dec 2019 to till date)	Urban Design	COA/88/11717
Manu Mahajan	M.Arch. (Urban Design); M.Sc. (Dev & Planning)	Assistant Professor Upto 30.01.2020, on EOL from 21st Jan 2019 (as Commonwealth Split-Site Scholar at University of Leeds, UK)	Urban Design	CA/2000/25838
Animesh Dev	M. Urban Design; Master of Anthropology	Assistant Professor (on Contract)	Urban Design	CA/2013/59997
Rohit Priyadarshi Sanatani	M. Arch. (Major in Urban Design)	Assistant Professor (on Contract)	Urban Design	CA/2015/72998

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Arunava Dasgupta	I	Design Studio I	6
	I	Urban Form Lab-II	3
	III	Reading the City (L)	2

	III	Thesis Methodologies	3
	III	Design Studio –III (ST)	3
	III	Urban Form Lab-II	3
	II	Design Studio –II (ST)	3
	II	Urban Form Lab-II	3
	II	Planning the City	1
	IV	Thesis Studio	6
Manu Mahajan	II	Elective (Departmental)	2
	II	Design Studio –II (ST)	6
	II	Design Studio (T)	3
	IV	City Future Lab -I	3
	IV	City Future Lab -II	3
Animesh Dev	I	Urban History and Development Theory-I (S)	2
	I	Site Planning (W/S)	2
	I	Research Methods	2
	I	Design Studio (T)	3
	II	Participatory Planning and Co -Design Tools	2
	II	Elective (Departmental) - Housing and Urban Infrastructure	2
	II	Urban History and Development Theory-II (S)	2
	II	Design Studio (T)	3
	III	Thesis Methodologies	3
	III	Departmental Elective - Writings in Urban Design	2
	III	Reading the City (S)	2
	IV	City Future Lab -I,	3
	IV	Departmental Elective (L) - Design Anthropology for Cities	2
	IV	Thesis Studio Research	1
	IV	Thesis Studio	3
Rohit Priyadarshi Sanatani	I	Urban Design Methodologies	2
	I	Urban History and Development Theory-I (S)	2
	I	Research Methods	2

	I	Digital Skills for UD	2
	I	Design Studio (T)	2
	III	Institutional Elective	2
	III	Thesis Methodologies	3
	III	Planning the City –II	1
	II	Institutional Elective	2
	II	Urban Form Lab-I	3
	II	Design Studio –II	3
	II	Design Studio (T)	3
	IV	City Future Lab -II	3
	IV	Thesis Studio	3

5. Details of Teaching Work Undertaken in Other Departments

NIL

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/ Week
1	Ujan Ghosh	I	Design Studio – (ST)	6
		II	Design Studio –II (ST)	6
2	Rajender Singh	III	Design Studio-III	3
		II	Design Studio-II	3
3	Nishant Lall	I	Urban Form Lab-I	3
		II	Urban Form Lab-I	2
		II	Urban Form Lab-II	1
		IV	Design Thesis (Tutorial)	3
4	Suneet Mohindru	I	Site Planning (L) (W/S)	3
5	Sanjay Kanvinde	III	Design Studio – III (ST)	6
		IV	Thesis Studio (ST)	6
6	Mriganka Saxena	IV	Design Thesis (Tutorial)	3
7	Abhimanyu	III	Thesis Methodologies	3

	Dalal	IV	Thesis Studio (ST)	3
8	Rajiv Bhakat	I	Urban Design Methodologies	2
		I	Design Studio	6
		IV	City Futures Lab (R)	3
		IV	Departmental Elective (L) Future Cities	2
		IV	Design Thesis (Tutorial)	3
9	Ranjit Mitra	I	Urban History and Development Theory-I (L)	2
		II	Urban History and Development Theory-II (L)	2
		III	Design Studio – III	6
		IV	Thesis Studio	3
10	Mansi Kataria	I	Site Planning (Workshop)	2
		IV	Design Thesis (Tutorial)	3
11	Rinki Sarkar	I	Urban History and Development Theory-I (L)	2
		II	Urban History and Development Theory-II (L)	2
12	Kanu Kartik Agarwal	III	Departmental Elective- I (Imagining Cities-II)	2
		II	Departmental Elective-I (Imagining Cities -I)	2
13	Anjula Negi	III	Development Practice/Project Planning & Finance	2
		II	Urban Infrastructure & Housing	2
14	Divya Chopra	I	Urban Form Lab-I	3
		II	Urban Form Lab- II	3
		IV	City Future Lab-II	3
15	Vandini Mehta	III	Reading the City (L &S)	4
		II	Urban History and Development Theory-II (S)	2
16	Aishwarya Tipinis	II	Urban Policy and Management Framework	2
17	Marisha Sharma	II	Urban Policy and Management Framework	2
18	Shveta Mathur	III	Design Studio -III	3
			Urban Form Labs –I	3
		II	Participatory Planning and Co-Design Tools	2
19	Prithul Saha	I	Digital Skills for UD	2
20	Vineet Katariya	I	Design Studio (T)	3

21	Pranav Singh	III	Planning the City- II (L)	2
		II	Planning the City- I (L)	2
22	Aparna Ash Kanojia	III	Development Practice/ Project Planning & Finance	2
23	Rwitee Mandal	III	Urban Form Lab-I	3
		IV	City Future Lab-I	3

7. Details of the Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	I Design Studio	<p>Delhi Flows: an examination of urban form and living patterns along water channels of Delhi</p> <p>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 Barapullah Water Stream had been selected in Delhi for detailed studies and project proposals.</p>
2	II Design Studio	<p>Mission Cities_Kochi</p> <p>The objective of this studio is to hone the theoretical knowledge of the student from the first semester in resolving a design problem on Green Field conditions in a city preferably outside Delhi. The first part of the studio is an introduction to urban design city study, analyzing the various factors that determine the morphology of the city, develop critical positions on trajectories of growth and transformation trends and use analytical findings to develop urban design vision, design strategies and proposals in selected areas of the city. For the second consecutive year, the Department is studying "Mission" Cities. Under this theme, the city of Kochi had been taken up for an urban study and development of design proposals. This studio was conducted jointly with Welsh School of Architecture, Cardiff University, UK as part of the MoU between the two institutions.</p>
3	III (Design Studio)	<p>Local Area Planning and Design (LAPD)</p> <p>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 two wards- Lajpatnagar and Khanpur were taken up for Local Area Planning and Design.</p>

8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Abhishek Dey	Restructuring the spatiality of performative culture: Manifesting the expression of work based clusters, taking the case of Kumartuli, Kolkata.	Rajeev Bhakat
2	Aditi Kashyap	Marginal Urbanism- Altering Systemic Socio-spatial Divisions to contest Urban Marginality of People and Land: The Case of Lajpat Nagar, Delhi.	Nishant Lall
3	Aditya Kushwaha	Re-imagining the socio spatial conditions of the Urban poor in Railway Precincts, A case of North- West Delhi.	Mansi Kataria
4	Anavil Ahluwalia	An Urban Design approach to Democratize New Delhi.	Rajeev Bhakat
5	Ankita Karmakar	Women in Recreational Culture: Using Women-centric Cultural Form to Re-define the peripheries of Kolkata.	Nishant Lall
6	Arunima Saha	Cities Within Cities: Sustaining Multicultural Spaces in the case of 'Cultural Capital' Kolkata.	Mansi Kataria
7	Harikrishnan C. U.	Exploring the future of Urban villages with Socio-Spatial Integration of Temporary Migrants in them. A Case of Said-ul-Ajaib, South Delhi.	Rajeev Bhakat
8	Huma Parvez	[Post-Trauma Urbanism] Exploring the Spatiality of Resilience and Repair to address Cultural Stratifications. The case of Jamia Nagar Precinct, New Delhi.	Mriganka Saxena
9	Isha	Inducing socio-ecological sustainability in peripheral urbanizing villages: An Ecofeminist approach in Urban Design.	Mansi Kataria
10	John Sumer	Friendly Borders: Urban Design as a bridge to connect Border cities. The case of North-Eastern Indian cities/Towns (Assam – Meghalaya Border).	Nishant Lall
11	Koyel Das	Redefining Socio-Spatial Interactions in a transforming residential neighbourhood of an Indian City	Rajeev Bhakat
12	Muhammed Sayyaf A. C.	Urbanism Beyond Waste: Acknowledging socio-ecological and spatial interfaces of waste-based precincts in cities.	Nishant Lall
13	Ranjit Singh	Drugs and the youth : An urban design approach to mitigate the epidemic of drug addiction and crime in the city , taking the case Amritsar.	Mansi Kataria
14	Rudra Sharma	Finding our Roots: Urban Design for Coexistence of Natural and Human Worlds.	Mriganka Saxena
15	Saisha Mattoo	Re-imagining neighborhoods towards generating Healthy Urban Environments using socio-ecological	Mansi Kataria

		principles of urban design.	
16	Siddhartha Kakati	Urban Design for a Progressive Small Town: Restructuring a Developing Rurban Area with Seasonal Natural Calamity. Case town: Dhemaji, Assam.	Nishant Lall
17	Tarang Matia	Belongingness and Urban form: A spatial and behavioral approach towards renewed place association.	Mriganka Saxena
18	Omid Shams	Re-imagining a Conflict-Affected City: Exploring the provision of common ground as an opportunity for social cohesion. The case of Kabul, Afghanistan.	Mriganka Saxena
19	Yamjala Chetan Kumar	Towards imagining the Creative Knowledge City: Envisioning cohesive spaces for diverse creative groups to come together.	Mriganka Saxena

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2012-13	Deepashree Choudhury	Collage city urbanism: Reading of Kolkata.	Sanjukta Bhaduri
2	2012-13	Arunava Dasgupta	Urban Design Directions for Rural Settings under Transformation.	Mandeep Singh
3	2016-17	Manu Mahajan	Impact of metro on the cultural economy and spatial transformations of inner city areas." Case - Old Delhi.	Leon A Morenas
4	2016-17	Aishwarya Tipnis	Exploring the Role of adaptive Reuse in regeneration of Derelict Industrial heritage sites in India.	Mandeep Singh
5	2017-18	Advaita Jalan	Significance of Urban Design codes for Historic Brownfield Urban Form: Focusing on the Pre-Colonial Historic Core of Vadodara.	Mandeep Singh
6	2018-19	Kamini Singh	Role of Urban comfort in enhancing human experience of public places.	Mandeep Singh
7	2018-19	Vandini Mehta	In-filtrating urbanism: Delhi's unauthorized colonies.	Mandeep Singh
8	2016-17	Arathy Gopal	Tourism as a determinant of change in urban form in Temple cities of India.	Mandeep Singh
9	2018-19	Arpita Dayal	Connective Urban Liminalities: Everyday environments and Social spaces.	Leon A Morenas

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
Urban Form and Climate Change.	Ministry of HRD		Arunava Dasgupta as P.I.
Addressing Urban Realities – Eco-Smart Social Infrastructure for Less Catered Communities.	Ministry of HRD	Ms. Aditi Singh as P.I.	Arunava Dasgupta
Smart Sustainable City Regions in India” in partnership with NTNU - Norway.	funded by UTFORSK, Norway		Arunava Dasgupta as Project Coordinator (India)
Urban Transformations – Learnings from South Asia and Germany, in partnership with Heidelberg University, Germany and Kathmandu University, Nepal.	funded by DAAD, Germany		Arunava Dasgupta as Co-P.I.

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Electric Crematorium Building at URI Enclave- New Delhi.	Delhi Cantonment Board, Ministry of Defence	Arunava Dasgupta	Arunava Dasgupta

12. Details of Publications

Manu Mahajan Mahajan, M (2019), Delhi Metro in Old Delhi: Economic and Spatial Impacts, proceeding of an International Conference, *Contemporary Urban Issues*, Istanbul, edited by DAKAM, ISBN: 978-625-7034-00-5.

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

Arunava Dasgupta

National Committees

- Member, State Heritage Advisory Committee (SHAC), Govt. of Himachal Pradesh.

- Member, Heritage Conservation Committee (HCC), Govt. of India.
- Founder Member and Vice-President, Institute of Urban Designers-India (IUDI).
- Member, GAP – UN Habitat III.
- Member, Domain Expert Committee for Sustainable Habitats, IMPRINT, Min. of HRD, Govt. of India.
- Expert Member, Academic Sub-Committee, Academic Council, University School of Architecture and Planning (USAP), GGSIPU, New Delhi.
- Member, Advisory Group, Urban Design Program, College of Engineering, Trivandrum.
- Member, Board of Studies: Chandigarh College of Architecture, Punjab University.
- Member, Board of Studies: School of Global Studies, Ambedkar University, Delhi.
- Member of Board of Academics: Department of Architecture, Town and Country Planning, IEST, West Bengal.

Manu Mahajan

National Committees

- Member, Institute of Urban Designers-India.
- Founder Member and General Secretary, Association of Commonwealth Scholars and Fellows, India.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Arunava Dasgupta National Convention of Institute of Urban Designers - India on 'Urban Design Matters' was co-organized by Arunava Dasgupta from 20-22 September 2019 at Kollam.

Arunava Dasgupta conceived and organized a webinar series called IUDI Infinitum with four events, (National webinar series) from 01.06.2020 to 28.06.2020.

International Seminar on 'Smart and Sustainable Cities' was co-organized by Arunava Dasgupta along with South Asia Institute of Heidelberg University, ORG and IMPRI in September 2019 at Kochi.

Arunava Dasgupta from SPA Delhi and Prof. Shibu Raman from Cardiff University

A Joint International workshop between students & faculty of Cardiff University, UK & SPA-Urban Design was held between 30th October and 3rd November 2019 in Delhi. Arunava Dasgupta from SPA Delhi and Prof. Shibu Raman from Cardiff University jointly conducted the workshop.

A joint International exhibition of students' works of studio projects on the city of Mangalore from the 'Liveable Urbansim Studio' of WSA, Cardiff University and the 'Mission Cities Studio' from SPA-UD was organized and displayed in Kochi, Bengaluru and Mangalore in September 2019.

Arunava Dasgupta from SPA-UD and Prof. Christiane Brosius from Heidelberg University.	A International Joint cross-sharing workshop on 'Elder scapes' between students & faculty of HCTS, Heidelberg University, Germany & SPA-Urban Design was held in Delhi, between September 27-30, 2019. The workshop was led by Arunava Dasgupta from SPA-UD and Prof. Christiane Brosius from Heidelberg University.
Arunava Dasgupta from SPA-UD and Prof. Melissa Butcher from Nirkbeck, UK.	A Joint Student's workshop between students & faculty of Birkbeck College, London & SPA-Urban Design on 'Place-Making' was held between 24 th to 28 th February, 2020 in Delhi. This is the third joint workshop conducted over the past three years with Birkbeck College, UK. The workshops are led by Arunava Dasgupta from SPA-UD and Prof. Melissa Butcher from Nirkbeck, UK.
Arunava Dasgupta from SPA-UD and Prof. Rolee Aranya from NTNU Trondheim.	<p>A Joint field based cross-sharing workshop between students & faculty of NTNU, Trondheim-Norway & SPA-Urban Design, 06.10.2019 to 12.06.2019.</p> <p>A joint seminar between the two groups was held in SPA Delhi on December 5 2019 in Delhi.</p>

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

Arunava Dasgupta	<p>Gave an invited lecture on 'Urban Design and the Indian City' in a workshop on Urban Form and Design in the Department of Architecture, College of Engineering, on 23.08.2019.</p> <p>Delivered a talk on "Mission City – Mangalore" at the joint public seminar at the Town Hall of Mangalore as part of a partnered event along with Cardiff University and SPA-UD, on 09.09.2019.</p> <p>Delivered the Concept Note address on 'Urban Design Matters' for the National Convention of Institute of Urban Designers - India on September 22, 2019 at Kollam, on 22.09.2019.</p> <p>Delivered a talk on "Designing the Indian City: Challenges and Prospects" as invited Plenary Speaker in the 1st. International Conference on Urban Science and Engineering (ICUSE) 2020 organized by the Centre for Urban Science and Engineering (CUSE), IIT Bombay, on 28.02.2020.</p>
Manu Mahajan	<p>Presented a poster 'Impact of Mass Transportation on Local Economy and Spatial Transformations of Inner-city Areas: Case of Old Delhi, India at 51st UTSG Conference, University of Leeds, UK, (International Conference), in July 2019.</p> <p>Invited to deliver a lecture 'Public Transport and its impact on Local Economies' by IGLSU, Ecole Polytechnique Federale de Lausanne, Switzerland in Dortmund/ Lyon Executive Learning module held in collaboration with TU: Dortmund. The lecture was held in TU Dortmund, Germany in November 2019.</p>

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

Manu Mahajan	Participated in an international conference 'At the frontiers of the urban: thinking concepts and practices globally', organized by UCL Urban Laboratory, UCL, London, UK, November 2019.
Animesh Dev	Perspectives: Ethnographic Research Methods for Activists at Sambhaavnaa Institute of Public Policy and Politics. National Workshop from 17.10.2019 to 20.10.2019. Social Research Methods form Moray House School of Education, the University of Edinburg and Research in Digital Education, EdinburghX-SOCRMx. International Online Course, from 03.04.2020 to27.05.2020.

17. Membership of Profession Bodies

NIL

18. Any other Information of Relevance

Arunava Dasgupta

Chairperson/ Member of Panels

- Arunava Dasgupta participated as Expert Panelist in Climate City Cup Workshop organized by the Embassy of Switzerland, Delhi in July 2019.
- Arunava Dasgupta participated as invited panelist in the Malraux Seminar 2019 on Art and Culture in Urban Public Space conducted by the French Institute in India, New Delhi.
- Arunava Dasgupta participated as Chairperson of one of the sessions of the 8th IUDI National Thesis Seminar 2019 held in Pune in December 2019.
- Arunava Dasgupta participated as invited Chairperson for two sessions in the 1st International Conference on Urban Science and Engineering (ICUSE) 2020 organized by the Centre for Urban Science and Engineering (CUSE), IIT Bombay in Feb 2020, Mumbai.
- Arunava Dasgupta participated as invited panelist in the 6th Round Table of the e-Malraux Seminar 2020 on The Future of Art and Culture in a Post-covid Public Space conducted by the French Institute in India, New Delhi in May 2020.
- Arunava Dasgupta conceived and chaired the session on Urban Design for a Better World – Then, Now, Tomorrow as part of the IUDI Infinitum Webathon on June 1, 2020.
- Arunava Dasgupta chaired the webinar on 'Women and Urbanism: Experiencing and Negotiating the City" as part of the IUDI Infinitum Series on June 27, 2020.

Animesh Dev

- Draft paper titled: 'The home graduands: Educational equity under confinements' is accepted for publication in URBAN CORPORIS, a book by IUVAS Institute for Urban Variations and Architectural Systems.

Achievements of Faculty

- Arunava Dasgupta: Recipient of Erasmus +Fellowship under the SWAGATA scheme for faculty mobility to Heidelberg University in June-July 2019.
- Mr. Manu Mahajan received Commonwealth Split-site Scholarship (Feb 2019-Jan 2020) for pursuing part of his doctoral research at University of Leeds, UK.

Any other information (i.e. visits of the eminent scholars, delegations, special lectures in the department)**Details of Special Lectures undertaken in the Department:**

- Ms. Manisha Bhartia, Urban Design through Collaboration and Inclusion, Aug 7 2019.
- Dr. Tania Sengupta, Spatial Histories: Postcolonial Narratives from Colonial Peripheries, Aug 21 2019.
- Dr. Melissa Butcher, Understanding Urban Change through Visual Methods: Five Reflections on a London Borough, Aug 28 2019.
- Dr. Pablo Holwitt, Politics of Proximity and Distance: How class and space shape each other in redeveloping Mumbai, Sept 11 2019.
- Ms. Maud Le Floch, Re-art Cities: Arts and culture acting for planning and transition, Sept 25 2019.
Prof. Christiane Brosius, Reading City Space through Ethnographic Ways, Sept 27 2019.

Prominent visitors to the Department of studies:

- Prof. Shibu Raman, Welsh School of Architecture, Cardiff University, UK.
- Dr. Rolee Aranya, Vice Dean, School of Architecture, NTNU, Trondheim-Norway.
- Prof. Donald Bates, Associate Dean (Engagement), Chair of Architectural Design, University of Melbourne.

Details of activities under various MOUs during the reporting year:

- As part of MoU with Cardiff, UK - Conducted Joint Workshops, design Studio, Exhibitions and presentations with Students & faculty of WSA, Cardiff University, SPA.
- As part of MoU with NTNU, Trondheim - Conducted joint Workshop and field based training programs with students and faculty of NTNU, Trondheim-Norway. Initiated an e-course on Participatory Planning and Co-design as well as a publication on Smart Citizens.
- As part of MoU with Birkbeck College, UK - Collaborated in organizing a week long workshop for second semester students of Urban Design and students from Department of geography, Birkbeck College at Delhi. Initiated a reverse mobility plan for 5-7 students and 2 faculty members to undertake an interdisciplinary workshop in London, UK.
- As part of MoU with Heidelberg University, Lectures and workshops arranged both at SPA- Delhi as well as HCTS, HeU with joint activities at student and faculty levels. Initiated and awarded a 4 year collaborative, funded research project grant on Urban Transformations with Heidelberg University and Kathmandu University as partners towards a N-S-S as well as S-S partnership for joint research, student and staff mobility, academic exchange, publications and e-courses.

Achievements of Students

- Ms. Saisha Mattoo of the Department of Urban Design published two articles on sole authorship namely, 'Delhi's Unauthorised Colonies – The Past, Present & Foreseeable Future' and 'Revisiting the need of Planning for Environment in India' in July 2020 under the themes of Inclusive Planning and Environmental Planning respectively, through a competition (publishing top 5 articles per theme from a national invitation for articles) organized by Planning Tank.
- Ms. Pallavi Deore, young Alumni of Department of Urban Design, was selected for an Internship in Paris in 2019-20, under the Young Urban Designers & Architects Program (YUDAP) of the Ministry of Culture France.
- Mr. Ranjit Singh of the Department of Urban Design won the 'Beta Movement: International Student Film Festival' in 2019 with his film entry 'Visa Lag gya'.
- Ms. Aditi Kashyap has been selected to present her report titled 'Slums and the City: Envisioning the recognition the symbiotic relationship' at the 56th ISOCARP World Planning Congress 2020-21.

Department's involvement in inter-disciplinary programs in other departments and organizations:

- Faculty drawn from other departments of Building Engineering and Management, Urban Planning for teaching specialized subjects.
- Joint design studio with NTNU, Trondheim, Norway.
- Joint design studio with University of Wales, Cardiff, UK.

2.5 DEPARTMENT OF LANDSCAPE ARCHITECTURE

1. Academic Programs offered by the Department

- Master of Landscape Architecture
- Ph.D. program in Landscape Architecture

2. Year of Establishment of the Department: 1972

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
Anuradha Chaturvedi	B.Arch., M.A. Conservation Studies, Certificate in Archaeological Conservation,	Associate Professor and Head Incharge (from January to June 2020, further details are provided in the Department of Architectural Conservation)	Heritage Management and Sustainable Development, Cultural Landscapes	
Meenakshi Dhote	B.Arch; M.L.Arch.; Ph.D.	Professor and Head Incharge (from July to December 2019) (further details are provided in the Department of Environmental Planning)	Environmental Planning and Urban Biodiversity	
Aarti Grover	Ph. D.; M.L. Arch.; B. Arch	Associate Professor	User-perception in Urban Landscapes, Gender-sensitive Landscapes, Zoological Parks and Habitat Design	CA/2001/27327
Amrita Kaur Slatch	B.Arch.; Master in Landscape Design	Assistant Professor (on Contract)	Landscape Architecture	CA/2014/64108

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Aarti Grover	I	Landscape Architecture Studio-I	8
	III	Dissertation	1
	III	Landscape Architecture Studio-III	5
	III	Department Elective	2
	II	Planting Design, Management & Landscape Economics	2
	II	Landscape Architecture Studio-II	2
	IV	Landscape Architecture Studio-IV	12
Amrita Kaur Slatch	I	Landscape Engineering-I	3
	I	Landscape Architecture Studio-I	7
	III	Dissertation	1
	III	Landscape Architecture Studio-III	5
	II	Departmental Elective	2
	II	Landscape Architecture Studio-II	11
	IV	Landscape Architecture Studio-IV	3

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Ms. Amrita Kaur Slatch	II, 2nd year B. Plan	Landscape Planning and Design	3

6. Details Of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/ Week
1	Dr. Monika Koul	I	Soils (Theory)	1
2	Dr. Shashank Shekhar	I	Geology (Theory)	1
3	Dr. Gauhar Mahmood	I	Hydrology and Geomorphology (Theory)	2

4	Dr. Monika Koul	I	Ecology (Theory)	1
5	Dr. Sushma Moitra	I	Plant Taxonomy and Plant Physiology (Theory)	1
6	Sh. Harbir Singh	I	Landscape Architecture Studio-I	6
7	Sh. Krishan C. Singal	I	Landscape Architecture Studio-I	6
8	Sh. Nikhil Dhar	I	Landscape Architecture Studio-I	6
9	Ms. Poonam Saini	I	Landscape Architecture Studio-I	9
10	Sh. Nikhil Dhar	III	Landscape Engineering-II (Theory)	2
11	Ms. Nandita Parikh	III	Urban and Regional Landscapes (Theory)	2
12	Ms. Nandita Parikh	III	Institutional Elective (Theory)	2
13	Sh. Ameet Babbar	III	Landscape Architecture Studio-III	9
14	Sh. Minesh Parikh	III	Landscape Architecture Studio-III	6
15	Ms. Savita Punde	III	Landscape Architecture Studio-III	9
16	Sh. P.S. Uttarwar	II	Remote Sensing 7 GIS based Land Information System (Theory)	2
17	Ms. Nandita Parikh	II	Theory of Landscape Architecture-I (Theory)	2
18	Ms. Nandita Parikh	II	Institutional Elective (Theory)	2
19	Sh. Minesh Parikh	II	Landscape Architecture Studio-II	6
20	Sh. Nikhil Dhar	II	Landscape Architecture Studio-II	6
21	Ms. Poonam Saini	II	Landscape Architecture Studio-II	9
22	Ms. Vina Biswas	II	Landscape Architecture Studio-II	5
23	Sh. Minesh Parikh	IV	Landscape Project Management and Professional Practice (Theory)	2
24	Sh. Krishan C. Singal	IV	Landscape Architecture Studio – IV (Thesis)	6
25	Ms. Nandini Rewari	IV	Landscape Architecture Studio – IV (Thesis)	9
26	Sh. Pankaj Jain	IV	Landscape Architecture Studio – IV (Thesis)	9
27	Ms. Savita Punde	IV	Landscape Architecture Studio – IV (Thesis)	9

7. Details of the Studio Work Undertaken by the Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	I	<p>Studio Problem-1 Book Review Studio Problem-2 Documenting Urban Landscapes Studio Problem-3 Childrens Park at Aastha Kunj</p> <p>To inculcate the habit of reading and interpreting it into visuals. Book-1 An Introduction to Landscape Architecture by Michael Laurie. Book-2 Design with Nature by Ian Mc Harg Book-3 Landscape of a Man by Geoffery and Susan Jellicoe Book-4 Landscape Architecture: A Manual of Site Planning & Design by John O Simonds The students exercised their minds and came up with creative ways to demonstrate their understanding of the texts. Studio Problem-2 To understand and express the distinctive qualities of urban landscape using appropriate tools to document and methods to analyze. Live case studies within Delhi were identified such as Millenium Park, Lodi Garden, Nehru Park, Shakti Sthal, Sundar Nursery, Roshanhara Bagh, Hauz Khas Deer Park, Coronation Park, Central Park, Central Vista and Garden of 5 senses. Other International literature case studies were also undertaken. Field study for understanding the existing site condition where carried out and various methods of illustration were employed. Studio Problem-3 To learn the skill of design by understanding scale and modulating earth to create stimulating landforms. The site à Astha Kunj is a 200 acre park in South East Delhi, near Lotus Temple, ISKON Temple and Nehru Place. Creative design ideas where showcased by the students that indicated their sensitivity in making the park exciting and safe at the same time.</p>
2	II	<p>Studio Problem-1 Urban Ecological Assessment of NCT, Delhi Studio Problem-2 Landscape Vision for Urban Villages of NCT, Delhi</p> <p>The intent of the study is to highlight critical areas within the NCT region that require an ecological intervention. The exercise looks at documenting the region by dividing it into equal quadrants. Each is analyzed on the parameters of Land, Water and Vegetation which will help in understanding the origin of issues impacting the ecology of the region. Further a connected open space corridor is selected, which is along the supplementary drain, to demonstrate a masterplan vision with landscape design interventions. Studio Problem-2 The studio aims at understanding the current problems and opportunities in the Urban Villages of Delhi and foresees a future of these villages through the lens of landscape. The students developed acumen to record, document and analyze data from various secondary sources to understand various morphological, socio-economic and ecological aspects and issues of the urban village. The study carried out encompasses tangible and intangible; formal and informal; qualitative and quantitative indicators specific to the village.</p>

3	III	<p>Studio Problem-1 Open Space System along Ring Rail Network, Delhi Studio Problem-2 Exploring Delhi's Natural Heritage_The Ridge</p> <p>The aim of the problem is to establish integrated network of ecological green open space system within the urban fabric along the ring rail network. Assessment of the overall 32 kms of the ring rail network and its environs was carried out whilst keeping in view the issues pertaining with the urban voids of the city. The exercise looks at creating: a. Master plan proposal for the open space along the railway corridor. b. Ecological Regeneration of the corridor. Studio Problem-2 The entire Aravalli range has become ecologically sensitive and critically fragile, at present. The ridges of Delhi need to be looked at as significant markers of the ecology of the Aravalli. The objective of the studio entails the following: a. To document the pristine areas of the ridge, and understand the formation and functioning of it. b. To document the degraded areas of the ridge, and identify the reason and its impacts. c. To propose an ecologically responsible landscape management plan for the critical macro-habitat identified.</p>
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8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Aaina Sethi	Site planning and Landscape Development of AUD campus, Dheerpur Phase-1, New Delhi.	Guide - Sh. Krishan C. Singal Co-guide – Aarti Grover
2	Abdullah Mohamed Yaaseen G	Development and eco-restoration of Ukkadam Periyakulam urban lake as active public space, Coimbatore, Tamil Nadu.	Guide - Sh. Krishan C. Singal Co-guide – Aarti Grover
3	Akshaya K	Integrated Landscape Development of Temples in Kottiyoor, Kerala.	Aarti Grover
4	Alima Pal	Site Planning and Landscape Development of IIM Visakhapatnam, AP.	Guide - Sh. Pankaj Jain Co-guide – Aarti Grover
5	Aman Sonel	Central Park, Kharghar, Navi Mumbai, Maharashtra.	Guide - Sh. Pankaj Jain Co-guide – Aarti Grover
6	Arunima Chakravarty	Landscape for Learning: Proposed Science City in Sonapur, Guwahati, Assam.	Aarti Grover
7	Debadyuti Nandy	Landscape Design for IIM Campus at Sirmaur, Himachal Pradesh.	Aarti Grover
8	Garima Dubey	Landscape Development of MakhanLal Chaturvedi National University of Journalism and Communication, Bhopal, Madhya Pradesh.	Guide - Sh. Pankaj Jain Co-guide – Aarti Grover

9	Janhavi Sandeep Manjrekar	Integrated Landscape Development of Mahakaleshwar Temple and Rudrasagar Lake, Ujjain, Madhya Pradesh.	Aarti Grover
10	Jesna Sunkumar	Landscape Development Proposal for Indian Institute of Management, Bodhgaya, Bihar.	Guide - Sh. Krishan C. Singal Co-guide – Aarti Grover
10	Kedarisetti Hridya	Landscape for Art - Shilparamam Arts & Crafts Centre, Pulivendula, A.P.	Guide - Ms. Nandini Rewari Co-guide – Aarti Grover
11	Kritika Sharma	Revive Cultural Heritage of Chambal at Kota.	Aarti Grover
12	Neenu Priya A	Tourism Development of Thenmala, Kerala.	Guide - Ms. Savita Punde Co-guide – Aarti Grover
13	Nimisha P	Therapeutic landscaping, International Research Institute of Ayurveda, kalliad, Kannur, Kerala.	Guide - Ms. Nandini Rewari Co-guide – Aarti Grover
14	Ostwal Bhushan Sumatilal	Landscape Development of Beachside Resort, Dandi, Gujarat.	Guide - Ms. Nandini Rewari Co-guide – Aarti Grover
15	P. Pratheebha	Eco Restoration and Lakefront Development of Tolankere Lake, Hubballi, Karnataka.	Guide - Ms. Savita Punde Co-guide – Aarti Grover
16	Rajkumar Dennee	Landscape development for National sport University, Manipur.	Guide - Ms. Nandini Rewari Co-guide – Aarti Grover
17	Sakshi Sahu	Site planning and Landscape Development Proposal for Indian Institute of Management, Nagpur, Maharashtra.	Guide - Ms. Nandini Rewari Co-guide - Aarti Grover
18	Sarang Garg	Chandrodaya Temple, Vrindavan.	Guide - Ms. Savita Punde Co-guide – Aarti Grover
19	Saumya Bansal	Reimagining Public Landscapes: City Park, Dehradun, Uttaranchal.	Aarti Grover

9. Details of Ph.D. Thesis Topics

S. No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2020-21	Ms. Priyanka Sanjay Kanhare	Approaches to Landscape Planning and Design (Case of Narmada River Valley).	Meenkashi Dhote Co-Guide Aarti Grover (From March 2020)

10. Details of Research Projects

NIL

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Landscape Redevelopment of the Presidential Estate, N. Delhi (On-going).	President's Secretariat, Rashtrapati Bhavan, New Delhi	Aarti Grover	P.S.N. Rao
Landscape development of interactive outdoor plaza at IIT-Kanpur (On-going).	IIT Kanpur	Aarti Grover	Manoj Mathur
Landscape Re-development of Oil and Natural Gas Corporation Headquarter at Vasant Kunj, New Delhi (On-going).	Oil and Natural Gas Corporation (ONGC), New Delhi	Aarti Grover	Aarti Grover

12. Details of Publications

Aarti Grover Evaluating the Appropriateness of Contemporary Urban Public Spaces for Gender-Sensitivity within the Context of Social Sustainability, *Conference Proceedings of National Conference on Sustainability in Built Environment (SIBE-2018)* organized by Aurora group of Architecture Colleges, Hyderabad ISBN: 978-93-5347-667-0.

Inclusive is Sustainable- Case of Women Inclusivity in the City of Delhi, *Conference Proceedings of International Conference on Re-Discovering Cities 2k20*, organized by MM School of Architecture ISBN - 978-93-89932-48-5.

Provocateur: Imagining the Post-Pandemic Urban India Landscape, *My Liveable City* (Jul-Dec 2020), Volume 6, Issue 2 ISSN2455-2380.

Essay: Designing Convivial Urban Public Spaces, *Time, Space & People Council of Architecture* (July 2019), Volume 19, Issue 7.

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

Aarti Grover

National Committees

- Member of Building Committee, University of Delhi.
- Member of Jury Panel in National Landscape Architecture Scholarship (N-LAS) Programme — 2018 & 2019.
- Member of Faculty Recruitment Committee for Sushant School of Art & Architecture, Ansal University Jindal School of Art and Architecture, O.P. Jindal Global University.
- Member of Jury Panel for National Thesis Jury Award-2019 hosted by Council of Architecture at Pune.
- Member of Expert Group of Zoo Designing in Central Zoological Authority.
- Member of Zoo Advisory Committee of National Zoological Park, New Delhi.
- Honorary Member of National GEM Council.
- Member of Board of Studies, Sharda University.

Editorial Boards

Any Other

- Expert for Ph.D. Interview (Architecture) of RGPV, Bhopal.

14. Conferences, Exhibitions, Seminars or Workshops Organized

NIL

15. Papers presented in Seminars, Workshops, Conferences, etc.

Aarti Grover	<p>Relevance of Public Perception in Urban Landscape Event: International Conference on Sustainability in Built Environment (SIBE-2020) organized by Aurora group of Architecture Colleges, Hyderabad, in International Conference from 03.01.2020 to 04.01.2020.</p> <p>Inclusive is Sustainable- Case of Women Inclusivity in the City of Delhi Event: International Conference on Re-Discovering Cities 2K20, organized by MM School of Architecture, in International Conference from 07.07.2020 to 9.7.2020.</p> <p>Water-based Landscapes Event: Online Impact Workshop cum Master Class organized by Center for Science and Environment. Online Workshop on 29.06.2020.</p> <p>Interview on 'Essence of Life and Growth' Organized by Indian Institute of Finance, on 07.05.2020.</p> <p>Lecture on Understanding Vegetation in context of Ecology and Urbanization, GSDP Course on 'Valuation of Ecosystem Services and Green GDP' Organized by SPA-ENVIS, National GSDP Workshop on 21.01.2020.</p>
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Lecture on Design Consideration for Green Belts for Industries
GSDP Course on 'Valuation of Ecosystem Services and Green GDP' Organized by SPA-ENVIS, National GSDP Workshop on 09.03.2020.

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

Aarti Grover

International Conference on Re-Discovering Cities 2K20, organized by MM School of Architecture, International Online Conference from 07.07.2020 to 09.07.2020.

International Conference on Sustainability in Built Environment (SIBE-2020), organized by Aurora Groups of Architecture Colleges, Hyderabad, Telangana International Conference from 03.01.2020 to 04.01.2020.

Faculty Training Programme on "Practicing sustainability in the Built Environment" organized by Department of Architecture, SPA-D, Faculty Training Program/ National Workshop from 11.12.2019 to 13.12.2019.

A Deep Subconscious Control: How tectonics and Geology have shaped the Fate of all Life by Pranay Lal Talk on 22.11.2019.

Webinar on Essence of Life and Growth' Organized by Indian Institute of Finance, National Online Webinar on 27.04.2020.

One month Certificated Course on 'How to Write and Publish High Impact Journals, by IDMB, Hyderabad, National Online Research Program from 01.05.2020 31.05.2020.

ASSOCHAM GEM webinar on "Air Syndrome in Post COVID-19 Capacity Buildings", organized by ASSOCHAM, National Online Workshop on 29.05.2020.

Developing GEM Sustainability Program as a tool to meet the Challenges of Sustainable Construction in India, National Online Seminar on 02.07.2019.

Webinar on 'Impact of COVID-19 on Urban Development in India' organized by Parul Institute of Architecture and Research, National Webinar on 18.04.2020.

Webinar on 'Rethinking Post COVID-19 City Resilience' organized by Xavier School of Human Settlements, Xavier University Bhubaneswar presents by A conservation on Urban Management, National Webinar on 28.04.2020.

International Webinar on 'Rethinking Design Globally' organized by Apeejay College of Fine Arts, National Webinar on 01.06.2020

17. Membership of Professional Bodies

Aarti Grover	Member, Indian Institute of Architects; Member, ISOLA; Member, Indian Institute of Design.
Amrita Kaur Slatch	Member, ISOLA.

18. Any other Information of Relevance

Aarti Grover

- Received Gold medal for 'The Best Paper in Landscape Architecture' in International Conference on Sustainability in Built Environment (SIBE-2020) from 3.01.2020 to 4.01.2020.
- Attended 5-days "Faculty Training Programme on "Practicing sustainability in the Built Environment" from 11.12.2019 to 13.12.2019 organized by Department of Architecture, School of Planning and Architecture New Delhi.
- Organized Plantation drive by the students of Department of Landscape Architecture at Rashtrapati Bhavan along with the Honorable President of India and Director, SPA on 20.8.19.
- Dr. Aarti Grover along with two Students of the Department presented their work on water-based Landscapes in the Online Impact Workshop cum Master Class organized by Center for Science and Environment. The webinar was conducted on June 29, 2020. Our presentation was well received by the audience.
- The thesis projects of two students Guided by Dr. Aarti Grover (Bala Nagendran M. (SPA/NS/LA/605) and Kattoju Preethi Vinutna (SPA/NS/LA/610), 2017-19) were sent to Young Talent Architecture Award (YTAA) thesis award nomination. Their work was well appreciated and has been published in the YTAA website.

Special Lectures organized in the Department

- Organized Guest lecture in Department- Ecology of Ridge in Delhi with Dr. Monika Koul on 11.10.19.
- Organized Guest lecture in Department-Mangar Bani Sacred Grove with Sh. Chetan Agarwal on 6.11.19.

2.6 DEPARTMENT OF URBAN PLANNING

1. Academic Programs Offered by the Department

- Master of Planning (with specialisation in Urban Planning)
- Ph.D. programme in Urban Planning

2. Year of Establishment of the Department: 1955

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization
Sanjay Gupta	M.Sc.; M.TP; Ph.D.; FITP; Commonwealth Academic Fellow (U.K.)	Professor and Head of the Department Transport Planning (till 18.05.2020) & Urban Planning (from 19.05.2020)	Public Transport Planning, Freight Logistics, Transport Policy, Travel Behaviour and Demand Modelling, Policy Analysis, Transport Climate Change
Sanjukta Bhaduri	B.Arch; MCP; Ph.D.	Dean (Research) and Professor, Urban Planning	Urban and Environmental Planning, Disaster Management and Climate Resilient Development, Sustainable Development, Local Area Planning, Smart Cities
M. Pallaniapan	M.A; M.T.P.; M.P.S.	Associate Professor	Urban Planning
Nilanjana Dasgupta Sur	M.Sc.; M. Plan. (Urban Planning); Ph.D. (ongoing)	Assistant Professor	Urban Governance, Urban Infrastructure, Information System, Inclusive Planning, Community Participation
Aditi Arora	M.Plan. (Urban Planning); B.Arch.	Assistant Professor (on Contract)	City Planning, Sustainable Development, Waste Management
Trishubh Singh	Masters of Urban Planning	Assistant Professor (on Contract)	Infrastructure, Community Development, Environmental Sustainability, GIS

Arundhati Maiti	Masters of Geography; Masters of Regional Planning	Assistant Professor (on Contract)	Urban and Regional Planning, Urban Policies and Programmes, Governance and Reforms, Housing and Informal Settlements, Poverty and Livelihood etc.
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4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Sanjay Gupta	II	Land Use & Transport Planning (E)	1
		Design Studio (Planning)	Additional Hrs beyond teaching load
Sanjukta Bhaduri	III	Urban Risk and Disaster Management	2
		Studio (Guidance)	6
	II	Sustainable Planning and Development	1
	IV	Thesis (Guidance)	7
M. Pallaniapan	I	Studio	3
	II	Studio	8
	III	Development Finance	1
		Studio	9
	IV	Urban Development Policies	1
		Thesis	7
Nilanjana Dasgupta Sur	I	Studio (Studio Director)	6
	III	Community Participation and Planning	2
		Studio (Guidance)	6
		Studio Research Seminar	2
	II	Studio (Coordinator)	7
		Urban Information System	2
	IV	Thesis (Guidance)	7
Aditi Arora	I	Planning History	2
		Studio	8

	III	Urban design and heritage conservation	2
		Studio	9
	II	City and metropolitan planning	1
		Studio	9
IV	Thesis	7	
Trishubh Singh	I	Planning History	3
	III	Inclusive Cities	2
		Studio	11
	II	Infrastructure Planning	1
		Studio	8
IV	Thesis	7	
Arundhati malti	I	Planning History and Theory	1
		Studio	7
	III	Studio	8
	II	City and Metropolitan Planning	1
		Studio	8
	IV	Thesis	7

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Ms. Nilanjana Dasgupta Sur	I Semester M.Planning Integrated Programme	Studio	6

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hours/Week
1	Alpana Bose	I	Studio (Guidance)	1.5
2	Jai Dev Duby	I	Studio (Guidance)	1
3	Amardeep Gupta	I	Studio (Guidance)	3
4	B.K. Jain	I	Studio (Guidance)	9

5	Vaishali Gijre	I	Studio (Guidance)	9
6	Vinod Sakle	I	Studio (Guidance)	8
7	Neelima Risbud	I	Studio (Guidance)	12
8	Kavas Kapadia	I	Studio (Guidance)	9
9	Jyoti Dash	I	Housing and Environment Planning	1
10	Kusum Lata	I	Infrastructure and Transport Planning	3
11	Rupali Sandhu	I	Planning Techniques	2
12	Pawan Kumar	I	Planning History and Theory	3
		IV	Thesis (Guidance)	4
13	Rajeev Malhotra	II	Studio (Guidance)	9
		IV	Thesis (Guidance)	5
14	Sabir Ali	I	Socia – Economic Base for Planning	3
		IV	Thesis (Guidance)	9
15	Sunil Mehra	IV	Planning Legislation & Professional Practice	2
16	S. B. Khodankar	II	Studio (Guidance)	11
17	Shikha Jain	III	Urban Design and Heritage	1
18	R. Srinivas	III	Urban Development Management and Governance	1 2
		IV	Thesis (Guidance)	
19	T.R. Manoharan	I	Socia – Economic Base for Planning	3
		IV	Climate Resilient Urban Development	2
20	M.P. Mathur	I	Studio (Guidance)	6
		II	Studio (Guidance)	4
		III	Development Finance	1
		III	Studio (Guidance)	1
		V	Urban Development Policies	1

7. Details of the Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	I	<ul style="list-style-type: none"> • Area appreciation- Delhi • Site planning Exercise- Dwarka • Outline Developmental Plan -Bharathpur, Sawai Madhopur, Tonk <p>The students in the first semester started with an Area appreciation exercise at a local area scale analysing the characteristics of different wards of Delhi. Followed by a site planning exercise undertaken with various sites located in Dawarka understanding the relation between buildings, networks and outdoor spaces along with learning the physical planning. An Outline Development Plan was prepared for the cities of Bharathpur/ Swai Madhopur/ Tonk understanding the dynamics of various components in the city and setting up interventions required to achieve the vision.</p>
2	II	<p>Master Plan & Zone Development Plans for Haridwar</p> <p>Master Plan for the city of Haridwar was taken up as a part of studio exercise. Field survey was undertaken in Haridwar city. The data collected was analysed & issues identified. Sectoral forecast was carried out & alternate scenarios were developed based on which detailed plans & proposal were recommended.</p>
3	III	<p>Urban Infrastructure Plan & Projects : Lucknow</p> <p>Urban Infrastructure Plan and Detailed project reports for the city of Lucknow were carried as a part of their academic studio exercise. The exercise dealt with the preparation of urban physical and social infrastructure development plan with overview knowledge of spatial growth and development in the city of Lucknow.</p> <p>Field Survey were undertaken in Lucknow, & data collected was analysed & issues identified, Based on future projection detailed research, analysis proposals were given for Water supply, Sewerage & sanitation, solid waste management, energy, Transportation, Safety and security, recreational facilities, health facilities and education facilities.</p>

8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Ajeet Akash	Plastic Waste Management: New Delhi.	M.Palaniappan
2	Dhanshri Kamlakar Jadhav	Impact of Illegal Land Sub- division on Urban Development in Aurangabad.	M.Palaniappan
3	Jay Anil Patel	Planning and Management of Water Supply Systems – A Case of Surat City.	M.Palaniappan

4	Abhishek Kumar	Impact of Public Transport on Urban Form in Delhi.	M.Palaniappan
5	Aman Kumar Gupta	Impact of Industries on Physical Infrastructure Development: Bhilai.	M.Palaniappan
6	Swati Pradhan	Urban Revitalization Through Form – Based Code: Delhi.	M.Palaniappan
7	Krishna Supradeep Venkata Pottumuttu	Planning For Walkability & cyclability In Visakhapatnam.	M.Palaniappan
8	Akshara Shibu	Urban Air Quality Management: Case of Delhi (NCT).	Rajeev Malhotra
9	Banothu Sai Prasanna	First and Last Mile Metro Connectivity: Ameerpet, Hyderabad.	Rajeev Malhotra
10	Komal	Planning for Smart Growth in Residential Neighbourhood: A Case of Chittranjan Park.	Rajeev Malhotra
11	Shweta Singh	Planning imperatives for underground multi-modal integration: Case Study New Delhi railway station.	Rajeev Malhotra
12	Vasudha Sharma	Commercial Facilities in Residential in Neighborhoods of Delhi.	Sanjukta Bhaduri
13	B.Nidhi	Real Estate Development in Bangalore.	Sanjukta Bhaduri
14	Nupur Tyagi	Sustainability Assessment of Residential Areas in Gurugram.	Sanjukta Bhaduri
15	Sakshi Kosta	Integrated Coastal Zone Management for Surat- Daman Coast.	Sanjukta Bhaduri
16	Suhina Sarkar	Planning strategies for terminal metro station area: Case of Howrah Maidan.	Sanjukta Bhaduri
17	Satarupa Roy	Integrated Development of Jawaharlal Nehru area, Mumbai.	Sanjukta Bhaduri
18	Pavni Kakkar	Densification Strategies for Lucknow City.	Sanjukta Bhaduri
19	Barnali Chakraborty	Planning for Sustainable River City Guwahati.	Nilanjana Dasgupta Sur
20	Shreya Sen	Impact of Gentrification on Urban development, case study: Kolkata.	Nilanjana Dasgupta Sur
21	Sukhpreet Kaur	Impact of Built Environment on Crime in Delhi.	Nilanjana Dasgupta Sur
22	Priyanka	Environment Sensitive Urban Waste Management: Dehradun.	Nilanjana Dasgupta Sur

23	Saima Mujeeb	Planning for Neighbourhood Environment Sustainability, Case study: Lucknow.	Nilanjana Dasgupta Sur
24	Wadekar Poonam Pundlik Deokabai	Aerotropolis and Urban Dynamics in BIAPA, Bangalore.	Nilanjana Dasgupta Sur
25	Rithu Simha	Delimitation Strategies for Urban Growth and Sprawl Management – Case Study Bengaluru City.	Nilanjana Dasgupta Sur
26	Adhikarimayum Memthoibi Devi	Participatory Local Area Planning in Imphal.	Sabir Ali
27	Umang Arora	Planning for Sanitation System in Amritsar.	Sabir Ali
28	Sudeshna Ghose	Strategic Planning for Weekly Markets in Delhi.	Sabir Ali
29	Barkha Soni	Planning For Sustainable Urban Infrastructure Development in Gwalior city, Madhya Pradesh.	Sabir Ali
30	Ragini Shyamal Dutta	Planning Strategies for Sustainable Communities Through Place- Making in Thane.	Sabir Ali
31	Saba Ameer	Impact of Urban Conflict on Development in Meerut, Uttar Pradesh.	Sabir Ali

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2013-14	Ms. Nilanjana Dasgupta Sur	Knowledge Networking and Capacity Development of Urban Local Bodies for Improved Service Delivery.	Sanjukta Bhaduri & Chetan Vaidya
2	2016-17	Ms. Mutum Chaobisana Devi	Carrying Capacity as a Determinant for Transit Oriented Development: Case Study-Delhi.	Sanjukta Bhaduri
3	2017-18	Ms. Shilpa Jain	Public-Private Partnerships (PPP) in Development of Urban Built Heritage in the Indian Context.	Sanjukta Bhaduri
4	2018-19	Ms. Shruti Madav Vaishampayan	Urban Redevelopment and Patterns of Gentrification in Indian Cities.	Sanjukta Bhaduri

5	2017-18	Ms. Honey Jalali	“Community Participation in Conservation of Water Bodies and their Catchments in NCT Delhi.	Sanjukta Bhaduri
6	2018-19	Mr. Debraj Chakraborty	Inclusive Resilience in Urban Flooding.	Sanjukta Bhaduri
7	2018-19	Mr. Sunil	Dynamics of Land Transformation in Peri Urban Areas Around Multi Transit Corridors.	Sanjukta Bhaduri
8	2019-20	Ms. Aditi Mitra Ghosh	Barrier- Free Energy Transition in Urban Planning.	Sanjukta Bhaduri
9	2020-21	Ms. Supritha M.Y.	Townships: A Sustainable Development.	Mahavir
10	2020-21	Ms. Pallavi Tiwari	Environmental Health Risk Assessment in Urban Areas.	Mayank Mathur

10. Details of Research Projects

S.No.	Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
1	CLIMATRANS with Institute of Transport Economics, Oslo Norway as lead partner and SPA Delhi as Co PI.	Norwegian Centre for Transport Research (Advanced stage of completion)	Not Applicable	Sanjay Gupta
2	UNDEREFORM with Leeds University (U.K) as lead partner and SPA Delhi as Co-PI.	ICSSR and ESRC (U.K.) (Advanced Stage of completion)	Not Applicable	Sanjay Gupta
3	Smart Toolkit for e-Participation.	MHRD	Not Applicable	Sanjukta Bhaduri
4	Application for street vendors.	MHRD	Not Applicable	Sanjukta Bhaduri
5	Toolkit for assessing land and property values for displaced persons.	MHRD	Not Applicable	Sanjukta Bhaduri

6	Big data Applications in Disaster Risk Modelling.	RICS, UK	Not Applicable	Sanjukta Bhaduri
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11. Details of the Consultancy Projects

S.No.	Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
1	Comprehensive Mobility Plan for Gurugram Metropolitan Development Area.	GMDA	Sewa Ram	Sanjay Gupta
2	Outline Design Criteria (ODC) for RRTS Stations.	NCRTC	Sewa Ram	Sanjay Gupta
3	Comprehensive Mobility Plan for Dwarka, Delhi.	DDA	Sewa Ram, Chidambara	Sanjay Gupta
4	Taj Trapezium Zone (TTZ Project).	UP Govt.	Nilanjana D Sur	Meenakshi Dhote (Deptt. of EP)
5	Heritage Impact Assessment of Regional Rapid Transit System (RRTS).	NRCTC	Sanjukta Bhaduri	Anuradha Chaturvedi

12. Details of Publications

Sanjay Gupta	Freight Transport and Logistics- Likely trends of New Normal, published in <i>Traffic Infratech</i> , April- May 2020 issue.
Sanjukta Bhaduri	Decentralized Waste Management Approach for Residential Neighbourhood, <i>NCHF Bulletin - Special issue on World Habitat Day</i> , 2019, Vol. XXXII, No. 3-4, September-October, 2019. <i>Inclusive Planning for Open Spaces</i> , ISSN 978-81-927014-5-5. Proceedings of ALL INDIA DIC MEET, 2019.

13. Conferences, Exhibitions, Seminars or Workshops Organized

Sanjukta Bhaduri

National Exhibition

- All India DIC Exhibition, 26.11.2019.
- All India DIC Exhibition, 27.11.2019 to 29.11.2019.

14. Papers Presented in Seminars, Workshops, Conferences, etc.

Sanjukta Bhaduri	Local Area Planning and Brown Field Development' National Conference), 10.08.2019. Review of Regional Plan (National Conference), National. Challenges and way forward for Street Vendors (State Workshop), on 24.09.2019
Arundhati Maiti	Paper titled "Role of National Missions in implementing Sustainable Development Goals (SDG) in India", presented at the National Town and Country Planners Congress on "National Missions: Spatial Planning and Implementation Initiatives" organized CIDC, Govt. of Maharashtra (National Conference), on 12.01.2020. Paper titled "Localizing the Macro Framework of SDG 11: An Indian Experience", presented at the International Conference on "Global Frameworks in the Local Context: Challenges and Way Forward" organized by the CRRID (National Conference), on 6.12.2019.

15. Participation of Faculty members in Seminars, Workshops, Conferences, Exhibitions, etc.

Sanjukta Bhaduri	ITPI Conference on Local Area Planning and Brown Field Development, on 10.08.2019. NASVI Workshop on Livelihood of Street Vendors in Smart City Pro, on 24.09.2019. NCRPB Conference on Review of Regional Plan on Environment and Disaster Management. International Conference on Future Cities, from 11.12.2019 to 13.12.2019. The Economic Times Acetech 2019 – Delhi edition (Exhibition), from 19.12.2019 to 22.12.2019. The 11th National Street Food Festival, from 25.12.2019 to 29.12.2019.
Arundhati Maiti	Conference on "The Future of Urban Sanitation in India" organised by Society for Participatory Research in Asia (PRIA), New Delhi, from 27.02.2020 to 28.02.2020.

16. Details of Membership in Committees/ Editorial Boards, Any other

Sanjay Gupta

National Committees

- Member, Jury, National Committee on Best Urban Transport award, Ministry of Housing and Urban Affairs, GOI.
- Member, Evaluation Committee, Institute of Town Planners, India.
- Member, Advisory Committee, Department of Transport Planning and Logistics Management SPA Bhopal.
- Member, Climate Smart Cities Assessment Framework 1.0 & 2.0 Expert Committee, MoHUA, NIUA, GOI, Aug 2019 and May 2020 respectively.
- Member Technical committee, 13th Urban Mobility India Conference cum Exhibition, November, 2020.

International Committees

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

Editorial Boards

- Chairman, Publication Committee, Institute of Urban Transport (I).
- Member, SPACE journal, School of Planning and Architecture, Delhi.

Sanjukta Bhaduri

National Committees

- Member, Board of Studies, Department of Architecture and Planning, Indira Gandhi Technical University for Women, Delhi.
- Member, Board of Studies, Faculty of Urban Planning & Architecture, State University of Rohtak.
- Member, Steering Committee constituted of the review of the regional Plan 2021 for NCR.

Editorial Boards

- Member, Editorial Board, International Conference for Future Cities, IIT, Roorkee
- Reviewer, Current Science Journal, IIT Madras.

17. Any Other Information of Relevance

Sanjay Gupta

- Attended several webinars related to city planning during pandemic electric mobility, walking & cycling infrastructure planning, active travel, public transport, micro mobility etc.
- Ph.D. Examiner of Doctoral Scholar, Department of civil Engg, IIT Mumbai.
- Examiner of M.Planning thesis, CEPT University.
- Evaluated Ph.D report of Doctoral Scholar, Department of Architecture & Planning, Chotu Ram state Institute of Technology, Murthal.

Sanjukta Bhaduri

- Patent filed for Invention System and Method for Local Area Planning, October 2019.
- Provisional Patent filed for Application for street vendors, July 2020.
- Course Coordinator for MOOCS on “City and Metropolitan Planning”, under SWAYAM, Govt. of India.
- Course Coordinator for MOOCS on “Urban Risk Mitigation and Climate-resilient development”, under SWAYAM, Govt. of India.
- Appointed on Jury for Thesis Defence of Doctoral Scholar, University of Grenoble Alpes on 5th July, 2019.
- Member, Interview Board of Selection of Chief Planner, TCPO.

Nilanjana Dasgupta Sur

- Paper Setter for an Executive Position of Town Planning under the Kerala Public Service Commission 2020.

Trishubh Singh

- Attended National Conference on 'Future of Urban Sanitation' organised by PRIA, NIUA & RIS, from 27-28 Feb 2020.
- Attended International Webinar on 'Housing rights and river front development in Asian cities: time for a change' organised by INHAF on 17.08.2020.

2.7 DEPARTMENT OF REGIONAL PLANNING

1. Academic Programs offered by the Department

- Master of Planning (with specialization in Regional Planning)
- Ph.D. programme in in Regional Planning

2. Year of establishment of the Department: 1958 (as combined Urban and Regional Planning Department)

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization
Vinita Yadav	Ph.D.	Professor and Head of the Department	Governance, Poverty and Development, Institutional Analysis, Participatory and Inclusive Development, Resilient Planning
Chetna Singh	Ph.D.	Assistant Professor	Regional Planning
Ruby	B. Arch.; M. Plan. (R.P); AITP	Assistant Professor (on contract)	Land market and management, Resettlement and Rehabilitation, Rural Development
Smriti Ashok	M. A. (Geography); M.Phil; Master of City Planning; Ph.D.; M.Sc. (Geoinformatics)	Assistant Professor (on contract)	City Planning Sustainable Ecotourism Development, Application of Remote Sensing and GIS in Urban Planning Urban Recreation Study Environmental Issues and Policy Regional Planning

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Vinita Yadav	III	Studio	10
	III	Institutional Analysis and Governance	2
	II	Studio	2

	II	Planning for Regions	2
	IV	Thesis	6
Chetna Singh	III	Studio	8
	III	Environment and Development	2
	II	District Planning and Rural Development	2
	II	Studio	8
	IV	Thesis	12
Ruby	III	Resettlement & Rehabilitation (Departmental Elective)	2
	III	Spatial Data Infrastructure (Departmental Elective)	2
	II	Studio	7
	II	Land Markets and Management	2
	II & IV	Climate Change and its impact and Thesis	2 & 6
Smriti Ashok	III	Legal Issues in Planning and Professional Practice	2
	III	Studio	2
	III	Future Regions (Institute Elective)	2
	IV	Thesis	9
	II	Studio	3

5. Details of Teaching Work Undertaken by Faculty in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs./Week
Chetna Singh	I	Studio - First Integrated Semester	6
	I	Theory -Planning for Conservation (Architecture Conservation Department)	0.5
Ruby	I	Studio	10

	I	Planning Technique	2
Smriti Ashok	I	Studio	8
	I	Planning Technique	2

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
1	Dr. Akshay Sen	III	Project Planning	2
2	Mr. Rajeev Malhotra	IV	Thesis	6
3	Mr. Kishore Kumar Joadder	IV	Thesis	6
4	Dr. Sachin Chowdhry	IV	Politics and Public Policy (IE)	2
5	Prof. Dr. Radha Kanta Barik	IV	Politics and Public Policy (IE)	2
6	Dr. Akshay Sen	III	Project Planning	2
7	Mr. Rajeev Malhotra	IV	Thesis	6
8	Mr. Kishore Kumar Joadder	IV	Thesis	6
9	Dr. Sachin Chowdhry	IV	Politics and Public Policy (IE)	2
10	Prof. Dr. Radha Kanta Barik	IV	Politics and Public Policy (IE)	2

7. Details of Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio and Brief Description
1	II	Block and Village Development Plan, Maheshwar Block, Khargone District, Madhya Pradesh

		<p>The concept of block or community development block was laid in 1952 in the first FYP with the launch of Community Development Programme. The aim of the programme was to define the needs of the community and organizing them formally and informally in the domain of democratic planning. Blocks were earmarked for the purpose of administration and development. Government came up with the concept of Village Development Plan for the economic and social justice in relation to the 11th schedule of the 73rd Constitutional Amendment Act. In 1992 the 73rd and 74th Constitutional Amendments were made for the devolution of powers to three tier system of governance. A milestone in evolution of decentralization after 73rd CAA was guidelines for preparation of Gram Panchayat development Plan. Village planning is a process of sequential development of the village life so as to promote economic and social welfare, taking the ecological considerations.</p>
2	III	<p>The third semester studio of preparing Varanasi City Region Plan focuses on preparing a plan with focus on understanding the complexities of a region, identifying the issues, formulating strategies, project identification and implementation of plan. The studio exercise aims at making the students' understand the nuances of plan preparation, especially the scale and type of resources required for Regional Development. The city region is identified for detailed analysis and data related to demography, socio-economic conditions, livelihood, natural resources etc. is collected to identify the issues and potential of each settlement. The spatial analysis is carried out to understand the changes occurred in the city region and reasons behind such changes along with infrastructure provision and access to all the sections of society to cater to the current and future requirement. The studio exercise require skill analysis to understand the potential and requirement of capacity building, mapping rural and urban settlement level institution and non-institutional networks, identification and analysis of government and private sector projects/ programmes/schemes, identification of city region specific issues after discussing with stakeholders, formulating strategies and detailed proposals. Smart City Region Plan (CRP) for Varanasi is integrated with other plans, projects are identified based on proposals and an implementation plan is prepared along with phasing of investment and sources of funding.</p>

8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Anshuman Singh Patel	Impact of Industrial Development on Environment of Hill District Solan, Himachal Pradesh.	Chetna Singh

2	Govind Kumar	Strategies for Sustainable Sanitation: Case Study of Patna Metropolitan Region.	Rajeev Malhotra
3	Jagdeep Singh	Sustainable Water Resource Management in Bathinda District.	K.K. Joadder
4	Manik	Influence of Heritage Railways in Development of Hilly Region.	Vinita Yadav
5	Mehak Aggarwal	Impact of Urbanisation on Ground Water: A Case Study of Gurugram District, Haryana.	Mr. Rajeev Malhotra
6	Mohd. Salman	Impact of Highway Corridor on Regional Development': Case of Lucknow-Kanpur corridor	Dr. Vinita Yadav
7	Mohd. Aqueel Mansoori	Implication of expressway on regional development - Case study of Bhopal Indore Greenfield Expressway.	Chetna Singh
8	Mohit Singh	Planning for Tribal District - Banswara, Rajasthan.	K.K. Joadder
9	Saumya Shrivastava	Development Induced Resettlement and Rehabilitation: A Case Study of Naya Raipur.	Vinita Yadav
10	Seema Antil	Sprawl of Chandigarh and it's Impact on Livelihood in Fringe Areas: A Case of SAS Nagar District.	Chetna Singh
11	Shalini Sharma	Strategies for Tourism Development of Garhwal Region.	Vinita Yadav
12	Shiwangee Singh	Impact of Tanneries on Socio-Economic Development and Environment of a Region: A Case Study of Unnao Tehsil.	Chetna Singh
13	Yashika Sachdeva	Reversing Land Desertification: Policy Framework to achieve Land Degradation Neutrality.	Vinita Yadav

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2017	Ms. Shashi Mehta	Resource Management in Aravali Region.	Vinita Yadav
2	2018	Mrs. Priya Bhardwaj	Disaster Led Outmigration: A Case of Uttarakhand.	Vinita Yadav
3	2018	Mr. Meet Fatewar	Subaltern Urbanisation in Uttar Pradesh: A Spatio-Economic Analysis.	Vinita Yadav
4	2019	Mr. Zeeshan Ibrar	Resilience Framework for Flood Affected Region: Case Study of Bihar.	Vinita Yadav

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
Design Innovation Centre	Ministry of Human Resource Development	Vinita Yadav	Ashok Kumar

11. Details of Consultancy Projects

NIL

12. Details of Publications

- Vinita Yadav *Sustainable Regional Development*, New Delhi: Studera Press, ISBN 978-93-85883-97-2.
- Confronting the Pandemic in a Region from Planners' Lens*, Economic Times.
- Apathetic Approach towards Fire Incidents and Measures to be Initiated*, Economic Times.

Chetna Singh Singh, Chetna (2018), "Physical Transformations in Peri Urban Areas of Metropolitan Regions and Their Governance for Better Service Delivery and Planning: A Case Study of Chennai Metropolitan Area", *SPACE*, Vol.22, No.1-4, Jan-December 2018.

Singh, Chetna (2020), "Metropolitan and Peri-Urban Governance in India- Case Study of Chennai", *Indian Journal of Public Administration*, Sage Publication, Vol.66, No.1. (Accepted in February, 2020).

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

NIL

14. Conferences, Exhibitions, Seminars or Workshops Organized

NIL

15. Papers presented in Seminars, Workshops, Conferences, etc.

Chetna Singh Transformations in Peri Urban Areas of Metropolitan Regions and Their Governance for Better Service Delivery and Planning: A Case Study of Chennai Metropolitan Area International Conference on Future Cities-2019, from 11.12.2019 to 13.12.2019.

Transformations in Peri-urban Areas and Role of the State in Service Provision - An Institutional Approach for Better Outcome: A Case Study of Chennai Metropolitan Area 3rd Asian Regional Conference on Peri-Urbanization (ARCP), from 17.12.2019 to 20.12.2019.

Smart Villages: Concept and Requirements for post Covid-19 Situation WEBINAR on - Smart Settlements and COVID 19: Challenges and Issues from Rural and Urban Perspective", on 21 June, 2020.

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

Vinita Yadav 5 day Urban Gardening Awareness Programme webinar programme titled "Urban Gardening", from 14 to 17 May 2020.

Art of Writing Research Review/Article for Publishing in Peer Review Journals, International webinar, on 25 May 2020.

Post Covid World: Skills Faculty Learning Programme & Strategies for Faculty, webinar, on 25 May 2020.

The impact of Attitude, Behaviour and Emotional Intelligence on performance' organised by AIMS School of Business, Bangalore, University of Stirling Webinar, on 26 May 2020.

Qualitative Methods in Social Work Research' by the Department of Social Work, St Claret College, Bangalore, on 26 May 2020.

Quantitative Methods in Social Work Research' by Department of Social Work, St Claret College, Bangalore, on 25 May 2020.

Workshop on Application of Mixed Methodologies in Social Work Research: An Overview for Academicians' by the Department of Social Work, St Claret College, Bangalore, on 27 May 2020.

Role of Technologies in Rural Areas for Skill Development, Livelihood for Atmnirbhar Bharat organized by SPIU-UP, AKTU, Unnat Bharat Abhiyan and IEI, Workshop, on 16 June 2020.

Developing Resilience in Life" by J.M. Radhakrishna, HRD and Organisation Consultant organised by Department of Physical Planning, School of Planning and Architecture, New Delhi, Webinar, on 21 July 2020.

- Chetna Singh Transformations in Peri Urban Areas of Metropolitan Regions and Their Governance for Better Service Delivery and Planning: A Case Study of Chennai Metropolitan Area, from 11-13 December, 2019.
- Transformations in Peri-urban Areas and Role of the State in Service Provision - An Institutional Approach for Better Outcome: A Case Study of Chennai Metropolitan Area, from 17-20 December, 2019.
- Smart Villages: Concept and Requirements for post Covid-19 Situation, Webinar, on 21.06.2020.
- "Mapping the Urban Data Gaps", Webinar, on 30 May 2020.
- Rethinking Post Covid-19 City Resilience, Webinar, on 28 May 2020.
- Smriti Ashok S.Ashok, MD Behera, HR Tewari (1991) Evaluating the applicability of ESM (Ecotourism Sustainability Maximization) model to assess, monitor, and manage the ecotourism sustainability in mountain ecosystem (Mt. Kangchendzonga Base Camp Trek, India). Environmental Monitoring and Assessment, 2019, Vol 191, Issue 3, Pg -801, Springer International Publishing.

17. Membership of Professional bodies

- Vinita Yadav** Life Member, Institute of Town Planners, New Delhi; Life Member, National Association of Geographers, India; Life Member, Regional Science Association of India; Calcutta ; Life Member, The Deccan

Geographical Society; Life Member, Indian Society of Remote Sensing.

Chetna Singh

Life Member, Institute of Town Planners India.

18. Any Other Information of Relevance

Ms. Ruby

Attended QIP short term course on “Structural Equation Modelling and its Application in Architecture and Planning” at IIT Roorkee from June 17 to June 21,2019.

Special Lectures Organised by the Department

- Mr. Arunkumar, Forgetting Communities October 2019.
- Ms. Priyanka Kochhar, Do Competing labels implead or inspire Sustainable Regional Development? October 2019.
- Mr. Pradeep Kumar, Developing Building Regulations for Resilience in Regional October 2019.
- Dr. Kanchan Gandhi, Environment and Development September 2019.
- Mr. Sanjeev Saxena, Legal Issues in Planning and Professional Practice September 2019.
- Mr. Saurabh Suman Sinha, Legal Issues in Planning and Professional Practice November 2020.
- Mr. Satish Parashar, National Capital Region Development February 2020.
- Mr. Pradeep Narayanan, Human Rights from the lens of Workers February 2020.
- Dr. Poonam Sharma, Role of Geospatial technology in Measuring Micro Climate and Planning Environmentally Sustainable Regions February 2020.
- Ms. Anjali Pancholy, Regional Planning in Germany March 2020.

2.8 DEPARTMENT OF HOUSING

1. Academic Programs Offered by the Department

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

2. Year of Establishment of the Department: 1958

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
P.S.N. Rao	Ph.D.; M. Plng. (H) (Gold Medal); B.E. (Civil); A.I.I.A. (by Exam); Cert. Urb. Mgt. (Canada); Adv. Cert. in Art Appr. (NGMA)	Director, Professor of Housing	Urban Planning, Housing, Real Estate, Water, Sanitation and Environment, Governance	COA/2001/2862
Ruchita Gupta	Ph.D.; M. Planning (Housing); B. Arch.	Associate Professor	Housing	CA/99/24621
Harshita Deo	B.Arch.; M.Plan.	Assistant Professor	Planning	CA/2009/44833
Rashi Gupta	M.Planning (Housing); B.Arch	Assistant Professor (on contract)	Housing	CA/2007/39490

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Ruchita Gupta	III	Informal Housing, Slums and Poverty (Theory)	2
	I	Planning Studio	6
	III	Project Formulation and Design (Studio)	8
	II	Urban and Rural Housing Policy and Programmes (Theory)	2
	II	Housing Options and Strategy (Studio)	7

	IV	Housing Studio- Thesis (Studio)	7
Harshita Deo	I	Theory - Housing Theory	1
	I	Studio - Planning Studio	8
	II	Theory - Housing Standards, Design and Projects	2
	II	Studio - Housing Options and Strategy	7
	III	Studio - Housing Project Formulation & Design	7
	IV	Studio - Thesis Studio	7
Rashi Gupta	I	Theory- Housing & Environmental Planning	1
	I	Studio-Planning Studio	9
	II	Theory-Urban Land Management	2
	II	Studio-Housing Strategy	7
	III	Housing Studio-Project formulation & Design	6
	IV	Housing Studio- Thesis	7

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Ruchita Gupta	VII (B.Arch.)	Seminar (Studio)	3
	V (B.Plan.)	Housing (Theory)	1
	VIII (B.Plan.)	Thesis Guidance (Studio)	3
Harshita Deo	I (Arch. Cons.)	Planning for Conservation	4

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
1	Dr. J. B. Ghildiyal	III	Housing Studio- GIS Applications in Housing	32

2	Shri Vinod Sakle	III	Housing Studio- Housing Project Formulation	64
3	Dr. Bipasha Kumar	III	Disasters and Settlements	32
4	Dr. Pushpanjali Jha	III	Inclusion and Community Participation	32
5	Shri Samdarsh Nayyar	III	Special Lecture	2
6	Shri Vinay Thomas	III	Special Lecture	2
7	Dr. Akshaya Sen	II	Housing Finance and Project Formulation	16
8	Ms. Rita Bhattacharya	II	Housing Finance and Project Formulation	16
9	Dr. Shailesh Kr. Agarwal	II	Elective 1 Materials & Technology	32
10	Dr. J. B. Ghildiyal	II	GIS Applications in Housing-I	32
11	Ms. Chitra S. Jain	II	Housing Strategy	96
12	Sanjeev Saxena	IV	Housing Legislation and Governance	32
13	Sanjeev Saxena	IV	Housing Legislation and Governance	32
14	Vinod Sakle	IV	Thesis	160

7. Details of the Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment Brief Description
1	II	<p>Housing Options and Strategy – Chennai</p> <p>Housing Strategy – In this studio, students have studied the housing situation in Chennai city. They studied the various housing sub-systems including organic, planned and unplanned settlements and analyzing the various housing options available in various housing sub-systems based on the people's affordability, also identified supply constraints, shortage, etc. and developed a strategy to address the housing problems of Chennai in the next ten years.</p>

2	III	<p>Housing Project Formulation & Design: Visakhapatnam Housing Project Formulation and Design – In this studio, students have studied the housing market in the city of Visakhapatnam and its suburbs to formulate housing projects on selected locations. This work was done in groups. On the selected sites, students have developed the product mix, developed the design of the project based on several considerations and studies and also worked out the financial feasibility in terms of IRR, cash flow and profitability.</p>
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8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Aakriti Singhai	Evaluation of Organized Co-living Rental Housing options in Bangalore.	P.S.N. Rao
2	Akanksha Singh	Housing options for long term visitors in Varanasi.	Harshita Deo
3	Aryan	Housing Strategies for Flood Affected Villages in Assam: Case study- Barpeta District.	Harshita Deo
4	Ayush Gupta	Multistoried Housing Extensions in Delhi.	Vinod Sakle
5	Bhavya Mathur	Review of R&R Projects in NMIA Area, Navi Mumbai.	P.S.N. Rao
6	Cukku Pavith	Inter State Migrant Workers Housing in Ernakulam, Kerala.	Rashi Gupta
7	Daphne Cynthia C	Evaluation of RERA implementation in Chennai.	P.S.N. Rao
8	Debanjali Saha	Review of Programmes for Slum Development in Kolkata, West Bengal.	Ruchita Gupta
9	Shruti Deepak Gandhi	Construction Workers Housing in Mumbai.	Ruchita Gupta
10	Jismi Joseph	Policy Interventions for Affluent Unauthorized Colonies in Delhi.	Ruchita Gupta
11	Mehvish Jan	Evaluation of Housing of Dal Lake dwellers, Srinagar.	P.S.N. Rao
12	Midhun M.S.	Evaluation of PMAY(Urban) Kerala.	Ruchita Gupta

13	Nidhi Jain	Industrial workers housing in Jaipur Region.	Vinod Sakle
14	Parul Suraia	Repair and Reconstruction of Ageing Residential Buildings in Island City of Mumbai.	Vinod Sakle
15	Pretty Prakash	Impact of tourism on residential areas: A case of Kovalam & Varkala, Kerala.	Rashi Gupta
16	Romalika Patra	Evaluation of JAGA Mission in Urban Odisha.	Harshita Deo
17	Sonali Shivaji Salunkhe	Impact of Panchaganga River Floods in Kolhapur.	Harshita Deo
18	Sangye Dawa Myes	Housing for Tibetan Refugees in Northern India.	Rashi Gupta
19	Saurabh Jain	Transformation in the Urban Villages of Chandigarh.	Rashi Gupta
20	Soumya Shrivastava	Review of Rehabilitation of Narmada Valley Project affected families in Madhya Pradesh.	P.S.N. Rao
21	Vipin Kumar	Housing Transformation in Overspill Areas of Old Delhi.	Vinod Sakle

9. Details of Ph.D. Thesis Topics

S. No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2016-17	Ms. Anjali Sharma	Comprehending Process of Slum Redevelopment in Mumbai.	P. S. N. Rao Ashok Kumar
2	2018-19	Ms. Suparna Lahiri	Cost-Economics of Housing in India: Study of High-rise, Midrise and Low-rise Prototypes to Determine an Optimal Building Height for a cost Effective Housing Model.	P.S.N Rao
3	2020	Ms. Jyoti Dash	Comparative Analysis of Selected Land Pooling Models for provision of Land for Housing in India-Strength.	P. S. N. Rao

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of Other Faculty in the Team (if applicable)	Name of the Project Coordinator
Decision- Support framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change UGC for Indian Side and British Council for UK Side.	UGC-UKEIRI		P.S.N. Rao
Design Solutions for Low income Settlements.	DIC, SPA, New Delhi	P.S.N. Rao, Harshita Deo	Ruchita Gupta

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Kavikulaguru Kalidas Sanskrit University Project.	Kavikulaguru Kalidas Sanskrit University		P.S.N. Rao
Numaligarh Refinery Ltd., Project.	Numaligarh Refinery Ltd.		P.S.N. Rao
Rashtriya Sanskrit Sansthan Agartala Project.	Rashtriya Sanskrit Sansthan		P.S.N. Rao
Preparation of DPR for Rashtriya Sanskrit Sansthan's Campus at Mumbai Project.	Rashtriya Sanskrit Sansthan		P.S.N. Rao
Preparation of DPR for Rashtriya Sanskrit Sansthan's Vedavyas Campus, Garli, Himachal Pradesh Project.	Rashtriya Sanskrit Sansthan		P.S.N. Rao

12. Details of Publications

Rashi
Gupta

Gupta, R., Shah, M.N. and Mandal, S.N. (2020), Emerging paradigm for land records in India', *Smart and sustainable Built Environment*, Emerald Publication (International Article).

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

P.S.N. Rao

National Committees

- Member, National Wetlands Committee, National Wetlands Committee, Ministry of Environment and Forests.
- Member, Ministry of Tribal Affairs National Level Committee for Setting Up Museums for Tribal Freedom Fighters.
- Member, Expert Appraisal Committee, Ministry of Environment and Forests.
- Chairman, Delhi Urban Arts Commission.
- Chairman, Town and Country Planning Board, AICTE.

Editorial Boards

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

Ruchita Gupta

Any Other

- External Expert for the Department Research Committee at Amity School of Architecture and Planning, Amity University Haryana.
- Jury Member, Planning Exercise, Institute of Town Planners, March 2020.
- External Examiner at SPA Bhopal for B. Planning Programme (subject Planning Lab-III), December 2019.

14. Conferences, Exhibitions, Seminars or Workshops Organized

NIL

15. Papers presented in Seminars, Workshops, Conferences, etc.

Ruchita
Gupta

International training programme on “Realizing the Right to Adequate Housing in the Context of Habitat III New Urban Agenda-Policies, Planning & Practice”, HSMI (International Training Programme), in March 2020.

3 day training course- “Urban School” on “Appreciating Urban India: Development Policies and Practices” for civil society organizations, Priya (National Training Programme), in February 2020.

International Course on “Formal Solutions to Informal Settlements”, HSMI (International Training Programme) in November 2019.

Special Lecture, SPA-Bhopal (Special Lecture) in September 2019.

Webinar on Housing Policy: Prospects Post Covid-19 (National Seminar) in May 2020.

Harshita Deo Paper titled 'Impact of Globalization on housing and its inhabitants' presented in SPACE International Conference on Housing at Doclands Academy, London, UK (International Conference), from 29.11.2019 to 01.12.2019.

Rashi Gupta International Conference on Future Smart Cities (International Conference), from 5.11.2019 to 7.11.2019.

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

Ruchita Gupta Attended Conference on “Real Estate Developers for In-Situ Redevelopment Projects on JJ Clusters on DDA Land in PPP mode under PMAY” National Conference) in August 2019.

Attended a Colloquium on “Urban Environment and the City” (National Seminar) in November 2019.

Attended 4th Conference on “Affordable Housing in India Drivers, opportunities and Outlook” (National Conference), in November 2019.

Attended a Conference on “Pradhan Mantri Awas Yojana “In-Situ” Slum Redevelopment” (National Conference) in January 2020.

Harshita Deo Faculty Training Programme on 'Practicing Sustainability in the Built Environment' at SPA New Delhi (National Workshop / Training Programme), from 11th - 15th March 2020.

17. Membership of Professional Bodies

P.S.N. Rao Fellow, Institute of Town Planners India; Fellow, Institute of Engineers; Associate, Indian Institute of Architects.

Ruchita Gupta Associate, Institute of Town Planners India.

Harshita Deo Associate, Institute of Town Planners India.

Rashi Gupta Associate, Institute of Town Planners India.

18. Any other information of Relevance

P. S. N. Rao

- Chairman, Delhi Urban Art Commission, Ministry of Housing and Urban Affairs,

- Government of India.
- Chairman, Town and Country Planning Board, AICTE, Ministry of Human Resource Development, Government of India.
 - Chairman, Delhi Regional Chapter, ITPI.
 - Director, Ujjain Smart City Ltd.
 - Chairman, Jury for Central Vista Redevelopment.

Ruchita Gupta

- Completed Faculty Training Programme on “Practicing Sustainability in the Built Environment” at SPA New Delhi from 11-15 March 2020.
- Completed online course on “Vulnerability Atlas of India” on 16 April 2020 organized by BMTPC and SPA, New Delhi.

2.9 DEPARTMENT OF TRANSPORT PLANNING

1. Academic Programs Offered by the Department

- Master of Planning (with specialization in Transport Planning)
- Ph.D. programme in Transport Planning

2. Year of Establishment of the Department: 1970

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization
Sewa Ram	B. Tech. (Civil); M.Plan. (Transport); Ph.D.	Professor of Transport Planning	Transport Infrastructure Design, Traffic Engg. Geometric Design, Capacity of Roads and Intersection
Sanjay Gupta	M.Sc.; M.TP; Ph.D.; FITP; Commonwealth Academic Fellow (UK)	Professor of Transport Planning and Head of the Department of Transport Planning (till 18.05.2019) & Head, Department of Urban Planning (w.e.f. 19.05.2020 till date)	Public Transport Planning, Freight Logistics, Transport Policy, Travel Behaviour and Demand Modelling, Policy Analysis, Transport Climate Change
Vinay Maitri	Ph.D.	Professor of Programming and Dean (Students Affairs)	System Analysis and Design, Software Development, Computer Applications, System Testing, Database Management, EDP Auditing ISO 9000, Market Research Quantitative Techniques, Statistics, Transport Economics, Intelligent Transport System. SPSS and R CMDA
Bhaskar Gowd Sudagani	Ph.D.; M. Plan. (Transport Planning); B.Tech. – Civil	Assistant Professor	Urban Transport Planning, Transport Economics, Road Safety.

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Sanjay Gupta	II	Public Transport Planning	2
	III	Logistics and Urban Freight	2
	III	Analytical Transport Planning	1
	III	Design Studio (Planning)	4
	IV	Transport policy, Legislation and Institutional framework	2
	IV	Thesis Guidance	5
		Ph.D Research Guidance	
Vinay Maitri	I	Statistics	1
	I	Studio	3
	II	Studio/Traffic Lab (Analytic Techniques)	2
	II	Transport Economics	2
	II	Planning and Design Studio	2
	III	Intelligent Transport System	2
	III	Studio	2
	IV	Thesis	3
Bhaskar Gowd Sudagani	II	Urban Transport Planning	1
	II	Studio - Preparation of Transport Plan	9
	III	Engineering Economics	1
	III	Studio - Hill Road Safety Audit	6
	IV	Thesis	6

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Sanjay Gupta	I (Integrated)	Design Studio	3
	II (Deptt. of UP)	Transport Land use Planning	1
Bhaskar Gowd Sudagani	I	Transport Planning	1
	I	Studio - Preparation of ODP	8

6. Details of Teaching Work Undertaken by Visiting Faculty

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Vaishali Gijre	II & IV	Studio+ Thesis	11
	III	Public Transport & City Development (Theory)	2

7. Details of the Studio Work Undertaken by Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1	II	<p>Comprehensive Mobility Plan (CMP) for Amritsar city (MC) Objective of the study was to provide a long term vision for desirable accessibility and mobility pattern for people and goods in the city to provide, safe, secure, efficient, reliable, seamless connectivity that supports and enhances economic, social and environmental sustainability. Existing transport infrastructure was assessed. Mobility data was collected through primary survey. Different planning proposals were studied. Future demographic projection, future physical plan and potential became the basis for Transport Plan.</p>
2	III Studio – 1 (Planning Group)	<p>Mobility Management Plan for Noida, Uttar Pradesh, India Objective of Mobility Management Plan was to manage movement of person rather than vehicles. Different management strategies were prepared with the objective of appreciating the importance of mobility management in sustainable development of an urban area, reviewing practices of mobility management in metropolitan cities at national and global level, assessing the existing transport demand and supply pattern in case city of Noida and identify issues related to managing mobility, carrying out rapid assessment of travel demand in study area and its implications on transport supply capacity and evolving alternate mobility management strategies and its impact on overall sustainability.</p>
3	III Studio – 1 (Design Group)	<p>Feasibility Study of Maglev/RRTS alignment from IGI airport (T3) to Jewar airport Objective of the study was to conduct a detailed feasibility study and prepare design of Maglev and Rapid Rail Transit System (RRTS) alignment to have a seamless connectivity between proposed Jewar International airport and Indira Gandhi International Airport(IGI) airport. Study identified different alternatives of alignment with different technology. While alignment options were identified, connectivity and accessibility were a consideration. Designs of station, interchange station and multimodal terminal were prepared.</p>

4	III Studio – 2 (Planning Group)	Planning for Goods Movement in Hilly Town: Case city – Shimla The study was to prepare Plan for Sustainable Goods Movement in Hilly Town– Shimla. The objective was to understand the supply and demand characteristics of freight transport, to assess the characteristics of freight generating and handling areas in Shimla, to develop the demand forecast for freight transport in the city and to develop and evaluate alternate freight mobility strategies for the city.
5	III Studio – 2 (Design Group)	Road safety inspection and mitigation of Shimla roads. Road Safety Audit was conducted as per IRC Guidelines and Checklist. Plan for black spot mitigation measures was prepared for short-term and long-term action. Study focused on the stretch of National Highway and adjacent links and nodes.

8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of the Guide
1	Adil Ata Azmi	Star rating for safer urban roads.	Sewa Ram
2	Amit Gupta	Decarbonisation strategies for urban goods movement.	Sanjay Gupta
3	Aniket Ramchandra Kendre	Infrastructure and operational planning of e-buses.	Sanjay Gupta
4	Anooja S	Planning methodology as input for the design of transport facility hub in urban areas.	Sewa Ram
5	Baviskar Aarti Shrikant	Travel behaviour of app-based cab service users - A case study of Delhi.	Sanjay Gupta & Sairam Dasari
6	Divya Holani	Impact of Built Environment and Accessibility on Residential Location Choice in Urban Areas: Case Study- Dwarka, Delhi.	Sanjay Gupta & Sairam Dasari
7	Diyvansu	Planning and Design of Electric Vehicle Charging Infrastructure- Case study - Dwarka, Delhi.	Sanjay Gupta
8	Harshita Khare	Urban Carrying Capacity from Transport Perspective - Case Study - Dwarka, Delhi.	Sanjay Gupta & Sairam Dasari
9	Hitendra Singh	Economic loss due to reduction in effective carriageway.	Bhaskar Gowd Sudagani & Vaishali Gijre
10	L. Rokovono	Public Transport Policy for North - East Region: Case Study of Kohima City.	Vinay Maitri

11	M.D. Arif Raza Bharati	Composite walkability index – Relevance and its application, case study of Delhi urban roads.	Sewa Ram
12	Nitin Pal	Transport infrastructure assessment for a pilgrimage city: A case study of Ayodhya.	Sewa Ram
13	Palak Passi	Benchmarking of Secure and Modern Streets - A case study of Noida.	Sewa Ram
14	Partha Sarathi Saha	Car user behaviour modelling on different hierarchical parking choices. A case study of Delhi market areas.	Sewa Ram
15	Pasupathy K.B.	Ground accessibility to airport - tier II cities of south India.	Sewa Ram
16	Saumya Gupta	Integrated Land Use-Transport Strategy at Local Area Level- Case Study- Dwarka, New Delhi.	Sanjay Gupta
17	Sayali Kishor Agade	Equity impact of public transport fare in metropolitan city of Delhi.	Sanjay Gupta
18	Shivangi Kumar	Planning for Storage and Distribution Facilities in E-commerce- Case Study - South-Delhi.	Sanjay Gupta
19	Sneha Lata	Application of ITS in mitigation of road accidents on high speed corridors.	Vinay Maitri
20	Sradha Narayan	Planning for a multimodal logistic facility with rail connectivity. Case study: MMLP, Visakhapatnam	Sanjay Gupta
21	Utkarsh Pradip Baviskar	Impact of Bus Service Quality on Patronage: A Case study of Dwarka, Delhi.	Sanjay Gupta & Sairam Dasari
22	Vineet Achuthan	Impact of activity timing and duration on mode choice.	Bhaskar Gowd Sudagani & Vaishali Gijre

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2012-13	Anjali Goyal	A new investment model for high speed rail in India.	Sewa Ram (Since 2018)
2	2013-14	Bhaskar Gowd Sudagani	Gap acceptance behaviour of drivers at roundabouts in urban areas and its effect on capacity.	Sewa Ram P. K. Sarkar (co-guide)

3	2014-15	Farhat Azad	Assessment of impact of freight traffic on road safety.	Sewa Ram
4	2017-18	Laghu Parashar	Sustainable Public Private Partnership Framework for city bus operation.	Sanjay Gupta
5	2017-18	Vaishali Gijre	Development of Safety Index for Road Based Public Transport.	Sewa Ram
6	2017-18	Pankaj Kant	Sustainable urban freight distribution system for Indian cities.	Sanjay Gupta
7	2017-18	Amal Jose	Travel Time Reliability in Airport Accessibility based on User Behaviour.	Sewa Ram
8	2018-19	Naina Gupta	Environmental Capacity of Urban Roads under mixed traffic conditions.	Sewa Ram
9	2018-19	Shawon Aziz	Rational Approach for Black Spot Assessment and its Management.	Sewa Ram
10	2018-19	Monika Singh	Transport based social exclusion in urban areas.	Sanjay Gupta
11	2018-19	Kushagra Sinha	Influence of Digital Technology on Travel Behaviour.	Sanjay Gupta
12	2019-20	Priyanka Kumar	Stakeholder Engagement based Decision Making in City Logistics.	Sanjay Gupta
13	2019-20	Anjula Negi	Innovative Financing Mechanism for Urban Mobility Infrastructure.	Sanjay Gupta
14	2019-20	Shalvi Sharma	Airport connectivity Regional Development.	Sewa Ram
15	2019-20	Machavarapu Naga Venkata Pavan Kumar	Public Bike Sharing Systems and Travel behaviour characteristics of Users in Indian Cities	Sewa Ram
16	May 2020	D. Sai Ram	Non-Motorized travel demand integration in urban transport infrastructure planning processes.	Sanjay Gupta
17	May 2020	Sh. Jagannath Das	Transport Network and Land use configuration.	Sewa Ram

18	May 2020	Sh. Rahul Vardhan Bhatnagar	Level of Service for Access and Dispersal Facilities at Stations of Different Categories.	Sewa Ram
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10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
CLIMATRANS with Institute of Transport Economics, Oslo Norway as lead partner and SPA Delhi as Co PI.	Norwegian Centre for Transport Research (Advanced stage of completion)	Not Applicable	Sanjay Gupta
UNDEREFORM with Leeds University (U.K) as lead partner and SPA Delhi as Co-PI.	ICSSR and ESRC (U.K) (Advanced Stage of completion)	Not Applicable	Sanjay Gupta

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Comprehensive Mobility Plan for Gurugram Metropolitan Development Area.	GMDA	Sewa Ram,	Sanjay Gupta
Outline Design Criteria (ODC) for RRTS Stations.	NCRTC	Sewa Ram	Sanjay Gupta
Comprehensive Mobility Plan for Dwarka, Delhi.	DDA	Sewa Ram, Chidambara	Sanjay Gupta
Preparation of Sub City Transport Plan for Dwaraka.	DDA	Sanjay Gupta, Sewa Ram, Bhaskar Gowd Sudagani	Sanjay Gupta

12. Details of Publications

- Sanjay Gupta Climate Change Mitigation in Urban Transport Sector- Case study of Gurugram Manesar Urban Complex, *Urban Transport Research Journal*, Published by Institute of Urban Transport, India pp59-70, ISSN 2395-2492, Nov. 2019.
- Performance Assessment of NMT modes in urban freight distribution- Case study of Amritsar, *Urban Transport Research Journal*, Published by Institute of Urban Transport, India pp 95, ISSN 2395-2492, Nov. 2019.
- Freight Transport and Logistics -Likely trends of New Normal, published in *Traffic Infratech*, April-May 2020 issue.
- Vinay Maitri “Using Blockchain for Mobility as Service”, *Traffic Infra Tech*, April-May 2020, Volume 10-Issue 6, pp 66-68.

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

Sanjay Gupta

National Committees

- Member, Jury, National Committee on Best Urban Transport award, Ministry of Housing and Urban Affairs, GOI.
- Member, Evaluation Committee, Institute of Town Planners, India.
- Member, Advisory Committee, Department of Transport Planning and Logistics Management SPA Bhopal.
- Member, Climate Smart Cities Assessment Framework 1.0 & 2.0 Expert Committee, MoHUA, NIUA, GOI, Aug 2019 and May 2020 respectively.
- Member Technical committee, 13th Urban Mobility India Conference cum Exhibition, November 2020.

International Committees

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

Editorial Boards

- Chairman, Publication Committee, Institute of Urban Transport (I).
- Member, SPACE Journal, School of Planning and Architecture, Delhi.

Vinay Maitri

National Committees

- Member “Intelligent Transport Systems Sub-Committee TED 11:2” of Bureau of Indian Standards.
- Member “Intelligent Transport Systems Sectional-Committee TED 28” of Bureau of Indian Standards.
- Member “Indian standards: Smart Cities – Indicators” Smart Cities, Sectional-Committee CED 59” of Bureau of Indian Standards.
- Member, “Working Groups under National ITS Committee”, NITI Aayog (Infrastructure; Connectivity), GOI.
- Chairman, Steering Committee on “Application of State Spatial Data Infrastructure (State SDIs) in Urban Governance”, NRDMS Division, Department Of Science and Technology, GOI.
- Member “National Steering Committee (NSC) for the project "Collaborative Intelligent Transportation Systems Endeavour for Indian Cities' – InTranSE, Phase II", Ministry of Electronics & IT (MeitY), GOI.
- Member, ITS committee of India Highway Management Company Ltd.

14. Conferences, Exhibitions, Seminars or Workshops organized

- Sanjay Gupta Smart Cities and Transport: Steering to a More Sustainable Future, organised by SPA at IIC Delhi in coordination with Leeds University (U.K). International Workshop organised as part of UNDEREFORM research project, on 03.03.2020.
- Conference on Integrated Sustainable Transport for Smart and Resilient Cities , UNESCO House, New Delhi. Co-organised National workshop on behalf of SPA Delhi, from 10-11 October 2019.

15. Papers presented in Seminars, Workshops, Conferences, etc.

- Sanjay Gupta Need for Stakeholder Engagement based Urban Transport Planning & Decision Making Approach (Joint Paper). International Conference on Future cities, IIT Roorkee, Roorkee, from 11.12.2019 – 13.12.2019.
- Special Purpose Vehicle – A potential tool for efficient urban project service delivery (Joint paper).International Conference on Future cities, IIT Roorkee, Roorkee, from 11.12.2019 – 13.12.2019.
- Planning for Gender Equality In Urban Mobility: Case Study Of Delhi (joint paper). Urban Mobility India conference cum exhibition, organised by Institute of Urban Transport India, Lucknow, from 15.11.2019 – 17.11.2019.
- Impact of Navigation Applications On Travel Behavior In Urban Areas (joint paper). Urban Mobility India conference cum exhibition, organised by Institute of Urban Transport India, Lucknow, from 15.11.2019 – 17.11.2019.

	Impact of Transport Technologies in Shaping Future Cities Towards Sustainability (joint paper). Urban Mobility India conference cum exhibition, organised by Institute of Urban Transport India, Lucknow, from 15.11.2019 – 17.11.2019.
	Road Accident Prevention Strategies adopting Transport Planning. National Seminar on Road Safety, organized by the National Safety Council, IIC Delhi, from 15.10.2019 – 16.10.2019.
	Impact of Port on Regional Transport Network Case Study: Kakinada Port (joint paper). 68th National Town and Country Planning Congress, Organised by ITPI, Navi Mumbai, from 11.01.2020 – 13.01.2020.
	Sustainable mass transit planning imperatives for Indian Cities. Integrated Sustainable Transport for Smart and Resilient Cities, co-organised by SPA, UNESCO House, Delhi, from 10.10.2019 - 11.10.2019.
Vinay Maitri	12 th Urban Mobility India Conference, organised by IUT (Ministry of Housing and Urban Affairs (MoHUA).) held at the Indira Gandhi Pratishthan, Lucknow, International Research Symposium, from 15.11.2019 to 17.11.2019.
Bhaskar Gowd Sudagani	“Applicability of Gap Acceptance Capacity Models for Roundabouts in Heterogeneous Traffic Condition in Urban Areas” Virtual 14 th Conference SASTech Conference 2019 organized Khavaran Institute of Higher Education, Mashad, Iran, and International Conference on 04.01.2020.

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

Sanjay Gupta	Invited expert, Workshop on “Urban Transportation- Challenges and Way Forward”, organised by INAE, Metro Bhawan, Delhi. National Workshop on 10.07.2019.
	Invited expert, Delhi Stakeholder Consultation for ‘Development of Roadmap For Low Carbon & Sustainable Mobility In India, organised by FICCI, National Consultation on 22.10.2019.
	Invited expert, Roundtable discussion on the topic ‘Training Needs Assessment for e-Buses’, Organised by GIZ, UMI2019 Lucknow, on 17.11.2019.
	Invited Panellist, Round table Discussion on “Guidelines for Parking Management for Small & Medium Town”, organised by IUT, UMI 2019 Lucknow, on 17.11.2019.
	Invited Panellist, Round table on “Ensuring adequate affordable mobility options during Odd- Even: Role of Bike taxi as a first and last mile mode”, organised by TERI, Delhi, on 07.11.2019.
	Chairperson, Technical session on “Technology to leverage services for improved mobility”, organised by IUT, UMI 2019 Lucknow, on 17.11.2019.

Invited Expert, Technical session on Transport and Mobility, NCR Conclave, organised by NCRPB, SCOPE complex, New Delhi. National Conclave, on 03.12.2019.

Vinay Maitri Conference on Integrated Sustainable Transport for Smart and Resilient Cities organised by Ministry of Housing and Urban Affairs, UNIC, Dept of TP SPA Delhi, , TRIPP- IITD,IUT, BOCI, ICLEI, BABWI of Germany, International conference from 10.10.2019 to 11.10.2019.

17. Membership of Profession Bodies

Sanjay Gupta Fellow Member, Institute of Town Planner, India; Life Member, Transport Research Group (India); Life Member, Indian Roads Congress; Member, Indian Institute of Public Administration; Member, Indian Institute of Remote Sensing (IIRS); Member, International Association of Travel Behavior Research (IATBR); Member, World Conference on Transport Research Society; Member, World Society for Transport and Land Use Research (WSTLUR).

Vinay Maitri Fellow member of Chartered Institute of Transport London, U.K. Life member, Indian Statistical Institute. Life member, Indian Society of Agricultural Statistics; Life member, Society of Indian Institute of Public Administration; Life member, Institute of Rail Transport; Life member, Institute of Urban Transport; Member, Indian Road Congress; Life member, Indian Institute of Remote Sensing.

Bhaskar Gowd Sudagani Member, Institute of Urban Transport; Member, Institute of Town Planners India, Indian Road Congress.

18. Any other information of Relevance

Sanjay Gupta

- On behalf of Department of Transport Planning (TPD) successfully submitted proposal for empanelling TPD SPA as a trainer for Government of India (GoI) and the World Bank under the World Bank-Global Environment Facility (GEF) Program for the ESCBS Project to improve the efficiency and attractiveness of bus based services in select Indian cities (Lead trainer).
- Appointed member of expert reviewer committee by MoHUA , GOI for the report on Assessment of carrying capacity for NCT Delhi and other major cities at behest of Hon'ble High Court, Delhi , Aug-Sep 2019.
- Appointed Expert reviewer to review research proposals in the field of Urban Transport by Ministry of Housing and Urban Affairs, GOI, Oct 2019.
- Appointed member expert review committee to review research reports on Parking and shared mobility on behalf of MoHUA, GOI 2019.
- Appointed Ph.D. thesis examiner of research scholar of Department of Architecture, Deenbandhu Chhotu Ram University of Science & Technology –Murthal, Oct 2019.
- Appointed Ph.D thesis examiner of research scholar of Department of Civil Engineering, IIT Mumbai. Successfully conducted the viva voce exam in 15th July 2020.

- Appointed Ph.D examiner of research scholar of Department of Architecture and Planning, IIT Roorkee. Successfully conducted viva voce examination in 17th Jan. 2020.
- Member of a high level delegation from India which visited U.K as part of Indian Smart City Reforms project UNDERREFORM from 15th to 19th Sep 2019 hosted by Leeds University along with University of Birmingham from U.K.

Vinay Maitri

- Provide training in “ITS & MIS” to City Bus Transport Professionals, organised by Ministry of Housing and Urban Affairs, from 16th to 19th September 2019.
- Conducted Driving Skill Test for the post of Staff Car Driver in Rashtriya Sanskrit Sansthan, Under Ministry of HRD, from 15 to 16 Dec 2019.

Any other information

Visitors to Department

An international delegation comprising Prof Greg Marsden and Dr Morgan Campbell from Leeds University accompanied by Dr Louise Reardon from Birmingham University along with Dr Ashish Verma from IISc Bangalore visited the department on 2nd March 2020 to discuss with Prof. Sanjay Gupta on the UNDERREFORM research project agenda as well as proposed workshop on Smart Cities and Transport: Steering to a More Sustainable Future scheduled for 3rd March 2020 at IIC, New Delhi.

2.10 DEPARTMENT OF ENVIRONMENTAL PLANNING

1. Academic Programs Offered by the Department

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

2. Year of Establishment of the Department: 1990

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
Meenakshi Dhote	B.Arch.; M.L.Arch.; Ph.D.	Professor and Head of Department	Environmental Planning and Urban Biodiversity	CA/85/9363
Jayeeta Sen	M. Planning (Environmental Planning); M.A. (Geography)	Assistant Professor (on contract)	Urban Biodiversity, Ecosystem Services, Sustainable Development and Healthy Cities and Air Pollution	
Bidisha Chattopadhyay	M.A. (Geo); M.Plan (EP); Ph.D.	Assistant Professor (on contract)	EIA, SIA, Water	

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/ Week
Meenakshi Dhote	I	Environmental Planning (theory)	1
	I	Planning Studio (Studio)	3
	II	Resilient Cities (Theory)	2
	II	Environmental Planning and Design Studio	4
Jayeeta Sen	I	Theory - Housing and Environment, (Environmental Planning)	1
	II	Theory environmental Planning and Design	2

	I	Theory Paper - Housing and Environment (environmental Planning)	1
	II	Theory Paper - Theory of environmental Planning and Design	2
	II	Studio on Environmental Improvement Plan for NCT Delhi with focus on Biodiversity and Ecosystem services	10
	III	Theory Paper - Environmental Protection and Management	2
	III	Studio - Environmental Management Plan for NCT Delhi with focus on Water	10
	IV	Thesis	4
Bidisha Chattopadhyay	I	Environmental Planning and Studio	7
	II	EIA and Studio	12
	III	Environmental and Social Impact Assessment, Advanced EIA techniques and Studio	9
	IV	Environmental Planning and Design Thesis	4

5. Details of Teaching Work Undertaken in Other Departments

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Jayeeta Sen	I Sem. M.Arch.(AC)	Planning For Conservation (Environmental Planning)	8 hrs total
	III	Studio work on Dehradun	2 hrs total
	I Sem. M.Arch.(AC)	Planning For Conservation (Environmental Planning)	8 hrs total
	III	Studio - Dehradun (Natural resorces)	2

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
1	Sh. B. K. Jain	III IV	Planning and Design Thesis Planning and Design Studio	4
2	Sh. S.B. Khodankar	II III	Planning and Design Studio Planning and Design Studio	4
3	Dr. Dilip Kumar	II III	Planning and Design Studio (GIS) Planning and Design Studio (GIS)	4
4	Dr. Marisha Sharma	II	Environmental Impact Assessment Environmental Monitoring and Assessment (Theory)	2
5	Ms. Rashmi Gupta	II	Environmental Impact Assessment Environmental Monitoring and Assessment (Laboratory)	2
6	Prof. Dr. R B Singh	IV	Planning and Design Thesis	2
7	Shri. Paramdeep Singh Oberoi	IV	Formulation, Financing and management of Environmental projects	2
8	Shri. Ajay Raghava	IV	Planning and Design Thesis	2
9	Dr. Ajay Singh Nagpure	IV	Planning and Design Thesis	2
12	Dr. T.R. Manoharan	III	Environmental Economics and Environmental Auditing	2
13	Sh. Ishwer Singh	III	Environmental Legislation	1
14	Sh. Sunil Mehra	III	Planning Legislation	1
15	Ms. Barsha Poricha	III	Research Methodology	2

7. Details of the Studio Work Undertaken by Students

S. No.	Semester	Title of the Studio Assignment Description
1.	II	<p>This studio exercise primarily focused on Preparation of Environmental Improvement Plan for NCT Delhi, with focus on Biodiversity and Ecosystem services. The objectives of the said exercise are as follows:</p> <ul style="list-style-type: none"> • To understand the connection between Biodiversity, Ecosystem services and Spatial Planning at different scales. • To assess the biodiversity within the study area with the help of existing instruments like the People biodiversity Register and City Biodiversity Index. • To develop a baseline for NCT Delhi in order to arrive at the potential zones. • To assess the Biodiversity and ecosystem Services within the zones and identify the potential sites for restoration and conservation. • To develop an Environment Improvement Plan with a focus on Local Biodiversity Strategy and Action plan for conservation, restoration and enhancement of Biodiversity and Eco system services and to integrate the same with the development plan. <p>The studio exercise was conducted in two Modules. The first module constituted of the primary survey to assess the varied flora and fauna in different land uses at the city level, review of the available literature pertaining to concepts of ecology and urban biodiversity, the applicable regulatory framework and the Development Plans and application of existing instrument -Peoples Biodiversity Register (PBR) The second module was study of the planning zones. The potential zones were identified based on rigorous assessment and the instrument applied here was the City biodiversity Index. The land use, biodiversity and ecosystem services connect were also explored. This enabled the identification of sites for conservation, restoration and enhancement. The potential and the constraints were identified at the city and the zonal and the site levels.</p>

2.	III	<p>First Module - Delineation of region (National Capital Territory of Delhi) and preparation of baseline with respect to water resources. - Identification of potential zones and study of water bodies within the selected zones for rejuvenation and restoration. Second Module Formulation of strategies for environmental management at NCTD, zonal and site levels</p> <p>First Module Baseline of NCTD was prepared for aspects selected on the basis of their linkages with water. Two zones (Master Plan of Delhi) were selected based on a suitability matrix, within which sites were selected for detailed study. Second Module Strategies were recommended at the regional level and the zonal level. Site specific measures for conservation of water, ground water recharge and rejuvenation of waterbodies were suggested at the site level.</p>
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8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Abhijeet Kumar	Public Participation and Awareness in Environmental Planning: A Case Study of Urban Villages of Delhi.	1. Meenakshi Dhote, (Thesis Coordinator) 2. B.K. Jain 3. Bidisha Chattopadhyay
2	Ankitha Shanbhogue	Community Resilience for Water Stress due to Climate Variability in Udipi Municipal Council.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Ajay Raghav 3. Bidisha Chattopadhyay
3	Gaurav Mandal	Carrying Capacity Study for Tirthan Valley, Great Himalayan National Park Eco Zone, Himachal Pradesh	1. Meenakshi Dhote, (Thesis Coordinator) 2. Bidisha Chattopadhyay
4	Guntoju Sujith Sourab	Planning Strategies For Urban Ecosystem Resilience with Focus On Food, Energy, Water Nexus: A Case Of Delhi.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Jayeeta Sen 3. Bidisha Chattopadhyay
5	Kajal Nehlani	Mainstreaming Blue Green Network in Master Plan – A Case Study of Bareilly, Uttar Pradesh.	1. Meenakshi Dhote, (Thesis Coordinator) 2. B.K. Jain 3. Bidisha Chattopadhyay
6	Mayura Shailendra Gawade	Ecosystem Service Valuation for Mangrove Forests: A Case Study of Goa.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Jayeeta Sen

7	Nirjhar Sharma	Heat Action Plan – A Case Study of NCT Delhi.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Ajay Raghav
8	Pushkar Pawar	Developing Environmental Health Strategies with Focus on Air pollution – A Case Study of NCT Delhi.	1. Meenakshi Dhote, (Thesis Coordinator) 2. R. B. Singh 3. Jayeeta Sen
9	Rashmit S	Healthy City Approach with Focus on Air Pollution – A Case Study Of Bengaluru.	1. Dr. Meenakshi Dhote, (Thesis Co-ordinator) 2. Ms. Jayeeta Sen
10	Sanjar Ali	Assessment and Characterizations of Unaccountable Source of Air Pollution in Surat.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Ajay Nagpure
11	Sappa Yamini Sri	Planning and Management of Coastal wetlands: A Case Study of Srikakulam.	1. Meenakshi Dhote, (Thesis Coordinator) 2. Bidisha Chattopadhyay 3. Jayeeta Sen
12	Sudha Jain	Strategies for Enhancing the Institutional Efficiency of Joint Forest Management using Resource Mapping: Kullu District.	1. Meenakshi Dhote, (Thesis Coordinator) 2. R. B. Singh 3. Jayeeta Sen

9. Details of Ph.D. Thesis Topics

S.No.	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Guide(s)
1	2013-14	Ms. Mahalaxmi Karnad	Ecological Planning for Urban Stormwater Management.	Meenakshi Dhote
2	2016-17	Ms. Jayeeta Sen	Instruments for mainstreaming Biodiversity into urban planning.	Meenakshi Dhote
3	2017-18	Ms. Neha Sarwate	Institutionalize of Environmental Zoning.	Meenakshi Dhote
4	2018-19	Ms. Meenakshi Pawar	Mitigation of Air Pollution by Vegetation in Urban Areas.	Meenakshi Dhote
5	2018-19	Mr. Akash Sharma	Revival of Cultural Resources for Environmental Up gradation in Heritage Region – case of Brajbhoomi.	Meenakshi Dhote

6	2020-21	Ms. Abha Sharma	Role of Impact Assessments (IA) in formulating Environmentally responsive Urban Theories and Design in the context of Urban Re-development in Indian cities.	Meenakshi Dhote
7	2020-21	Ms. Moushila De	Integrating Climate Concerns in Planning of Arid Areas of Rajasthan.	Meenakshi Dhote

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
ENVIS Resource Partner on Human Settlements.	Ministry of Environment Forests and Climate Change		Meenakshi Dhote

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Urban Wetland management Guidelines _ A Toolkit for Local Stakeholders.	National Mission for Clean Ganga	P.S.N. Rao	Meenakshi Dhote
Carrying Capacity of NCT Delhi w.r.t. Air Environment.	Delhi Pollution Control Committee		Meenakshi Dhote

12. Details of Publications

Meenakshi Dhote

SPA ENVIS RP/2019/Newsletter (ISSN 0974-1135).

Bidisha
Chattopadhyay

Chattopadhyay, B (2020). Inequalities in Access to Water and Sanitation: A Case of Slums in Major States of India; in ed. *Urban Health Risk and Resilience in Asian Cities*, pp. 57-72. Singapore. Springer Nature.

Chattopadhyay, B. (2019). Socio-Economic Determinants of Household Water Treatment Methods in Urban India: A Case Study of South Delhi, in ed. *Contemporary Health Issues in India: Challenges and Responses*. New Delhi. Rajesh Publications.

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

Meenakshi Dhote

National Committees

- Member, Delhi Urban Heritage Foundation.
- Member, Biodiversity Foundation, NCT Delhi.
- Member, Working Group II-B of UTTIPEC, DDA, I.P. Estate, New Delhi on retrofitting of existing corridors.
- Co-Chair, Study Group for Review of Chapter on Environment of the Regional Plan-2021 for NCR.
- Member, State Environmental Assessment Committee, Govt. of NCT of Delhi, 2015 to 2018.
- Member, NGT Committee on Carrying Capacity Assessment of Manali and Mcleodganj, Himachal Pradesh.2015-2016.
- Member, NGT Committee on Assessment of Sushant Lok, Gurugram, Haryana.
- Member NGT Committee on Mount Abu.
- Member NGT Committee on Development of Multi-storey at Delhi University.
- Member, Study Group on Formulation of Guidelines for Buffer Areas around Solid Waste Disposal Sites, Central Pollution Control Board.

Any Other

- Expert Member on the BoS of Ph.D. Programme at SPA 2 Vijaywada.
- Member Academic Council Delhi Technical University for Women.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Meenakshi Dhote,
Jayeeta Sen and
Bidisha Chattopadhyay

exhibited work on Planning for Eco-Sensitive Areas in Arid & Semi-arid Zones and Toolkit for Biodiversity Conservation in Urban Areas, 14th Conference of Parties at United Nations Convention to Combat Desertification, from 02.09.2019 to 13.09.2019.

Meenakshi Dhote,
Jayeeta Sen and
Bidisha Chattopadhyay

Workshop on “Environmental Planning and Biodiversity
Conservation in Human Settlements”, United Nations
Convention to Combat Desertification, on 03.09. 2019

15. Papers presented in Seminars, Workshops, Conferences, etc.

Meenakshi
Dhote

Overview of environmental issues/ opportunities in Delh, in
Innovative Governance of Large Urban Systems (IGLUS) NIUA,
on Sept 23, 2019.

Post Covid-19 Urban Planning (III), Institute of Town Planners,
India, on16.05.2020

Environmental Impact of Lockdown and Carrying Capacity,
ENVIS-SPA and MoEFCC, on 04.06.2020

Urban Biodiversity in Post-Covid era, HUDCO’S HSMI, on
05.06.2020

Jayeeta Sen

Instruments for Biodiversity Conservation at Urban Level on
03.09.2019, in UNCCD COP 14 International Seminar
Conducted by Department of Environmental Planning, SPA
Delhi.

Watershed Development on 28.01.2020, in GSDP Programme,
Conducted by ENVIS on Human Settlements.

Instruments for Biodiversity Conservation at Urban Level, in
United Nations Convention for Combating Desertification
(UNCCD) COP 14th International Seminar conducted by
Department of Environmental Planning , SPA Delhi.

Understanding ecosystem Services 20.01.2020, in Green Skill
development Programme (GSDP), Training Programme on
Ecosystem Services conducted by ENVIS on Human
Settlements, SPA, Delhi.

Understanding Ecosystem Services on 20.01.2020, in GSDP
Programme Conducted by ENVIS on Human Settlements.

Sustianable Development with focus on Biodiversity and
ecosystem Services on 22.04.2020, in International Webinar
Conducted by Plannogram.

Watershed Development 28.01.2020, Green Skill development
Programme (GSDP), National Training Programme on
Ecosystem Services conducted by ENVIS on Human
Settlements, SPA, Delhi.

Sustainable Development and Biodiversity, Ecosystem
Services, National Webinar by Plannogram India.

Bidisha Green Skill Development Programme, SPA-ENVIS and
Chattopadhyay MoEFCC (National Workshop) on 3.02.2020.

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

Meenakshi Dhote	Architecture of Equipoise, Association of Architects, Assam, on 18 July 2020.
Jayeeta Sen	UNCCD COP 14, International Seminar IPBES, on 6.09.2019. United Nations Convention for Combating Desertification (UNCCD) COP 14 th International Seminar conducted by Inter Governmental Science Policy Platform on Biodiversity and Ecosystem Services (IPBES), Global Assessment Report on Biodiversity and Ecosystem Services on 6.09.2019. Green Skill Development Programme GSDP, National Training Programme on Ecosystem Services conducted by ENVIS on Human Settlements, SPA, Delhi, on Ecosystem Services Valuation on 5.02.2020 Participated in COP 14, UNCCD (International), on 3.09.2019 Post Covid-19 Planning of Cities and Towns. Post Covid-19 Urban Planning (II), Institute of Town Planners, India. Going Digital in Stormwater Management, Centre for Science and Environment. Urban Health Hazard and Preparedness in Global Pandemic Covid- 19, Shaheed Bhagat Singh College and National Institute of Disaster Management, on 29.04.2020.
Bidisha Chattopadhyay	Post Covid-19 Urban Planning (III), Institute of Town Planners, India, on 16.05.2020. Environmental Impact of Lockdown and Carrying Capacity, ENVIS-SPA and MoEFCC, on 04.06.2020. Urban Biodiversity in Post-Covid era, HUDCO'S HSMI, on 05.06.2020 Architecture of Equipoise, Association of Architects, Assam, on 18.07.2020

17. Membership of Professional Bodies

Jayeeta Sen Member, Institute of Town Planners India.

Bidisha Chattopadhyay Member, Institute of Town Planners India.

18. Any other Information of Relevance

Special Lecture

- Dr. Faiyaz A. Kudsar, Scientist Incharge, Yamuna Biodiversity Park, “Biodiversity Parks of NCT Delhi”; on 03.09.2019.
- Sh. Tauseef Hussain, Consultant, Delhi Jal Board; Water Supply and Drainage in NCT Delhi, on 26.09.2019.
- Shri Manu Bhatnagar; Director, Natural Heritage, INTACH, Delhi; “Najafgarh Jheel Conservation”,07.032020.

2.11 DEPARTMENT OF INDUSTRIAL DESIGN

1. Academic Programs Offered by the Department

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

2. Year of Establishment of the Department : 1992

3. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No.
Parag Anand Meshram	B.E. (Electronics); Master of Design (Industrial Design)	Associate Professor & Head, Department of Industrial Design	Product Design, System Design, Social Design	
Aditi Singh	B.Arch.; M.Arch. (Industrial Design)	Assistant Professor (Deputy Warden, Hostel, since 2017)	Product Design Sustainable System Design, Next-gen Experience Design, Social Innovation	
Krity Gera	M. Arch. (Industrial Design); B.Arch.	Assistant Professor	Design Social, Design for Sustainability, Design Research Methods, Design for Cities	CA/2005/35697
Sushil Ichhya Vijay	M.Arch. (Industrial Design)	Assistant Professor (on contract)	Lighting Design & Form Exploration	N.A.

4. Details of Teaching Work Undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hrs/Week
Parag Anand	I	Studies in Form	2
	III	Design Project 3 and Universal Design	12
	IV	Thesis Project	11
Aditi Singh	I	Studies in Form	2
	II	Computer Aided Industrial Design 1	2
	III	Design Project 3 and Branding & Marketing	14
	IV	IPR, PP&E, Design Degree Show, Thesis Project	14
Sushil Ichhya Vijay	I	Design Project 1 and Communication & Presentation Techniques and Manufacturing Process & Techniques	13
	II	Design Project 2 Social Design, Advanced Form Studies, Human Factors in Design	15
	III	Product Detailing and Contemporary Technology in Design	3
	IV	Design Degree Show	1

5. Details of Teaching Work Undertaken in Other Departments

NIL

6. Details of Teaching Work Undertaken by Visiting Faculty

S.No.	Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
1	Arun Kumar Bhardwaj	I	Manufacturing Process & Techniques	2
		I	Advanced Manufacturing Techniques	2
		III	Product Detailing	2
		IV	IPR PP&E	1
2	Francis Joseph	I	Communication & Presentation Techniques	2
		II	Design Thinking	2

3	Sharad Mathur	I	Applied Arts & Crafts	2
		II	Design Project 2	10
4	Anisha Shekhar Mukherji	I	Research Methods & Critical Writing	2
		II	Design Research	2
5	Amit Gulati	I	Design Methods	2
		II	Human Factors in Design	2
6	Dharmesh Jaiswal	II	Computer Aided Industrial Design 1 and Design Project 2	11
		III	Computer Aided Industrial Design 2 and Design Project 3	10
7	Siddharth Kumar	I	Mechanics & Electronics in Industrial Design	2
		II	Design Engineering & Prototyping	2
8	Sidharth Khatri	II	Advanced Form Studies	2
9	Vipul Maheshwari	III	Design Management	2
		IV	Thesis Project	8
10	Naveen Vikas Rampal	I	Design Project 1	10
		IV	Thesis Project	11
11	Rahul Tyagi	I	Design Project 1	10
		IV	Thesis Project	11
12	Riga Singh	III	System Thinking & User Experience Design	2
13	Anubha Kakroo	I	Design History & Design Theory	2

7. Details of the Studio Work Undertaken by the Students

S.No.	Semester	Title of the Studio Assignment and Brief Description
1.	I	<p>DP 1 (A) Personal Product</p> <ul style="list-style-type: none"> • Fly Top : A spinning and flying toy for all ages (DP 1/Toy Design) • Hammacher Schlemmer Steam Iron (DP 2/Redesign of lifestyle product). • Stello- A table lamp inspired from Astronomy/Interstellar objects. • Furnicase- A space saving suitcase that tranforms into a bed table. • Mini World Bag - 3 in 1 compressible and convertible bag for travel enthusiast. • Portable furniture cum stationary carrier- Foldable stool with storage for outdoor painting in open air. • Multi Tool Pen - Screwit - One Universal tool to open all kind, shapes and sizes of screw. • Security device - IR enabled Portable security device for solo travelers. • Prahar: Objective of the project is to designed a watch having Indian character. • Gizmo Kit - All in one convertible travel bag for electronic accessories. • Quiescence: a product that alleviates symptoms of anxiety and insomnia, thereby reducing asthenopia. • Comet - modular helmet that can be costumise and upgrade. • Securer - Wearable security device for everyday use. • PasmO: to breathe no smoke in smoke (a tobacco filter pipe for passive smokers). • Artist handrest: handrest for improving the easiness of painting. • A pen for a better fidgeting experience. • Motta: Teeth Retainer Container. • Mini Beats: Portable and compact hand drum (percussion Instrument). • Chic-Pocket: the solution to lack of pockets in women's clothing. • PorTable- A personalised workstation that can be used in an outdoor/indoor environment. • Leggo: a personalised foldable workstation. • Fidgy: a fidget pen. • FLEXIFURN- furniture which allows us to use it in multiple ways in the compact hostel room. • VIBRON- Sports Earphones.

2.	I	<p>DP 1 (B) Product For Built Environment</p> <ul style="list-style-type: none"> • Euphoria: Interactive Play product for outdoor gardens and parks, for small children (DP 3/Park Furniture Design). • Kleen-U - A foldable motorized broom to help clean under furnitures. • extenTable- A centre table solution for all the table needs of an MIG household. • Suryakanti - A daylight amplification lighting fixture inside the room. • Temporary partitions made up of foldable chairs for living room- a space saving solution for maximizing seating in living room as per requirement. • Clothes Hanger - Hangan - Reducing steps in clothes arrangement. The arms open by itself with clothes weight. • Clothes dryer using AC Exhaust. • Automatic Chakali maker. • END - Electronic Neutraliser Device for Mosquitoes. A mosquito elimination device using UV light and suction fan. • PupTub: for the ease of bathing pet dogs in apartment bathrooms. • vac- on___ vacuum cleaner which invokes a fun element in its usage. • Kiddy Buddy - transformable furniture for kids. The use of furniture changes as the kid grows up and later can be used a working table in the house. • Meat Easy: Makes meat cleaning easy. • Lazee: Laser cutting solution for vegetables and fruits. • An installable and independent shelving system for refrigerators • Jyvorje: Kitchen Bio Waste to Electricity Producer. • Faucet Design: to explore possible ways of de-cluttering the counter top, and to design a faucet which add to the aesthetic value of the bathroom. • Wiper Roll - a hassle free product to get rid of wet bathroom floors. • Flamenco - A toilet brush that you don't have to hide in your bathroom anymore. • Laser Pod- product using laser beams for cleaning bathroom corners fast and efficiently. • Washing machine water recycler. • SAPITOG- Smart bornfire kit for smokeless experience. • AEQUUS- Walking aid for the elderlies while climbing or descending the stairs.
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3.	II	<p>DP 2 (A): Lifestyle Design</p> <ul style="list-style-type: none"> • Unwind Flavour and Spice Gear : Sauce and Spice kit for Adventurous Mountain lifestyle. • Medi-Kit - First aid box for Volvo cars. • AID- First aid box for Jaguar cars. • Soap Easy - A Bathing brush for elderly people. • Bathing brush for elderly people- product targeted on patients of arthritis. • Vegan Cafe - Dietree - Takeaway Packaging based on food types. • Luxe-Aid: First Aid kit for Lexus Cars. • BaLe: Product which aids to foster a sense of delight in expectant parents by tracking the gestation period and to cherish parenthood. • Collection Dandy for Kohler - Lifestyle Sanitaryware Range • Bathtub: Design a bathtub range for Kohler inspired by Black Dandy Aesthetics. • Bud: a product for expectant parents to feel connected to their babies in womb- to track the gestation period and to cherish parenthood. • Vegan cafe - Dietree - Furniture and lighting design. • POGGO: Know your baby bump - for expectant parents to track gestation period and to cherish parenthood. • Redesigning retail experience of Gucci brand - Gucci cloth tag and graphics. • Cutlery and menu design for a vegan café. • Redesigning retail experience of Gucci brand. Furniture and Products. • Furniture design for Airport Lounge: To design a compact recliner for an airport lounge. • Furniture design for Airport Lounge: To give the travellers a carefree and relaxing lounge experience. • Branding and Packaging for a spice kit (Unwind- Flavour Gear). • Furniture design for Airport Lounge: To give the travellers a carefree and relaxing lounge experience. • Redesigning retail experience of Gucci brand. • GRIP_ON - Soap holder and soap handle design for elderly people for their comfortable soaping experience. • FLAVOUR GEAR - A Taste makers kit for the young adults who go on for adventures like camping, hiking.
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4.	II	<p>DP 2 (B): Packaging</p> <ul style="list-style-type: none"> • Cut Scissors - Premium Minimalist packaging for craft scissors Fish of India : Biodegradable packaging for whole fish in Indian context. • Eden - A set of 2 perfume bottles designed for couples. • Pop pop corn- Microwaveable packaging for corn kernels • Infinity - Packaging for eyewear. • Packaging for embroidery threads- targetting the issue of entangling of thread and I needle storage. • Manicure kit packaging - Keen - Intriguing and easy to use as functional packaging as well. • Easy Herbs - Single serve packaging for Premium Artisanal Herbs. • To create packaging for hot beverage with eco friendly material. • Interlocking fragmental box for packaging of bread. • Biodegradable Dog waste pick-up bag packaging: a pack for waste pick-up bags that can be transformed into a scooper and easy to carry on dog walks. • Package design for books - the design prioritises the customers experience and trying to give a solution for better usage of the package. • Packaging for IRCTC (Indian Railways) meals. • SWEEP RITE : Packaging design for brooms. • Packaging for baby shoes (i) moon box (ii) fairy shoe. • Pckaging design for blister type drug strip. • COCO : Packaging Design For Toddy (Alcoholic drink in kerala). • Packaging for Shaving cream (Primary and secondary). • UnderWater Beer packaging for 6 pack beer cans. • Packaging for a menstrual cup. • Packaging for I) ink II) rolls. • Packaging redesign for (i) popsicle (ii) matchbox. • Packaging Design-Liquor bottle design for vodka(white walkers). • Packaging Design for - KIDS CLOTHING which also TEACHES the kids.
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5.	II	<ul style="list-style-type: none"> • DP 2 (C) Outdoor Lighting Design • Party Donut : Portable Light and Sound for compact outdoor parties • Dusk- A Smart bollard designed for terrace gardens. • Glow- Lighting fixture for bus shelters in Delhi. • Kishan Light - An outdoor light for farmers to kill insects, pest and mosquitos. • Light fixture for retail shikaras in Dal lake- specifically designed for silver jewelry sellers on shikaras aiding them to display jewelry in optimum light at night. • Metro Station Kinetic and Interactive lighting - Designing A Kinetic Interactive Lighting For Metro Stations. • Swivel - Lighting for level crossings with curved approach roads. • To design a light fixture for Indian traditional courtyard house, which can increase the ambience of place and can match with courtyard without loosing its contemporary look. • Festivity - An outdoor smart festive light fixture. • Light fixture for heritage complexes : for the pathways that has minimum contribution to urban sky glow and light clutter. • Leet - first aid light for cars. • Aquaray - Lighting Fixture for Water bodies. • BEAM : Outdoor lighting for large residential premises. • BUD : Lighting solution for street play artists. • To design a light for trekkers that would fulfil their needs throughout the journey. • FireFly : Film Light Drone. • To design outdoor lighting for boulevards, which would have features like area lighting, ambient lighting and 360 degree lighting, in order to make the space safer and more accessible. • Street lights for secondary roads in India. • Illume - Outdoor lighting for restaurants. • Lighting solution for outdoor play arenas (badminton/volleyball courts) in domestic scenario. • Portable mood lighting device for beaches. • KIS_LIT- an outdoor portable lighting product for Farmer's market • OUTDOOR LIGHTING for the Walkways under the Flyovers.
6.	III	<p>DP 3 (A) Electronic Product Redesign and Detailing</p> <p>UNI-COOK: a rice cooker redesign: This is an upgrade to the Baltra 1.8L capacity closed type rice cooker that is currently available. Unlike the old version, this takes care of all types of rice cooking needs pan-India. Water overflow and drainage has been dealt with finesse to ensure greater user comfort. The vegetable steamer has been modified with a combination of Polycarbonate rim and Double layer Nylon Type-6 Strainer to ensure dual purpose functionality as a steamer and as a contraption for draining extra water after cooking rice. Also, a separate chamber has been included at the rear-bottom of the product to facilitate removal of overflown water.</p>

	<p>PROJECTO MINI : a portable projector redesign: Portable projector designed to de-clutter the user experience while operating, to help ease the interaction with the projector and to take its portability one step further.</p> <p>Loop: A gaming pad designed to bring the joy of gaming to your hand. Its self balancing body makes it a intriguing table top product and a conversation starter. It doubles up as a night lamp with provision for varying the intensity of light.</p> <p>Glase. Bluetooth speaker: Glase, a Bluetooth speaker and a conversation starter for any event, be it a romantic date or a deep conversation glase gives you that feel. Made of blown glass and battery operated feature makes it a easy take away product.</p> <p>Erophone: an in-ear headphone: It is an in-ear headphone with 40mm Logitech prodigy sound drivers redesigned for their G231 gaming headphone. Its earpieces get plug over the ear and the earbuds rest inside the ear to let you forget the worry of the traditional headbands.</p> <p>DeskJockey Hard Disk: This desk jockey HDD is available with customized sleeves, match with your desktop accessories, it sits attach itself with your system with a USB, extension cord mechanism, which is coiled inside in such a manner that you can pull out as such. This will glow up with decent amount of soft blue light. It is perfect to keep on your desktop or tables, a conversation started and may be an ice breaker, this product makes your work environment little more foster and cherished.</p> <p>Haze - Electric Steamer: An electric steamer that can cook a personalised meal for one who are seaking a healthy and nutritious diet.</p> <p>SPI-X: Spi-x is an extension cord re-designed for crystal, using internal components of existing model. It is advanced in many ways. It has bendable individuals sockets which can extended, too. It also allows vertical products to be plugged in and function. Spi x is inspired by the spiderweb. This highly versatile extension cord morphs into the ideal configuration for any space and situation.</p> <p>zHERO Beard Trimmer: zHERO is designed to provide ultimate experience of beard trimming. With its tiltable head and eargonomic grip, it gives better maneuvering.</p> <p>VC05: Vacuum cleaner redesigned for better efficiency, improved reachability and aesthetics.</p> <p>Onyx Hair Dryer: The experience of hair steaming in spa is brought to home with Nova's ONYX. Drys hair with the ease of combing and a</p>
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	<p>touch of ayurveda to releave stress.</p> <p>De Glu: De- Glu is one of a kind, contemporary glue gun designed as a solution for all the gluing issues. Inspired from boomerang's sleek seamless form, De-Glu makes gluing effortlessly easy and also acts a eye-catching conversational starter. The color is inspired from the famous DeStilj art movement that used combinations of bright colors. With its wireless heating, it makes portable and easy to handle. Its dock pad with magnetic attachments ensures lesser time spent for placing it upright after gluing. Dynamic curves with seamlessform proves a classic design.</p> <p>Banson griller: Electric Griller that breaks the existing design language. Accomodates all types of bread, vegetable and meat.</p> <p>Sony Ericsson C8: The successor to the Sony Ericsson W8. C8 is the first camera phone that uses the primary camera for selfies. The revolutionary hinge makes selfies and a lot more camera taska a breeze!.</p> <p>MUJI TABLE FAN: Subtly flaunting its pearl-white colour, 'MUJI Table Fan' is a portable air flow device that can be a hand-held as well as a based on table-top. It follows the MUJI guidelines of compactness, "No-Brand" philosophy, subtle colour schemes, mundanity, etc. It works on the principle of Coanda effect for better airflow, and can be rotated 360 degrees along a pivot for directing the air flow. In contrast to bulky table fans that consume large space, MUJI Table Fan is compact and requires optimum space.</p> <p>ABAKUS: ABAKUS is a futuristic keyboard designed for the smartphone generation which transforms itself to allow the comfort of both 'thumb typing' as well as the provides the focus of 'finger typing'.</p> <p>Prestige VOK: Prestige Vok is an ideal induction cooktop designed to satisfy the needs of kitchen with space constraints.</p> <p>Brickwarm: A compact room heater, inspired from a brick, with a mechanism to maintain the humidity level of the space.</p> <p>Goodknight ULTRIMA: A mosquito repellent machine that keeps mosquitoes away and works even during powercuts.</p> <p>Alfe: A coffee maker that makes filter coffee, steeped coffee, espresso and capuccino without lot of complication.</p> <p>Fidgy: An ergonomically designed optical mouse that helps in relieving work stress. It is designed not only for its comfort of ergonomics but also to be a fidget when it is needed during office breaktimes.</p> <p>HOP: HOP is a dry clothing iron designed with the idea of improving the balancing issue while handling an iron for hasslefree ironing</p>
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		experience. Inspired from the sitting position of a frog, the iron features two side components which secure the central body and prevent it from toppling sideways.
7.	III	<p>DP 3 (B) Electronic Product Redesign And Detailing</p> <p>AGIVAC: Vaccination Carrier: These vaccine containers are designed to actively maintain the cold chain for vaccines. They have active refrigerated systems that produce cold air and maintain the temperature. These temperatures can be maintained whether the shipment is in transit for hours or it is left under the sun (for instance). The shipping containers are also connected: temperatures are monitored in real time, reinforcing prevention all along the way and follow up of each individual dose. A vaccine vial monitoring system is also there to identify the safe and waste vials.</p> <p>Oral+: Oral+ is an oral hygiene diagnostic kit. It consists of a smart tool with a camera, saliva pH tester, disclosing agent applicator and gum massager. It helps the user to keep an eye on their oral health by themselves.</p> <p>Medibudi: Medicine dispensing system for children with Thyroid. It is designed to make the experience of taking medicines fun.</p> <p>SALUTRA : Addiction Health Care: SALTURA is a range of three products designed for a user who is addicted to tobacco and is willing to quit but is unable to. The products each help to quit using different proven ways to quit – One, gradually reduces the amount of tobacco that a user consumes, thus reducing their tolerance; Second, gives a very direct feedback of the amount of cigarettes that a person is smoking, sensitizing them of the harmful effects; Third, breaks the habit loop by removing the existing cues.</p> <p>Sipping ‘ Sip: The sipping sip is a product for hospital, it provides patient to keep a track as well as solve the pain points observed during research. It Motivates the patient to drink fluid which ultimately will decrease the extreme cases in dengue which causes death. This product is easy to use. Which sits on the bed beside the patient and, patient can easily check the progress and sip desirable type of fluid. Taking care and precautions are the basic solutions we have and further treating the symptoms of dengue. There is no such particular treatment is available to kill dengue virus, which anyways can't be killed or cured until it completes its cycle.</p> <p>Prime: PRIME is a preliminary diagnostic kit for mental health care, which can be used by a trained person at primary health centers or any community outreach services to diagnose mental health issues in the initial stages.</p> <p>Polo: A playful interactive AI based device to enhance the flexibility of</p>

		<p>joints for children who suffer from JIA (Juvenile Idiopathic Arthritis).</p> <p>Actipod: Acti-pod is an anti-sedentary kit designed to break sedentary behaviour by providing alarms and motivations to reduce sitting time. It is as an all round health assistant, ideal to be carried to work.</p> <p>Bruxillow: A sleeping aid designed to avoid the occlusal contact while sleeping and prevent the Nocturnal / Sleep Bruxism.</p>
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8. List of Thesis Topics

S.No.	Name of the Student	Thesis Topic	Name of Guide
1	Debaghya Kumar	PERCUAID: Percussion Instrument for People with Varied Physical/Intellectual Ability.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
2	Amrit Tripathy	Autism Spectrum Disorder.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
3	Anwasha Mukherjee	Cove: Biohacking System for Fatigue.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
4	Arun Sivakumar	'Glo-Flo' Terrarium floral module.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
5	Barun Iswarary	Mud-picker (post flood cleaning).	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, , Mr. Vipul Maheshwari

6	Bhumika Rohilla	Fighting against loneliness in elderly SHRIMAAN.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
7	C. Swathi Krishna	Speculo : Self-therapy device for Adults with Stuttering Disorder.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, , Mr. Vipul Maheshwari
8	Chandan Kumar Nunia	Rescue Beetle - Hazard safety solution for underground coal workers.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
9	Dave Rahul Devendra	F.W.R.D. - Future Mobility Design for Urban India.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
10	Harmeet Singh Bhalla	Bolt: UV Disinfecting Bot.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
11	Jijina Jayarajan	Mou - The Tea maker.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
12	Kaavya Shakunthala	Tamizhi- Tamilnadu Arts and Crafts Tourism Promoter.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari

13	Mohanapriya S.	Andy: Buddy for better work life balance.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
14	Prateek Kumar Singh	Exploring 3D Printing.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
15	Sapatnekar Sushrut Subodh	MTX 2020 - Wellness by Music.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
16	Shivangi Rajput	Mind Puppet : Kit for Anger Management in Children.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
17	Shyam Prasad E.V.	'Bhishaj – Dhoopana Yantra' (Design intervention in Ayurveda).	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
18	Trivedi Chitvan	Exploring Corrugated Cardboard.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
19	Upasana Bhattacharjee	Post-Traumatic Stress Disorder - 8 Cards- A communication tool for the therapists.	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari

20	Urmi Das	Safe trekking (Alt-Ex Pre-acclimatization exercise pod for Acute Mountain Sickness).	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
21	Vamsi Krishna	Rural Agricultural Systems- (Extracto -Manpowered Deweeding Machine).	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari
22	Vertika Kapoor	Designing for Obsessive Compulsive Disorder - (Palace of Memories: Board game for Obsessive Compulsive Disorder Care).	Ms. Aditi Singh, Mr. Parag Anand Meshram, Mr. Naveen Rampal, Mr. Rahul Tyagi, Mr. Vipul Maheshwari

9. Details of Ph.D. Thesis Topics

NIL

10. Details of Research Projects

Name of the Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of the Project Coordinator
Jugnoo - DIY solar study lamp.	MHRD & DIC (SPA)	Aditi Singh and Parag Anand Meshram	Aditi Singh
MycoKit- A Portable diagnostic kit for detection of pulmonary tuberculosis.	MHRD & DIC (SPA)	Aditi Singh and Parag Anand Meshram	Aditi Singh
H2Onest- Water testing and Filtration systems.	MHRD & DIC (SPA)	Aditi Singh and Parag Anand Meshram	Aditi Singh
Steamwash+ - A product that improves the efficiency of Hand dishwashing.	MHRD & DIC (SPA)	Aditi Singh and Parag Anand Meshram	Aditi Singh

11. Details of Consultancy Projects

Name of the Project	Name of the Client	Name(s) of the Faculty	Name of the Team Leader
Conceptualization of “Better Living by Design” Awards.	HSIL Ltd.	Aditi Singh and Parag Anand Meshram	Aditi Singh

12. Details of Publications

Parag Anand	Singh A, Meshram, P.A, Eales R. and Varadrajan S. (2019). <i>Porous Frontiers: Design for Development in the Transnational Studio Setting</i> , COPAL Publishing group.
Krity Gera	Gera, K., & Hasdell, P. (2019, July). Gamified Sharing Economy: The Role of Game Elements in Sharing Economy. In <i>International Conference on Applied Human Factors and Ergonomics</i> (pp. 232-242). Springer, Cham.
Aditi Singh	Singh A., Meshram, P.A., Eales R. and Varadrajan S. (2019). <i>Porous Frontiers: Design for Development in the Transnational Studio Setting</i> , COPAL Publishing group.

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

Parag Anand

National Committees

- Board IIT Delhi, B. Design.
- Member DU: Design Innovation Centre, Advisory Committee.

Aditi Singh

National Committees

- Member, IIT Delhi, B.Des. Curriculum Evaluation Committee.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Aditi Singh and Parag Anand	World Environment Expo, International Exhibition from 05.06.2019 to 07.06.2019.
Aditi Singh	DIC Exhibition, IIT Delhi, on 26.11.2019.

Aditi Singh,
Sushil I.V. and Parag Anand Exhibition of Design Work by I & III Semester Students, in December, 2019.

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

Parag Anand TEQIP III Programme Entrepreneurship Innovation and Design: How to Develop a Winning Product, at IIT Delhi Sonapat Campus, from 06.12.2019 to 10.12.2019.

Aditi Singh TEQIP III Programme Entrepreneurship Innovation and Design: How to Develop a Winning Product, at IIT Delhi Sonapat Campus, from 06.12.2019 to 10.12.2019.

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

Parag Anand DIC AICTE Symposium, AICTE Headquarters, New Delhi, Jan, 2020.
PRS 2020 Symposium, RMIT University, Melbourne, Australia, from 05.06.2020 to 08.06.2020.
Golden Wattle Seminar, RMIT University, Melbourne, Australia, from April to July 2020.

Aditi Singh DIC AICTE Symposium, AICTE Headquarters, New Delhi, in Jan, 2020.
Practice Research Symposium, RMIT University, Melbourne, Australia, from 05.06.2020 to 08.06.2020.
GW Talks, RMIT University, Melbourne, Australia, from April to July 2020.

17. Membership of Profession Bodies

NIL

18. Any Other Information of Relevance

- **Aditi Singh** Commonwealth Scholarship, Australia.
- **Parag Anand Meshram** Commonwealth Scholarship, Australia.
- **Krity Gera** Nominated and selected for Hong Kong Association of University Women Scholarship.

Special Lectures in the Department

- Special Lecture by Mr. Snehanshu Mukherji, Founder Partner at Team for Engineering Architecture and Management, on 30th October 2019.
- Special Lecture by Mr. Chetan Shastri, Ph.D. Research fellow at RMIT University, Melbourne, Australia, on January 2020.

2.12 DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT

1. Academic Programs Offered by the Department

- Master of Building Engineering and Management
- Ph.D. programme in Building Engineering and Management

2. Year of Establishment of the Department : 1979

3. Faculty Profile

Name of Faculty	Educational Qualifications	Designation	Areas of Specialization	CoA Reg. No
Virendra Kumar Paul	B. Arch.; M.B.EM.; Ph.D.	Professor and Head* (June 2020 onwards)	Building Science; Project Quality Management; Fire Safety	CA/86/10117
Chaitali Basu	B. Arch.; M.B.EM.; M.Sc. Business Management (UK); Ph.D.	Assistant Professor	Project Management, Disaster Resilient Project Planning and Reconstruction, Building Performance	CA/2006/37627
Salman Khursheed	B.Tech.; M.Tech.	Assistant Professor	Construction Management, Structural Engineering	
Abhijit Rastogi	B. Arch.; M.B.EM.	Assistant Professor	Construction Management, Sustainable Architecture Design	CA/2013/58906
Luke Judson	B. Arch.; M.B.EM.	Assistant Professor (on contract)	Building Engineering and Management	CA/2010/48408
Vaibhav Bawaniya	B. Arch.; M.B.EM.	Assistant Professor (on contract)	Building Engineering and Management	

*Prof. Dr. Anil Dewan was Head of the Department from June to December 2019 and Prof. Dr. Jaya Kumar was Head of the Department from January to June 2020.

4. Details of teaching work undertaken in the Department

Name of the Faculty	Semester	Subjects (Theory and Studio)	Hrs/Week
Virendra Kumar Paul	I	Project Planning and Scheduling	2
	II	Project Seminar	2
		Fire and Life Safety	2
	III	Quality Management System	2
		Human Resource Management	1
		Disaster Resilient Project Planning and Reconstruction	1
	III	Thesis	6
		Quality Management System	1
Salman Khursheed	I	Construction Technology	4
		Project Planning and scheduling	1
	II	Structural Systems and Design Process	4
		Project Cost and Contract Management	1
		Project Cost and Contract Management	2
	III	Project Procurement Management	1
		Project Procurement Management	6
		Project Seminar-II	4
	IV	Thesis	9
	Abhijit Rastogi	I	Project Planning and Scheduling
Project Planning and Scheduling			6
Construction Technology			2
Functional Performance of Buildings			2
Research Methodology			1
II		Infrastructure Development and Management	2
		Project Cost and Contract Management	2
III		Project Seminar-II	4
IV		Thesis	12
Dr. Chaitali		I	Project Planning and Scheduling

Basu		Project Planning and Scheduling	6
		Functional Performance of Buildings	3
		Research Methodology	1
	II	Project Cost and Contract Management	2
		Infrastructure Project Construction Management	2
	III	Project Seminar-II	4
		Disaster Resilient Project Planning and Reconstruction	1
	IV	Thesis	12
Virendra Kumar Paul	I	Project Planning and Scheduling	2
	II	Project Seminar	2
		Fire and Life Safety	2
	III	Quality Management System	2
		Human Resource Management	1
		Disaster Resilient Project Planning and Reconstruction	1
	III	Thesis	6
		Quality Management System	1
Luke Judson (on Contract)	I	Project Planning and Scheduling	4
		Functional Performance of Buildings	3
		Construction Technology	2
	II	Project Cost and Contract Management	1
		Project Seminar	4
	III	Project Seminar-II	2
		Project Procurement Management	4
		Real Estate Management	1
	IV	Thesis	9
	Vaibhav Bawaniya (on Contract)	I	Project Planning and Scheduling
Project Planning and Scheduling			6
Functional Performance of Buildings			2
Construction Technology			2
II		Project Cost and Contract Management	6
		Project Seminar	2

		Structural Systems and Design Process	2
	III	Project Procurement Management	4
		Human Resource Management	1
	IV	Thesis	6

5. Details of Teaching Work Undertaken in Departments

Semester	Subjects (Theory and Studio)	Hrs/ Week
IX (Architecture)	Project Seminar	2

6. Details of Teaching Work Undertaken by Visiting Faculty

Name of Faculty	Semester	Subject (Theory and Studio)	Hrs/ Week
Mr. Kapil Mehrotra	I	Building Services	02
Mr. Manoj Kumar Mittal	I	Construction Technology	02
	I	Project Planning and Scheduling	06
	II	Structural System & Design Process	02
	II	Project Cost and Contract Management (S)	04
Mr. Vijay Kumar Sharma	II	Project Cost and Contract Management (L)	02
	II	Project Cost and Contract Management (S)	04
	III	Project Procurement Management (L)	01
	III	Project Procurement Management (S)	04
Ms. Sakshi Jain	II	Project Seminar - I	04
Mr. Varun Setth	IV	Thesis	06
Maj. Gen. T.S. Sidana (Retd.) (Visiting Professor)	I	Building Services	01
	II	Project Seminar - I	04
	III	Project Procurement Management (L)	02
	III	Project Procurement Management (S)	06
	III	Project Seminar - II	02
	IV	Thesis	06
	IV	Quality Management System	01

7. Details of the Studio Work Undertaken by Students

Semester	Title of the Studio Assignment and Brief Description
I	<p>Project Planning and Scheduling</p> <ul style="list-style-type: none"> • Project Appraisal • Developing Construction Logic • Developing Work Breakdown Structure and Activity Sequencing • Calculation of Productivity Data and Duration • Project Quantity Estimation • Project Resource Estimation • Resource Based MSP Project Schedule • Resource Levelling • Time Bound Exercise : Application of Time Management Concepts
I	<p>Construction Technology</p> <ul style="list-style-type: none"> • Review and group submissions of assessment of Soil reports of respective case studies. • Review and group submissions of assessment of Foundation systems of respective case studies. • Review and group submissions of assessment of Soil stabilization techniques of respective case studies. • Review and group submissions of assessment of various Construction chemicals used in buildings of respective case studies. • Review and group submissions of assessment of Concrete Mix Design adopted in respective case studies and individual submission of Design of Concrete Mix using IS codes. • Review and group submissions of assessment of various Construction chemicals used in buildings of respective case studies. Selection Criteria of Construction Equipment's
I	<p>Functional Performance of Buildings</p> <ul style="list-style-type: none"> • Analysis of Annual Climatic Data for Architectural Design • Shading Analysis of Building Envelope and Fenestration • Calculation of Intensity of Solar Radiation achieving Green Building Rating System for Projects
II	<p>Project Cost and Contract Management</p> <ul style="list-style-type: none"> • Plinth Area Estimation • Detailed Estimates • Analysis of Rates • Resource Estimation and Cost Determination • Cost Benefit Analysis • Specification of Item of Works • Comparative Analysis of Different Types of Contracts • Value Engineering • Alternate Dispute Resolution

II	<p>Structural Systems and Design Process</p> <ul style="list-style-type: none"> • Introduction and individual exercises on gravity loads on structural members of a building using various IS codes. • An introduction and individual exercises on Seismic loads on structural members of a building using various IS codes. • An introduction and individual exercises on Wind loads on structural members of a building using various IS codes. • An introduction and group exercises on Snow loads on structural members of a building using various IS codes. • Review and group submissions of assessment of floor systems adopted in respective case studies. • Review and group submissions of assessment of structural systems adopted in different tall buildings. • Introduction and hand on individual simulation exercises using structural design software's on different buildings.
III	<p>Project Procurement Management</p> <ul style="list-style-type: none"> • Preparation of NIT's and Bidding Documents of different Contract Forms for Building Projects • Preparation of BOQ and Specifications for Civil, Services and External Development works • Preparation of RFP/RFQ documents for different Contract/Delivery Systems • Evaluation of tender documents • Comparative study and preparation of RFP/RFQ documents for different procurement of equipment, plants, and professional consulting services.

8. List of Thesis Topics

Name of the Student	Thesis Topic	Name of Guide
Amalu Jose	Seismic Performance Evaluation Framework for Non-structural Partition Walls.	Salman Khursheed
Ambawrish Pati	Framework for Contractor Selection in Indian Construction Projects.	Abhijit Rastogi
Amitav Halder	Indian Energy Audit Practices for Commercial Building and it's Challenges: An Analysis.	V. K. Paul
Anam Waheed	Investment Model Through Risk Assessment of Residential Real Estate Along Dwarka Expressway.	Maj. Gen. (Retd) T.S. Sidana
Arjun Arora	Cost of Time Delay and Financial Implications of its Project Recovery in Construction Projects.	Chaitali Basu
Devika Nayal	Managing Climate Change Based Risks to Built Environment.	Varun Seth

Dipanshu Sharma	Suitability of EPC Contracts in Public Sector Building Construction Projects.	Maj. Gen. (Retd) T.S. Sidana
Divya Gupta	Cost of Resilience of Healthcare Infrastructure to Floods.	Chaitali Basu
Dommeti Prashanth	Cost Modelling and Seismic Evaluation of Lateral Load Resisting Systems for High Rise RCC Structures.	Salman Khursheed
Geetesh Malhotra	Impact of Metro Rail Transit System on Residential Properties.	Abhijit Rastogi
Himani Thakur	Cost Model for Construction of Hotel Projects.	Maj. Gen. (Retd) T.S. Sidana
Himel Barikder	Application of Earned Value Management in Indian Construction Projects.	V. K. Paul
Kevin Lu	Strategies to Reduce the Cost of Construction in Case of Residential Affordable Housing.	Abhijit Rastogi
Kuldeep Kumar	Impact of Delay on Project Schedule Recovery and Effectiveness of Floats.	Chaitali Basu
Mohammad Suhail	Assesment of Investment Decision Models and their Application in Commercial Real Estate.	Vaibhav Bawaniya
Nasimuddin Sarkar	Study of Indian Real Estate Market from Developer's Perspective.	Luke Judson
Nikhil Mittal	Reducing Construction Disputes Through Effective Claims Management.	V. K. Paul
Nishtha	The Issue of Vertical Spread of Fire Through Flammable Cladding and Facades in India: A Comparative Regulatory Review and Suggestive Guidelines.	V. K. Paul
Parnika Singh Yadav	Effect of Under-Reamed Pile Group Configurations on Ultimate Pile Group Capacity With SSI Effects.	Salman Khursheed
Roshani Raj	Challenges of Public Private Partnership in Highway Projects in India.	Maj. Gen. (Retd) T.S. Sidana
SkMahammad Saif	Debt Restructuring of Financially Distressed Residential Projects.	Abhijit Rastogi
Sethupathy. G	Time - Cost Optimization (TCO) by Application of Fuzzy Logic in Construction Projects.	Luke Judson
ShaliniSwarnakar	Quality Assessment System of Affordable Housing in India.	Varun Seth
Sharan Preet Kaur	Life Cycle Costing of Building Envelope.	Maj. Gen. (Retd) T.S. Sidana

Shilpa V.A.	Financial Impact and Analysis of Vertical Irregularities in RC Building Structures.	Salman Khursheed
Shweta Paresh Pariya	Operations and Maintenance Cost Model for Hospital Building.	Varun Seth
Sumedha Dua	Economics of Disaster Resilient Housing in Communities for Extreme Weather Conditions: Case of Cyclones.	Chaitali Basu
Utpreksha Vashishtha	Design Errors in Building Construction Projects.	Vaibhav Bawaniya

9. Details of Ph.D. Thesis Topics

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Guide
2013-14	Deepak Saigal	Study of Cost Overruns in Hydro Power Projects for developing model for Realistic Cost Prediction.	Virendra Kumar Paul
2016-17	Mr. Ganesh Krishna Chaukiyal	The Diagnostic Study of Parameters of Airport Projects Contributing Towards Time Overruns During Planning And Execution Stages.	Virendra Kumar Paul
2018-19	Mr. Abhijit Rastogi	Challenges in Fly Ash utilization and Development of proposal for promotional initiatives.	Virendra Kumar Paul
2018-19	Maj. Gen. T.S. Sidana (Retd.)	Develop a Value Index for Quality of life (QOL) Parameters of Residential Built Environment	Virendra Kumar Paul
2018-19	Ms. Arshia Khajooria	Design of Building Elements for Energy Efficiency: Case Study of Jammu City.	Virendra Kumar Paul
2018-19	Ms. Aparna Ash Kanojia	Development of Assessment for Wellbeing Indicator of Indian Cities.	Virendra Kumar Paul
2018-19	Ms. Niyati Gupta	Risk Assessment Framework/ Tool for Development of Resilient Critical Infrastructure against Extreme Weather Event.	Virendra Kumar Paul
2019-20	Ms. Shweta Sagar	Decision Support System of formwork system selection for Buildings.	Virendra Kumar Paul

2019-20	Mr. Luke Judson	Study of Monitoring and Control Management of Construction Projects; Contractors cash flow Management for Project Success	Prof. Dr. Virendra Kumar Paul
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10. Details of Research Projects

Name of Project	Funded/ sponsored by	Name(s) of other Faculty in the Team (if applicable)	Name of Project Coordinator
United Kingdom-India Education Research Initiative (UKIERI), 2019.	UGC	P.S.N. Rao Virendra Kumar Paul Chaitali Basu Abhijit Rastogi	P.S.N. Rao

11. Details of Consultancy Projects

Name of Project	Name of Client	Name(s) of the Faculty	Name of the Team Leader
Structural Retrofitting and Architectural Designing of Existing Indian Medical Association (IMA) Building at ITO, New Delhi.	Indian Medical Association	Virendra Kumar Paul Salman Khursheed Abhijit Rastogi	Virendra Kumar Paul
Examination of Cost Estimates for Construction and Development of REC Township at Sector 57, Gurugram.	RECL Limited	Virendra Kumar Paul Mr. Salman Khursheed Mr. Abhijit Rastogi	Virendra Kumar Paul
Safety and Structural Audit of National Institute of Tuberculosis and Respiratory Diseases.	National Institute of Tuberculosis and Respiratory Diseases	Virendra Kumar Paul Mr. Salman Khursheed	Virendra Kumar Paul
Heritage Impact Assessment for Centrally Protected Monuments along Proposed Delhi-Gurugram-Rewari Rapid Rail Transit System Corridor.	National Capital Region Transportation Corporation (NCRTC)	Anuradha Chaturvedi; Priyaleen Singh; Sewa Ram; Sanjukta Bhaduri, T. Laxmi Priya, Salman Khursheed	Anuradha Chaturvedi

12. Details of Publications

Salman Khursheed	Khursheed S; Paul V. K; Akbari A. (2019). Cost Feasibility and Performance Assessment of Expanded Polystyrene Sheet over Conventional Method: A Case Study in Bhubaneswar. Asian Journal of Civil Engineering; Vol.:20, Issue:5/July-2019 (ISSN: 1563-0854) (Print);(2522-011X) (Online) (p659-p667).
Abhijeet Rastogi & V. K. Paul	Rastogi, A., & Paul, V. K. (2020). A Critical Review of the Potential for Fly Ash Utilisation in Construction-Specific Applications in India. Environmental Research, Engineering and Management, 76(2), 65-75.
Basu, Chaitali, Paul, V.K., and M.G. Matt Syal	Basu, Chaitali, Paul, V.K., Syal, M.G Matt (2019). Performance Indicators for Energy Efficiency Retrofitting in Multifamily Residential Buildings. Journal of Green Buildings. Vol.14, Issue 2.

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

Virendra Kumar Paul

National Committees

- Master Planning, Sri Ram Janam Bhoomi, Ayodhya.
- Software Technology Parks India (STPI).
- Revised Cost Committee, MHRD.
- Guidelines for Fire Safety in Healthcare Facilities in India, Min. of Health and Family Welfare, Gol.
- Consultancy Evaluation Committee for AIIMS (Bibinagar, Rajkot).
- Master Plan Committee, AIIMS Jodhpur.
- Indian Standard Guidelines for Construction Project Management, IS 15883.

International Committees

- Construction Innovation and Management, an Emerald Publication International Journal.

Editorial Boards

- Editorial Advisory Board.

Salman Khursheed

International Committees

- KSCE Journal Of Civil Engineering (ISSN:1226-7988).
- ASCE India Conference 2020 on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies”.

Sh. Abhijit Rastogi

National Committees

- Preparation of DPR of Central University of Gujarat.

- Revised Cost Estimate Committee MHRD.

Dr.Chaitali Basu

International Committees

- Energy Strategy Reviews.
- Journal of Green Buildings.
- Construction Innovation: Information, Process, Management.
- Architectural Engineering and Design Management.

14. Conferences, Exhibitions, Seminars or Workshops Organized

Virendra Kumar Paul and Chaitali Basu	South Asian Conference on Sustainability in Textile Industry. International Conference on 03.03.2020.
Virendra Kumar Paul	Fire in Healthcare Facilities: Risks, Challenges and Mitigation. National Workshop on 26.09. 2019.
Chaitali Basu and Abhijit Rastogi	Dialogue on Critical Infrastructure (CI) against Extreme Weather Events (EWEs) and Climate Change. National Workshop on 23.04.2019.
Chaitali Basu and Abhijit Rastogi	Decision-Making for Development of Critical Infrastructure (CI) against Extreme Weather Events (EWEs) and Climate Change. National Workshop on 25.04.2019.

15. Papers presented in Seminars, Workshops, Conferences, etc.

Salman Khursheed	Comparative Cost Analysis of MMFX Bars in Indian Scenario"; Paper accepted and presented at the International Conference on "Smart Cities Opportunities & Challenges" Organized by Department Of Civil Engineering, Faculty Of Engineering and Technology, Jamia Millia Islamia, New Delhi. The presented papers are published by Scopus-Index Springer proceedings, from 14.03.2019 to 16.03.2019.
Abhijit Rastogi and Virendra Kumar Paul	Investigating the Impact of Non-Load Bearing (NLB) Walls on The Built-Up Area and Dead Load In Multi-Storeyed Residential Buildings presented and published in "Re-evaluating Space across disciplines": Proceedings of the 12th International Conference of Faculty of Architecture Research Unit (FARU), University of Moratuwa, Sri Lanka, Colombo, December 03, 2019, pp. 63–69.
Virendra Kumar Paul and Niyati Gupta	Establishing Risk Indicators Impacting the Functionality of Critical Infrastructure in Extreme Weather Events published in "Re-evaluating Space across disciplines": Proceedings of the 12th International Conference of Faculty of Architecture Research Unit (FARU), University of Moratuwa, Sri Lanka, Colombo, December 03, 2019 pp. 299–306.

Chaitali Basu, Virendra Kumar Paul, M.G. Matt Syal and Gazal Dandia	Post Occupancy Evaluation (POE) to Assess Multifamily Residential Building Energy Performance in India. 14th International Conference on Sustainable Development Boston. Proceedings (ISSN1923-6670), from 10.12.2019 to 11.12.2019.
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16. Participation of Faculty members in Seminars, Workshops, Conferences, Exhibitions, etc.

Salman Khursheed	International Conference on "Smart Cities Opportunities & Challenges" Organized by Department Of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi, from March 14-16, 2019
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Chaitali Basu	International Conference on Sustainable Development, Harvard University, Boston, USA, organised by Ontario International Development Agency, from 10.12.2019 11.12.2019
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Energise 2020 organised by Alliance for an Energy Efficient Economy, International Conference from 10.02.2020 to 13.02.2020

Virendra Kumar Paul, Chaitali Basu, and Abhijit Rastogi	Workshop on Project Management Training for Afghanistan Public Service Officials organized by Indian Institute of Public Administration, from 24.01.2020 to 27.01.2020
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17. Membership of Professional Bodies

Virendra Kumar Paul	Fellow Institution of Engineers; Fellow Royal Institute Chartered Surveyors; Hon Fellow Institution of Fire Eng(India) Fellow, Institute of Hospital Engineering; Chartered Engineer.
Chaitali Basu	Member APM, The Chartered Body For Project Profession.
Salman Khursheed	Member, Indian Association of Structural Engineers; Associate Institute of Valuers.
Abhijit Rastogi	Member Institution of Engineers; Chartered Engineer; Associate, IIA.



3. RESEARCH AND CONSULTANCY ACTIVITIES

3.1 RESEARCH PROJECTS

1. Research Activities of the School

Apart from imparting professional education in various fields related to built environment, the School has also been pursuing research sponsored by government organisations throughout India. All the academic departments are working on one or many research and consultancy projects pertaining to their domain of architecture, planning and allied sectors. In the School, there is a pronounced emphasis on organised research, both sponsored and non-sponsored, in all the Departments of Studies and Centres of Research. Research activity in the School is also carried out through full-time Ph.D. scholars registered for Doctoral Programmes on their own; sponsored Research Projects undertaken by Centres of Research; international research projects supported by the School and collaborative research endeavours.

An Overseas Research and Development Centre has been established by the School to extend facilities to developing countries in Africa and the SAARC nations. To promote research, extension, documentation and dissemination in respective fields, Centres of Research and Advanced Studies has been set up by the School for advanced studies at departmental level. Some of the Current research projects are UGC-UKIERI Research Project on Decision Support Framework for Resilient Critical Infrastructure against Extreme Weather Events and Climate Change, Evaluation of the Housing Technology, EPS Core Panel System with Wire Mesh & Chipping Concrete w.r.t. Green & Sustainability Parameters” - Demonstration Housing Project at Bhubaneshwar, Study of Built Environment and Design Guidelines for Redevelopment Areas for Bharmour, Kalpa and Sangla Villages, Himachal Pradesh, Indo-German Smart Initiative (IGSI): Integrated Urban Development and Co-Production for Indian Cities under Shaping the Future- Building the City of Tomorrow of the BMBF, Model Land Use Regulations, Service Level Benchmarks and Enforcement Mechanisms for Integrated Cluster Action Plans, Online Course (MOOCs) on SWAYAM portal by UGC, MHRD-Government of India, International Collaborative Research Project on Community led Disaster risk reduction plan of Mumbai Megacity, Megaprojects and Reshaping of Urban Futures: Governance and Equity in the Delhi-Mumbai Industrial Corridor, ‘From Laboratory to Conservation Site: Research on performance on improved traditional materials and techniques, and development of a technical database to support conservation and adaptive reuse of historic residential buildings in Shahjahanabad, Delhi’, Coping with Climate: Assessing Policies for Climate Change Adoption and Transport Sector Mitigation in Indian Cities (CLIMATRANS). Transport Infrastructure Designs for Universal Accessibility for Visually Challenged.

Apart from this, the school has also been working on innovative products and processes under the National Initiative for Design Innovation funded by Ministry of Human Resource Development.

Details of Research Projects

S. No.	Name of the Project Coordinator	Name of the Department	Title of the Project and Sponsoring Agency
1	Anil Dewan	Architecture	Chapter on AIIMS Raipur, Emerging Areas in Hospital Design, Swayam Online Education. Sponsored by Government of India
2	Anjali Mittal	Architecture	Scalable Community Health Model. Sponsored by Patanka Construction Pvt. Ltd., SEEDS India.
3	Parul Kiri Roy	Architecture	Gujjars of Pir Panchal- People and Dwellings. Multiple funders (Investigating Design, Sonam Wangchuk and others)
4	Ashok Kumar	Physical Planning	Megaprojects and Reshaping of Urban Futures: Governance and Equity in the Delhi-Mumbai Industrial Corridor. Sponsored by British Academy, London
5	Ashok Kumar	Physical Planning	Deindustrialization in India: A Case of Kanpur, U.P. Sponsored by ESRC, London
6	Ashok Kumar	Physical Planning	Preparation of ICAPs in Rajasthan. Sponsored by Government of Rajasthan
7	Ashok Kumar	Physical Planning	Global Water Security and Sustainable Development. Sponsored by GCRF, UKERI, UK
8	Ashok Kumar	Physical Planning	Framing Model Land Uses, Development Controls, and Service Level Benchmarks with Appropriate Enforcement Mechanisms for Rurban Clusters. Sponsored by Ministry of Rural Development
9	Anuradha Chaturvedi	Architectural Conservation	From Lab to Conservation Site: Research on performance of improved traditional materials and techniques. India- Italy Scientific and Technological Programme 2017-19, Collaborative research project between CNR-IGG (Italian Research Council, Florence) and SPA. Sponsored by Department of Science and Technology, Government of India and Department of International Cooperation, Government of Italy
10	Anuradha Chaturvedi	Architectural Conservation	Report on Feasibility of Development of a Heritage Building Information Model System (HBIMS) for Rashtrapati Bhavan. In collaboration with the CPWD
11	Anuradha Chaturvedi	Architectural Conservation	Research for Handbook on Lime of Working Group of CED4 of Bureau of Indian Standards. Sponsored by Bureau of Indian Standards.
12	Anuradha Chaturvedi and	Architectural Conservation	Research and Documentation for Conservation of Masque at Jalali (UK), Improved Conservation

	Shaista Praveen		interventions.
13	Anuradha Chaturvedi and T. Lakshmi Priya	Architectural Conservation	From Laboratory to Conservation Site - Scientific investigation of traditional building materials DST supported collaborative research project under Indo-Italian Technological & Scientific Research Programme. Linked with research focus on improved conservation interventions.
14	Priyaleen Singh	Architectural Conservation	HIA for redevelopment of IIPA. Sponsored by INTACH, AH Division
15	Priyaleen Singh	Architectural Conservation	Research contribution to 'National Register of Historic gardens'. Sponsored by INTACH, Listing Cell
16	Priyaleen Singh	Architectural Conservation	Thematic study on Tea Landscapes of Asia. Sponsored by ICOMOS
17	Arunava Dasgupta	Urban Design	Smart Sustainable City Regions in India" in partnership with NTNU -Norway. Funded by UTFORSK, Norway
18	Arunava Dasgupta	Urban Design	Urban Transformations – Learnings from South Asia and Germany, in partnership with Heidelberg University, Germany and Kathmandu University, Nepal. Funded by DAAD, Germany
19	Sanjukta Bhaduri	Urban Planning	Big data Applications in Disaster Risk Modelling. Sponsored by RICS, UK
20	P.S.N. Rao	Housing	Decision- Support framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change UGC for Indian Side and British Council for UK Side. Sponsored by UGC-UKEIRI
21	Sanjay Gupta	Transport Planning	CLIMATRANS with Institute of Transport Economics, Oslo Norway as lead partner and SPA Delhi as Co PI. Sponsored by Norwegian Centre for Transport Research (Advanced stage of completion)
22	Sanjay Gupta	Transport Planning	UNDEREFORM with Leeds University (U.K) as lead partner and SPA Delhi as Co-PI. Sponsored by ICSSR and ESRC (U.K) (Advanced Stage of completion)
23	Sanjay Gupta	Transport Planning	Copying with Climate: Assessing policies of climate change adoption and transport sector mitigation in Indian cities (CLIMATRANS) Norway Research Council and Institute of Transport Economics, (TOI), Oslo.
24	Sanjay Gupta	Transport Planning	Understanding Indian urban Governance Reform: A comparative Analysis of Smart City policy reforms and their impact on sustainable urban mobility. Sponsored by ESRC-ICSSR.
25	Meenakshi Dhote	Environmental	ENVIS Resource Partner on Human

		Planning	Settlements. Sponsored by Ministry of Environment Forests and Climate Change
26	P.S.N. Rao	Building Engg. and Management	United Kingdom-India Education Research Initiative (UKIERI), 2019. Sponsored by UGC.
27	Virendra Kumar Paul	Building Engg. and Management	Study of challenges in Fly Ash utilization and Development of proposal for promotional initiatives. Sponsored by National Thermal Power Corporation (NTPC).
28	Virendra Kumar Paul CO-PI'S: Abhijit Rastogi and Salman Khursheed	Building Engg. and Management	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. Sponsored by Building Materials and Technology Promotion Council (BMTPC).

3.2 DESIGN INNOVATION CENTER

Design Innovation Centre (DIC) has been established in government educational institutions under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD (as per Twelfth Plan) under a Hub and Spoke model with the lead institution acting as the mentor while synergising and leveraging the potential of the institutes. 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 centre /incubation Centre for start-ups. Presently, there are 92 institutions that are involved in design and innovation; 20 institutions are Design Innovation Centres (DIC) Hubs and 70 institutions are Spokes. The DIC hubs include SPA-New Delhi, 10 IIT's and 9 Central Government Universities. Apart from that there is 1 Open Design School (ODS) and 1 National Design Innovation Network (NDIN) linking the institutions.

The purpose of setting up DIC Centres is to:

- Promote and enhance interdisciplinary design-focused innovation and creativity problem solving through design-based education and projects in the complete value chain from process to product.
- Promote knowledge sharing and collaboration amongst industry, academia, Government Institutions, research laboratories, etc. for entrepreneurship and marketing of products.
- To promote increased interaction/ collaboration with institutes/ organizations worldwide and to build a flagship programme in the areas of design and innovation.

SPA, New Delhi, as the Hub Institution has 3 Spokes; SPA Bhopal, SPA Vijayawada and Ambedkar University Delhi. Teams of students and mentors under DIC-HUB at SPA-New Delhi have worked and developed products and prototypes, toolkits, websites and mobile applications, covering a diverse spectrum in the field of architecture, planning and design.

The various typologies of DIC projects are based on Product, Process and Design innovations as mentioned below:

- The Product Innovation includes Shading Device, Mycokit, Water purifier, Hand dishwash system, and Transit Affordable and sustainable construction system.
- The Process Innovation includes Urban STeP, App for urban street vendors, Web based tool for plan modification, Nigrani portal, wE-Conserve, App for city biodiversity index, Life fire safety app, and Approach for valuation of land.
- The Design Innovation includes Design of traffic signals for visually impaired, Design solutions for low income settlements, Climate responsive building form, Eco-smart Infrastructure, Video game as a tool to supplement planning studies and Wi-Fi based transceiver system.

SPA has provided an atmosphere of Design Thinking and Innovation under which 129 ideas have been received and 44 ideas got selected for projects. DIC is enriched with various

equipment facilities including High-end Computer System for CASS Planning), GaganEnabled Precision (GPS Handheld Device SXtreo 151C), CNC router, CNC (Laser Cutter), 3-D Printer, Temperature Humidity Loggers etc.

Total 13 elective courses have been started in various departments under which total 500 students are getting trained. More than 24 workshops/ exhibition have been organised, 2 at national level, 2 at state level and others at institutional level. DIC has total 6 publications till now which includes DIC brochure, AIDIC Proceedings, and various project based booklets.

The All India DIC Meet, 2019 was organized by DIC at SPA Delhi on 11th and 12th of April, 2019 at Dr. Ambedkar International Centre so as to share knowledge about Innovation, Entrepreneurship and Marketing, enhance interdisciplinary design focusing on innovation and creativity, display innovative projects/ products to endorse innovation culture and to collaborate amongst industry, academia, government institutions, research laboratories etc. for marketing and outreach of innovated products. Total of 13 projects are completed projects out of 20. Five projects out of 13 have an IPR

Activities of the Design Innovation Center

S. No.	Name of the Project Coordinator	Name of the Department	Title of the Project and Sponsoring Agency
1	Shweta Manchanda Project Lead, DIC Associate Professor of Architecture Mekhla Parihar Project Lead, DIC Assistant Professor of Architecture	Architecture	Shading Devices: System Design and Product Laboratory (Sponsored by Ministry of HRD).
2	Parul Kiri Roy Project Lead, DIC Assistant Professor of Architecture Shuvojit Sarkar Project Lead, DIC Associate Professor of Architecture Anjali Mittal Project Lead, DIC Assistant Professor of Architecture	Architecture	T.A.S.C.S.: Transient, Affordable and Sustainable Construction Systems (Sponsored by Ministry of HRD).
3	Shuvojit Sarkar Project Lead, DIC Assistant Professor of Architecture	Architecture	Transceiver based alert system: Communication to reduce road accident in mountainous region (Sponsored by Ministry of HRD).
4	Poonam Prakash Project Lead, DIC HOD and Professor of Physical Planning Ashok Kumar Co-Project Lead, DIC, Professor of Physical Planning	Physical Planning	Toolkit for Plan Modification: Development of Web – based Application on Plan Modification related to Land Use (Sponsored by Ministry of HRD).
5	Poonam Prakash Project Lead, DIC HOD and Professor of Physical Planning	Physical Planning	Learning through Gaming: Video game as a tool to supplement planning Studies (Sponsored by Ministry of HRD).

6	<p>Ashok Kumar Project Lead, DIC, Professor of Physical Planning</p> <p>Vinita Yadav Co-Project Lead, DIC, HOD & Professor of Regional Planning</p> <p>Rabidyuti Biswas Co-Project Lead, DIC HOD CASS, Professor of Physical Planning</p>	Regional Planning	Dashboard: A web based platform for linking the development projects in district for efficient delivery of services (Sponsored by Ministry of HRD).
7	Anuradha Chaturvedi Project Lead, DIC HOD and Associate Professor of Architectural Conservation	Architectural Conservation	wEConserve: An innovative initiative for Smarter Shahjahanabad, (Sponsored by Ministry of HRD).
8	Arunava Dasgupta Associate Professor of Urban Design	Urban Design	Addressing Urban Realities – Eco-Smart Social Infrastructure for Less Catered Communities, (Sponsored by Ministry of HRD).
9	Arunava Dasgupta Project Lead, DIC Associate Professor of Urban Design	Urban Design	Urban Form and Climate Change: Toolkit for climate as a determinant for Urban form (Sponsored by Ministry of HRD).
10	<p>Arunava Dasgupta Project Lead, DIC Associate Professor of Urban Design</p> <p>Aditi Singh Co-Project Lead, DIC, Assistant Professor of Industrial Design</p>	Urban Design & Industrial Design	V.O.W: Decentralized waste management System (Sponsored by Ministry of HRD).
11	Sanjukta Bhaduri DIC Coordinator, Dean (Research), SPA Delhi Professor of Urban Planning	Urban Planning	Urban STeP: Smart Toolkit for e-Participation (Sponsored by Ministry of HRD).
12	Sanjukta Bhaduri DIC Coordinator, Dean (Research), SPA Delhi Professor of Urban Planning	Urban Planning	SVAPN: Street Vendors Application (Sponsored by Ministry of HRD).

13	Sanjukta Bhaduri DIC Coordinator, Dean (Research), SPA Delhi Professor of Urban Planning	Urban Planning	Land Valuation: An approach for valuation of land and property of displaced people (Sponsored by Ministry of HRD).
14	Ruchita Gupta Project Lead, DIC Associate Professor of Housing P.S.N. Rao Co-Project Lead, DIC Professor of Housing Harshita Deo Co-Project Lead, DIC Assistant Professor of Housing	Housing	Design Solutions for low income settlements: Designing housing prototypes for varying plot sizes in unauthorized colonies of Delhi (Sponsored by Ministry of HRD).
15	Sewa Ram Project Lead, DIC Professor of Transport Planning	Transport Planning	Design of Signalized Intersection for Visually impaired: Guidance, assistance, accessibility, Electronic devices, geometry, Compatibility, vulnerability, intersection, ITS (Sponsored by Ministry of HRD).
16	Meenakshi Dhote Project Lead, DIC, HOD and Professor of Environmental Planning	Environmental Planning	Application for conservation and management of Urban Biodiversity: Tool-kit for biodiversity management in urban areas (Sponsored by Ministry of HRD).
17	Parag Anand Meshram, Project Lead, DIC HOD ID and Associate Professor of Industrial Design Aditi Singh Co-Project Lead, DIC, Assistant Professor of Industrial Design	Industrial Design	Jugnoo: Do-It-Yourself Solar Study Lamp for rural children (Sponsored by Ministry of HRD).
18	Parag Anand Meshram, Project Lead, DIC HOD ID and Associate Professor of Industrial Design Aditi Singh Co-Project Lead, DIC, Assistant Professor of Industrial Design	Industrial Design	MycoKIT: A portable Diagnostic kit for detection of Pulmonary Tuberculosis in in low resource areas. (Sponsored by Ministry of HRD).

19	<p>Parag Anand Meshram, Project Lead, DIC HOD ID and Associate Professor of Industrial Design</p> <p>Aditi Singh Co-Project Lead, DIC, Assistant Professor of Industrial Design</p>	Industrial Design	H2Onest: Smart water testing and purification system (Sponsored by Ministry of HRD).
20	<p>Parag Anand Meshram, Project Lead, DIC HOD ID and Associate Professor of Industrial Design</p> <p>Aditi Singh Co-Project Lead, DIC, Assistant Professor of Industrial Design</p>	Industrial Design	In-Sink: Hand Dishwashing + (Sponsored by Ministry of HRD).
21	Virendra Kumar Paul Dean (Planning and Development), Professor of Building and Engineering and Management	Building Engg. Management	B- Fire: Building Fire Risk Evaluation (Sponsored by Ministry of HRD).

3.3 CONSULTANCY PROJECTS

Besides teaching and research activities, the School also undertakes institutional consultancy assignments in architecture, planning, design and management for different clients in the government and private sector. Over the years SPA has developed vast and diverse expertise in varied areas of architecture, planning, design and management.

Some of the clients in the public sector, for which consultancy assignments have been carried by the school in the recent past include Delhi Development Authority, Delhi Transco Ltd., Ministry of Environment and Forest (GOI), Ministry of External Affairs (GOI), Numaligarh Refinery Ltd., NCAER, Bhutan Govt., Lakshadweep Administration, Delhi University, NOIDA Authority, Ministry of Textiles (GOI), Himachal Pradesh Govt., Ministry of Panchayati Raj (GOI), CPWD, PWD, Ministry of HRD (GOI), Ministry of Agriculture (GOI), NCERT, MCD, Delhi Cantonment Board, Archaeological Survey of India and some of the clients in the government sector are Competition Commission of India, Baddi Barotiwala Nalagargh Development Authority, ITPO, IIT, Kanpur, Kavikulaguru Kalidas Sanskrit University, Indian Medical College NHPC, NCRTC, Delhi Cantt., Rural Electrification Corp, Delhi Pollution Control Committee etc. The clients in the private sector include religious trust i.e. Shri Mata Vaishno Devi Shrine Board and residential colonies.

The nature and extent of the consultancy projects undertaken by the Institute is an index of its credibility with its clients and is symbolic of the institute's excellence in the context of nation's socio-economic development.

Details of Consultancy Projects

S. No.	Name of the Project Coordinator	Title of the Project and Sponsoring Agency
1	Aarti Grover	Augmentation/Alterations to Outer Landscaping and Premises at DUV Vasant Kunj, ONGC Project.
2	Aditi Singh	Conceptualization of "Better Living by Design" Awards. Sponsored by HSIL Ltd.
3	Anil Dewan	Crematorium at Nangal Raya. Sponsored by Delhi Cantonment Board.
4	Anil Dewan	Redevelopment of Arthala Lake, Uttar Pradesh. Sponsored by Ghaziabad Vikas Parishad.
5	Anil Dewan	Redevelopment of ITPO Complex at Pragati Maidan Project.
6	Anil Dewan	Road Safety Audit for Cantonment Area. Sponsored by Delhi Cantonment Board.
7	Anjali Mittal	Redevelopment of the Interiors of Rashtrapati Bhawan, New Delhi. Sponsored by Rashtrapati Bhawan.
8	Aruna Ramani Grover	Delhi Cantonment Board Chitrakoot Guest House Project.
9	Anuradha Chaturvedi	Heritage Impact Assessment and Preparation of Report for Redevelopment of Jamia Hamdard University Project.
10	Anuradha Chaturvedi	Heritage Impact Assessment for 14 monuments along the RRTS Sarai Kale Khan to SNB Corridor alignment of the RRTS in Delhi. Sponsored by National Capital Region Transport Corporation.
11	Anuradha Chaturvedi	Heritage Impact Assessment for Centrally Protected Monuments along Proposed Delhi-Gurugram-Rewari Rapid Rail Transit System Corridor. Sponsored by National Capital Region Transportation Corporation (NCRTC).
12	Anuradha Chaturvedi	Heritage Impact Assessment for Construction on Jamia Campus in close vicinity of Tughlaquabad. Sponsored by Jamia Hamdard University.
13	Anuradha Chaturvedi	Redevelopment of Bhavishya Nidhi Enclave at Malviya Nagar Project.
14	Anuradha Chaturvedi	Sector Advisor on Heritage for formulation (for Baselineing, Visioning and Goal Setting) of the Delhi Master Plan 2041. Sponsored by DDA and NIUA.
15	Arunava Dasgupta	Electric Crematorium Building at URI Enclave - New Delhi. Sponsored by Delhi Cantonment Board, Ministry of Defence.
16	Ashok Kumar	Accessibility Audit for PWD of Two Police Stations in Delhi. Sponsored by Ministry of Social Welfare and Justice, Government of Indian.
17	Ashok Kumar	Framing Model Land Use Regulations Development Controls,

		Service Level Benchmarks with Appropriate Enforcement Mechanisms for Rurban Clusters. Sponsored by Ministry of Rural Development, Government of India, New Delhi.
18	Ashok Kumar	Rurban projects for four states. Sponsored by State governments of U.P., Kerala, Haryana and Rajasthan.
19	Ashok Kumar	Verification Audit of Facilities for PwDs in and around selected Railway Stations in India. Sponsored by Ministry of Social Welfare and Justice, Government of Indian.
20	Mandeep Singh	Competition Commission of India Project.
21	Mandeep Singh	CPWD, Vigyan Bhawan Project (GST Amount Received).
22	Mandeep Singh	Durga Bhawan Yatri Niwas. Sponsored by Vaishno Devi Shrine Board, Jammu.
23	Mandeep Singh	Improvement of landscape at Raj Ghat (proposal sent). Sponsored by Central Public Works Department.
24	Mandeep Singh	Proposed Elevated Exit Route at Vaishno Devi. Sponsored by Vaishno Devi Shrine Board, Jammu.
25	Mandeep Singh	Proposed Skywalk to Vaishno Devi Shrine. Sponsored by Vaishno Devi Shrine Board, Jammu.
26	Mandeep Singh	Shri Mata Vaishno Devi Shrine Board Project 1: Durga Bhawan. Sponsored by Shri Mata Vaishno Devi Shrine Board, Katra.
27	Mandeep Singh	Shri Mata Vaishno Devi Shrine Board Project 2: Yatri Queue Management at Bhawan. Sponsored by Shri Mata Vaishno Devi Shrine Board, Katra.
28	Mandeep Singh	Shri Mata Vaishno Devi Shrine Board Project 3: Yatri Exit Route. Sponsored by Shri Mata Vaishno Devi Shrine Board, Katra.
29	Mandeep Singh	Shri Mata Vaishno Devi Shrine Board Project 4: Yatri Queue Management at Bhairon Temple. Sponsored by Shri Mata Vaishno Devi Shrine Board, Katra.
30	Manoj Mathur	Landscape development of interactive outdoor plaza at IIT-Kanpur (On-going). Sponsored by IIT Kanpur
31	Manoj Mathur	Landscaping of Asthapath at Haridwar. Sponsored by Irrigation Dept. Govt. of Uttarakhand
32	Manoj Mathur	Redevelopment of Asthapath at Rishikesh, UK. Sponsored by Irrigation Dept. Govt. of Uttarakhand
33	Manoj Mathur	Redevelopment of Spray Pond of Kelkar Library. Sponsored by IIT-Kanpur.
34	Manoj Mathur	Redevelopment of the Interiors at International Centre for Alternative Dispute Resolution, New Delhi. Sponsored by International Centre for Alternative Dispute Resolution.
35	Mayank Mathur	Sectoral Plan for Baddi Barotiwala Nalagarh. Sponsored by BBNDA.

36	Meenakshi Dhote	Carrying Capacity of NCT Delhi w.r.t. Air Environment. Sponsored by Delhi Pollution Control Committee.
37	Meenakshi Dhote	Namami Gange Programme Project.
38	Meenakshi Dhote	Taj Trapezium Zone (TTZ Project). Sponsored by UP Govt.
39	Meenakshi Dhote	Tourism UP Pro-poor Tourism Development Project.
40	P.S.N. Rao	Kavikulaguru Kalidas Sanskrit University Project. Sponsored by Kavikulaguru Kalidas Sanskrit University.
41	P.S.N. Rao	Landscape Redevelopment of the Presidential Estate, N. Delhi (On-going). Sponsored by President's Secretariat, Rashtrapati Bhavan, New Delhi.
42	P.S.N. Rao	Numaligarh Refinery Ltd., Project. Sponsored by Numaligarh Refinery Ltd.
43	P.S.N. Rao	Preparation of DPR for Rashtriya Sanskrit Sansthan's Campus at Mumbai Project.
44	P.S.N. Rao	Preparation of DPR for Rashtriya Sanskrit Sansthan's Vedavyas Campus, Garli, Himachal Pradesh Project. Sponsored by Rashtriya Sanskrit Sansthan.
45	P.S.N. Rao	Rashtriya Sanskrit Sansthan Agartala Project. Sponsored by Rashtriya Sanskrit Sansthan.
46	Prabhjot Singh	DEO Residence. Sponsored by Delhi Cantonment Board.
47	Prabhjot Singh	Interiors of Rest House. Sponsored by Northern Railway.
48	Rabidyuti Biswas	Master Plan of Gogamukh. Sponsored by NHPC Project.
49	Sanjay Gupta	Comprehensive Mobility Plan for Dwarka, Delhi. Sponsored by DDA.
50	Sanjay Gupta	Comprehensive Mobility Plan for Gurugram Metropolitan Development Area. Sponsored by GMDA.
51	Sanjay Gupta	Outline Design Criteria (ODC) for RRTS Stations. Sponsored by NCRTC.
52	Sanjay Gupta	Preparation of Sub City Transport Plan for Dwaraka. Sponsored by DDA.
53	Sewa Ram	Sky Walk CPWD Project.
54	T. Lakshmi Priya	Comprehensive Conservation Management Plan for National Archives of India (NAI), New Delhi. Sponsored by National Archives of India, Ministry of Culture.
55	V. K. Paul	Examination of Cost Estimates for Construction and Development of REC Township at Sector 57, Gurugram. Sponsored by RECL Limited.
56	V. K. Paul	Safety and Structural Audit of National Institute of Tuberculosis and Respiratory Diseases. Sponsored by National Institute of Tuberculosis and Respiratory Diseases.

57	V. K. Paul	Structural Retrofitting and Architectural Designing of Existing Indian Medical Association (IMA) Building at ITO, New Delhi. Sponsored by Indian Medical Association.
58	YK Jain	Improvement to Drainage and Sewerage system. Sponsored by Delhi Cantonment Board.
59	YK Jain	Overhead service reservoir. Sponsored by Ambala Cantonment Board.
60	YK Jain	Rejuvenation of Water bodies. Sponsored by Delhi Cantonment Board.
61	Y. K. Jain	Structural Safety Audit of LHMC Hospital Building Project.



4. FACULTY DEVELOPMENT AND OUTREACH

4.1 FACULTY PARTICIPATION ACTIVITIES- INTERNATIONAL VISITS

S. No.	Name of Faculty	Detail of Event with Place and the dates of the visit
1	P.S.N. Rao	Participated in the Second Edition of the Indo-French Knowledge Summit 2 on Higher Education, Research and Innovation, at Lyon, France, from 16.10.2019 to 20.10.2019.
		Pre-launch of “Global Water Security and Sustainable Development Hub” Project, Newcastle University, Newcastle upon Tyne, England, U.K., from 11.02.2019 to 15.02.2019.
		Visited Malaysia for attending the Hub- Assembly on Water Security and Sanitation Challenges under Global Challenges Research Fund (GCRF) of UKRI, during 20.09.2019 to 28.09.2019.
		Attended Second Hub-Assembly on Water Security and Sustainable Development under the Global Challenges Research Fund (GCRF) of UKRI at Addis Ababa, Ethiopia, during 22.02.2020 to 29.02.2020.
		Participated in the UGC-UKIERI Collaborative Research Project “Decision Support Framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change” between University of the West England, Bristol, U.K. and SPA-D, from 10.12.2019 to 20.12.2019.
2	Ashok Kumar	Pre-launch of “Global Water Security and Sustainable Development Hub” Project, Newcastle University, Newcastle upon Tyne, England, U.K. , from 11.02.2019 to 15.02.2019.
		Visited Malaysia for attending the Hub- Assembly on Water Security and Sanitation Challenges under Global Challenges Research Fund (GCRF) of UKRI, during 20.09.2019 to 28.09.2019.
		Attended Second Hub-Assembly on Water Security and Sustainable Development under the Global Challenges Research Fund (GCRF) of UKRI at Addis Ababa, Ethiopia, during 22.02.2020 to 29.02.2020.
3	Mahavir	Attended Smart City connect Fall Conference and Expo, co-located with the Defense Tech Connect Innovation Summit and Expo, at Washington DC, USA, and 11th October 2019, Meeting with the Faculty of the Department of Architecture Urban and Regional Planning, University at Buffalo, USA, from 06.10.2019 to 11.10.2019.
4	V.K. Paul	Participated in the UGC-UKIERI Collaborative Research Project “Decision Support Framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change” between

		University of the West England, Bristol, U.K. and SPA-D, from 10.12.2019 to 20.12.2019.
5	Sanjukta Bhaduri	Visited Madame Vandana, Frankfurt, Germany and Aples France, from 02.07.2019 to 09.07.2019.
6	Sanjay Gupta	Attended UNDERREFORM Research Project high level meeting in London, Leeds Birmingham and Manchester, from 14.09.2019 to 21.09.2019.
7	Manoj Mathur	Participated in the International Workshop, Joint Exercise of University of Applied Science, Erfurt, Germany with SPA, Delhi, during 02.06.2019 to 22.06.2019.
8	Meenakshi Dhote	Participated and presented a paper on “ Ganga: Reconnecting River, City and People”, in the World Urban Forum 2020 at Abu Dhabi, during 09.02.2020 to 11.02.2020.
9	Poonam Prakash	Presented a paper in an International Conference at Unversidad de Malaga, Spain, from 21.10.2019 - 26.10.2019.
10	Mayank Mathur	Participated in the International Conference on “Health Wellness and Society, at University of California, Barkely, USA, from 18.09.2019 to 21.09.2019.
11	Rabidyuti Biswas	Pre-launch of “Global Water Security and Sustainable Development Hub” Project, Newcastle University, Newcastle upon Tyne, England, U.K. , from 11.02.2019 to 15.02.2019.
		Visited Malaysia for attending the Hub- Assembly on Water Security and Sanitation Challenges under Global Challenges Research Fund (GCRF) of UKRI, during 20.09.2019 to 28.09.2019.
		Attended Second Hub-Assembly on Water Security and Sustainable Development under the Global Challnges Research Fund (GCRF) of UKRI at Addis Ababa, Ethiopia, during 22.02.2020 to 29.02.2020.
12	Vinita Yadav	Attended Geo Business 2019, United Kingdom, the Pink House, during 18 to 26 May 2019.
13	Anuradha Chaturvedi	Participated as part of Researcher Exchange – Year III under Bilateral Programme of the DST & Ministry of International Cooperation, Italy-Joint Research Collaboration (2017-19) – Short Researcher Exchange Visit, from 21.09.2019 to 01.10.2019.
		Attended Asian Academy of Heritage Management Strategic Meeting on collaborative Action for Strengthening Cultural Heritage Management, Co-organiser Southeast University and University of Hong Kong, Hong Kong and China, during 02.06.2019 to 05.06.2019.
		Participated in the Advisory Committee Scientific Symposium and Annual General Assembly at Marrakesh Morocco, during 09.10.2019 to 17.10.2019.

14	Parag Anand Meshram	Pursuing Ph.D. at Melbourne, Australia, from 24.02.2020 to 31.07.2020.
15	Arunava Dasgupta	Participated in the Second Edition of the Indo-French Knowledge Summit 2 on Higher Education, Research and Innovation, at Lyon, France, from 16.10.2019 to 20.10.2019.
16	Rajapraksh, P.	International Workshop, Joint Exercise of University of Applied Science, Erfurt, Germany with SPA, Delhi, during 02.06.2019 to 22.06.2019.
17	T. Lakshmi Priya	The Joint Research Project: From Laboratory to Conserve Site-Research on performance of improved traditional materials and techniques; and development of a technical database to support conservation and adaptive reuse of historic residential buildings in Sahjehanabad, Delhi Italy Florence, from 21.09.2019 to 08.10.2019.
18	Harshita Deo	To participate in SPACE international conference 2019 on housing and presented a paper on impact of globalisation on housing and its inhabitants_sp_housing_053 inverted, at London, United Kingdom, from 27.11.2019 to 08.12.2020.
19	Aditi Singh	Pursuing Ph.D. at Melbourne, Australia, from 02.03.2020 to 02.08.2020.

4.2 MOUs SIGNED DURING 2019 - 20

S. No.	Name of the MOU	Name of the MOU Partner	Nature of MOU
1	Collaboration for the benefit of the Housing and Urban Development Sector.	Central Public Works Department (CPWD), New Delhi	Government
2	For sponsorship by Everest Industries.	EVEREST Industries Ltd. Noida	Industry
3	Inter-institutional agreement 2018-2020 between institutions from programme and partner countries.	Cardiff University Welsh School of Architecture UK	Academic and Research
4	Collaboration on various potential English Language Projects.	Cambridge Assessment English, University of Cambridge, UK	Academic and Research
5	For direct contact and co-operation between faculty and admin staff, department and research institutions.	University of New Castle Upon Tyne, UK	Academic and Research
6	To establish and facilitate educational and academic exchanges between ECSU and SPA.	Ethiopian Civil Service University (ECSU), Addis Ababa, Ethiopia	Academic and Research
7	To collaborate in Academic and Research activities on basis of mutual benefits.	The University at Buffalo,	Academic and Research
8	For the development of Academic Cooperation.	Francois Brouat, Directour, ENSA Paris-Belle Ville – ENSAPB	Academic
9	To establish co-operation for Research outreach, manpower support and Project development.	National Association of Street Vendors of India (NASVI)	Research and NGO
10	For mutual benefits of Academic Exchange Programme.	Frankfurt University of Applied Science, Frankfurt, Germany	Academic
11	To collaborate with the purpose of carrying out projects of cultural, educational, research and innovation for common good.	Department of Architecture Design (DAD)	Academic and Research
12	To enhance relations between two universities in the area of education, research and other activities.	Heidelberg University, Heidelberg Germany	Academic and Research
13	With the objective of deepening the Indo-French cooperation.	Ministry of Culture of the French Republic, Ministries for an	Academic and Research

		Ecological and Inclusive Transition (MEIT) & The Embassy of France in India	
14	To promote friendship and co-operate in a mutually beneficial association.	Svayam (Initiative of Sminu Jindal Charitable Trust)	NGO

4.3 SPACE: THE SPA JOURNAL OF PLANNING AND ARCHITECTURE

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

The Editorial Board

The Editorial Board of the School is responsible towards bringing out the SPACE Journal and the Newsletter. Prof. Dr. P.S.N. Rao is Chairman, Editorial Board of SPACE.

4.4 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. The newsletter was started in the year 2018 and has successfully completed 10 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.

5.

RESOURCES

5.1 FACULTY MEMBERS IN THE SCHOOL

SI.NO.	Name of Faculty	Designation
	Prof. Dr. P.S.N. Rao	Director
Department of Architecture		
1	Prof. Dr. Mandeep Singh	Professor of Architecture
2	Prof. Manoj Mathur	Professor of Architecture
3	Prof. Dr. Aruna R. Grover	Professor of Architecture
4	Prof. Dr. Anil Dewan	Professor of Architecture
5	Prof. Dr. Jaya Kumar	Professor of Architecture
6	Prof. Dr. Ranjana Mittal	Professor of Architecture
7	Dr. Leon Angelo Morenas	Associate Professor of Architecture
8	Dr. Shweta Manchanda	Associate Professor of Architecture
9	Dr. Rajaprakash P.*	Assistant Professor of Architecture
10	Shri S.K. Aaditya	Assistant Professor of Architecture
11	Shri Prabhjot Singh Sugga*	Assistant Professor of Architecture
12	Ms. Parul Kiri Roy	Assistant Professor of Architecture
13	Ms. Moulshri Joshi#	Assistant Professor of Architecture
14	Dr. Shuvojit Sarkar*	Assistant Professor of Architecture
15	Shri S.P. Shrivastava	Assistant Professor of Civil Engg.
16	Ms. Aarti Nagpal	Assistant Professor of Architecture
17	Ms. Arpita Dayal	Assistant Professor of Architecture
18	Ms. Anjali Mittal	Assistant Professor of Architecture
19	Shri Saptrishi Sanyal	Assistant Professor of Architecture
20	Ms. Mekhla Parihar	Assistant Professor of Architecture
21	Ms. Vandana Kothari	Assistant Professor of Art
Department of Physical Planning		
22	Prof. Dr. Ashok Kumar	Professor of Physical Planning

23	Prof. Dr. Mahavir	Professor of Physical Planning
24	Prof. Dr. Mayank Mathur	Professor of Physical Planning
25	Prof. Dr. Poonam Prakash	Professor of Physical Planning
26	Dr. Chidambara*	Assistant Professor of Physical Planning
27	Ms. Taru Jain#	Assistant Professor of Physical Planning
28	Ms. Priti Deo	Assistant Professor of Physical Planning
29	Ms. Papiya Bandyopadhyay Raut	Assistant Professor of Physical Planning
30	Mr. Piyoosh Singh	Assistant Professor of Physical Planning
CASS		
31	Prof. Dr. R.Biswas	Professor of Physical Planning
Department of Industrial Design		
32	Shri Parag Anand Meshram	Associate Professor of Industrial Design
33	Ms. Kriti Gera	Assistant Professor of Industrial Design
34	Ms. Aditi Singh	Assistant Professor of Industrial Design
Department of Building Engineering & Management		
35	Prof. Dr. V.K. Paul	Professor of BEM
36	Mr. Salman Khursheed	Assistant Professor of BEM
37	Dr. Chaitali Basu	Assistant Professor of BEM
38	Mr. Abhijit Rastogi	Assistant Professor of BEM
Department of Urban Design		
39	Shri Arunava Dasgupta	Associate Professor of Urban Design
40	Shri Manu Mahajan*	Assistant Professor of Urban Design
Department of Architectural Conservation		
41	Prof. Dr. Priyaleen Singh	Professor of Arch. Conservation
42	Ms. Anuradha Chaturvedi	Associate Professor of Arch. Cons.
43	Ms. Laxmi Priya T.	Assistant Professor of Arch. Cons.
Department of Urban Planning		
44	Prof. Dr. Sanjukta Bhaduri	Professor of Urban Planning

45	Shri M. Palaniappan	Associate Professor of Urban Planning
46	Ms. Nilanjana Dasgupta Sur	Assistant Professor of Urban Planning
Department of Regional Planning		
47	Prof. Dr. N.Sridharan**	Professor of Regional Planning
48	Prof. Dr. Vinita Yadav	Professor of Reg. Planning
49	Dr. Chetna Singh	Assistant Professor of Reg. Planning
Department of Environmental Planning		
50	Prof. Dr. Meenakshi Dhote	Professor of Env. Planning
51	Dr. Neha Goel Tripathi	Asstt. Professor of Env. Planning
Department of Housing		
52	Prof. Dr. P.S.N. Rao	Professor of Housing & Director
53	Ms. Harshita Deo	Assistant Professor of Housing
54	Dr. Ruchita Gupta*	Assistant Professor of Housing
Department of Transport Planning		
55	Prof. Dr. Sanjay Gupta	Professor of T.P.
56	Prof. Dr. Sewa Ram	Professor of T.P.
57	Prof. Dr. Vinay Maitri	Professor of Programming
58	Shri Bhaskar Gowd Sudagani	Assistant Professor of T.P.
Department of Landscape Architecture		
59	Dr. Aarti Grover*	Assistant Professor of Landscape Arch.
<p>*Appointed as Associate Professor from July 2020 **Appointed as Director, S.P.A. Bhopal # Resignation under process</p>		

5.2 CASS/ GIS/ RS

1. Name of the Centre

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

2. Year of establishment of the Centre

Centre for Analysis and System Studies : 17.10.1986
Centre for Remote Sensing : 29.07.1999
Centre for Geographical Information System : 21.01.2003

3. Head of the Centres R. Biswas, Professor of Physical Planning

4. Teaching and Workshops organized by CASS

Organized regular classes on GIS, AutoCAD, and Computer Applications for Planning in the GIS lab for the UG and PG Departments.

- Workshop on BIM software with RIPL on 14th September 2019.
- Workshop on Geospatial Technologies with ESRI India on 25th September 2019.
- Workshop on Cyber Crime Ecosystem Management on 6th November 2019

(a) Managing the service related to administration

- Maintaining and managing complete Biometric based attendance system.
- Managing and maintaining SPA web-site.
- Maintaining the School email services for faculty, students and staffs.
- Supporting in purchase of new peripherals for the school.
- Preparing of Technical Tenders for Purchase and Maintenance Section.

(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, Adobe Reader, Antivirus, Windows 7, Windows 8, Windows 10, Linux, Mac OS.
- Managing Antivirus Server Solution on Server and Client machine.
- Firewall Management (UTM Cyberoam 300ing) for blocking un-authorized site and securing intranet network.
- Coordinate with ISP and NIC to streamline internet lease line provide MTNL and NIC.
- Installing and configuring new hardware that comes in to the SPA.
- Maintaining CCTV and Providing Backup of CCTV.
- Providing support in Technical drafting of Tenders.
- Support of CCTV management 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.
- Providing technical support for Dspace library software.
- Managing of Government suggested Social Media pages on Social Networking Site for Institutions.

(b) 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 through local Network/Intranet.
- 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.
- Provide CENSUS data for student.
- Providing technical training & IT security tip to students.
- Providing valuable material and tutorials for academic purpose through local intranet.
- E-Mail ID creation of student for academic purpose.
- Providing Internet facilities in ITO Hostel and Maharani Bagh Campus.
- IT equipment facilities provide for student in workshop and seminar like laptop, Projector, speakers etc.
- Remote Sensing equipment issued to the student & faculties for academic purpose.
- Managing Preventive maintenance of System, Network and LAN etc.
- Email ID creation and configured mail software like outlook and Mac Mail.
- Health and Network monitoring to ensure virus free environment.
- Installed, configured and maintained the regular updates of Antivirus on client machine.
- Regular up-dation of website content.
- Creation of E-mail id for Faculty and Staff members.
- Providing regular support on Apple mac machine and laptop.
- Providing technical support for the on-line video conferencing etc.
- Providing technical support for any type of online registration, uploading like Swach Bharat, AISHE, e-scholarship portals.

- **Support Staff**

Name and Designation	Qualification and Specialization
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)

- **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
<ul style="list-style-type: none"> • CASS 25 LAN Points • GIS Lab 23 LAN Points 	One One	Use of Projector with Smart Interactive Board	One GIS Lab	One for CASS

Hardware	Name	Quantity	Company/Model
• Computer	HP Machines Mac Machines	47 (27 GIS, 20 CASS) 5 (CASS)	HP Apple
• Printers/ Scanners/ Plotters	Laser Jet	8 1	HP Canon
• Wi-Fi Controller	Cisco	1	Cisco 2504WLC
• Switches	24 Port, 48 Port	5(24 port x 4, 48 port x 1)	D-Link, Cisco
• Wi-Fi	Access Points	1	D-Link
• Web Filtering Device	UTM	1	Cyberoam 300ing
• Server	HP MAC	5 1	HP APPLE

Software	Name	Quantity (No, of licenses)	Company/ Model	Other detail
<ul style="list-style-type: none"> • ArcGIS 10.1 • ArcView 10.1 • ArcInfo 10.1 • ERDAS • AutoDesk 2019 • Win 2008 Server (32 & 64 Bit) • MS Office 2007 • MS Office 2010 • Final Cut Studio • Apple iwork 09 • Mac Office 2008 Student Edition • File Maker pro Server • Windows 7 Ultimate • Mac OS 10 Server <ul style="list-style-type: none"> • Macfee Anti-virus 		20 20 2 5 Academic License 2 25 350 2 - - 1 - 1 -	ESRI India ESRI India ESRI India ERDAS Auto Desk Microsoft Apple Apple Apple Apple Apple Microsoft Apple McAfee Enterprise Security	MoU with Autodesk For Whole School

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 ENVIS CENTER ON HUMAN SETTLEMENTS

Environmental Information System (ENVIS), a Central Sector Scheme of the Ministry has been implemented since 1982. The purpose of the scheme is to integrate country-wide efforts in environmental information collection, collation, storage, retrieval and dissemination through ENVIS websites, which are dedicated to different interesting themes. The Department hosts one of the 68 Environmental Information Centers funded by Ministry of Environment, Forests and Climate Change on the thematic aspect of Human Settlements (ENVIS Center on Human Settlements). The revised Memorandum of Co-operation was signed in 2017-18 to initiate new activities and the Center was made a Resource Partner whose activities are detailed as below:

The ENVIS Resource Partner on Human Settlements and their Impact on Environment, supported by Ministry of Environment & Forests, Govt. of India, has been placed with the Department of Environmental Planning, SPA New Delhi since 1993. It works towards Collection, Processing, Documentation and Dissemination of data pertaining to Human Settlements and identifying their potential impacts and effects on the environment, with a mandate to

- Maintain and update subject-specific database, produce value-added products, case studies, success stories and directories of information on State/Regional/ National level, Compendium, Abstracts and Journals, Research papers etc.
- Monitor and map districts (divided into grids of 50 km x 50 km) on identified parameters in a phased manner.
- To partner in implementation of environmental activities under Sansad Adarsh Gram Yojana and coordinate Village Sensitization Programmes.
- To engage in Green Skill Development and GRIDDS (Grid Based Decision Support System) to monitor environmental status of human settlements in a sustained manner.

The centre is also producing theme-based newsletters. The major users include Central and State Government, institutes and individual scientists, researchers, students and agencies carrying out environmental impact assessment of projects as well as public. All information thus compiled is made available on the Centre's website, which can also be accessed through www.spaenvis.nic.in. The ministry has recommended use of the data provided by Envis Centers in EIA reports.

Activities of the Centre

1. Publication of Newsletters

Title	Content and Coverage of topics	Publisher/ Year/ Type of publication
Urban Biodiversity	<ul style="list-style-type: none"> • Introduction to Urban Biodiversity • Profile of key benefits of Urban Biodiversity • Urban Biodiversity in social and cultural context • Categorization of Urban biodiversity • Impact of cities on Biodiversity • Urban Biodiversity in Delhi • Policy and regulations • Steps to protect Urban Biodiversity 	SPA ENVIS RP/ 2019/ Newsletter ISSN 0974-1135
Sustainable Cities	<ul style="list-style-type: none"> • Introduction to the concept of Sustainable cities • Liveability standards in Cities • Healthy cities and its qualities • Eco-city, its strength and its indicators • Concept of Green Cities • Concept of Smart Cities 	SPA ENVIS RP/2019/Newsletter ISSN 0974-1135
Urban Village	<ul style="list-style-type: none"> • Introduction, types and stages of urban villages • Urban Villages of Delhi • Case studies of Delhi • Comparative analysis of Urban villages. 	SPA ENVIS RP/ 2019/ Newsletter ISSN 0974-1135
Urban Water Body	<ul style="list-style-type: none"> • Water challenges in urban areas • Importance of water bodies • Impact of urbanization on water bodies • Qualities of a healthy city • Eco city and its strengths • Green cities- their framework and benefits • Smart city framework 	SPA ENVIS RP/ 2019/Newsletter ISSN 0974-1135

2. Posters on Ozone Day

Conducted awareness programme on the occasion of 'World Ozone Day' on 16 September 2019 for raising awareness among school children towards the importance of Ozone Day and sensitization of school children towards Ozone layer protection.

Waterbodies in Urban Areas: Water Bodies of Holambi Kalan; Jal Shakti Abhiyan- Conserve Water (showcasing the issues and best practices , conducted awareness programme on 10 September 2019 at Bhartiya Vidya Bhawan, New Delhi. An awareness activity for sensitizing students towards growing water scarcity conditions was done by putting up posters depicting importance of conservation of water and measures to save water.

3. Other products

- a. Hindi Comic on Ozone day for School Children,
- b. CD on Smart City database,
- c. Booklet on Biodiversity in EIA documents.

4. Online Survey on Environmental Impact of Lockdown

5. Participation in National Mission for Clean Ganga Activities

The National Mission for Clean Ganga (NMCG), in coordination with Ministry of Jal Shakti had organized the '**Ganga Utsav**' on 4 November 2019 at Major Dhyan Chand Stadium to mark the 11th anniversary of declaration of river Ganga as the National River of India. The event was organized for creating awareness and ensuring mass scale public participation in the NMCG's efforts for cleaning river Ganga and its tributaries. In this event, the Union Minister for Jal Shakti, Shri Gajendra Singh Shekhawat, Shri Ratan Singh Kataria, Union Minister of State for the Ministry of Jal Shakti, Social Justice and Empowerment along with the Director General of NMCG Shri Rajiv Ranjan Mishra were present. In this event, SPA ENVIS, along with the host institution, School of Planning & Architecture, participated by showcasing their knowledge products.

6. ENVIS Website

- URL: www.spaenvis.nic.in
- Status of restructuring of Website: Restructured on 07/05/2012.
- Frequency of updating Website 2019-20: Weekly.
- Subject-specific database updation (numeric/ others):11.
- Publication uploaded/ updated on Website: 276

7. Green Skill Development

Two Courses were conducted from January to March 2020

- Valuation of Ecosystem Services and Green GDP - 20 January 2020 till 12 February 2020.

- Green Belt Development for Industries - 17 February 2020 till 31 March 2020 A total of 20 candidates were skilled 2 manuals - Training Manual for Course and 2. Tolerant Vegetation for Green Belts has been prepared during the Course.
- **Webinar on Environmental Impact of Lockdown and Carrying** - CAPACITY 4 June 2020 – Key Speakers – Prof. Dr. P.S.N. Rao from SPA Delhi; Dr.Gufran Beig from IITM, Pune and Shri Sashi Shekhar from HSPCB, Shimla.

5.4 INTERNAL QUALITY ASSURANCE CELL

Prof. Dr. P.S.N. Rao	Head, IQAC
Prof. Dr. Poonam Prakash (from January 2020)	Coordinator, IQAC
Prof. Dr. Ashok Kumar (July 2019 – December 2019)	Coordinator, IQAC
Dr. Ashok Kumar	Library and Information Officer

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

IQAC is focused on the following aspects for enhancing quality:

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

During the period under reporting, the IQAC has performed the following functions:

- Coordination, management, editing and publication of information for the Annual Report 2018-19.
- Maintaining foreign visits information of the faculty.
- Coordination and management of relevant information for participation in the NIRF India Rankings.

The IQAC is also assisting in other administrative works assigned by the competent authority of the School from time to time.

5.5 SEXUAL HARASSMENT COMMITTEE

SPA, New Delhi is committed to making its campus an inclusive and safe teaching learning work environment for all. For this school has created a Complaint Cell of faculty and staff of the school to address the incidences of sexual harassment of women. As per policy document and Code for Preventive Sexual Harassment in the School an Anti-Sexual Harassment Unit (ASHU) has been constituted which will also perform the functioning of the Internal Complaint Committee to enquire into complaints of Sexual Harassment of women at workplace in the school. The Committee is chaired by senior professor and nine other members.

5.6 SC CELL

The School has a SC Cell headed by a Liaison Officer from the faculty who is responsible for taking care of the welfare of SC, ST employees of the School. It basically looks after the employee rosters and any grievances from SC, ST employees in the School. Presently it is headed by Prof. R. Biswas as Liaison Officer. The Liaison Officer of SC Cell chaired the committee to formulate a new roster register for all posts of the school based on the new guidelines of the Government of India for inclusion of SC, ST, OBC and EWS. The Liaison Officer also chaired the committee to formulate the criteria of inclusion of PH candidates in the School for various posts based on the criteria provided by the Ministry of Social Welfare and Justice, Government of India.

5.7 STUDENT AID FUND AND SCHOLARSHIPS

Students Aid Fund

The objectives of the Students Aid Fund (SAF) are to render financial assistance on a case by case basis, to deserving students in the event of unforeseen expenditure for emergencies and to allow them to achieve their academic commitments and goals.

Sources of Fund and Reserve Funds are collected from students. Every student of school pays, at the commencement of the academic session, a sum of Rs.200/-or as revised from time to time. Fines collected from Students on any count are also credited into the SAF. School on recommendation of the managing committee may raise voluntary contributions for augmenting the funds from suitable sources who desire to contribute to the fund. An amount (depending on the funds presently available) from the existing funds may be kept as a corpus. Incomes from which may be added to the amount of student contributions. The surplus funds if any, during a year, shall be credited to the corpus of the SAF.

These funds can be disbursed for the purpose of medical, living expenses, purchase of equipment for academic activities, travel expenses for study tours/attending conferences /workshops.

All students except PG Students receiving GATE Scholarships and full-time PhD students receiving stipends are eligible for the fund. Financial Assistance is granted as a onetime assistance of a minimum of Rs 10000/- and a maximum Rs. 25000/- or as revised by the Managing Committee from time to time and approved by the School. In case of students seeking financial assistance for the second time, in case of emergency, the Director can use his discretionary powers to extend such financial assistance to a student by considering the significance of the case.

The SAF is administered by the Managing Committee constituted of the following members:

- Director/ Dean of Studies of the School – chairman (Ex-Office).
- The UG and PG Student Advisors.
- Two students nominated by the Director/ DOS of the School from the Student's Council.
- Registrar of the School – Secretary (Ex- officio).

A separate Bank Account for the SAF shall be maintained by the School for the operation of the fund.

- All disbursement shall be approved by the Director and the signatories for operating the bank account shall be the Registrar and the DR/AR/SO of the Accounts Section.
- All accounts of SAF shall be maintained by the Accounts Section of the School and regularly audited.

In this year 15 students were given Rs 25000 each for various purposes.

Scholarships

Gate scholarship is available to the Postgraduate Students. Students also getting Scholarships under various Government Scholarship Schemes for PG/UG students through National Scholarship Portal (NSP) as well as from the State Government.

5.8 DOCUMENTATION CUM PUBLICATION UNIT

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 printing and publication for the School. The DPU makes printing arrangements for all the publications of the School such as Annual Report, SPACE Journal, SPA Newsletter, Seminar Series, Convocation Booklets, Students' Handbook, Prospectus, Visiting Cards, special publications, etc. from time to time.

In addition to the above items the DPU also prints stationery items for Examination Section and Store, Purchase and Maintenance Section, Accounts and Budget Section, etc. during the year 20109-20 the DPU brought out following publications:

- Annual Report 2018-19 (English), Annual Report 2018-19 (Hindi).
- SPACE Journal Vol. 21, No. 3-4, (July-Dec. –2017), SPACE Journal Vol. 22, No. 1-4, (Jan-Dec –2018).
- Thirty Seventh Convocation Booklet, Guest of Honor/Chief Guest Speech.
- Printing of various posters.
- Foundation Day Invitation Cards and Convocation Invitation Cards.
- Printing of office stationery, examination stationary, visiting cards, ID cards and parking stickers etc.

DPU is also assisting in other administrative works assigned by the competent authority i.e. assisting in vigilance matters of the School, Internal Quality Assurance Cell, Nodal Officer (Election), Public Information Officer for DPU and related matters, updation and revision of School Website, any other work assigned from time to time. Dr. Ashok Kumar, Library Information Office is in charge of Documentation and Publication unit.

5.9 LIBRARY

Prof. Dr. Ranjana Mital
Chairperson

Narendra Singh Dhama
Library & Information Officer

Pramod Nabor
Library & Information Assistant

Hargian Singh
Sr. Library & Information Assistant

Om Prakash
Junior Library Assistant

The Library of the School continues to play an important role in documentation and dissemination of knowledge and information in the areas of planning, 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 199 books, 375 theses, 50 dissertations and 08 bound volumes of journals were added in the Library.

The Library has subscription to 81 print and e-journals, JSTOR with access to more than 2065 archived e-journals and Indiastat, the most comprehensive e-resource for accessing the secondary level socio-economic statistical information about India and its 6 geographical regions, 31 states and 19 sectors. The other resources such as World e-book Library, South Asia Archive, V-IDEO and other research reference of 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 check-out by the users. 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 large collection and other online resources available through DELNET. 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 both the libraries of the School.

5.10 WORKSHOP AND MATERIALS TESTING & SURVEYING LABORATORY

Workshop

The Material Workshop at SPA provides a range of training and maintenance services to the SPA students. Students are trained in basic carpentry and metal work and have access to workshop facilities for making architectural models. The workshop is fully equipped for all categories of carpentry, machine tooling and so on. Major responsibility for routine repairs and maintenance of various campus buildings also rests with the workshop. The Head of the Department of Industrial Design looks after the Workshop.

Materials Testing & Surveying Laboratory

As part of the academic activities at Undergraduate and Postgraduate levels of various Department of Studies, Material testing and Surveying Laboratory has been established in order to impart practical learning to undergraduate and postgraduate students in their relevant field. Students of different departments of studies visit the Lab regularly as per their academic programme and for other research works. The intent of the lab is to make students conversant with the behavior of structural material like bricks, concrete, timber, steel, etc. under different loading conditions as well as to assess the Quality of a building unit, thus it caters the need of research/ consultancy. The laboratory is equipped with both Destructive/Non-destructive test equipment's like, Universal Testing machine (UTM 400 KN Capacity, GDR make), Compression Testing Machine (CTM 2000 kN Capacity, GDR make). Both the Machines are Interfaced with Computer. Similarly, Non-destructive test equipment's like Digital Ultrasonic Concrete Tester (UPV), Rebound Hammer are available in the Lab. Double acting Hydraulic Jacks for pre-stressing is available in the Lab. Surveying Laboratory is equipped with latest modern equipment like Electronic Total Station apart from other conventional equipment. Concrete Mixer, Vibrating Table, Needle Vibrator and Cement Mortar Vibrator etc. for mixing & compaction of cement/concrete are available in the Lab. A no. of C.I. moulds like Cubes, Cylinders, Beams, etc. are available for the Students. These moulds are used for casting of concrete by the students with different mix proportions and with different admixtures.. Other testing equipment's for carrying out test of Cement/Concrete like, slump test for workability of concrete, compaction factor test, Vicat Apparatus for Consistency /setting time of cement, etc. to study the physical properties of Cement/Concrete are available in the lab. Also Structural models are being prepared by the students and tested under different loading conditions. The procurement of other and latest equipment like Loading frame, LVDT, Load Cell, Data Logger, Rebar Locator etc. are under process. The lab is being upgraded from time in order to introduce the Instruments based upon the latest technology. Mr. Piyush Kant Jain is heading the Lab.

5.11 SPORTS ACTIVITIES

Sports is an integral part of student life at SPA, New Delhi inspite of modest sports facilities and infrastructure. T 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 Sports Cell has also encouraged informal sports activities such as cycling city tours inter –class matches of improvised cricket and fuzball. In the current academic year the gym facility at the Maharani Bagh was revamped and expanded.

The Sports Cell of the school primarily deals with various sports activities of students across all the departments. The cell organised annual sports meet 'ATHLOS'. The event was held from 16th-21st of October. Students from all departments came together and participated in friendly competition in different sporting activities namely badminton, table tennis, volleyball, chess, carrom, pool, football, cricket, kho-kho and athletics. Required arrangements were made in the Maharani Bagh hostel courtyard and staff lawns for the activities. Chilla Sports Complex for cricket and Commonwealth Games Village were 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 their respective sports. The Sports Cell also helped in organizing the annual sports meet of the staff members of the school in the first week of January 2020.

The Sports Cell coordinates and facilitates the participation of student's teams in various, national and inter-SPA sports meet. This academic year too the Sports Cell organized the International Yoga Day on 21 June 2019 and facilitated the participation of approximately 97 students for the Inter-SPA sports and cultural meet held at SPA, Vijayawada from 12 to15 February 2020. The students from SPA, New Delhi won numerous medals at the sports meet. They won gold in Kabaddi and Table Tennis. While the girls' team won gold in Volleyball, Basketball, Table Tennis, Badminton, Shot Put and Relay Race. The team also bagged 7 silvers in Cricket, Badminton, Football, Shot-Put, Long Jump, and 100m &200m Race. They also won bronze in Relay Race, 100m & 200m Race.

The Sports Cell promoted promising students in various sports by offering coaching in various governments run coaching schemes at different sports complexes across the Delhi NCR.

The School aims to provide a wholesome sports opportunity that contributes significantly to the personality development of the students. The sports cell which undertook all these activities is ably guided by Prof. (Dr.) Vinay Maitri (Dean Student Affairs) and supported by Dr. Shuvojit Sarkar (Sports Coordinator) and Mr. Umesh (Sports Officer). On ad-hocu basis.

The sports cell would like to continue the good work in inculcating a positive outlook amongst the students body towards sports and fitness.



6.

ADMINISTRATION

6.1 ADMINISTRATIVE STAFF IN THE SCHOOL

List of Administrative Staff		
S.No.	Name of Employee	Designation
1	Umakant Agarwal	Registrar
2	Virendra Kumar	Deputy Registrar
3	Jagjeet Kaur	Assistant Registrar
4	Anuj Bhardwaj (on lien)	Assistant Registrar
5	Girish Kumar	Assistant Registrar
6	N.S. Dhami	Library and Information Officer
7	Dr. Ashok Kumar	Library and Information Officer
8	Piyush Kant Jain	Technical Officer (Lab)
9	Kishori Lal	Section Officer
10	Rakesh Sharma	Section Officer
11	Pratap Singh Rawat	Section Officer
12	Ashok Kumar Sharma	Section Officer
13	Surinder Kumar	Asstt. Engineer
14	Shanti Swaroop	Jr. System Analyst
15	Jagdish Kumar	Jr. System Analyst
16	Abhishek Jain	Jr. System Analyst
17	Renu Anand	Sr. P.A.
18	Sanjeev Joshia	Sr. P.A.
19	Patras Toppo	Sr. Assistant
20	Veena Yadav	Sr. Assistant
21	Renu Sharma	Sr. Assistant
22	Ashwani Kumar Chadha	Sr. Assistant
23	Ajay Kumar Sharma	Sr. Assistant
24	Shakuntala Batra	Sr. Assistant
25	Manohar Lal	Sr. Assistant

26	Kiran Punia	Sr. Assistant
27	Padam Singh Kaim	Sr. Assistant
28	Mohar Singh	Sr. Assistant
29	Vinod Kumar	Asstt. Photographer
30	Sushil Khandelwal	A.V. Assistant
31	Hargian Singh	Sr. Library & Info. Assistant
32	Kamal Kumar Arora	P.A.
33	Lavlin Dixit	Assistant
34	Poonam	Assistant
35	Kamal Kishore Tuteja	Assistant
36	Hari Ram	Assistant
37	Vijay Asnani	Jr. Technical Assistant
38	Mohan Singh Patwal	Jr. Assistant
39	Nand Kishore	Jr. Assistant
40	Roshan Lal	Jr. Assistant
41	Harender Singh Bisht	Jr. Assistant
42	Manik Rao	Jr. Assistant
43	Sher Singh Meena	Hindi Typist
44	Rakesh Kumar	Jr. Technical Asstt.
45	Ram Raj	Caretaker
46	Om Prakash S/o RC	Caretaker
47	Bhagwan Singh Rawat	Electrician-cum-Plumber
48	T. Pramod Nabor	Library & Info. Assistant
49	Om Prakash	Jr. Library & Info. Asstt.
50	Subhash Chand	Driver Gd-I
51	Joby Mathew	Driver
52	Chaman Singh	Driver
53	Sushil Kumar	Mechanic

54	Anil Kumar Mishra	MTS
55	Mukesh Kumar S/o TC	MTS
56	Satya Kumar	MTS
57	Suresh Kumar	MTS
58	Bijender Singh	MTS
59	Vinay Kumar	MTS
60	Shyam Sunder Mehto	MTS
61	Kuldip Kumar	MTS
62	Surinder Kumar	MTS
63	Shiv Singh Bisht	MTS
64	Sukram Pal	MTS
65	Sunil Kumar, S/o DP	MTS
66	Ishwar Chand	MTS
67	Rekha Devi	MTS
68	Pappu Singh	MTS
69	Sunil Kumar, S/o CS	MTS
70	Mukesh Kumar S/o Rajindri	MTS
71	Dinanath Prasad	MTS
72	Kanwal Kumar Raheja	MTS
73	Soban Singh	MTS
74	Pheku Ram	MTS
75	Ram Singh Bani	MTS
76	Jai Ram	MTS
77	Rajender	MTS
78	Ram Bati	MTS
79	Kusum	MTS
80	Arjun Singh	MTS
81	Ramesh, S/o Rupi	MTS

82	Govind Ballabh Joshi	MTS
83	Gaje Singh	MTS
84	Ravinder Bhardwaj	MTS
85	Bishambri	MTS
86	Amar Singh Rawat	MTS
87	Sushil Lakra	MTS





7.

**STUDENTS AND
STAFF ACCOMMODATION**

7.1 HOSTELS

School of Planning and Architecture, New Delhi has three hostels distributed across two campuses. The campus at ITO has a hostel for girls houses first year undergraduate and postgraduate girl students. Girl's hostel at Maharani Bagh houses remaining undergraduate girl students and boys hostel houses all the boys of the school irrespective of their years and courses. In the year 2019-20 the ITO girls hostel accommodated about 190 girl students and the Maharani Bagh girls hostel about 54 students. The Maharani Bagh boys hostel housed around 295 students.

Hostel accommodation of the school is very limited and is offered only to outstation students based on the availability of seats and in accordance with the hostel rules framed by the school from time to time.

The sports infrastructure in the hostel is modest with courtyards and outdoor green being the major activity hub used for multiple games like basketball, badminton, fuzzleball and courtyard cricket. Volley-ball, table tennis, snooker and gym facilities are also available for the students. Inter-batch tournaments for both formal and non-formal sports are a regular feature in the evenings which sees large number of hostellers participating.

Regular campaigns were run in the hostels with an objective to educate and sensitise the students on various issues like hygiene, fire safety, electricity conservation, waste segregation, water conservation, etc.

Apart from these there were a number of initiatives taken at the community level by the hostellers on the weekends which include tree plantation drive, awareness programs on garbage and waste management, teaching the under privileged children in the nearby informal settlements etc.

The student community is very well knit and come across as a cohesive unit with students reaching out and ready to help each other at all times. Guided mentorship programs under the supervision of the wardens are a regular feature.

Medical rooms with basic facilities are available in both the hostels along with appointed doctors, who apart from their fixed visiting hours are available on call round the clock.

The Hostels are a cauldron of all the cultures across India with almost all the major cultural festivals being celebrated with equal festivity and fervour. Cultural events, functions and community lunches and dinners are organised by the student community at regular intervals in the Hostel which enhances bonding and harps community feeling amongst them.

All the hostels were shut down from the 17 March 2020 due to the COVID-19 pandemic after instructions from the competent authorities of the school complying with the GoI directives.

7.2 FACULTY AND STAFF HOUSING

The Residential Complex of School of Planning and Architecture, New Delhi is located opposite New Friends Colony, about nine kilometres from the Institutional building at ITO, New Delhi. Established in early 1990s, this residential complex has 70 flats for faculty and staff, hostel for boys and girls and a community centre. Flats provide accommodation ranging from Type I to Type VII and is periodically allotted to the permanent faculty and staff members of the School.

For the purpose of day-to-day maintenance of the residential complex, an Estate Office has been established in this complex itself. This office is looked after by an Estate Officer along with deputy estate officer on honorary terms appointed from among the faculty members by the Director, staying within the residential complex. The functioning of the Office is also supported by a caretaker staff and gardener. As regards plumbing, electrical and pump operation it is outsourced, so also for the cleanliness of the campus. For the security of this campus, which is also outsourced, there are security personnel deployed at various strategic locations.

Some of the regular activities performed by the Estate Office for the maintenance of the complex include i) cleaning of the outdoor spaces such as roads, pathways, lawns etc. on daily basis and disposal of municipal waste at a designated place within the campus; ii) minor maintenance related to plumbing, electricity and carpentry works for all the residential flats and hostel; iii) overseeing the security arrangement of the residential complex; iv) upkeep of lawns, flower beds, plants and trees within the campus; v) recording electricity consumption for all the flats and assisting accounts section in generation of electricity bill for the flats; and, vi) periodic spraying of mosquito disinfectant in outdoor spaces, staircases and flats. In addition to the above, Estate Office also undertakes periodic inspection of the complex and informs relevant departments in the School for major maintenance work. It also coordinates through School administration regarding bills etc. for water supply, electricity and sanitation. During the lock down period for past four months and subsequently Estate Office has also undertaken works related to prevention of virus infection within the complex including sanitization of public areas, restricted movement of outsiders in the complex, thermal inspection etc.

There is a guest house in the complex and is used for the guests visiting from outside Delhi specifically during the external examination of the studio work in various departments of the School. The open space available in this complex is also sometimes used by residents for the purpose of organizing personal functions etc. Community center is also used by the residents and students for various purposes.





8.

FINANCE

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET AS ON 31-03-2020**

(Amount Rs.)

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	4,21,33,672	(76,34,949)
DESIGNATED/ EARMARKED/ENDOWMENT FUNDS	2	27,10,61,413	25,78,08,313
CURRENT LIABILITIES AND PROVISIONS	3	18,34,44,639	20,15,78,494
TOTAL		49,66,39,724	45,17,51,857

APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
FIXED ASSETS			
Tangible Assets	4A	13,01,77,960	12,58,45,701
Capital Work in Progress	4B	1,30,54,243	1,30,02,423
INVESTMENTS-FROM EARMARKED/ ENDOWMENT FUNDS	5	2,55,40,796	2,34,76,017
INVESTMENTS-OTHERS	6	16,80,00,000	-
CURRENT ASSETS	7	10,08,83,973	23,51,28,649
LOANS, ADVANCES AND DEPOSITS	8	5,89,82,752	5,42,99,068
TOTAL		49,66,39,724	45,17,51,857

SIGNIFICANT ACCOUNTING POLICIES 19
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 20

Compiled on the basis of books of accounts Produced before us.

**For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS**

Sd/- SUNDER KUMAR SHARMA PARTNER UDIN: 20087495AAAAAM7085	Sd/- GIRISH KUMAR ASSISTANT REGISTRAR (A&B)	Sd/- UMAKANT AGARWAL REGISTRAR	Sd/- PROF. DR. P.S.N. RAO DIRECTOR
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PLACE: NEW DELHI

DATE: 10th August, 2020

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31-03-2020

(Amount Rs.)

INCOME	Schedules	Current Year	Previous Year
ACADEMIC RECEIPTS	9	10,95,81,441	8,70,49,978
GRANTS/SUBSIDIES RECEIVED	10	51,90,00,000	49,37,50,000
INTEREST EARNED	11	77,30,813	19,14,074
OTHER INCOME	12	2,39,22,149	1,57,07,818
TOTAL (A)		66,02,34,403	59,84,21,870
EXPENDITURE			
STAFF PAYMENTS AND BENEFITS	13	44,14,32,786	37,53,49,764
ACADEMIC EXPENSES	14	4,46,80,095	4,49,70,266
ADMINISTRATIVE AND GENERAL EXPENSES	15	10,57,79,120	11,40,36,635
TRANSPORTATION EXPENSES	16	1,97,518	3,21,400
REPAIR & MAINTENANCE EXPENSES	17	1,12,47,688	82,66,512
OTHER EXPENSES	18	95,03,567	84,07,571
TOTAL (B)		61,28,40,774	55,13,52,148
BALANCE BEING EXCESS OF EXPENDITURE OF INCOME (A-B)		4,73,93,628	4,70,69,722
TRANSFER TO SPECIAL RESERVE (SPECIFY EACH)		-	-
TRANSFER TO /FROM GENERAL RESERVE		-	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO RESERVES AND SURPLUS		4,73,93,628	4,70,69,722
SIGNIFICANT ACCOUNTING POLICIES	19		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	20		

Compiled on the basis of books of accounts Produced before us.

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
SUNDER KUMAR SHARMA
PARTNER
UDIN: 20087495AAAAAM7085

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

Sd/-
PROF. DR. P.S.N. RAO
DIRECTOR

PLACE: NEW DELHI
DATE: 10th August, 2020

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2020**

(Amount Rs.)

SCHEDULE 1 - CORPUS/CAPITAL FUND		
A) Corpus Fund	Current Year	Previous Year
Balance as at the beginning of the year	1,43,24,510	1,24,31,887
Add: Contributions towards Corpus Fund		
Transfer from Consultancy Fund	14,54,980	12,48,396
Transfer from DASA Fees	9,20,013	6,44,227
Total A	1,66,99,502	1,43,24,510
B) Reserves and Surplus	Current Year	Previous Year
Balance as at the beginning of the year	(2,19,59,459)	(6,90,29,181)
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	4,73,93,628	4,70,69,722
Total B	2,54,34,170	(2,19,59,459)
GRAND TOTAL (A+B)	4,21,33,672	(76,34,949)

Sd/-
GIRISH KUMAR
ASSISTANT 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 31-03-2020**

Particulars	Fund Wise Breakup			Total	
	Fixed Asset & Building Fund	Endowment Fund (Schedule-2A)	Current Year	Previous Year	(Amount Rs.)
A					
a) Opening balance of the funds	25,66,48,994	11,59,319	25,78,08,313	21,83,01,807	
b) Additions during the year:	-	81,464	81,464	58,180	
1) Income from Investments made on account of funds					
2) Addition of New Fund					
i) Gifted Capital	-	6,02,200	6,02,200	2,65,000	
ii) Capital Expenditure - Non Recurring	2,00,00,000	-	2,00,00,000	5,00,00,000	
TOTAL (A)	27,66,48,994	18,42,983	27,84,91,977	26,86,24,987	
B					
Utilisation/Expenditure towards objectives of funds					
i. Capital Expenditure- depreciation	73,44,200	-	73,44,200	1,07,39,474	
ii. Revenue Expenditure	-	86,364	86,364	77,200	
Total (B)	73,44,200	86,364	74,30,564	1,08,16,674	
Closing Balance at the year end (A - B)	26,93,04,794	17,56,619	27,10,61,413	25,78,08,313	

Sd/-	Sd/-	Sd/-
GIRISH KUMAR	UMAKANT AGARWAL	PROF. DR. P.S.N. RAO
ASSISTANT REGISTRAR	REGISTRAR	DIRECTOR
(A&B)		

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2020**

SCHEDULE 2A. ENDOWMENT FUNDS

S.No.	Name of the Endowment	Opening Balance of Endowment with Interest	Addition during the year		Total	Expenditure on the object during the year	Closing Balance
			Amount Received	Interest			
			(Amount Rs.)				
1	Shreya Anand Gold Medal A/c.	89,581	-	9,059	98,640	8,000	90,640
2	Nomi Bose Endowment	(7,017)	-	316	(6,701)	-	(6,701)
3	Prof. S.K. Narayana Gold Medal	1,14,622	-	9,059	1,23,681	-	1,23,681
4	Ved Prakash Saini Memorial Award	1,987	-	1,088	3,075	900	2,175
5	Subash Paranjape Mamorial Award	26,980	-	797	27,777	-	27,777
6	Krishna Saini Gold Medal	43,409	-	2,582	45,991	-	45,991
7	Prof. C.M. Master Memorial Award	(71)	-	71	-	-	-
8	Narendra Juneja Memorial Award	1,49,414	-	7,253	1,56,667	-	1,56,667
9	Setur Ananamma Award	2,056	-	-	2,056	-	2,056
10	Prof. T.J. Manickam Memorial Award	(59,733)	-	5,445	(54,288)	-	(54,288)
11	L.R. Vagle	78,786	-	4,536	83,322	19,116	64,206
12	Vandana Goel Gold Medal Fund	1,41,237	-	4,282	1,45,519	3,000	1,42,519
13	M.R. Aghihotri Fund	23,280	75,200	1,905	1,00,385	1,600	98,785
14	N.S. Saini Gold Medal	1,04,127	-	-	1,04,127	-	1,04,127
15	J.K. Chaudhary Fund Trust	2,00,661	-	16,761	2,17,422	15,000	2,02,422
16	Abhijit De Design Award	2,50,000	-	17,176	2,67,176	15,000	2,52,176
17	P C Jain Alumni Gold Medal	-	2,07,000	400	2,07,400	3,748	2,03,652
18	Siddharth Khitoliya Award	-	3,20,000	734	3,20,734	20,000	3,00,734
	Total	11,59,319	6,02,200	81,464	18,42,983	86,364	17,56,619

Sd/-

GIRISH KUMAR

ASSISTANT 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 31-03-2020**

Particulars		Current Year		Previous Year		(Amount Rs.)
		School	Consultancy Fund	School	Consultancy Fund	
CURRENT LIABILITIES						
1	Deposits from staff	13,49,592	-	13,49,592	-	13,03,892
2	Security Deposits from students	2,95,95,865	-	2,95,95,865	-	2,36,89,165
3	Student Association fees	2,19,13,686	-	2,19,13,686	-	1,92,22,193
4	Sundry Creditors					
	a) For Goods and Services	51,81,579	-	51,81,579	-	15,07,854
	b) Others Creditors	3,82,026	-	3,82,026	-	2,32,007
5	Deposits-Others (including EMD, Security Deposit)					
	a) Deduction from Salary	48,36,513	-	48,36,513	-	47,21,143
	b) Earnest Money Deposit/Security Deposit	61,64,701	-	61,64,701	-	59,00,538
6	Statutory Liabilities					
	a) Overdue	2,03,324	-	2,03,324	-	3,09,640
	b) Others Liability	26,10,605	-	26,10,605	-	24,09,590
7	Other Current Liabilities					
	a) Salaries	89,50,762	-	89,50,762	-	86,07,997
	b) Sponsored projects	1,36,56,742	-	1,36,56,742	-	2,07,55,508
	c) Sponsored fellowship & Scholarships	54,73,891	-	54,73,891	-	54,73,891
	d) Other Liabilities	15,78,933	-	15,78,933	-	2,46,593
	e) Payable to consultancy project subsidiary accounts	-	4,46,87,257	4,46,87,257	3,96,69,543	3,96,69,543
	f) Outstanding Expenses					
	Academic Expense	18,22,800	-	18,22,800	-	64,21,452
	Administrative Expense	4,61,260	-	4,61,260	-	63,58,262
	Establishment Expense	19,78,676	-	19,78,676	-	72,37,791
	Concerned PDF Departments	-	1,44,89,309	1,44,89,309	-	1,26,60,368
	Stale Cheques	27,64,257	-	27,64,257	-	87,41,238
	Leave Salary Contribution	8,35,646	-	8,35,646	-	7,36,646
	Pension Contribution	14,02,595	-	14,02,595	-	11,44,407
	Pension Payable	56,06,957	-	56,06,957	-	52,23,821
	Amount Payable to GP/CPF	70,53,059	-	70,53,059	-	1,85,60,351
	Amount Payable to NPS	3,13,231	-	3,13,231	-	3,13,231
	CSAB Counselling Center	96,748	-	96,748	-	96,748
	Fees Refundable	34,625	-	34,625	-	34,625
TOTAL (A)		12,43,68,073	5,91,76,566	18,34,44,639	5,23,29,911	20,15,78,494

Sd/-

GIRISH KUMAR

ASSISTANT 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 31-03-2020

S. No.	Name of the Project	Opening Balance		Receipts/Recoveries during the year	Total	Expenditure during the year	Closing Balance		(Amount Rs.)
		Credit	Debit				Credit	Debit	
1	Framework for Effective People	41,780	-	-	41,780	-	41,780	-	-
2	Ministry of Human Resource Development								
(a)	Development of a National Urban Transportation System	21,597	-	-	21,597	-	21,597	-	-
(b)	Development of Remote Sensing & Photogrammetry	3,678	-	-	3,678	-	3,678	-	-
(c)	Natural Hazard Mitigation in the Earth Quake Prone Himalayas	68,151	-	-	68,151	-	68,151	-	-
(d)	Energy Conservation Settlements & Building through Design	8,636	-	-	8,636	-	8,636	-	-
(e)	Heritage Information Laboratory for Part Conservation Process in the Potential World Areas	49,822	-	-	49,822	-	49,822	-	-
(f)	Capacity Building for the Informal Sector in Municipal Solid Water Management - MHRD	2,57,714	-	-	2,57,714	-	2,57,714	-	-
3	Ministry of Environment and Forest								
(a)	Eco-System Band Dev. For carrying Capacity of Hill Resort Towns	23,872	-	-	23,872	-	23,872	-	-
(b)	ENVIS Centre for Human Settlement	11,35,515	-	27,39,270	38,74,785	37,62,870	1,11,915	-	-
(c)	Sustainable Development Network Program (India)	404	-	-	404	-	404	-	-
4	Ministry of Non-Conventional Energy Resources								
(a)	Software Development	84,984	-	-	84,984	-	84,984	-	-
5	AICTE								
(a)	Strengthening of Remote Sensing Laboratory	37,304	-	-	37,304	-	37,304	-	-
(b)	Sustainable for Rural Development Evolving a Model for Variable Habitat in Selected Agroclimatic	55,443	-	-	55,443	-	55,443	-	-
(c)	Carrier Award for Young Teachers	354	-	-	354	-	354	-	-
(d)	Quality Improvement Programme	2,10,962	-	-	2,10,962	-	2,10,962	-	-
6	FORD FOUNDATION	400	-	-	400	-	400	-	-
7	UNESCO: 19th & 20th Century in Arch. Conservation in India	40,880	-	-	40,880	-	40,880	-	-
8	Department of Science and Technology								
(a)	Manual on District Planning	27,658	-	-	27,658	-	27,658	-	-
(b)	NCR Probe - DST Project	2,51,800	-	2,50,081	5,01,881	4,31,837	70,044	-	-
9	Ministry of Home Affairs								
(a)	National Programme for Capacity Bldg. Arch. in Earthquake Risk Mgmt.	12,26,813	-	-	12,26,813	-	12,26,813	-	-
10	Board Guidelines on principles of Zoo Designing	-	-	-	-	-	-	-	-
11	SISRY Grant	-	52,505	-	(52,505)	-	-	52,505	-
12	M/UD - Alter-Approches to Master Plan	187	-	-	187	-	187	-	-
13	Fire Safety in Environment Project	1,00,000	-	-	1,00,000	-	1,00,000	-	-
14	Ministry of Social Welfare	1,70,603	-	-	1,70,603	-	1,70,603	-	-
15	Chance 2 sustain	23,48,805	-	-	23,48,805	-	23,48,805	-	-
16	DIC DU Project	-	10,923	-	(10,923)	-	-	10,923	-
17	Kalpa & Sangla Project	57,616	-	-	57,616	-	57,616	-	-
18	Rajiv Avas Yojna	3,96,503	-	-	3,96,503	-	3,96,503	-	-
19	Curaj Design Project (Rajasthan University)	50,000	-	-	50,000	-	50,000	-	-
20	Bharmour Chamba Distt. Project	-	-	-	-	-	-	-	-
21	I.U.S.F.B.	1,33,732	-	-	1,33,732	-	1,33,732	-	-
22	N.R.C. Project	-	1,80,144	-	(1,80,144)	-	-	1,80,144	-
23	HUDCO	-	-	-	-	-	-	-	-
24	SINP Project	-	1,07,246	-	(1,07,246)	-	-	1,07,246	-
25	GIZ project	-	-	-	-	-	-	-	-
(a)	GIZ Project FA 1	-	-	-	-	-	-	-	-
26	MHRD Space Audit	-	-	-	-	-	-	-	-
27	Clamitrance	14,07,698	-	-	14,07,698	9,50,725	4,56,973	-	-
28	Slum Developers	3,372	-	-	3,372	-	3,372	-	-
29	SPA DIC MHRD Project	73,59,331	-	1,65,63,163	2,39,22,494	2,08,24,011	30,98,483	-	-
30	I.C.H.R Project	174	-	-	174	-	174	-	-
31	Rajasthan Rurban Project	1,96,807	-	-	1,96,807	-	1,96,807	-	-
32	Kerala Rurban Project	3,59,251	-	-	3,59,251	-	3,59,251	-	-
33	RICS Research Trust Project	75,993	-	-	75,993	-	75,993	-	-

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2020**

SCHEDULE 4 - FIXED ASSETS

S. No	DESCRIPTION	Rate of Dep.	GROSS BLOCK				DEPRECIATION				NET BLOCK		
			Cost/valuation As at beginning of the year	Addition during the year	Deductions during the year	Cost/valuation at the year-end	As at the beginning of the year	During the year	Deductions during the year	Total up to the year-end	As at the Current year-end	As at the Previous year-end	
A	TANGIBLE ASSETS												
a	Land												
1	Land (Leasehold)	0%	2,01,97,098	-	-	2,01,97,098	-	-	-	-	-	2,01,97,098	2,01,97,098
	Total (a)		2,01,97,098	-	-	2,01,97,098	-	-	-	-	-	2,01,97,098	2,01,97,098
b	Building												
1	Planning	2%	5,67,58,963	10,32,981	-	5,77,91,944	1,67,59,769	11,55,839	-	1,79,15,608	-	3,98,76,336	3,99,99,194
2	Architecture	2%	2,95,62,831	-	-	2,95,62,831	70,26,972	5,91,257	-	76,18,228	-	2,19,44,603	2,25,35,859
3	M.B. Complex	2%	6,33,70,287	-	-	6,33,70,287	2,70,42,309	12,67,406	-	2,83,09,714	-	3,50,60,573	3,63,27,978
	Total (b)		14,96,92,081	10,32,981	-	15,07,25,062	5,08,29,050	30,14,501	-	5,38,43,551	-	9,68,81,511	9,88,63,031
c	Fixed Assets												
1	Office Equipment	7.5%	5,39,28,349	34,63,474	-	5,73,91,823	5,17,22,988	4,25,163	-	5,21,48,151	-	52,43,672	22,05,361
2	Computer Peripherals	20%	12,39,41,982	12,49,145	6,236	12,51,84,891	12,27,07,403	4,95,497	-	12,32,02,900	-	19,81,991	12,34,579
3	Furniture/Fixture/Fitting	7.5%	3,22,24,158	26,35,894	-	3,48,60,052	3,10,92,834	26,14,504	-	3,37,07,338	-	11,52,714	11,31,324
4	Vehicles	10%	27,17,807	-	19,600	26,98,207	23,39,945	2,69,821	-	26,09,765	-	88,442	3,77,862
5	Library Books&Journals	10%	5,46,44,454	33,22,419	32,000	5,79,34,873	5,29,06,711	5,02,816	-	5,34,09,527	-	45,25,346	17,37,744
6	Gifted Books Of Journals	10%	1,46,036	-	-	1,46,036	78,446	14,604	-	93,050	-	52,986	67,590
7	Consultancy Fixed Asset	10%	42,562	30,382	-	72,944	11,451	7,294	-	18,745	-	54,199	31,111
	Total (c)		26,76,45,348	1,07,01,314	57,836	27,82,88,826	26,08,59,777	43,29,699	-	26,51,89,476	-	1,30,99,350	67,85,571
	Grand Total (A=a+b+c)		43,75,34,527	1,17,34,295	57,836	44,92,10,986	31,16,88,827	73,44,200	-	31,90,33,027	-	13,01,77,960	12,58,45,701
B	CAPITAL WORK IN PROGRESS												
	Development of Vasant Kunj (w.i.p.)	0%	1,30,02,423	51,820	-	1,30,54,243	-	-	-	-	-	1,30,54,243	1,30,02,423
	Total (B)		1,30,02,423	51,820	-	1,30,54,243	-	-	-	-	-	1,30,54,243	1,30,02,423
	Grand Total (A+B)		45,05,36,950	1,17,86,115	57,836	46,22,65,229	31,16,88,827	73,44,200	-	31,90,33,027	-	14,32,32,203	13,88,48,124
	Previous Year		43,73,78,365	1,31,58,585	-	45,05,36,950	30,09,49,352	1,07,39,474	-	31,16,88,827	-	13,88,48,124	13,64,29,013

Sd/-

GIRISH KUMAR

ASSISTANT 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 31-03-2020**

Particulars		FUND-WISE BREAK UP			(Amount Rs.)	
		Current Year				Previous Year
		Endowment Fund	Consultancy Fund	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	18,91,224	2,36,49,572	2,55,40,796	2,34,76,017	
	TOTAL	18,91,224	2,36,49,572	2,55,40,796	2,34,76,017	

Sd/- GIRISH KUMAR ASSISTANT REGISTRAR (A&B)	Sd/- UMAKANT AGARWAL REGISTRAR	Sd/- PROF. DR. P.S.N. RAO DIRECTOR
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**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2020**

	Particulars	(Amount Rs.)		
		Current Year		Previous Year
		School	Consultancy Fund	Total
1	In Central Government Securities	-	-	-
2	In State Government Securities	-	-	-
3	Other approved Securities	-	-	-
4	Shares	-	-	-
5	Debentures and Bonds	-	-	-
6	Investments - Others	16,80,00,000	-	16,80,00,000
	Total	16,80,00,000	-	16,80,00,000

Sd/-

GIRISH KUMAR

ASSISTANT 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 31-03-2020

Particulars	Current Year			(Amount Rs.)	
	School	Consultancy Fund	Total	Previous Year	Total
1. Stocks					
a) Stores and Spares	-	-	-	-	-
b) Loose Tools	-	-	-	-	-
c) Publications	-	-	-	-	-
d) Stationery	-	-	-	-	-
2. Sundry Debtors					
a) Debts Outstanding for a period exceeding six months	-	-	-	-	-
b) Others	-	-	-	-	-
3. Cash and Bank Balances					
a) Imprest	1,40,055	-	1,40,055	73,485	
b) Cash Balance in hand	-	-	-	25,356	
Bank Balances:					
a) With Scheduled Banks:					
-Saving Accounts	5,79,66,769	3,12,02,462	8,91,69,231	20,54,41,339	
-Foreign Currency Account	1,15,74,687	-	1,15,74,687	2,95,88,469	
b) With non-scheduled Banks:					
-On Deposit Accounts	-	-	-	-	
-On Saving Accounts	-	-	-	-	
5. Post Office-Savings Accounts					
-Postage in Hand	-	-	-	-	
TOTAL	6,96,81,511	3,12,02,462	10,08,83,973	23,51,28,649	

Sd/-	Sd/-	Sd/-	
GIRISH KUMAR	UMAKANT AGARWAL	PROF. DR. P.S.N. RAO	
ASSISTANT REGISTRAR	REGISTRAR	DIRECTOR	
(A&B)			

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2020**

Particulars	Current Year			(Amount Rs.)	
	School	Consultancy Fund	Total	Previous Year	
				School	Consultancy Fund
1. Advances to Employees : (Non Interest Bearing)					
a) Salary	-	-	-	-	-
b) Festival	2,03,636	-	2,03,636	2,03,636	2,03,636
c) Bicycle Advance	67,800	-	67,800	67,800	67,800
2. Long Term Advances to Employees : (Interest Bearing)					
a) Vehicle Loan	54,750	-	54,750	54,750	54,750
b) Home Loan	2,77,480	-	2,77,480	2,77,480	2,77,480
c) Others					
Computer Advance	1,08,820	-	1,08,820	1,08,820	1,27,820
Conveyance Advance	500	-	500	500	1,214
Fan Advance	3,550	-	3,550	3,550	3,550
LTC Advance	1,27,804	-	1,27,804	1,27,804	91,240
T A Advance	97,65,662	-	97,65,662	97,65,662	95,39,763
3. Advances and other amounts recoverable in cash or in kind or for value to be received					
a) On Capital Account	-	-	-	-	-
b) To Suppliers	-	-	-	-	-
c) Advances and other recoverables from Consultancy Cell	-	42,51,588	42,51,588	40,62,449	40,62,449
d) Departmental Advance	3,99,78,142	-	3,99,78,142	3,62,50,773	3,62,50,773
e) Others					
- Other Funds	3,38,225	-	3,38,225	3,38,225	3,38,225
4. Prepaid Expenses					
a) Insurance	-	-	-	-	-
b) Other Expenses	-	-	-	-	-
c) On Loans & Advances	-	-	-	-	-

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 9 - ACADEMIC RECEIPTS

Particulars	(Amount Rs.)					
	Current Year		Previous Year		Total	
	Recurring	Non Recurring	Recurring	Non Recurring	Recurring	Total
FEES FROM STUDENTS						
Academic						
Tuition Fee	6,18,42,848	-	6,18,42,848	-	4,61,10,203	4,61,10,203
Admission Fee/Application	34,33,100	-	34,33,100	-	64,01,000	64,01,000
Enrolment Fee	21,14,000	-	21,14,000	-	14,73,000	14,73,000
Academic Support Fees	83,29,000	-	83,29,000	-	75,38,800	75,38,800
Registration Fee	9,84,000	-	9,84,000	-	7,60,000	7,60,000
Games Fees	5,52,600	-	5,52,600	-	4,04,724	4,04,724
Self Financing Fees	2,81,86,617	-	2,81,86,617	-	2,05,55,120	2,05,55,120
Electricity & Water Charges (Hostel)	31,86,000	-	31,86,000	-	30,40,000	30,40,000
Readmission Fees	21,000	-	21,000	-	24,000	24,000
Total (A)	10,86,49,165	-	10,86,49,165	-	8,63,06,847	8,63,06,847
Examinations						
Marksheet, Certificate Fees	90,400	-	90,400	-	2,19,500	2,19,500
Entrance Examination Fees	-	-	-	-	-	-
Total (B)	90,400	-	90,400	-	2,19,500	2,19,500
Other Fees						
Fine and Loss Charges	4,15,183	-	4,15,183	-	1,55,025	1,55,025
Migration Cert./ Degree Vrf./ Transcript/ Convocation	3,32,309	-	3,32,309	-	2,90,300	2,90,300
Total (C)	7,47,492	-	7,47,492	-	4,45,325	4,45,325
Sale of Publications						
Sale of Journals/Tender forms	94,384	-	94,384	-	78,306	78,306
Total (D)	94,384	-	94,384	-	78,306	78,306
GRAND TOTAL (A+B+C+D)	10,95,81,441	-	10,95,81,441	-	8,70,49,978	8,70,49,978

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

Particulars	Current Year				Previous Year		(Amount Rs.)
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total	
	Balance B/F	-	-	-	-	-	
Add : Receipts during the year	51,90,00,000	-	51,90,00,000	49,37,50,000	-	49,37,50,000	
Total	51,90,00,000	-	51,90,00,000	49,37,50,000	-	49,37,50,000	
Less : Refund to UGC	-	-	-	-	-	-	
Balance	51,90,00,000	-	51,90,00,000	49,37,50,000	-	49,37,50,000	
Less: Utilised for Capital Expenditure (A)	-	-	-	-	-	-	
Balances	51,90,00,000	-	51,90,00,000	49,37,50,000	-	49,37,50,000	
Less: Utilised for Revenue Expenditure (B)	51,90,00,000	-	51,90,00,000	49,37,50,000	-	49,37,50,000	
Balance C/F (C)	-	-	-	-	-	-	

Sd/-	Sd/-	Sd/-
GIRISH KUMAR	UMAKANT AGARWAL	PROF. DR. P.S.N. RAO
ASSISTANT REGISTRAR	REGISTRAR	DIRECTOR
(A&B)		

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

Particulars	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	(Amount Rs.)					
1 On Savings Accounts with scheduled banks	63,48,936	-	63,48,936	33,89,878	-	33,89,878
2 On Loans						
- Employees/Staff	3,61,686	-	3,61,686	2,88,171	-	2,88,171
- Others	-	-	-	-	-	-
3 On Term Deposits	10,20,191	-	10,20,191	(17,63,975)	-	(17,63,975)
TOTAL	77,30,813	-	77,30,813	19,14,074	-	19,14,074

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

Particulars		Current Year		Previous Year		(Amount Rs.)
		Recurring	Non Recurring	Recurring	Non Recurring	
A. Income from Land and Building						
1	Hostel Room Rent	70,88,453	-	70,88,453	70,68,231	70,68,231
2	Canteen Rent	17,400	-	17,400	34,800	34,800
3	Guest Room Rent	2,44,850	-	2,44,850	2,37,328	2,37,328
4	Rent from Others	2,13,173	-	2,13,173	52,000	52,000
5	Licence Fees	2,28,582	-	2,28,582	3,17,028	3,17,028
6	Electricity Charges recovered	11,64,737	-	11,64,737	7,95,931	7,95,931
7	Water Charges recovered	73,801	-	73,801	76,024	76,024
	Total A	90,30,996	-	90,30,996	85,81,342	85,81,342
B. Others						
1	Income from Consultancy	58,19,921	-	58,19,921	49,93,584	49,93,584
2	RTI Fees	350	-	350	220	220
3	Income from Royalty	-	-	-	-	-
4	Sale of Application Form (Recruitment)	-	-	-	-	-
5	Sale of Owned assets	-	7,515	7,515	-	-
6	Recruitment Fees	23,88,700	-	23,88,700	-	-
7	CGHS Subscription	-	-	-	9,56,234	9,56,234
8	Others	-	-	-	-	-
-	Income Tax Refund	-	-	-	-	-
-	Miscellaneous	2,71,605	-	2,71,605	8,51,402	8,51,402
-	Miscellaneous Recovery	1,78,252	-	1,78,252	3,24,277	3,24,277
-	Stale Cheques Written off	62,24,810	-	62,24,810	-	-
-	Penalty and Rebate Income	-	-	-	759	759
	Total B	148,83,638	7,515	148,91,153	71,26,476	71,26,476
	Grand Total (A+B)	239,14,634	7,515	239,22,149	1,57,07,818	1,57,07,818

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 13 - STAFF PAYMENTS & BENEFITS

Particulars	Current Year		Previous Year	
	Recurring	Non Recurring	Total	Non Recurring
	Total	Total	Recurring	Total
Salaries and Wages	21,12,12,527	-	21,12,12,527	19,35,49,411
Allowances & Bonus	5,42,64,900	-	5,42,64,900	4,62,11,516
Contribution to GPF/CPF and NPS	67,01,791	-	67,01,791	61,86,112
Retirement and Terminal Benefits	10,93,74,585	-	10,93,74,585	6,29,70,345
Medical Facility	77,75,985	-	77,75,985	75,29,593
Honorarium	19,81,889	-	19,81,889	15,13,079
Personal Development Allowance	73,15,476	-	73,15,476	25,09,610
Other				
CGHS Contribution	19,41,118	-	19,41,118	20,43,944
DA Arrears	18,86,498	-	18,86,498	16,81,043
Pay of Part Time Officers	3,47,71,517	-	3,47,71,517	4,83,07,231
Conveyance reimbursement to Visiting Faculty	42,06,500	-	42,06,500	28,47,880
TOTAL	44,14,32,786	-	44,14,32,786	37,53,49,764

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

Particulars	SCHEDULE 14 - ACADEMIC EXPENSES				(Amount Rs.)			
	Current Year		Previous Year		Current Year		Previous Year	
	Recurring	Non Recurring	Total	Total	Recurring	Non Recurring	Total	
a) Expenses on Seminar/ Workshops	4,49,419	-	4,49,419	5,56,647	-	5,56,647		
b) Remuneration to Paper Setter	2,75,420	-	2,75,420	1,08,000	-	1,08,000		
c) Convocation Expenses	28,65,292	-	28,65,292	29,55,613	-	29,55,613		
d) Stipend/means-cum-merit scholarship	4,09,56,250	-	4,09,56,250	4,13,30,006	-	4,13,30,006		
e) Others								
- Prizes and Medals	1,33,714	-	1,33,714	20,000	-	20,000		
- Exhibition/Foundation Day	-	-	-	-	-	-		
TOTAL	4,46,80,095	-	4,46,80,095	4,49,70,266	-	4,49,70,266		

Sd/-	Sd/-	Sd/-
GIRISH KUMAR	UMAKANT AGARWAL	PROF. DR. P.S.N. RAO
ASSISTANT REGISTRAR	REGISTRAR	DIRECTOR
(A&B)		

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 15 - ADMINISTRATIVE AND GENERAL EXPENSES

Particulars	Current Year		Previous Year		(Amount Rs.)
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Total	Total	
A. Infrastructure					
(a) Electricity and Power	1,40,58,175	-	1,40,58,175	-	1,56,41,134
(b) Water Charges	52,68,989	-	52,68,989	-	1,67,98,546
(c) Rent, Rates and Taxes					
- Property Tax	41,73,377	-	41,73,377	-	29,93,906
(d) MSW CHARGES	1,65,200	-	1,65,200	-	-
B. Communication					
(e) Postage Charges	1,33,575	-	1,33,575	-	2,19,006
(f) Telephone, Fax and Internet Charges	30,34,808	-	30,34,808	-	35,63,798
C. Others					
(g) Printing, Photocopy & Stationary	36,24,304	-	36,24,304	-	28,91,539
(h) Travelling and Conveyance Expenses	61,96,779	-	61,96,779	-	71,32,806
(i) Professional and Legal Charges	16,75,591	-	16,75,591	-	24,56,869
(j) Advertisement and Publicity	33,43,441	-	33,43,441	-	23,76,749
(k) Magazines & Journals	1,64,459	-	1,64,459	-	54,867
(l) Others					
- Bank Charges	2,99,523	-	2,99,523	-	65,576
- Audit Fees	1,19,890	-	1,19,890	-	1,69,845
- Consumables Articles for Audio Visuals/Lab	30,600	-	30,600	-	2,27,577
- Liveries	3,791	-	3,791	-	94,174
- Membership Fees	7,66,307	-	7,66,307	-	1,45,890
- Other Contingent Charges	8,85,297	-	8,85,297	-	11,05,398
- Refreshment Charges	9,51,347	-	9,51,347	-	9,63,265
- Manpower & Security Agencies	5,97,79,434	-	5,97,79,434	-	5,55,31,130
- Participation of Staff in International Conference	2,500	-	2,500	-	31,890
- Other Administrative Expenses	11,01,734	-	11,01,734	-	15,72,669
TOTAL	10,57,79,120	-	10,57,79,120	-	11,40,36,635

Sd/- **GIRISH KUMAR** Sd/- **UMAKANT AGARWAL** Sd/- **PROF. DR. P.S.N. RAO**
ASSISTANT REGISTRAR **REGISTRAR** **DIRECTOR**

(A&B)

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 16 - TRANSPORTATION EXPENSES

Amount Rs.

PARTICULARS	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	1 Vehicles (owned by institution)					
a) Running Expenses	-	-	-	-	-	-
b) Repair and Maintenance	1,97,518	-	1,97,518	3,21,400	-	3,21,400
c) Insurance expenses	-	-	-	-	-	-
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	-	-	-	-	-	-
3 Vehicle (Taxi) hiring expenses	-	-	-	-	-	-
Total	1,97,518	-	1,97,518	3,21,400	-	3,21,400

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 17 -REPAIR AND MAINTAINANCE

(Amount Rs.)

Particulars	Current Year		Previous Year		Total
	Recurring	Non Recurring	Recurring	Non Recurring	
	Total	Total	Recurring	Total	
a) Building	51,16,924	-	51,16,924	-	25,33,971
b) Furniture and Fixtures	9,617	-	9,617	-	40,390
c) Electrical Goods	7,62,997	-	7,62,997	-	3,19,207
d) Repair and Maintenance of Office Equipment	24,01,446	-	24,01,446	-	24,95,856
e) Computers	28,77,536	-	28,77,536	-	24,54,960
f) Cleaning Material & Services	48,577	-	48,577	-	3,00,732
g) Book Binding Charges	30,591	-	30,591	-	1,21,396
TOTAL	1,12,47,688	-	1,12,47,688	-	82,66,512

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2020

SCHEDULE 18 - OTHER EXPENSES

(Amount Rs.)

Particulars	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	a) Subsidy to SPA Mess	85,97,586	-	85,97,586	82,00,000	-
b) Other Expense						
- Sanitary Goods	3,26,843	-	3,26,843	2,00,597	-	2,00,597
- Sports Goods	5,79,138	-	5,79,138	6,974	-	6,974
TOTAL	95,03,567	-	95,03,567	84,07,571	-	84,07,571

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT FOR THE PERIOD 01.04.2019 TO 31.03.2020**

RECEIPTS		CURRENT YEAR	PREVIOUS YEAR	PAYMENTS		CURRENT YEAR	PREVIOUS YEAR
I	Opening Balance Cash-in-hand b) Bank Balances Saving Bank Accounts Foreign Exchange Account Postage in hand	25,356 20,54,41,339 2,95,88,469	- 12,24,46,943 57,28,712 47,495	Expenses Establishment Expenses Academic Expenses Administrative Expenses Repair & Maintenance Expenses		7,70,62,607 4,21,96,315 3,39,40,844 21,36,049	10,22,20,797 3,70,66,952 5,50,66,725 21,88,522
II	Grants Received a) From Government of India Grant Received-Ministry of HRD Grants Received-Ministry of HRD (Capital Grant)	51,90,00,000 2,00,00,000	49,37,50,000 5,00,00,000	Amount spent on sponsored projects		3,13,90,967	2,46,97,910
III	Academic Receipts Academic Receipts-Fees and Subscription	10,85,67,045	8,85,41,829	Advances/payment to parties		45,03,69,056	33,19,45,815
IV	Receipts against Earmarked /Endowment Fund	6,02,200	2,65,000	Investments and deposits made Out of Earmarked/Endowment funds Out of Own Funds (Investments - Others)		6,61,816 16,94,13,347	3,27,200 5,59,83,071
V	Income on Fixed Assets Sale of Fixed Assets	46,089	-	Expenditure on Fixed Assets & Capital Work in Progress Purchase of Fixed Assets Expenditure on Capital Work in Progress		1,10,11,218	10,00,000
V	Receipts against Sponsored Projects/ Schemes	2,85,14,201	2,16,60,717	Expenditure on Grant & Subsidies		85,97,586	82,00,000
VI	Receipts against Sponsored Fellowships & Scholarship	1,77,63,125	1,54,95,940	Amount Payable to GPF/CPF/NPS		1,20,51,989	-
VII	Contractor's Earnest Money/ Security Deposits	7,26,560	17,46,405	Refundable deposits from students		71,67,007	97,59,445
VIII	Amount recoverable from GPF/CPF & NPS	-	11,51,989	SPA Fee Receivable		-	-
IX	Interest Received on Interest Received-On Bank Deposits (Saving) On Bank Deposits (FDR) Interest on Advance Interest On Endowment Fund	63,48,936 - 2,08,094 4,826	36,56,878 6,52,655 - -	Contractor's Earnest Money/ Security Deposits		2,77,574	4,14,992
X	Stale Cheques	2,47,829	31,62,281	Advances given		1,45,01,628	1,47,18,142
XI	Term Deposits with Scheduled Banks Encashed	-	5,75,48,521	Closing Balances Cash in hand b) Bank Balances Saving Bank Accounts Foreign Exchange Account		- - 8,91,69,231 1,15,74,687	25,356 20,54,41,339 2,95,88,469
XII	Any other receipts	1,06,62,069	65,88,098	TOTAL		96,15,21,921	88,44,13,874
XIII	Sundry Creditors	20,000	1,18,189				
XIV	Advances Adjusted	84,80,882	56,10,242				
XV	Consultancy Receipts	72,74,901	62,41,980				
TOTAL		96,15,21,921	88,44,13,874				

**Compiled on the basis of books of accounts Produced before us.
For SUNDER SHARMA & CO.**

CHARTERED ACCOUNTANTS

Sd/-
SUNDER KUMAR SHARMA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

Sd/-
PROF. DR. P.S.N. RA
DIRECTOR

**PLACE: NEW DELHI
DATE: 10th August, 2020**

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2020

LIABILITIES	CURRENT YEAR		PREVIOUS YEAR		ASSETS	CURRENT YEAR		(Amount Rs.) PREVIOUS YEAR	
G.P.F. Fund					INVESTMENTS				
Opening Balance	174,416,161	141,992,617			Fixed Deposit Scheme (GPF and CPF)	152,543,134	119,143,626		
Additions:					Interest Accrued on Fixed Deposits	3,636,916	3,706,789		
G.P.F. Subscription	35,746,600	30,429,577			Advance recoverable from GPF	1,385,935	1,385,935		
G.P.F. Advance	1,511,753	2,796,512			Amount Recoverable from SPA	7,053,059	18,560,351		
G.P.F. Interest	14,412,058	11,738,556			TDS Receivable	905,251	545,141		
Deductions:					Special Deposit Scheme:				
Full & Final Payments/Withdrawals by staff	22,858,522	12,541,101			G.P. Fund	14,900,720	14,900,720		
Adjustments of Reverse Entries	72,715	-			C.P. Fund	4,287,201	4,287,201		
Transfer to Interest Reserve account	49,455	-			Bank Balance				
Closing balance of GPF Fund	203,350,220	174,416,161			G.P. Fund Account	14,232,096	26,496,581		
					C.P. Fund Account	423,470	343,830		
C.P.F. Fund					Allahabad Bank Account	10,929,720	6,157,797		
Opening Balance	20,124,454	23,245,721							
Additions:									
C.P.F. Subscription	1,838,934	1,755,239							
C.P.F. Contribution	544,697	618,430							
C.P.F. Advance	-	-							
C.P.F. Interest:									
Contribution	421,670	249,889							
Deductions:									
Subscription	1,012,425	1,114,686							
C.P.F. Subscription	9,722,741	5,318,342							
C.P.F. Contribution	3,018,810	1,541,169							
Closing balance of CPF Fund	11,149,326	20,124,454							
Transfer to Interest Reserve account	51,302	-							
Interest Reserve Account									
Opening Balance	987,356	3,310,410							
Additions:									
Transfer from CPF	51,302	-							
Transfer from GPF	(49,455)	-							
Closing balance of Reserve	(5,191,248)	(2,323,054)							
Excess of Income over Expenditure	(4,202,045)	987,356							
TOTAL	210,297,502	195,527,971			TOTAL	210,297,502	195,527,971		

Compiled on the basis of books of accounts Produced before us.
For SUNDER SHARMA & CO.

CHARTERED ACCOUNTANTS

Sd/-

SUNDER KUMAR SHARMA
PARTNER

Sd/-

GIRISH KUMAR
ASSISTANT REGISTRAR
(A&B)

Sd/-

UMAKANT AGARWAL
REGISTRAR

Sd/-

PROF. DR. P.S.N. RA
DIRECTOR

PLACE: NEW DELHI
DATE: 10th August, 2020

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME & EXPENDITURE ACCOUNT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE
YEAR ENDING 31.03.2020

		(Amount Rs.)			
EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR	PREVIOUS YEAR
Interest Credited to					
GPF Account	14,412,058	11,765,261	Interest earned on Fixed Deposits	9,337,019	10,267,779
CPF Account	1,434,095	1,366,479	Interest received on Saving Bank	1,318,849	542,535
Bank Charges	963	1,628			
Excess of Income over Expenditure	(5,191,248)	(2,323,054)			
TOTAL	10,655,868	10,810,314	TOTAL	10,655,868	10,810,314

Compiled on the basis of books of accounts Produced before us.
For SUNDER SHARMA & CO.

CHARTERED ACCOUNTANTS

Sd/-
SUNDER KUMAR SHARMA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

Sd/-
PROF. DR. P.S.N. RA
DIRECTOR

PLACE: NEW DELHI
DATE: 10th August, 2020

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD
01.04.2019 TO 31.03.2020

S.NO.	RECEIPTS	CURRENT YEAR		PREVIOUS YEAR		S.NO.	PAYMENTS	CURRENT YEAR		PREVIOUS YEAR		(Amount Rs.)	
I.	Opening Balance					I.	G.P. Fund Subscription					10,671,721	
	G.P. Fund	32,654,378	32,998,208	4,269,195	7,982,071		Interest on GPF subscription		20,694,950	-			-
	C.P. Fund	343,830		3,712,876			C.P. Fund Subscription	9,722,741		5,318,342			
							C.P. Fund Contribution	3,018,810		1,541,169			
II.	G.P. Fund Subscription	35,892,815	35,892,815	30,402,872	30,402,872	III.	G.P. Fund Advance		12,741,551			1,869,380	
	G.P. Fund Interest	-		-									
	C.P. Fund Subscription	1,838,934	1,838,934	1,755,239	1,755,239								
	C.P. Fund Contribution	-		-									
IV.	G.P. Fund Advance	1,511,753	1,511,753		2,796,512	V.	Investment on FDR's/Special Deposit Scheme		2,237,072			1,869,380	
	C.P. Fund Interest						G.P. Fund	120,999,998					
	(I) Contribution	-		-			C.P. Fund	-	120,999,998				
	(II) Subscription	-		-									
V.	Encashment of FDR's/Special Deposit Schemes					VI.	Bank Charges		963			1,628	
	G.P. Fund	81,000,000	89,633,180		1,512,192								
	C.P. Fund	8,633,180		1,512,192									
VI.	Amount payable to SPA	12,051,989				VIII.	Closing Balance					32,998,208	
	Temporary Advances	-					G.P. Fund	25,161,816		32,654,378			
	GSLUS	-	12,051,989				C.P. Fund	423,470	25,585,286	343,830			
VI.	Interest on FDR's/Saving Bank Account												
	G.P. Fund	6,029,432	6,807,563	6,580,383	6,804,084								
	C.P. Fund	778,131		223,701									

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD
01.04.2019 TO 31.03.2020**

S.NO.	RECEIPTS	CURRENT YEAR		PREVIOUS YEAR		S.NO.	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR	(Amount Rs.)	
VII.	Interest on Special Deposit Scheme			1,147,478							
	G.P. Fund	1,525,378									
	C.P. Fund	-	1,525,378	-	1,147,478						
	TOTAL		82,259,820		52,400,448		TOTAL	82,259,820			52,400,448

**Compiled on the basis of books of accounts Produced before us.
For SUNDER SHARMA & CO.**

CHARTERED ACCOUNTANTS

Sd/-

**SUNDER KUMAR SHARMA
PARTNER**

Sd/-

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

Sd/-

**UMAKANT AGARWAL
REGISTRAR**

Sd/-

**PROF. DR. P.S.N. RA
DIRECTOR**

PLACE: NEW DELHI

DATE: 10th August, 2020

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
FINANCIAL YEAR 2019-20
STATUS OF FD (SPA Main) INVESTMENT AS ON 31st March, 2020

SL.NO.	FDR No./A/C No.	Classification	BANKER	MATURITY AMT.	DATE OF MATURITY	INVESTMENT DATE	Period	Rate of Intt.	INVESTMENT AMOUNT	IN FAVOUR OF	ACCRUED INTEREST
1	50510464813	Main SPA	Allahabad Bank	12,799,219.00	10/01/2021	10/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,58,142.00
2	50510863363	Main SPA	Allahabad Bank	12,799,219.00	12/01/2021	12/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,54,286.10
3	50510893842	Main SPA	Allahabad Bank	12,799,219.00	13/01/2021	13/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,52,357.40
4	50514462176	Main SPA	Allahabad Bank	12,799,219.00	06/02/2021	06/02/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,06,425.00
5	50511035588	Main SPA	Allahabad Bank	12,799,219.00	14/01/2021	14/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,50,428.00
6	50511286102	Main SPA	Allahabad Bank	12,799,219.00	15/01/2021	15/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,48,500.00
7	50511564034	Main SPA	Allahabad Bank	12,799,219.00	16/01/2021	16/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,46,571.30
8	50511651213	Main SPA	Allahabad Bank	12,799,219.00	16/01/2021	16/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,46,571.30
9	50511885741	Main SPA	Allahabad Bank	12,799,219.00	17/01/2021	17/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,44,642.00
10	50512034720	Main SPA	Allahabad Bank	12,799,219.00	18/01/2021	18/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,42,713.00
11	50512739345	Main SPA	Allahabad Bank	12,799,219.00	23/01/2021	23/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,33,071.30
12	50512908509	Main SPA	Allahabad Bank	12,799,219.00	24/01/2021	24/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,31,142.00
13	50513432630	Main SPA	Allahabad Bank	12,799,219.00	30/01/2021	30/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,19,571.30
14	50513580134	Main SPA	Allahabad Bank	12,799,219.00	31/01/2021	31/01/2020	1 Year	6.50%	12,000,000.00	S.P.A. Fee A/c.	1,18,950.30
				179,189,066.00					168,000,000.00		19,53,371.00

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
FINANCIAL YEAR 2019-20
STATUS OF FD INVESTMENT (Endowment Fund) AS ON 31st March,2020

Sl.No.	FDR No./A/C No.	Classification	BANKER	MATURITY AMT.	DATE OF MATURITY	INVESTMENT DATE	Period	Rate of Intt.	INVESTMENT AMOUNT	IN FAVOUR OF	ACCRUED INTEREST
1	18200310062524	ENDOWMENT FUND	UCO BANK	286,581.00	13/04/2020	13/04/2019	1 Year	6.60%	268,422.00	J.K. Choudhary Endowment Fund	17,516.03
2	50491028230	ENDOWMENT FUND	Allahabad Bank	42,877.00	11/06/2020	11/06/2019	1 Year	6.75%	40,101.00	Narendra Juneja Endowment Fund	2,004.00
3	50491112394	ENDOWMENT FUND	Allahabad Bank	71,471.00	11/06/2020	11/06/2019	1 Year	6.75%	66,844.00	Narendra Juneja Endowment Fund	3,340.00
4	50491025002	ENDOWMENT FUND	Allahabad Bank	142,928.00	11/06/2020	11/06/2019	1 Year	6.75%	133,674.00	Shreya Anand Endowment Fund	6,680.00
5	50491024778	ENDOWMENT FUND	Allahabad Bank	17,151.00	11/06/2020	11/06/2019	1 Year	6.75%	16,041.00	Ved Prakash Memorial Scholarship	801.00
6	50490963898	ENDOWMENT FUND	Allahabad Bank	42,877.00	11/06/2020	11/06/2019	1 Year	6.75%	40,101.00	Vandana Goyal Endowment Fund	2,004.00
7	50490963876	ENDOWMENT FUND	Allahabad Bank	14,291.00	11/06/2020	11/06/2019	1 Year	6.75%	13,366.00	Vandana Goyal Gold Medal	667.00
8	50490961948	ENDOWMENT FUND	Allahabad Bank	5,000.00	11/06/2020	11/06/2019	1 Year	6.75%	4,676.00	Nomi Bose Memorial Award	234.00
9	50491112430	ENDOWMENT FUND	Allahabad Bank	28,587.00	11/06/2020	11/06/2019	1 Year	6.75%	26,736.00	M.R. Agnihorti Endowment Fund	1,336.00
10	50491112441	ENDOWMENT FUND	Allahabad Bank	85,767.00	11/06/2020	11/06/2019	1 Year	6.75%	80,214.00	T. J. Manikam Memorial Award	4,009.00
11	50491112418	ENDOWMENT FUND	Allahabad Bank	142,942.00	11/06/2020	11/06/2019	1 Year	6.75%	133,687.00	S.K. Narayana Endowment Fund	6,681.00
12	50491112407	ENDOWMENT FUND	Allahabad Bank	71,471.00	11/06/2020	11/06/2019	1 Year	6.75%	66,844.00	L.R. Vagale & Gouramma Vag Award	3,340.00
13	50491028161	ENDOWMENT FUND	Allahabad Bank	12,568.00	11/06/2020	11/06/2019	1 Year	6.75%	11,754.00	Subhash Paranjape Memorial Award	587.00
14	18200310038055	ENDOWMENT FUND	UCO BANK	17,657.00	27/06/2020	27/06/2019	1 Year	6.60%	16,538.00	Krishna Saini Endowment Fund	849.00
15	18200310041093	ENDOWMENT FUND	UCO BANK	31,228.00	28/05/2020	19/07/2019	314 days	6.35%	29,618.00	Krishna Saini Endowment Fund	1,319.61
16	3564959496	ENDOWMENT FUND	CBI, Vikas Minar	100,000.00	09/09/2020	09/09/2019	1 Year	6.60%	100,000.00	SPA Vandana Goyal Award	1,112.00
17	18200310098912	ENDOWMENT FUND	UCO BANK	284,410.00	29/11/2020	29/11/2019	1 Year	6.30%	267,176.00	SPA Abhijit De Design Award	5,768.02
18	50511662225	ENDOWMENT FUND	Allahabad Bank	102,538.00	22/01/2025	22/01/2020	5 year	6.25%	75,200.00	SPA M R Agnihorti Award	813.00
19	50506824540	ENDOWMENT FUND	Allahabad Bank	273,051.00	07/12/2024	07/12/2019	5 year	6.25%	200,252.00	SPA P C Jain Gold Medal Award	3,592.00
20	50504899183	ENDOWMENT FUND	Allahabad Bank	409,062.00	11/11/2024	11/11/2019	5 year	6.25%	300,000.00	SPA Siddharth Kitchliya Award	6,598.00
	TOTAL			2,182,457.00					1,891,244.00		69,251.00

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
FINANCIAL YEAR 2019-20
STATUS OF FD (GPF/CPF Fund)) INVESTMENT AS ON 31st March, 2020

SL.NO.	FDR No./A/C No.	Classification	BANKER	MATURITY AMT.	DATE OF MATURITY	INVESTMENT DATE	Period	Rate of Intt.	INVESTMENT AMOUNT	IN FAVOUR OF	ACCRUED INTEREST
1	18200310060612	G.P. FUND A/C.	UCO BANK	6,110,330.00	10-02-21	10/02/2020	1 Year	6.60%	5,740,072.00	G.P. FUND A/C.	49,795.03
2	50494957372	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	15/07/2020	15/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	3,95,276.00
3	50494811887	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	12/07/2020	12/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	3,99,936.00
4	50494811956	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	12/07/2020	12/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	3,99,936.00
5	50494624069	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	11/07/2020	11/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	4,01,489.00
6	50494456933	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	11/07/2020	11/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	4,01,489.00
7	50494456944	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	10/07/2020	10/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	4,03,042.00
8	50493733635	G.P. FUND A/C.	Allahabad Bank	9,623,051.00	10/07/2020	10/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	4,03,042.00
9	50493733715	G.P. FUND A/C.	Allahabad Bank	9,000,000.00	04/07/2020	04/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	-
10	50493778098	G.P. FUND A/C.	Allahabad Bank	9,000,000.00	04/07/2020	04/07/2019	1 Year	6.75%	9,000,000.00	G.P. Fund A/c.	-
11	18200310056981	G.P. FUND A/C.	Allahabad Bank	9,786,312.00	02/02/2021	02/02/2020	1 Year	6.45%	9,264,402.00	G.P. Fund A/c.	95,424.08
12	50477779433	G.P. FUND A/C.	UCO BANK	3,864,191.00	10-10-20	10-10-19	1 Year	6.5%	3,622,900.00	G.P. Fund A/c.	1,13,732.61
13	5047777946	G.P. FUND A/C.	Allahabad Bank	5,306,544.00	02/02/2021	03/02/2020	1 Year	6.75%	5,023,543.00	G.P. Fund A/c.	51,742.93
14	50477209746	G.P. FUND A/C.	Allahabad Bank	3,032,310.00	02/02/2021	02/02/2020	1 Year	6.45%	2,870,596.00	G.P. Fund A/c.	29,566.56
15	5047209746	G.P. FUND A/C.	Allahabad Bank	5,307,266.00	29/01/2021	29/01/2020	1 Year	6.50%	5,021,623.00	G.P. Fund A/c.	55,718.46
16	50510357346	G.P. FUND A/C.	Allahabad Bank	12,799,219.00	11/01/2021	11/01/2020	1 Year	6.50%	12,000,000.00	G.P. Fund A/c.	1,56,213.00
17	50513374880	G.P. FUND A/C.	Allahabad Bank	12,799,219.00	29/01/2021	29/01/2020	1 Year	6.50%	12,000,000.00	G.P. Fund A/c.	1,21,500.00
18	50513433032	G.P. FUND A/C.	Allahabad Bank	6,399,610.00	30/01/2021	30/01/2020	1 Year	6.50%	6,000,000.00	G.P. Fund A/c.	59,786.00
19	50513580214	G.P. FUND A/C.	Allahabad Bank	6,399,610.00	31/01/2021	31/01/2020	1 Year	6.50%	6,000,000.00	G.P. Fund A/c.	59,474.00
20	50513580305	G.P. FUND A/C.	Allahabad Bank	2,133,202.00	31/01/2021	31/01/2020	1 Year	6.50%	1,999,999.00	G.P. Fund A/c.	19,825.00
21	50513559055	G.P. FUND A/C.	Allahabad Bank	2,133,202.00	30/01/2021	30/01/2020	1 Year	6.50%	1,999,999.00	G.P. Fund A/c.	19,928.00
	TOTAL			161,432,372.00					152,543,134.00		36,36,915.67

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
BALANCE SHEET AS ON THE 31ST MARCH 2020**

PREVIOUS YEAR	LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
1,45,74,372	Unspent Balance of Projects (As per Annexure-I Enclosed)	1,57,02,556	17,986	Fixed Assets	17,986
36,39,422	Project Receipts Pending for Allocation	39,279,979	-	Furniture	30,382
			24,576	HP –Desktop Computer	<u>24,576</u>
				HP Laser Jet Printer	72,944
	School/Institute's Share from Consultancy Fund			Investment in Fixed Deposits	
	Opening Balance		77,36,225	FDR with UCO Bank	82,59,593
	Addition during the year		1,45,00,000	FDR with Central Bank	<u>1,53,89,979</u>
	Less : Transferred to School Share Distribution, Concern Department, PDF & Administrative Expenses	(1,13,93,149)			
-					2,36,49,572
12,74,901	School Share Distribution			Current Assets & Loans & Advances	
	Opening Balance		9,30,310	Accrued Interest	41,36,370
	Add: Transferred from Consultancy Fund		29,63,709	TDS Receivable	46,828
	Less: Transfer to School Main Account	(72,74,901)	97,627	GST Input	<u>68,390</u>
			70,803	GST TDS Credit	42,51,588
88,00,824	Concerned Department/ Centre			Bank Balance	
	Opening Balance		2,46,92,285	State Bank of India S/B A/c No. 10310544230	2,99,06,747
	Add: Transferred from Consultancy Fund		12,96,390	Central Bank of India S/B. A/c No.3406523203	<u>12,95,715</u>
	Less : Paid during the Year	(4,38,117)			3,12,02,463
38,59,544	Personal Development Fund (PDF) Consultants				
	Opening Balance				
	Add: Transferred from Consultancy Fund				
	Less : Paid during the Year	(5,81,230)			
5,19,636	Administrative Expenses fund				
	Opening Balance				
	Add: Transferred from Consultancy Fund				
	Less : Paid during the Year	(5,19,636)			
		5,69,657			

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
BALANCE SHEET AS ON THE 31ST MARCH 2020**

PREVIOUS YEAR	LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
1,94,40,445	Surplus Opening Balance Add: Income during the year (Annexure-1 Attached) <u>1,94,40,445</u> 25,18,099 2,19,58,544				
	Less : Expenses incurred during the year (Annexure-2 Attached) <u>(4,47,858)</u>	2,15,10,687			
1,80,774 39,993	Duties & Taxes GST Payable T.D.S Payable <u>9,53,174</u> <u>48,000</u>	10,01,174			
5,23,29,911	Total	5,91,76,567	5,23,29,911	Total	5,91,76,567

Notes forming part of books accounts are integral part of Balance sheet

Compiled on the basis of books of accounts Produced before us.

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

CA. SUNDER KUMAR SHARMA
PARTNER
UDIN: 20087495AAAAAM7085

PROF.DR. SANJUKTA BHADURI
DEAN (R)

UMAKANT AGARWAL
REGISTRAR

PROF. DR. P.S.N. RAO
DIRECTOR

PLACE : NEW DELHI
DATE: 10TH AUGUST, 2020

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
RECEIPT AND PAYMENT ACCOUNTS FOR THE PERIOD 01.04.2019 TO 31.03.2020**

PREVIOUS YEAR	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR
			3,52,26,352	Payment/Adjustment during the year as per Annexure enclosed	3,72,99,269
2,80,76,781	Opening Balance		1,05,82,574	School Share	1,13,93,149
18,03,688	- State Bank of India (SB A/c No.10310544230)	2,46,92,285	4,53,012	Administrative expenses	4,47,858
	- Central Bank of India (S.B. A/c No.3406523203)	12,96,390	5,13,566	Administrative Expenses for Supporting Staff	5,19,636
3,60,78,229	Receipts during the Year as per Annexure Enclosed	3,74,92,387	5,00,012	T.D.S Receivable	11,72,661
1,05,82,547	School Share	1,13,93,149	62,41,980	School Share distribution	72,74,901
24,18,675	Bank Interest from S/B & F.D.R's A/c	25,18,099	7,83,070	TDS	6,29,675
5,19,636	Administrative Expenses for Supporting Staff	5,69,657	-	Project Receipts Pending for Allocation	7,85,519
5,00,012	Project Receipts Pending for Allocation	10,74,076	67,93,307	Goods & service tax	60,01,151
72,74,901	School Share Distribution	79,75,204	2,96,635	P. D.F Consultants	5,81,230
8,19,879	TDS	6,37,682	3,05,238	Concerned Department/Centre	4,38,117
59,77,156	Goods & service tax	68,26,764	80,00,000	F. D.R's With Central Bank of India	8,89,979
10,67,545	P.D.F Consultants	11,39,315	4,83,071	F. D.R's With UCO Bank	5,23,369
15,58,907	Concerned Department/Centre	17,08,973	-	Miscellaneous Receipts	13,15,200
	Miscellaneous Receipts	13,15,200	9,30,310	Interest Accrued on F.D.R's with Bank	-
			24,576	HP Laser Jet Printer	-
			-	HP- Desktop Printer	30,382

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
RECEIPT AND PAYMENT ACCOUNTS FOR THE PERIOD 01.04.2019 TO 31.03.2020**

PREVIOUS YEAR	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR
4,44,394	Interest Accrued on F.D.R's with Bank Adjustment of Project during the Year as per Annexure Enclose	9,30,310 9,35,066	2,46,92,285 12,96,390	Closing Balance State Bank of India (SB A/c No.10310544230) Central Bank of India (S.B. A/c No.3406523203)	2,99,06,747 12,95,715
9,71,22,351		10,05,04,558	9,71,22,351		10,05,04,558

Notes forming part of books accounts are integral part of Balance sheet

Compiled on the basis of books of accounts Produced before us.

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

CA. SUNDER KUMAR SHARMA
PARTNER
UDIN: 20087495AAAAAM7085

PROF.DR. SANJUKTA BHADURI
DEAN (R)

UMAKANT AGARWAL
REGISTRAR

PROF. DR. P.S.N. RAO
DIRECTOR

PLACE : NEW DELHI
DATE: 10TH AUGUST, 2020

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT**

Annexure-1

Income incurred during the year 2019-20

S.No.	Particulars	(Amount Rs.)
1	Interest on F.D.R.'s Saving A/c (Received)	25,18,099
	Grand Total	25,18,099

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT**

Annexure-2

Other Administrative Expenses incurred during the year 2019-20

S.No.	Particulars	(Amount Rs.)
1	Audit Fee	1,10,000
2	Bank Charges	974
3	Interest on Late Payment of GST A/C	205
4	Printing & Stationary, Computer Maintenance	29,114
5	Administrative expenses	3,07,565
	Grand Total	4,47,858

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
UNSPENT BALANCE AS ON 31ST MARCH, 2020 UNDER PROJECT ACCOUNT**

S. No.	Name of the Projects	Name of the Project Coordinator	Unspent Balance as on 01-04-2019	Receipt during the Year 2019-2020	Adjustment/ Input Credit of GST during the Year 2019-2020	Total	Payment/ Adjustment during the Year 2019-2020	Unspent Balance as on 31-03-2020
1	Numaligarh Refinery Ltd.	Prof. Dr. P.S.N Rao	1,33,176	8,22,826	1,57,464	11,23,466	9,31,414	1,92,052
2	NERIE, Shilong	Prof. A.K. Maitra (Retd.)	2,56,224	-	-	2,56,224	-	2,56,224
3	Study on Re-Development of Traditional Old Build-up Areas	Prof. A.K. Maitra (Retd.)	57,364	-	-	57,364	-	57,364
4	Indian School of Mines, Dhanbad	Prof. A.K. Maitra (Retd.)	28,845	-	-	28,845	-	28,845
5	IIT Jaipur Project	Prof. Anil Dewan	97,408	-	-	97,408	-	97,408
6	IIT Kanpur Project	Prof. Manoj Mathur	-	6,42,000	6,000	6,48,000	4,59,182	1,88,818
7	National School of Drama, NSD's Re-Developments Project	Prof. Annavva Das Gupta	22,35,516	-	-	22,35,516	-	22,35,516
8	Rejuvenation of Water Bodies, Delhi Cantonment Area Project	Prof. Y. K. Jain	2,98,235	-	-	2,98,235	2,94,025	4,210
9	Comprehensive improvement & Drainage & Sewerage System, Delhi Cantt. Project	Prof. Y. K. Jain	9,52,050	-	-	9,52,050	8,88,227	63,823
10	Shri Mata Vaishno Devi Shrine Board Project	Prof. (Dr.) Mandeep Singh	5,93,223	-	-	5,93,223	5,93,223	-
11	Master Plan of Gogamukh, NHPC Project	Prof. (Dr.) R. Biswas	1,05,236	9,11,420	23,650	10,40,306	7,58,590	2,81,716
12	Kendriya Vidyalaya Sangathan Project	Prof. Anura Kamani Grover	1,688	-	-	1,688	-	1,688
13	India Post Payments Bank Ltd. Project	Prof. (Dr.) Mandeep Singh	(40,000)	4,000	-	-	-	-
14	Dept. of Rural Development and Panchayati Rajasathan, RURBAN MISSION	Prof. Dr. Ashok Kumar	8,95,393	-	-	8,95,393	8,03,830	91,563
15	Baddi Barotiwala Nalagarh Dev. Auth. Project	Prof. Dr. Mayank Mathur	3,73,654	1,41,600	-	1,78,965	11,64,973	6,24,681
16	Master Plan for Mount Abu Eco-Centre Zone Project	Prof. Dr. Meenakshi Dhote	40,285	-	-	40,285	-	40,285
17	RURBAN MISSION BENCHMARK Project	Prof. Dr. Ashok Kumar	4,42,610	-	-	4,42,610	4,42,610	-
18	RURBAN MISSION - Haryana Project	Prof. Dr. Ashok Kumar	1,68,009	-	-	1,68,009	97,122	70,887
19	RURBAN MISSION - Uttar Pradesh Project	Prof. Dr. Ashok Kumar	21,32,870	-	-	21,32,870	12,86,797	8,46,073
20	Tourism UP Pro-poor Tourism Development Project	Prof. Dr. Meenakshi Dhote	9,36,422	13,75,085	25,945	23,37,452	16,93,627	6,43,825
21	Ashok B Lall Architects Project	Ms. Aditi Singh	73,710	-	-	73,710	73,710	-
22	Comp/Ref/Commission of India Project	Prof. Dr. Mandeep Singh	-	6,37,200	-	6,37,200	6,37,200	-
23	CPWD, Vigyan Bhawan Project	Prof. Dr. Mandeep Singh	68,867	1,26,000	-	1,94,867	1,94,867	1,68,254
24	Electrical Cremanation at URI Delhi Cantt. Project	Prof. Annavva Das Gupta	24,710	7,89,385	29,456	8,43,551	6,75,297	1,64
25	Heritage Impact Assessment and Preparation of Report for Re-development of Jamia Hamdard University Project	Ms. Anuradha Chaturvedi	2,34,000	2,12,400	-	4,46,400	4,46,236	2,95,288
26	Heritage Impact Assessment Study of the Delhi Gurugram-Riwani-SNB RRTS Corridor in NCT of Delhi Area Project	Ms. Anuradha Chaturvedi	5,60,560	12,50,480	21,560	18,32,600	15,37,312	(88,500)
27	HSIL Ltd. Project	Mr. Parag Anand Meshram	-	-	49,500	49,500	1,08,000	6,19,287
28	O.N.G.C (Vadodara) Project	Prof. Dr. P.S.N Rao	6,19,287	-	-	6,19,287	-	7,64,750
29	PWD Govt. of Maharashtra Project (New Delhi)	Prof. Dr. P.S.N Rao	7,64,750	-	-	7,64,750	-	123
30	Re-Development of Bhavishya Nidhi Enclave Malviya Nagar Project	Ms. Anuradha Chaturvedi	13,918	20,709	-	34,627	34,504	11,31,955
31	Shri Mata Vaishno Devi Shrine Board, Durga Bhawan Project	Prof. Dr. Mandeep Singh	75,500	48,58,800	61,800	49,93,100	38,61,145	18,000
32	Structural Safety Audit of LHMIC Hospital Building Project	Prof. Y. K. Jain	4,81,000	8,58,400	14,800	13,54,200	13,36,200	3,78,417
33	Verification Audit for PwDs Facilities in and around Selected Railway Station Project	Prof. Dr. Ashok Kumar	19,16,862	40,70,263	-	59,87,125	52,48,708	2,80,280

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
UNSPENT BALANCE AS ON 31ST MARCH, 2020 UNDER PROJECT ACCOUNT**

34	Augmentation/Alteration to Outer Landscaping and Premises at DUV Vasant Kunj, ONGC Project	Ms. Aarti Grover	-	5,01,600	8,800	5,10,400	2,30,120	9,18,304
35	CMP Dwarka K-II Zobe DDA Project	Prof. Dr. Sanjay Gupta	-	19,41,840	33,480	19,75,320	10,57,016	2,22,950
36	Delhi Cantonment Chitrakoot Guest House Project	Prof. Aruna Ramani Grover	-	4,06,000		40,600	1,83,050	41,681
37	Delhi Pollution Control Committee Project	Prof. Dr. Meenakshi Dhote	-	74,385	1,282	75,667	33,986	3,367
38	Design of Public Facilities Complex, Wadala Project	Mr. Parag Anand Meshram	-	-	3,367	3,367		52,000
39	DLF Southern Town Ltd. Kakanad Project	Prof. (Dr.) Mandeep Singh	-	-	52,000	52,000		7,81,524
40	Gurugram Metropolitan Development Project	Prof. Dr. Sanjay Gupta	-	15,13,988	34,408	15,48,396	7,66,872	2,92,500
41	Indian Medical College Project	Prof. V.K. Paul	-	5,40,000		5,40,000	2,47,500	6,20,500
42	Irrigation Works Circle, Rishikesh Project	Prof. Manoj Mathur	-	14,63,000		14,63,000	8,42,500	
43	Irrigation Works Circle, Mayapur Haridwar Project	Prof. Manoj Mathur	-	3,54,000		3,54,000		
44	Kavikulgum Kalidas Sanskrit University Project	Prof. Dr. P.S.N Rao	-	34,22,000		34,22,000	34,22,000	16,18,655
45	Namami Gange Programme Project	Prof. Dr. Meenakshi Dhote	-	43,95,336	61,906	44,57,242	28,38,587	2,14,500
46	National Institute of Tuberculosis and Respiratory Disease	Prof. V.K. Paul	-	3,93,000		3,93,000	1,78,500	3,02,966
47	NCRTC Project	Prof. Dr. Sanjay Gupta	-	5,40,678	9,322	5,50,000	2,47,034	2,59,935
48	Oil India Project	Prof. Dr. Sanjukta Bhaduri	-	-	2,59,935	2,59,935		
49	Rashtriya Sanskrit Santham, Agartala Project	Prof. Dr. P.S.N Rao	-	9,91,200		9,91,200	9,91,200	
50	Rashtriya Sanskrit Santham Campus, at Mumbai	Prof. Dr. P.S.N Rao	-	9,91,200		9,91,200	9,91,200	
51	Rashtriya Sanskrit Santham, Himanchal Pradesh Project	Prof. Dr. P.S.N Rao	-	9,91,200		9,91,200	9,91,200	1,23,941
52	Rural Electrification Cpr. Township Gurgaon Project	Prof. V.K Paul	-	2,24,576	4,238	2,28,814	1,04,873	2,00,000
53	Safety Audit for AIMS-Patna Bihar Project	Prof. V.K Paul	-	2,00,000		2,00,000		28,937
54	Shri Mata Vaishno Devi Shrine Board (Equipment)	Prof. (Dr.) Mandeep Singh	-	-	28,937	28,937		
55	Skywalk CPWD Project	Prof. Dr. Sewa Ram	-	4,35,416	8,216	4,43,632	2,03,332	2,40,300
56	Toolkit Urban Freight Tpt. Project	Prof. Dr. Sanjay Gupta	-		39,000	39,000		39,000
57	Redevelopment of ITPO Complex at Pragati Maidan Project	Prof. Anil Dewan	-	1,08,000		1,08,000	49,500	58,500
	Total (Rs.)		1,45,74,372	3,74,92,387	9,35,066	5,30,01,825	3,72,99,269	1,57,02,556

PROF. DR. SANJUKTA BHADURI
Dean (R)

UMAKANT AGARWAL
REGISTRAR

PROF. DR. P.S.N. RAO
DIRECTOR

NOTES FORMING PART OF ACCOUNTS OF SPA CONSULTANCY CELL

1. The Annual Accounts of Consultancy Cell have been prepared on the basis of consultancy Rules prescribed by the Ministry of HRD.
2. Accounts have been prepared on the basis of Cash basis of Accounting.
3. As per practice the advance given to Project Coordinator for project activities have been directly deducted from project fund received & balance is shown as unspent Balances of liabilities side.
4. The interest received on FDR's and Saving Bank for RS.25, 18,099/- . The Consultancy Cell has also deducted Rs 4, 47,858/- from this Surplus account for the expenses incurred during the year.
5. The Consultancy receipts under different projects have been shown on the basis of net of Tax Deducted at Source. Tax deducted on Projects has been shown as "Project Receipt pending for Allotment".
6. Goods and service tax liability is assumed at the time when payment is received from the project.
7. Separate Cash Book and Books of Accounts have been maintained for Consultancy Fund.
8. Figures are rounded off to the nearest rupees.
9. Figures of the previous year have been regrouped/ rearranged and recasted wherever considered necessary.
10. Notes are annexed to and from an integral part of the Balance Sheet as at 31-03-2020 and the Receipts and payments for the year ended on that date.

**For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS**

Sd/-
SUNDER KUMAR SHARMA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

Sd/-
PROF. DR. P.S.N. RAO
DIRECTOR

PLACE: NEW DELHI

DATE: 10th August, 2020

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF THE FINANCIAL ACCOUNTS FOR THE
YEAR ENDED 31-03-2020
SCHEDULE -19 SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF ACCOUNTS

The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

2. REVENUE RECOGNITION

The recognition of the revenue should be on accrual basis. However, the school has not followed the accrual system of accounting policy, as except Interest on FDRS 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 biased on the present market value and the physical condition of the asset. They are set-up by credit to Fixed Asset Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.3 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the School, are setup by credit to Capital Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates

S. No.	Nature of asset	Rate of depreciation
1.	Land	0%
2.	Site Development	0%
3.	Building	2%
4.	Office Equipment	7.5%
5.	Computer & peripherals	20%
6.	Furniture, Fixtures & Fittings	7.5%
7.	Vehicles	10%
8.	Library books & Scientific Journals	10%

3.5 Depreciation will be charged for the full year in the year of acquisition of the relevant assets. Where an asset is fully depreciated, it will be carried at a residual value of Rs. 1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additions of each year separately at the rate of depreciation applicable for that asset head.

3.6 Depreciation for the year on fixed assets of the school has been debited to Fixed Assets/Building Fund in consistent with the fund-based accounting.

4. STOCKS

No valuation of inventory of closing stock at the end of the financial year is made on account of purchases made of chemicals, glassware, publications, stationery and other stores. All the purchases of these items are recognised as revenue expenditure.

5. RETIREMENT BENEFITS

Liabilities towards retirement benefits i.e., Pension, Gratuity and Leave Encashment of Employees are not necessary in view of recurring grant towards Non Plan which includes amount payable to employees who retires and includes pension for retired eligible employees for the grant period. Pension contribution received in respect of SPA's employees on deputation is credited to the Provision for Pension Account. Other retirement benefits viz. Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home Town on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year).

6. INVESTMENTS

All the investment has been made in the farm of Fixed Deposits in bank. No other types of investment are with the School .

7. EARMARKED ENDOWMENT FUNDS

Earmarked Funds are long term funds earmarked for specific purposes. These funds have also been invested in term deposits with banks. The incomes from investments are booked on accrual basis. The expenditures on the objectives of the funds are debited to the funds. The balances in the funds are carried forward and represented on the assets side by the balance at bank, Investments and accrued interest under the head of current assets.

7.1 CORPUS FUND

- a) Corpus fund was established in 2013-14. The Executive Council of School has approved to transfer a certain percentage of the amount received from Consultancy and DASA fees (i.e. 20% of Consultancy school share and 50% of DASA fees received from students.
- b) The Income from investments of the fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants Commission and the Executive Council of the School from time to time. The balance in the Corpus Fund which is carried forward is represented by the balance in Saving Bank Account, Fixed Deposits with the Bank and Accrued interest on investments.

7.2 FIXED ASSET /BUILDING FUND

The School maintains a separate Fixed Asset/Building Fund for purchase assets. The Capital Grant received is added to this fund and the depreciation on fixed assets during the year are also deducted from this fund. The assets created out of this Fund are merged with the assets of the School.

7.3 ENDOWMENT FUNDS

Endowment Funds are funds received from various individual Donors, Trusts and other organizations, for establishing Chairs and for Medals & Prizes, as specified by the Donors. Each of the Endowment funds has its own investment. The income from investment of each Endowment Fund is added to the Fund. The expenditure on Chairs, Medals & Prizes is debited to the respective Endowment Funds and the balance is carried forward.

7.4 INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS

To the extent not immediately required for expenditure, the amount available against such funds are invested in fixed deposit with bank, leaving the balance

in Saving Bank Accounts.

Interest received, Interest accrued and due and interest accrued but not due on such investments are added to the respective funds and not treated as income of the School except the Fixed Asset & Building Fund.

8. GOVERNMENT GRANTS

- 8.1 Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable in Fund in Transit.
- 8.2 Government Grants of capital nature are recognised on accrual basis and shown as capital grants under Fixed Assets /Building Fund in consistent with fund based accounting.

9. SPONSORED PROJECTS

- 9.1 In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions-Current Liabilities - Other grant, Faculty deposits & Sponsored projects". As and when expenditure is incurred/advances are paid against such projects, or the concerned project account is debited with allocated overhead charges, the liability account is being debited.
- 9.2 Various Scholarship/Fellowship has been received by the school from the various organisation. These are accounted in the same way as Sponsored Projects except that the expenditure generally is only on disbursement of Scholarship and Fellowship, which may include allowances for contingent expenditure by the fellows and scholars.

10 INCOME TAX

The school is exempt under Section 10(23C) (iii ab) of the Income Tax Act, 1961 and accordingly, no provision for income tax is made in the books of accounts.

SCHEDULE - 20 CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

A CONTINGENT LIABILITIES

1. CONTINGENT LIABILITIES

As on 31st March 2020, there are 15 cases are filed against the School by former/ present employees, tenants and contractors and arbitration cases with contractors were pending for decisions. The suits filed by employees were establishment- related viz. promotions, increments, pay scales, termination etc. The quantum of the claims is not ascertainable.

B NOTES TO ACCOUNTS

School of Planning and Architecture is an Institution of “National Importance” under an Act of Parliament and is fully financed by the Ministry of HRD, 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. 1,17,86,115 is made during the financial year 2019-20.

1.2 Fixed assets as set out in Schedule 4 do not include assets purchased out of funds of sponsored projects, held and used by the institution, as project contracts include stipulations that all such assets purchased out of the project’s funds will remain the property of the sponsors.

2. Endowment Fund

2.1 In some of the cases endowment funds are having debit balances from the previous years due to excess amount incurred by the school on these funds.

2.2 During the year School has not received any amount as endowment fund.

3. Deposits /Current Liabilities

3.1 The amount outstanding as Earnest Money Deposits and Security Deposits

is of Rs. 33, 98,450 and Rs. 27, 66,251 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. 35,916 and Rs 2, 11,913 pertaining to the Financial year 2019-20 and 2018-19 respectively 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 3,52,818/- 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 Prepaid Expenses

During the year 2010-11, school has made a lump sum payment at Rs 49,63,500 to Mahanagar Telecom Limited (MTNL) of Internet link for 10 years and such prepaid expenditure has been written off to income & Expenditure Account over the period of agreement i.e. expenditure will be spread over the period of 10 years.

6 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 Human Resource Development, 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.

7 Capital Grant

During the year, School has received Capital Grant amounting to Rs 2,00,00,000 from Ministry of Human Resource Development for creation of capital assets which is shown as Fund under the head of Fixed Assets & Building Fund in the Schedule -2 of the financial statements.

8 GPF/CPF Investment

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/CPE A/c's is calculated on 31st March of the Financial Year and is credited to GPF/CPE A/c. The investment of GPF/CPF contribution is made in the form of KDR/FDRs/TDRs with the UCO Bank, Allahabad Bank, ICICI Bank and Canara Bank at the prevailing rate of interest. As per the previous policy of the School the interest received on GPF/CPF investment is transferred to School main account as no separate Income and Expenditure account is maintained for GPF/CPF.

However in order to comply with the revised format issued by the Ministry the School has prepared the separate Income and Expenditure Account of GPF/CPF along with the Receipt and payments account and Balance Sheet.

9. 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 accounts has been closed.

10 Miscellaneous

10.1 Figures are rounded off to the nearest rupees.

10.2 As per the advice of the CAG Audit team the School has not merged the accounts of GPF/CPF with the School accounts.

10.3 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.

10.4 Schedule 1 to 20 are annexed to and form an integral part of the Balance Sheet as at 31-03-2020 and the income and Expenditure account for the year ended on that date.

**For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS**

Sd/-
SUNDER KUMAR SHARMA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

Sd/-
PROF. DR. P.S.N. RAO
DIRECTOR

PLACE: NEW DELHI

DATE: 10th August, 2020

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the School of Planning and Architecture, New Delhi for the year ended 31 March 2020

1. We have audited the attached Balance Sheet of the School of Planning and Architecture (SPA) New Delhi as at 31 March 2020 and the Income & Expenditure Account/Receipts & Payments Account for the year ended on that date under section 19(2) of the Comptroller & 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 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 & 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, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
- 4 **Based on our audit, we report that:**
 - i. We have obtained all the information and explanations, subject to the observations in the report, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - ii. The Balance Sheet and Income & Expenditure Account/Receipts and Payments Account dealt with by this report have been drawn up in the format prescribed by the Ministry of Education, Government of India except as stated in the report.

- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the School of Planning and Architecture 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 Fund (Schedule 2)-Rs. 27.10 crore

- (i) The school is maintaining a separate Fixed Asset/Building Fund and routing all the capital grant received and utilization thereof through Schedule 2 (Designated/Earmarked/ Endowment Fund). To this extent, Corpus/Capital Fund (Schedule 1) and Schedule 2 were not drawn as per the instructions in Format of Accounts prescribed by Ministry of Education. The same has been pointed out in the Separate Audit Report since 2014-15 but rectification has not been done.
- (ii) This has also resulted in routing of unutilized Grant-in-Aid of Rs. 4.64 crore under Designated/Earmarked/Endowment Fund (Schedule 2) instead of Current Liabilities & Provisions (Schedule 3). Consequently, Current Liabilities & Provisions were understood and Designation/Earmarked/Endowment Funds were overstated by 4.64 crore each.
- (iii) The balances in each fund has to be represented by bank balances, investments and interest accrued but not due and these needs to be shown under schedule 2. The same has also not been disclosed in the schedule 2.

A.1.2 Reserves and Surplus (Schedule 1 B)-Rs 2.54 crore

The above represents surplus of income of Rs. 2.54 crore which should have been depicted under “Capital Fund”. This is contravention of format of accounts prescribed by Ministry of Education which state that excess of income over expenditure should be added to the Capital Fund and the excess of expenditure over income should be deducted from the Capital Fund. This is being pointed out since 2016-17 but rectification has not been done.

A.2 Assets

A.2.1 Loans, Advances and Deposits (Schedule 8) -Rs. 5.90 crore

- (i) The above includes departmental advances of Rs. 3.99 crore out of which advances of Rs. 1.96 crore is pending since 2012-13. The advances have neither been adjusted/reconciled even after lapse of 7 years nor any provision for doubtful debts has been created.
- (ii) The above includes claim receivable relating to research project and other receivables of Rs 4.09 lakh which are pending since 2011-12. These needs to be reconciled/recovered written off.

B. General and Contributory Provident Fund Accounts

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 and the details of the same are not available with SPA due to which audit could not verify this amount.

C. Significant Accounting Policies (Schedule 19)

The Significant Accounting Policy No. 5 is in violation of Accounting Standard 15 of ICAI and also 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.

D. Grant-in-aid

During the year 2019-20, the School of Planning and Architecture received grant-in-aid of Ra. 53.90 crore (Recurring: Ra. 51.90 crore and Non-Recurring Rs. 2.00 crore) from the Ministry of Education, of which Rs 3.32 crore (Recurring: Rs.3.2 crore and Non-Recurring Rs. 0.12 crore) was received during March 2019. It had an opening balance of non-recurring grant-in-aid of Rs. 3.82 Crore as on 1 April 2019. The recurring grant-in-aid was fully utilized and from the non- recurring grant-in-aid expenditure of Rs. 1.17 crore was incurred leaving unutilized grant-in-aid of Rs. 4.64 crore as on 31 March 2020.

It also received Rs. 2.69 crore for various project and had Rs. 2.04 crore as unspent balance

of previous year. Out of the total fund of Rs 4.73 crore it utilized Rs. 3.40 crore leaving unutilized balance of Rs. 1.33 crore as on 31 March 2020.

- E. Deficiencies which have been not included in the Audit Report have been brought to the notice of the Director, School of Planning and Architecture, New Delhi 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 and Income and Expenditure Account /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 explanation given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts, and subject to the Significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:
 - (a). In so far as it relates to the Balance Sheet of the state of affairs of the School of Planning and Architecture, New Delhi as at 31 March 2020, and
 - (b). In so far as it relates to the Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the C&AG of India

Sd/-

Director General of Audit

(Home, Education & Skill Development)

Place: New Delhi

Date: 24.02.2021

Annexure Audit Report

1. Adequacy of Internal Audit System

The School neither has any internal audit wing nor has the internal audit been done by the Pay & Accounts Office of Ministry of Education. However the School has appointed a consultant as an Internal Auditor and has also appointed a Chartered Accountant (CA) who is engaged in conducting internal audit of the School on a regular basis and providing his report on quarterly basis.

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.
- Fixed Assets Register not maintained in the proper format as stipulated in General Financial Rules.
- The management response to external audit objections is not effective as 65 paras were outstanding as on 31/3/2020.
- Scrutiny of Bank Reconciliation Statements for the month March, 2020 revealed the following :-
 - (a) Cheques deposited but not cleared by the bank amounting to Rs. 50.64 lakh (pertaining to period Oct. 2015 to March, 2019 of UCO bank A/C 1266). These amounts should be reconciled at the earliest.
 - (b) Amount Credited by bank not taken in cashbook amounting to Rs. 23.06 lakh (Rs 20.61 lakh pertaining to period May, 2010 to March, 2018 of UCO bank A/C 1266 and 2.45 lakh pertaining to month Jan, 2019 of UCO bank foreign a/c no 1848). Thus, amount of Rs. 20.61 lakh has remained out of accounts. Steps should be taken to reconcile this amount.
 - (c) Amount debited by bank not taken in cashbook amounting to Rs. 20.33 lakh (pertaining to period Jan, 2010 to March 2019). Thus, amount of Rs. 20.33 lakh has remained out of accounts. Steps should be taken to reconcile this amount.

3. System of physical verification of assets

- The physical verification of fixed assets including books and Publications has been

conducted up to 2019-20.

4. System of physical verification of inventory

- Physical verification of inventory like stationery and consumables was conducted up to 2019-20.

5. Regularity in payment of dues

- As per the accounts, payment of statutory dues over six months in respect of Delhi Value Added Tax (DVAT) of Rs. 1.79 lakh is pending since April, 2019.



School of Planning and Architecture

*An Institution of National Importance
under an Act of Parliament (Ministry of Education, Govt. of India)*

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