



**School of Planning
and Architecture**
New Delhi

योजना तथा
वास्तुकला विद्यालय
नई दिल्ली

ANNUAL REPORT 2018-19



School of Planning and Architecture

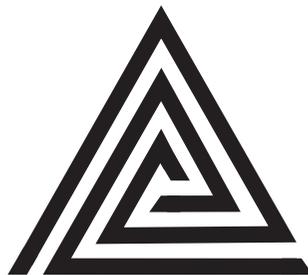
*An Institution of National Importance
under an Act of Parliament (Ministry of HRD, Govt. of India)*

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

www.spa.ac.in

ANNUAL REPORT

2018-19



SCHOOL OF PLANNING AND ARCHITECTURE
An "Institution of National Importance" under an Act of Parliament
(Ministry of Human Resource Development, Government of India)
Indraprastha Estate, New Delhi -110002

PREFACE

The School of Planning and Architecture (SPA) New Delhi is an “Institution of National Importance” under an Act of Parliament, Ministry of Human Resource Development, 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 2018-19. It demonstrates the dedication of the School towards quality education and social responsibilities.

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

Contents

Preface	i
A Brief about SPA New Delhi	1
Research Projects	15
Consultancy Projects	23
Department of Architecture	27
Department of Physical Planning	73
Department of Architectural Conservation	99
Department of Building Engineering and Management	119
Department of Environmental Planning	133
Department of Housing	143
Department of Industrial Design	153
Department of Landscape Architecture	177
Department of Regional Planning	189
Department of Transport Planning	201
Department of Urban Design	221
Department of Urban Planning	231
Internal Quality Assurance Cell	243
Library	245
Documentation-cum-Publication Unit	247
CASS/GIS/ RS	249
Authorities of the School	255
Annual Accounts 2018 - 19	267
Audit Report	317

A BRIEF ABOUT SPA, NEW DELHI

Background

School of Planning and Architecture (SPA) New Delhi has been providing cutting edge architecture, planning and design education as well as research environment in India. The School has a glorious history and has contributed greatly to the work of nation building. It germinated in 1941 in the form of Department of Architecture as a part of Delhi Polytechnic and came into its modern *avatar* in 1959 after merging with the School of Town and Country Planning in Delhi, which itself was established in 1955. Government of India conferred the status of a Deemed University on the School of Planning and Architecture in 1979 recognizing SPA an institution of national eminence. Government of India declared SPA New Delhi as the Institution of National Importance under the School of Planning and Architecture Act, 2014.

Academic Activities

At present, the School offers two graduate programs in architecture and planning, one integrated programme in planning, and 11 postgraduate programs in Urban Planning, Environmental Planning, Regional Planning, Transport Planning, Housing, Urban Design, Landscape Architecture, Architectural Conservation, Industrial Design, and Building Engineering and Management. All departments of studies offer doctoral programmes. Faculty of the School carries out cutting edge research and extension activities.

Research Projects

The School continues to undertake research in the fields of planning and architecture. Current important research projects include Design Innovation Centre funded by MHRD; Water Security and Sustainable Development funded by UKRI; Indo Norway Research Project on Transport Sector, Conservation of Mughal Riverfront Gardens Project in Agra, Indo Highway Capacity Manual, HUDCO Chair and ENVIS Center on Human Settlements.

International Exchanges

The School has signed MOUs with a large number of global universities and research organizations. Several students and faculty from other universities have visited SPA New Delhi for delivering lectures, taking classes, and networking for future academic collaborations. These MOUs have also resulted in joint research publications.

Workshops and Conferences

SPA New Delhi organized a large number of workshops, exhibitions, and conferences and training programs during the period under reporting.

Following courses were conducted by the School during the year 2018-19

S. No.	Name of the Course	Approved Intake	Duration
1.	Bachelor of Architecture	105 +15%*+1**	5 years
2.	Bachelor of Planning	34 +15%* +1**	4 years
3.	Master of Planning (with specialization in Urban Planning)	31	2 years
4.	Master of Planning (with specialization in Regional Planning)	15	2 years
5.	Master of Planning (with specialization in Environmental Planning)	15	2 years
6.	Master of Planning (with specialization in Housing)	23	2 years
7.	Master of Planning (with specialization in Transport Planning)	23	2 years
8.	Master of Architecture (with specialization in Architectural Conservation)	15	2 years
9.	Master of Architecture (with specialization in Industrial Design)	23	2 years
10.	Master of Architecture (with specialization in Urban Design)	20	2 years
11.	Master of Landscape Architecture	23	2 years
12.	Master of Building Engineering and Management	31	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

Number of the Existing Students and Strength, 2018 - 19

SL No.	Name of Course	Ist Year	IInd Year	IIIrd Year	IVth Year	Vth Year	Total
I.	UNDERGRADUATE COURSES						
1	Bachelor of Architecture	120	97	115	96	93	521
2	Bachelor of Planning	35	22	29	38	-	124
II.	POST-GRADUATE COURSES						
1	Master of Planning (with specialization in Urban Planning)	31	32	-	-	-	63
2	Master of Planning (with specialization in Regional Planning)	14	15	-	-	-	29
3	Master of Planning (with specialization in Environmental Planning)	11	14	-	-	-	25
4	Master of Planning (with specialization in Housing)	23	24	-	-	-	47
5	Master of Planning (with specialization in Transport Planning)	23	23	-	-	-	46
6	Master of Architecture (with specialization in Architectural Conservation)	15	17	-	-	-	32
7	Master of Architecture (with specialization in Industrial Design)	23	16	-	-	-	39
8	Master of Architecture (with specialization in Urban Design)	21	23	-	-	-	44
9	Master of Landscape Architecture	21	24	-	-	-	45
10	Master of Building Engineering and Management	29	33	-	-	-	62
III.	PhD Programme	103	-	-	-	-	103
	Grand Total	469	340	144	134	93	1,180

A Summary of Enrollment of the students for the year 2018-19

Courses	Male	Female	Total
Under Graduate	375	270	645
Post Graduate	176	256	432
PhD Programme	40	63	103
Total	591	589	1,180

RESERVATION OF SEATS for Undergraduate and Postgraduate Programmes

Scheduled Castes	(SC) - 15% (intake)
Scheduled Tribes	(ST) - 7.5 % (intake)
Other Backward Class	(OBC) - 27% (intake)
Physically Challenged	(PH) - 05% (reservation is in built in the all above categories)
Armed Personnel (Widows of personnel of Armed/ Para-military Forces killed/ disabled in action during hostilities)	(A.P) - 2 seats 1 each in B.Arch. and Bachelor of Planning Programmes only
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 Architecture stream of PG)

2018-19

ENROLLMENT

Statement showing the number of students enrolled under various reserved categories in Under-Graduate, Post-Graduate and Ph. D. Programmes during the session 2018-19

Courses by level of Education	General		SC		ST		OBC		NRI PIO		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA (Welfare)		CIWG		Total Enrolment (All Categories)	
	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	Boys	Girls
1 Bachelor of Architecture	26	17	13	3	5	3	23	9	2	2	0	1	4	0	1	0	0	0	2	1	2	74	40	114
2 Bachelor of Planning	5	11	1	4	1	2	8	1	0	0	0	0	0	0	0	0	0	0	0	1	0	16	18	34
3 Master of Planning (with specialization in Urban Planning)	2	14	0	4	1	1	1	7	0	0	0	0	1	0	0	0	0	0	0	0	0	5	26	31
4 Master of Planning (with specialization in Regional Planning)	3	5	1	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	6	14
5 Master of Planning (with specialization in Environmental Planning)	1	6	2	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	13
6 Master of Planning (with specialization in Housing)	4	9	1	2	1	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	7	16	23
7 Master of Planning (with specialization in Transport Planning)	8	5	1	2	0	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	12	11	23
8 Master of Architecture (with specialization in Arch. Conservation)	2	6	1	1	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	15
9 Master of Architecture (with specialization in Industrial Design)	4	5	0	3	2	0	3	1	0	0	0	0	0	1	1	0	0	0	0	0	0	10	10	20
10 Master of Architecture (with specialization in Urban Design)	6	6	2	1	1	0	3	3	0	0	0	0	1	0	0	0	0	0	0	0	0	13	10	23
11 Master of Landscape Architecture	5	7	0	2	0	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	6	15	21
12 Master of Building Engineering and Management	8	9	2	2	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	14	15	29
13 PhD Programme	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	17	27
TOTAL	84	117	24	25	11	9	56	41	2	2	0	1	6	1	1	1	0	0	2	2	2	186	201	387

2018-19

	Courses by level of Education	General		SC		ST		OBC		NRI PIO		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA (Welfare)		CIWG		Total
		B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G	
1	UNDER GRADUATE	31	28	14	7	6	5	31	10	2	2	0	1	4	0	0	1	0	0	0	0	2	2	148
2	POST GRADUATE	43	72	10	18	5	4	25	31	0	0	0	0	2	1	1	0	0	0	0	0	0	0	212
3	PHD	10	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27

**STATEMENT SHOWING THE NUMBER OF BOYS & GIRLS PASSED OUT IN VARIOUS COURSES DURING 2017-18
(MAY, 2018)**

Name of the Course	No. of Students Passed with Dist.		1 st Class		2 nd Class		Total		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Bachelor of Architecture	7	6	62	53	4	0	73	59	132
Bachelor of Planning	1	4	10	9	0	0	11	13	24
Master of Planning (with specialization in Urban Planning)	10	21	0	0	0	0	10	21	31
Master of Planning (with specialization in Regional Planning)	5	8	2	1	0	0	7	9	16
Master of Planning (with specialization in Environmental Planning)	5	5	3	1	0	0	8	6	14
Master of Planning (with specialization in Housing)	3	16	2	0	0	0	5	16	21
Master of Planning (with specialization in Transport Planning)	11	5	2	2	0	0	13	7	20
Master of Architecture (with specialization in Architectural Conservation)	5	3	1	3	0	0	6	6	12
Master of Architecture (with specialization in Industrial Design)	16	4	0	1	0	0	16	5	21
Master of Architecture (with specialization in Urban Design)	2	5	4	6	0	0	6	11	17
Master of Landscape Architecture	2	7	3	9	0	0	5	16	21
Master of Building Engineering and Management	12	8	4	3	0	0	16	11	27
Ph.D. Programmes	0	2	0	0	0	0	0	2	2
Grand Total	79	94	93	88	4	0	176	182	358

CUMULATIVE OUT-TURN

The cumulative out-turn of the students qualified in various courses from the inception of the School till 2017-2018 is as follows:

Name of the Course	Cumulative Out-turn		Total
	2016-2017	2017-2018	
Bachelor of Architecture	3,324	132	3,456
Bachelor of Planning	504	24	528
Master of Planning (with specialization in Urban Planning)	614	31	645
Master of Planning (with specialization in Regional Planning)	300	16	316
Master of Planning (with specialization in Environmental Planning)	289	14	303
Master of Planning (with specialization in Housing)	561	21	582
Master of Planning (with specialization in Transport Planning)	467	20	487
Master of Architecture (with specialization in Architectural Conservation)	236	12	248
Master of Architecture (with specialization in Industrial Design)	244	21	265
Master of Architecture (with specialization in Urban Design)	455	17	472
Master of Landscape Architecture	546	21	567
Master of Building Engineering and Management	578	27	605
Ph.D. Programmes	53	2	55
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 ii) Housing and Community Planning iii) Traffic and Transportation Planning	603	-	603
Total	8,914	358	9,272

THIRTY SIXTH CONVOCATION

The Thirty Sixth Convocation of the School was successfully held on 1 November 2018. Prof. Dr. Ramesh Chand, Member NITI Ayog, was the Chief Guest and Prof. Anil D. Sahasrabudhe, Chairman, AICTE, was the Guest of Honour who delivered the Convocation Address. Shri Prakash Javadekar, Hon'ble Minister of Human Resource Development addressed the students via video, as the Hon'ble Minister got held up in the Parliament. Ar. Amogh Kumar Gupta, Chairman, Board of Governors of the School presided over the Convocation. The Chairman admitted 200 post-graduands, 156 graduands, 3 Bachelor of Science and 2 PhD 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:-

Awards to Postgraduate Students

SPA Gold Medal for the best student of Master of BEM was awarded to Dhruv Marwah (BEM/677); for the best student of Master of Planning with specialization in Environmental Planning – Sayali S Khokale (EP/338); for the best student of Master of Planning with specialization in Transport Planning – Garima (TP/587); for the best student of Master of Planning with specialization in Urban Planning – Charve Jain (UP/1256); for the best student of Master of Planning with specialization in Regional Planning Sakshi Godara (RP/1247); for the best student of Master of Planning with specialization in Housing – Yatika Chaudhary (H/577); for the best student of Master of Urban Design – Sadadekar S Prakash Pallavi (UD/759); for the best student of Master of Architecture with specialization in Architectural Conservation – Sanjay Bhandari (AC/777); for the best student of Master of Design (Industrial Design) – Vishnu N P (ID/303); for the best student of Master of Landscape Architecture – Hema Malini Gowintharaj (LA/581);

Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance of the Post Graduate to Abhinav Verma (ID/285) Student of Master Programs in Industrial Design.

Awards to Undergraduate Students

SPA Gold Medal for the best student in Bachelor of Architecture was awarded to Sonal Takkar (A/2561/2013), for the best student in Bachelor of Planning – Charuvi Begwani (BP/639/2014). SPA Gold Medal for the best Thesis in Bachelor of Architecture was awarded to Gagandeep Singh Bindra (A/2589/2013) and for the best Thesis in Bachelor of Planning was awarded to Charuvi Begwani (BP/639/2014). General Proficiency Prizes in B. Arch. – First Prize – Sonal Takkar (A/2561/2013) and Second Prize – Mrinalini Verma (A/2559/2013).

General Proficiency Prizes in Bachelor of Planning – First Prize – Charuvi Begwani (BP/639/2014) and Second Prize – Arpita Banerjee (BP/534/2014).

Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance of the Under Graduate to Mrinalini Verma (A/2559/2013) Student of Bachelor of Architecture.

FOUNDATION DAY – 2017 and 2018

Foundation Day of the School was celebrated on 2 November 2018 Shri H.S. Madan, Chief Guest and Prof. Dr. Shovan K. Saha, Guest of Honour, delivered the addresses on the Foundation Day. Ar. Amogh Kumar Gupta, Chairman, Board of Governors and Prof. Dr. P.S.N. Rao, Director of the School was also present during the function to grace the occasion. During the function, the the following awards and scholarships were given by Shri H S Madan, Chief Guest and Guest of Honour Prof. Dr. Shovan K Saha:

2016-17

1. **VANDANA GOYAL AWARD** has been instituted out of the endowment fund donated by Dr. M.L. Goyal in memory of his daughter, ex-student of B. Arch. Course and is awarded to a student who secures highest marks in the third year B. Arch. Examination.

The Award was given to **Ms. Mausam Jamwal (A/2711/2014)** B.Arch. for the session 2016-17.

2. **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 **Ms. Sonal Takkar (A/2561/2013)** for the session 2016-17.

3. **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 **Ms. Lunkim Tingneilam Khongsai (ID/271)** for the session 2016-17.

4. **SHRIYA ANAND AWARD** has been instituted out of the endowment fund donated by Capt. Jai Kumar Anand in the memory of his daughter Late Ms. Shriya Anand and is awarded to a student of Master's Degree Course in Landscape Architecture for the best overall performance in Landscape Architecture Studio in four semesters.

The award was given to **Ms. Fabeha Fatima (LA/559)** for the session 2016-1

5. **NARENDRA JUNEJA GOLD MEDAL** is given out the endowment made on behalf of late Shri Narendra Juneja, an aluminous 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 **Mr. Sidharth Sarcar (LA/572)** for the session 2016-17.

6. **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 **Ms. Mahak Agarwal (UP/1213)** for the session 2016-17.

7. **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 **Mr. Kumud Ranjan Jha (BEM/641)** for the session 2016-17.

8. **THE JUGAL KISHORE CHOWDHURY 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 **Ms. Anwasha Sarangi (A/2670/2014)** for the session 2016-17.

2017-18:

1. **VANDANA GOYAL AWARD** has been instituted out of the endowment fund donated by Dr. M.L. Goyal in memory of his daughter, ex-student of B. Arch. Course and is awarded to a student who secures highest marks in the third year B. Arch. Examination.

The Award was given to **Ms. Srishti Jauhri (A/2877/2015)** B.Arch. for the session 2017-18.

2. **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 **Ms. Sonaali Bhatla (A/2753/2014)** for the session 2017-18.

3. **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 **Mr. Vishnu M R (ID/302)** for the session 2017-18.

4. **SHRIYA ANAND AWARD** has been instituted out of the endowment fund donated by Capt. Jai Kumar Anand in the memory of his daughter Late Ms. Shriya Anand and is awarded to a student of Master's Degree Course in Landscape Architecture for the best overall performance in Landscape Architecture Studio in four semesters.

The award was given to **Ms. Sonika Sri (LA/593)** for the session 2017-18.

5. **NARENDRA JUNEJA GOLD MEDAL** is given out the endowment made on behalf of late Shri Narendra Juneja, an aluminous 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 **Ms. Sonika Sri (LA/593)** for the session 2017-18.

6. **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 **Ms. Sejal Singla (UP/1273)** for the session 2017-18.

7. **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 **Ms. Ruhi Ranjan (BEM/687)** for the session 2017-18.

8. **KAJARIA MERITORIOUS STUDENT AWARD** (Three Awards) is given out of the endowment made by 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 2017-18:

- i) **Ms. Sonal Takkar (A/2651/2013)**
- ii) **Ms. Mrinalini Verma (A/2559/2013)**
- iii) **Ms. Diksha Singh (A/2554/2013)**

9. **KOHLAR ARCHITECTURE SCHOLARSHIP** (Five Awards) is given by M/S Kohler India Corporation Pvt. Ltd. and was awarded to fifth year B. Arch. Students on the basis of all round performance up to fourth year class.

The awards were given to the following students for the session 2017-18:

- i) **Mr. Hilor Sharma (A/2698/2014)**
- ii) **Ms. Kamyra Khurana (A/2705/2014)**
- iii) **Mr. Shivam Kumar Sahu (A/2747/2014)**
- iv) **Ms. Sonaali Bhatla (A/2753/2014)**
- v) **Ms. Sonakshi Gambhir (A/2754/2014)**

10. **JUGAL KISHORE CHOWDHURY 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 **Ms. Srishti Jauhri (A/2877/2015)** for the session 2017-18.

11. **ABHIJIT DE DESIGN AWARD** is an award given out of the endowment fund in the memory of Late Ar. Abhijit De, an aluminous of the School. It is awarded to a student who secures highest marks in the Architecture Design subject in the Forth year B. Arch. examination.

The award is given to **Ms. Sonal Takkar (A/2561/2013)** for the session 2017-18.

Research Projects

Department of Architecture

Dr. Shweta Manchanda

- A research project titled 'Shading Devices' System design and product laboratory is being carried out under the Design Innovation Centre. This project led by Dr. Shweta Manchanda, Department of Architecture.

Parul Kiri Roy

- A research project titled 'T.A.S.C.S' Transient, Affordable and Sustainable Construction System is being carried out under the Design Innovation Centre. This project led by Ms. Anjali Mittal, Ms. Parul Kiri Roy and Shri Shuvojit Sarkar, Department of Architecture.
- Scalable Community Health Model: Creating a strategy for the development of a scalable community health model with local pharmacists, youth volunteers and local health facilities for application in informal settlements. The system devised needs to respond to emergency situations at a small-large scale. This included the human resource framework and infrastructure model with specific input on spatial aspects vis-à-vis health related equipment and spatial use.

PI - Anjali Mittal, Assistant Professor, Architecture
Parul Kiri Roy, Assistant Professor, Architecture
For: Patanka Construction Pvt. Ltd., SEEDS, New Delhi, India

- Community Innovation-in the humanitarian sector: Create a curriculum for an online course on Community Innovation (in the domain of Disaster Management) and innovate on teaching methods to impart the same. Conducted workshop in IIC, New Delhi for a two-day training to review the process of implementation of the course created. This enabled a further refinement of the course structure and communication methods through direct observations and experience.

PI- Parul Kiri Roy, Assistant Professor, Architecture
For: SEEDS New Delhi, India

- Design Innovation Centre (MHRD initiative): Transient, Affordable, and Sustainable Construction System: Research and development project for innovative shelter. Product and System development. Industrially manufactured construction system for construction worker camps, low cost housing and slum habilitation.

Team: Parul Kiri Roy, Assistant Professor, Architecture
Shuvojit Sarkar, Assistant Professor, Architecture

Anjali Mittal, Assistant Professor, Architecture

Anjali Mittal

- Redevelopment And Interior Design Of State Rooms, Rashtrapati Bhawan, New Delhi

Team: Prof.Dr.P.S.N. Rao, Director, SPA, New Delhi
Anjali Mittal, Assistant Professor, Architecture
Parul Kiri Roy, Assistant Professor, Architecture

Mandeep Singh

- Advisor and Peer Review of Campus of IIIT Vadodra, (Project Cost: 100 Crores)
- Advisor and Peer Review of office Interior Competition Commission of India, (Project Cost: 20 Crores)

Mekhla Parihar

Project: Shading Devices: System Design and Product Laboratory under Design Innovation Centre Project, School of Planning and Architecture

Team: Dr. Shweta Manchanda, Project Lead
Ms. Mekhla Parihar, Project Coordinator

Budget: Rs. 37.3 Lakh

Status: Completed, July 2016-August 2019

The project seeks to develop dynamic, sophisticated but easy to use and low in cost shading products for buildings. The initiative is to develop readily deployable devices for varied markets, consultancy for innovative solutions for specific complex situations, ready reckoner for architects providing solar angles and application guidelines.

Prabhjot Singh Sugga

- Consultant on Vetting Plans on PWD provisions at Pragati Maidan Redevelopment Project.
- Expert Advisor- on Interiors at Northern Railways Guest House at Tilak Bridge, Delhi 2019.
- Comprehensive Improvement to Drainage and Sewerage System, Delhi Cantonment, for "CEO, Delhi Cantonment Board".

- Structural Safety Audit of L.H.M.C. (Lady Harding Medical College) and Associated Hospital (SSKH), New OPD Block and Hostel block, building etc. for “The Director, L.H.M.C. and Associated Hospital.

Department of Physical Planning

- **Ashok Kumar, P.S.N. Rao and R. Biswas**
Water Security and Sustainable Development, the United Kingdom Research Innovation (UKRI) sponsored research, in collaboration with the University of Newcastle, U.K. and three other global partners.
- **Ashok Kumar**
Deindustrialization in India: A Case of Kanpur, U.P., sponsored by ESRC, London, in collaboration with the University of Manchester, U.K.
- **Poonam Prakash and Ashok Kumar**
Web based Tool for Plan Modification, sponsored by DIC, MHRD, New Delhi.
- **Ashok Kumar and R. Biswas**
Preparation of Six ICAPs in Rajasthan, sponsored by the Rajasthan Government, Jaipur.
- **Prof. Dr. Poonam Prakash and Prof. Dr. Ashok Kumar**
A research project titled ‘Web Based Tool for Plan modification’ is being carried out under the Design Innovation Centre sponsored by the MHRD.
- **Prof. Dr. Poonam Prakash and Tanmay Dev Singh**
A research project titled ‘Video Gaming as a tool to supplement Planning studies’ is being carried out under the Design Innovation Centre

Department of Architectural Conservation

Anuradha Chaturvedi

- Name of the Project: Ministry of Human Resource Development Design Innovation Centre. Thrust Area / Faculty: Improved conservation interventions for historic havelis in Shahjehanabad/ Associate Professor Anuradha Chaturvedi, Expected Outcomes: Development of mobile application wEConserve and website Heritage Help Online - an interactive heritage materials and systems app- supported by technical database for providing knowledge of timely and cost-effective conservation and retrofitting intervention options. Total Fee: Phase 1b 10.80 + 3.0 Lakhs 2017-18 Phase 1b and 2
- Name of the Project: CPWD, Heritage Impact Assessment for General Pool Residential Colony, Mohammadpur, Delhi Thrust Area / Faculty: Impact Assessment of Development Projects on Heritage Resource, Associate Professor Anuradha Chaturvedi, Expected Outcomes: Assessment of Value and Significance of Heritage Resources, Impact identification of proposed

development projects, and proposals for required mitigation measures, Total Fee: Rs. 2,50,000.

- Name of the Project: India- Italy Scientific and Technological Programme 2017-19 of DST Collaborative research project between CNR-IGG (Italian Research Council, Florence) and SPA. Thrust Area: From Lab to Site: Research on performance of improved traditional materials and techniques. Expected Outcomes: Research-cum-training and outreach initiative for practical application of scientific knowledge to common conservation problems. Evaluate the efficacy of various traditional and historic building materials and utility of specific, compatible, modern materials for improved conservation interventions on residential heritage buildings (havelis) in composite tropical climates. Total Budget: Indian Party (Department of Science and Technology, GoI) - Rs 10,60,000/- and Italian Party (CNR-IGG: Italian Research Council) – Euro 11,690 for 3 years.
- Ms. Anuradha Chaturvedi, Associate Professor is leading Heritage Impact Assessment and Preparation of Report for Jamia Hamdard Campus of the Revised Campus Master Plan in Close Proximity to the Tughlaqabad Fort and Centrally Protected Monuments along Delhi-Gurugram-Rewari- SNB RRTS Corridor in NCT of Delhi area.
- A research project titled 'We Conserve' An Innovative Initiative for Smarter Shahjahanabad is being carried out under the Design Innovation Centre. This project led by Ms. Anuradha Chaturvedi, Dept. of Architecture Conservation

T. Lakshmi Priya

- Name of the Project : Comprehensive Conservation Management Plan for National Archives of India (NAI), New Delhi, Client : National Archives of India, Ministry of Culture, Thrust Area / Faculty: Management and Protection of the NAI heritage building/ Asst. Prof. T. Lakshmi Priya, Expected Outcomes: An Integrated Management Plan to guide all conservation and restoration works at NAI, New Delhi to help the client with all aspects of the site and building and handle city level changes to be in harmony with the context and site. Total Fee: Rs 22,72,252/-.

Priyaleen Singh

- Name of the Project: Vision document for Taj Trapezium Zone, Thrust Area / Faculty: Heritage resource conservation/Prof Dr Priyaleen Singh, Expected Outcomes: As a multidisciplinary activity the document will outline strategies for the conservation of heritage resources within the region. Total Fee: Rs 50 lakhs

Department of Building Engineering and Management

- Study of challenges in Fly Ash utilization and Development of Proposal for Promotional Initiatives funded by National Thermal Power Corporation (NTPC), India

(Prof. Dr. V.K Paul, Shri Salman Khursheed and Shri Abhijit Rastogi)

- UGC–UKIERI Project ‘Decision-Support Framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change’ in collaboration with University of West England, Bristol, UK. The project is being led by Prof. (Dr.) P.S.N Rao. Project duration is from 1st April 2018-31st March 2020, (Prof. Dr. P.S.N. Rao, Prof. Dr. V.K. Paul, Dr. Chaitali Basu and Sh. Abhijit Rastogi).
- Evaluation of the Housing Technology” EPS Core Panel System with wire Mesh and Chipping Concrete” w.r.t. Green and Sustainability Parameters- Demonstration Housing Project at Bhubaneswar, (Sh. Salman Khursheed)
- Structural Auditing, Retrofitting and Architectural Designing of Existing Indian Medical Association (IMA) (Prof. Dr. V.K Paul, Shri Salman Khursheed and Shri Abhijit Rastogi).
- Consultancy project on ‘Life and Safety Audit of National Institute of Tuberculosis and Respiratory Diseases, Sri Aurbindo Marg, Mehrauli, New Delhi. (Prof. Dr. V.K. Paul and Shri Salman Khursheed).
- A research project titled ‘B-Fire (Building Fire Risk Evaluation)’ is being carried out under the Design Innovation Centre. This project led by Prof. (Dr.) V. K. Paul, Department of BEM.

Department of Environmental Planning

- Department of Environmental Planning hosts one of the 68 Environmental Information Centers funded by the Ministry of Environment, Forests and Climate Change on the thematic aspect of Human Settlements and their impact on the environment. The center conducts Green Skill Development Programme (GSDP) and also Grid Based Decision Support System (GRIDSS). This year Ozone Layer sanitization was conducted at Bhartiya Vidya Bhawan Mehta Vidyalaya and clearing of Ghats with National Mission of Clean Ganga.
- A research project titled ‘Application for Conservation and Management of Urban Biodiversity’ is being carried out under the Design Innovation Centre. This project led by Prof. Dr. Meenakshi Dhote, Department of Environmental Planning.
- Sponsored by Design Innovation Center - Toolkit on Urban Biodiversity Conservation.
- Sponsored by National Mission for Clean Ganga - Toolkit for Urban Wetlands.
- Sponsored by Ministry of Environment, Forest and Climate Change - ENVIS resource Partner on Human Settlements and their Impact on Environment.

Department of Housing

P.S.N.Rao

Decision Support Framework for Resilient Critical Infrastructure against Extreme Weather Events and Climate Change, UKIERI sponsored research, Department of Housing + Department of BEM, SPA New Delhi in collaboration with University of West England, Bristol, UK.

P.S.N.Rao and Ruchita Gupta

- The rise of private slum developers in Bangladesh and India: Heroes or villains? The project is in collaboration with Lancaster University, Centre for Science and Environment, SPA New Delhi and BRAC University Dhaka funded by British Academy under International Partnership and Mobility Scheme.

Ruchita Gupta

- *Design Solutions for Low income Settlements*, DIC, SPA, New Delhi.

Department of Industrial Design

- Five projects are underway in the Department of Industrial Design, DIC, viz., 1. TB Detection Kit, 2. Solar Lamp for Rural Children, 3. Calculus teaching aid, 4. Lac craft tool and 5. Handwriting enhancement tool, September 2018-Present.
- “Better Living by Design” Awards Conceptualisation and conducted for HSIL Pvt Ltd., Gurugram, India, 2019.
- A research project titled ‘MycoKit’ A portable Diagnostic kit for detection of Pulmonary Tuberculosis in low-resource areas’ is being carried out under the Design Innovation Centre. This project led by Sh. Parag Anand and Ms. Aditi Singh, Dept of ID.
- A research project titled ‘Jugnoo’ Do-it-Yourself Solar Study Lamps for rural children is being carried out under the Design Innovation Centre. This project led by Sh. Parag Anand and Ms. Aditi Singh, Dept. of ID

Department of Regional Planning

- **Ashok Kumar and Vinita Yadav**
Web-based Platform for Linking Development Projects in Ghaziabad District for Efficient Delivery of Services, sponsored by DIC, MHRD, New Delhi.

Department of Transport Planning

Prof. Dr. Sanjay Gupta and Prof. Dr. Sewa Ram

- CLIMATRANS, Institute of Transport Economics, Norwegian Centre for Transport Research (Ongoing). Thrust Area/Expected Outcomes: Coping with climate: assessing policies for climate change and its adoption in transport sector mitigation in Indian cities. Total Grant/ Fee (Rs. In Lakhs): Rs. 60.00 lakhs (advanced stage of completion).
- UNDER REFORM, ICSSR-ESRC (U.K) joint research project, sponsored by ICSSR. Thrust Area/Expected Outcomes: Governance of Transport sector in Smart cities of India. Total Grant/ Fee (Rs. In Lakhs): Rs. 12.99 lakhs (initiated in May 2018).
- A research project titled 'Design of Signalized Intersection for visually impaired' is being carried out under the Design Innovation Centre. This project led by Prof. (Dr.) Sewa Ram, Department of Transport Planning

Department of Urban Design

- The Department of Urban Design is presently conducting a DIC research project on "Climate Change and Urban Form" with Prof. Arunava Dasgupta as Principal Investigator.
- Prof. Arunava Dasgupta of the Urban Design Department and Prof. Aditi Singh of the Industrial Design Department are co-ordinating a DIC research project on "Smart Social Infrastructure for Less Catered Communities" including the mentorship of a award winning design by Mr. Pritam Dey, Third Semester student of Urban Design.
- A research project titled 'Climate responsive Built Form' is being carried out under the Design Innovation Centre. This project led by Shri Arunava Dasgupta, Dept. of Urban Design.
- A research project titled 'Eco-Smart Infra. for Less Catered Communities' is being carried out under the Design Innovation Centre. This project led by Shri Arunava Dasgupta and Ms. Aditi Singh, Department of Urban Design.

Department of Urban Planning

- A research project titled 'Urban STeP': Smart Tool Kit for e-Participation is being carried out under the Design Innovation Centre. This project led by Prof. (Dr.) Sanjukta Bhaduri.

CONSULTANCY PROJECTS

SPA New Delhi has just finished preparation of a master plan for various facilities on route from Katra to Bhawan for Shri Mata Vaishnav Devi Shrine Board. The faculty is providing consultancy services for interior design to India Post Bank headquarters in Delhi. It is also giving consultancy services to the Rail Land Development Authority to prepare redevelopment proposal for railway housing schemes in Delhi and to PWD Maharashtra to prepare a redevelopment plan for Bandra East Housing Colony. The faculty has completed a consultancy project on analysis of rural housing design developed by the UNDP for Pradhan Mantri Awaas Yojana. Details of the ongoing consultancy projects from October 2018 to October 2019 are provided below:

PROJECT DETAILS OF SPA, CONSULTANCY CELL FROM OCTOBER - 2018 TO SEPTEMBER – 2019

S. No.	Name of the Project Coordinator	Name of the Department	Title of the Project and Sponsoring Agency
1.	Ms. Aditi Singh	Industrial Design	Ashok B Lall Architects Project
2.	Prof. Mayank Mathur	Physical Planning	Baddi Barotiwala Nalagarh Dev. Auth. Project
3.	Prof. Dr. Mandeep Singh	Architecture	Competition Commission of India Project
4.	Prof. Y. K. Jain	Architecture	Delhi Cantt. Board (Drainage and Sewerage Project)
5.	Prof. Dr. Sanjay Gupta	Transport Planning	Delhi Development Authority Project
6.	Prof. Arunava Dasgupta	Urban Design	Electrical Cremation at URI Delhi Cantt. Project
7.	Prof. Dr. Sanjay Gupta	Transport	Gurugram Metropolitan

		Planning	Development Project
8.	Ms. Anuradha Chaturvedi	Architecture Conservation	Heritage Impact Assessment and Preparation of Report for Re- development of Jamia Hamdard University Project
9.	Ms. Anuradha Chaturvedi	Architecture Conservation	Heritage Impact Assessment and Preparation of Report for Centrally Protected Monuments along Delhi-Gurugram-Rewari- SNB RRTS Corridor in NCT of Delhi Area Project.
10.	Ms. Aditi Singh and Mr. Parag Anand	Industrial Design	HSIL Ltd. Project
11.	Prof. Dr. P.S.N Rao	Housing	Kavikulaguru Kalidas Sanskrit University Project
12.	Prof. Dr. Rabiduti Biswas	Physical Planning	Master Plan of Gogamukh, NHPC Project
13.	Prof. Manoj Mathur	Architecture	IIT Kanpur Project
14.	Prof. Dr. Meenakshi Dhote	Environmental Planning	Namami Gange Programme Project
15.	Prof. Dr. Sanjay Gupta	Transport Planning	NCRTC Project
16.	Prof. Dr. P.S.N Rao	Housing	Numaligarh Refinery Ltd.
17.	Prof. Dr. P.S.N Rao	Housing	O.N.G.C Vadodara Project

18.	Prof. Dr. P.S.N Rao	Housing	PWD Government of Maharashtra Project, New Delhi
19.	Prof. Dr. P.S.N Rao	Housing	Rashtriya Sanskrit Sansthan Project
20.	Ms. Anuradha Chaturvedi	Architecture Conservation	Heritage Impact Assessment and Preparation of Report for Redevelopment of Bhavishya Nidhi Enclave at Malviya Nagar New Delhi Project.
21.	Prof. Dr. Ashok Kumar	Physical Planning	Rurban Mission Benchmarks
22.	Prof. Dr. Mandeep Singh	Architecture	Shri Mata Vaishno Devi Shrine Board Durga Bhavan Project
23.	Prof. Dr. Mandeep Singh	Architecture	Shri Mata Vaishno Devi Shrine Board Project
24.	Prof. Y. K. Jain	Architecture	Structural Safety Audit of LHMC Hospital Building Project
25.	Prof. Dr. Ashok Kumar	Physical Planning	Megaprojects and Reshaping the Urban Future: Government and Equity in the Delhi-Mumbai Industrial Corridor, Sponsored by the British Academy, India
26.	Prof. Dr. Meenakshi Dhote	Environmental Planning	Tourism UP Pro-poor Tourism Development Project

27.	Prof. Dr. Ashok Kumar	Physical Planning	Verification Audit for PwDs Facilities in and around Selected Railway Station Project
-----	-----------------------	----------------------	---

Department of Architecture

1. Name of the Department

Department of Architecture

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1941 as a Department of Architecture of the Delhi Polytechnic

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Areas of Specialization	Number of Years of Experienc	COA Registration
Professors				
Mandeep Singh	B. Arch., SPA-Delhi, 1979 M. Arch (UD), 1986, Ph.D. 2014	Architectural Design, Urban Design, Earthquake Resistant Architecture	38	CA/80/5693
Manoj Mathur	B. Arch., SPA-Delhi, 1982 PG Dip. in Health Facilities, SPA, 1989	Architectural Design, Housing , Building Services, Architectural History	35	CA/ 84/8183
Aruna Ramani Grover	B.Arch., (1984) SPA, New Delhi M.Plan. with specialization in Housing, Gold medalist, (1995) SPA, New Delhi PhD in Architecture (2012)	Sustainable design, History-Theory-Criticism, Housing, Water and Sustainable development	35	CA/85/9202
Anil Dewan	B. Arch., SPA-Delhi, 1982 MBEM, SPA, 2003 Ph.D. 2012	Architectural Design, Health Facility Planning, Project Management	35	CA/83/7565

Jaya Kumar	B. Arch, SPA-Delhi, 1979 Ph.D. SPA-Delhi, 2013	Environment Planning For Children, Architectural Design, Architectural Research	40	CA/81/6122
Ranjana Mital	B. Arch., SPA-Delhi, 1979 Ph.D., 2003	Design, History of Architecture, Research Architecture	39	CA/ 81/ 06196
Y.K. Jain	B.Sc. (CE), Punjab Engg. College, 1976 M.Sc. Engg Civil (Structures), 1980	Civil & Structural Engineering, Project Management	41	F.I.E
Associate Professors				
Leon A. Morenas	B. Arch, Thiagarajar College of Engineering, Madurai, 2000; M. Arch (UD), SPA-Delhi, 2002; Ph.D. Rennsselaer Polytechnic Institute, New York, USA, 2010	Architectural Design, Urban Design, Theory Of Design, Science And Technology Studies	13	CA/2011/51131
Shweta Manchanda	B. Arch, SPA-Delhi, 1998 M. Phil, 2000 Ph.D., University of Cambridge, UK, 2008	Architectural Design, Environmental Design, Energy Management, Sustainable urbanism	15	CA/98/23712
Assistant Professors				
Rajaprakash P.	B. Arch., Anna University, 1989 M. Arch., SPA- Delhi, 1991 Ph.D., Anna University, Chennai, 2013	Architectural Design, Landscape Architecture, site planning, Theory of Design, Psychophysical Dimensions of architectural Design and Landscape	28	CA/93/15532
S.K. Aaditya	B. Arch., VRCE, Nagpur, 1986	Architectural Design	29	CA/88/11735
Parul Kiri Roy	B. Arch., SSAA, Gurgaon, 2000 M.F.A (History of	Architecture Research and Design, Visual	19	CA/2001/28679

	Art), Kala Bhavana, Visva Bharati, Santiniketan, 2003	Communication, History of Art, Theory of Art and Design		
Shuvojit Sarkar	B. Arch., TVB, Delhi, 2002 M. Plan (Env.) SPA-Delhi, 2005 Ph.D., Jadavpur University, Kolkata, 2019	Architectural Design, Environmental Planning, Urban Ecology	16	CA/2004/32924
Prabhjot Singh Sugga	B. Arch., SPA, 2001 MS (UP), Columbia Univ., USA, 2004	Architectural Design, Vernacular Architecture, Disaster Management	14	CA/2008/42234
S.P. Shrivastava	B.Sc. Engg., (Civil), 1984 ME (Civil), 1991, Pursuing Ph.D	Soil Mechanics And Foundation Engineering	24	Registered with IE, IASE
Arpita Dayal	B. Arch., Vastu Kala Academy, Delhi, 2003 M. Arch.(UD), SPA, New Delhi, 2009	Architectural Design, Urban Design	15 (excluding M.Arch. of 2 years)	CA/2007/39718
Anjali Mittal	B. Arch. TVB, Delhi 2005 M.Sc.(City Design And Social Science), LSE, London, 2008	Architectural Design, Urban Design, Urban Planning And Policy, Sociology	15	CA/2009/45148
Mekhla Parihar	B. Arch. – MANIT, Bhopal, 2002 M. Arch. – Kansas State University, Kansas, USA, 2005	Architectural Design, Environment Behavior	15 (excluding Masters of 2 Years)	CA/2009/46924
Mekhla Parihar	B. Arch. – MANIT, Bhopal, 2002 M. Arch. – Kansas State University, Kansas, USA, 2005	Architectural Design, Environment Behavior	14	CA/2009/46924
Saptarshi Sanyal	M. Arch(Architectural Conservation), 2008 B. Arch., 2006 (SPA-Delhi)	Architectural Design; Architectural History in design pedagogy; Settlement	10	CA/2009/45861

		Planning; the built environment in photographic representation		
Aarti Nagpal	B.Arch. DCRUST-Murthal- 2008; M.Plan. (Urban Planning), MNIT, Jaipur-2011; PGPCM (Const. Mgmt.), SODE-NICMAR, Pune; MBA (Interiors), NIRM, Ahmedabad.	Architecture, Urban Planning, Construction Management, Interior Design and Management	10 Yrs. (excluding Masters of 2 years)	CA/2009/45148
Vandana Kothari	MFA with specialization in History of Art BFA with specialization in Painting	Painting and History of Art	19	Not Applicable

5. Contract Faculty profile:

S. No.	Name of the Faculty	Educational Qualifications	Subjects (Theory and Studios)	COA Registration
1	Alpna Rohatgi	B.Arch. 1998 M.Tech (Des) ID, 2001	Arch. Design, Prof. Communication, Dissertation, Theory of Design	CA/98/23981
			Arch. Design, Visual Arts & Basic Design, Theory of Design	
2	Aparna Jhamb	B.Arch., 2015	Arch. Design, Prof. Communication, Theory of Settlements, Dissertation	CA/2015/73451
			Arch. Design, Prof. Communications, Surveying & Levelling, Elective	
3	Balpreet Singh Madan	B.Arch., 2007 M. Arch., 2009	Arch. Design, Visual Arts & Basic Design, Computers, Dissertation, Water, Waste and Sanitation	CA/2010/48974
			Arch. Design, Visual Arts & Basic Design, Computers, Elec. Lighting & Acoustic	
4	Komika Walia	B.Arch., 2013 M. Arch., 2018	Arch. Design, Bldg. Const., Computers, Dissertation,	CA/2013/60731

			Art Arch. Appreciation	
			Arch. Design, Bldg. Const., Computers, Visual Arts & Basic Design	
5	Mohd. Rashideen Saifi	B.Arch., 2013 M.BEM, 2015	Arch. Design, HVAC, Mech, Mobility & Fare Safety Dissertation, Workshop, Structure, Bldg. Mgmt.	CA/2014 /64192
			Arch. Design, Bldg. Const., Structures, Specification & Contracts	
6	Nimit Gandhi	B.Arch., 2010	Arch. Design, Computers, Bldg. Mgmt., Bldg. Construction	CA/2011 /51102
			Arch. Design, Computers	
7	Nishant Gautam	B.Arch., 2013	Arch. Design, Computers, Dissertation, Elective	CA/2014 /65255
			Arch. Design, Computers, Art Arch. Appreciation, Elective	
8	Ramneet Kaur	B.Arch., 2009 M.ID, 2011	Arch. Design, Computers, Visual Arts & Basic Design, Dissertation, Elective	CA/2010 /48939
			Arch. Design, Computers, Elective	
9	Shaista Perveen	B.Arch., 2014 M. Arch., 2018	Arch. Design, History of Arch., Art Arch. Appreciation, Bldg. Const., Theory of Settlements, Dissertation	CA/2015 /69847
			Arch. Design, History of Arch., Art Arch. Appreciation, Bldg. Const.	
10	Vandana Balakrishnan	B.Arch., 1993 M. Arch., 1995	Arch. Design, History of Arch., Art Arch. Appreciation, Dissertation	CA/95/18315
			Arch. Design, History of Arch., Art Arch. Appreciation	

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Mandeep Singh	Ist Semester	Arch Design, Bldg. Const.	10
	IInd Semester	Arch.Thesis & Tech. Study	11
Manoj	Ist Semester	History of Architecture, Arch.Design,	15

Mathur		Dissertation, Seminar	
	IInd Semester	History of Architecture, Arch. Thesis & Tech. Study	12
Aruna Ramani Grover	Ist Semester	History of Architecture, Dissertation, Arch.Design	13
	IInd Semester	Arch. Thesis, History of Architecture & Thesis Book	13
Anil Dewan	Ist Semester	Arch.Design, History of Architecture	14
	IInd Semester	Prof. Practice & Arch Design	13
Jaya Kumar	Ist Semester	Vth Year Design Studio, Urban design research IVth Year Dissertation- Lecture, coordination, guidance	13
	Ist Semester	Vth Year Thesis Studio –coordination, guidance Vth Year Thesis Research Lecture and guidance	12
Ranjana Mital	Ist Semester	Arch. Design, History of Arch., Dissertation, Structures	16
	IInd Semester	Arch. Thesis, Thesis Book & History of Architecture	12
Y.K. Jain	Ist Semester	Structures	12
	IInd Semester	Structures	13
Leon A. Morenas	Ist Semester	Arch. Design, Theory of Design, Dissertation, Elective, Seminar	20
	IInd Semester	Arch.Design, Theory of Design & Art Arch. App.	14
Shweta Manchanda	Ist Semester	Arch. Design, Bldg. Sc. & Serv., Dissertation, S.I.G.B	14
	IInd Semester	On Leave	--
Rajaprakash P.	Ist Semester	Arch. Design, Dissertation, Elective, S.P.L.S	17
	IInd Semester	Bldg. Const., Arch. Design, Elective, Art Arch. App & Arch. Design	16
S.K. Aaditya	Ist Semester	Env. Studies, Model/Workshop, Dissertation,Bldg. Const.	19
	IInd Semester	Env. Studies, Bldg. Const. & Surveying & Level.	17
Arpita Dayal	Ist Semester	Arch.Design, Theory of Design, Dissertation(coordinator), History of Architecture	16
	IInd Semester	Arch.Design, Theory of Design, Dissertation(coordinator), History of Architecture	16
Vandana Kothari	Ist Semester	Art Arch. App, Visual Art & Basic Design	18
	IInd Semester	Art. Arch.App, V.Art& Basic Design	15

Anjali Mittal	July-Dec 2018	Arch. Design, Visual Arts and Basic Design, Design Methodology, Dissertation, Urban Design Research (Studio)	17
	Jan- May 2019	Arch. Design, Theory of Design (Sociology & Culture), Computers (2) Visual Arts and Basic Design	17
Shuvojit Sarkar	Ist Semester	Arch. Design, Env. Studies, Dissertation, Electives	19
	IInd Semester	Arch. Design, Env. Studies, Theory of Design,	16
Saptarshi Sanyal	Ist Semester	On Leave	--
	IInd Semester	On Leave	--
Parul Kiri Roy	Ist Semester	On Leave	--
	IInd Semester	Elective, Arch.Design, Art. Arch. App & History of Arch.	17
Mekhla Parihar	Ist Semester	Arch. Design, Theory of Settlements, Bldg. Construction, Dissertation, Theory of Structure	17
	IInd Semester	Arch. Design, Bldg. Const. Visual Art & Basic Design, Internship Coordinator & Th. Of Design	16
P.S. Sugga	Ist Semester	Arch. Design, Theory of Structure, Bldg. Construction, Dissertation, Theory of Structure.	18
	IInd Semester	Arch. Design, Bldg. Const. Structure, Solar Active and Passive System	16
Aarti Nagpal	Ist Semester	On Leave	--
	IInd Semester	On Leave	--
S.P. Shrivastava	Ist Semester	Structures	16
	IInd Semester	Structures	16
Piyush Jain	Ist Semester	Structures	4
	IInd Semester	Structures, Surveying & Level	15

7. Details of teaching work undertaken in other departments of the School.

Name of the faculty	Semester	Subjects (theory and studios)	Hours per week
Prof. Dr. Mandeep Singh	Urban Design	Urban Design	--
Dr. Leon Morenas	Urban Design	PhD Guidance of two scholars enrolled in the Urban Design Department	2

8. Details of teaching work undertaken by the visiting faculty, visiting professors and contract faculty:

Visiting Professors:

S. No.	Name of the Visiting Faculty / Professor	Post	Semester	Subjects (Theory and Studios)	Hours, Week	Educational Qualifications	COA Registration
1	Alok Sahdev	Professor	July - Dec., 2018	Bldg. Mgmt. and AP-3	11	B. Tech., 1976	-
		Faculty	Jan - May, 2019	AP-4	8		
2	Amit Hajela	Professor	July - Dec., 2018	Arch. Design and UD Research	12	B.Arch., 1989	CA/92 /14426
			Jan - May, 2019	Arch. Thesis, Thesis Book and Prof. Prac.	12	M.Arch, 1992, Ph.D, 2012	
3	Anand Dhote	Professor	July - Dec., 2018	Arch. Design, Bldg. Const. and Dissertation	12	B. Arch., 1984	CA/85 /9178
			Jan - May, 2019	Arch. Design and Bldg. Const.	11		
4	Anil B. Jain	Professor	July - Dec., 2018	Arch. Design	9	B. Arch., 1979	CA/80 /5771
			Jan - May, 2019	Arch. Thesis and Tech. Study	10		
5	Ashok Grover	Professor	July - Dec., 2018	Bldg. Const.	12	B.Arch., 1980	CA/82 /6756
			Jan - May, 2019	Bldg. Const.	12	M.Arch., 2012	
6	Ashwani Kumar Datta	Professor	July - Dec., 2018	Arch. Design, Bldg. Const. & Dissertation	12	B.Arch., 1986	CA/92 /14507

		Faculty	Jan - May, 2019	Arch. Design and Bldg. Const.	11	M.Arch., USA, 1989	
7	Deepti Gupta	Professor	July - Dec., 2018	Arch. Design & Theory of Structure	12	B.Arch., 1990	CA/91 /13696
			Jan - May, 2019	Bldg. Const. & Theory of Structure	10	MBEM, 1995, Ph.D, 2015	
8	Kamal Raj Arora	Professor	July - Dec., 2018	Arch. Design	9	B. Arch., 1981	CA/1984 /8215
			Jan - May, 2019	Arch. Design and Professional Practice	10	M. Sc., 2006	
9	Kapil Mathur	Professor	July - Dec., 2018	Workshop, Professional Comm., Elective and Dissertation	12	B.Arch, 1995	CA/96 /20344
		Faculty	Jan - May, 2019	Arch. Design	8		
10	M L Bahri	Professor	July - Dec., 2018	Arch. Design and Bldg. Const.	12	B. Arch., 1976	CA/1980 /05677
			Jan - May, 2019	Arch. Thesis, Tech. Study and Prof. Practice	12		
11	Meena Mani	Professor	July - Dec., 2018	Arch. Design	9	B.Arch, 1971	CA/82 /6996
			Jan - May, 2019	Arch. Thesis and Tech. Study	10		
12	Mousumi Biswas	Professor	July - Dec., 2018	Theory of Structures	12	B.E., 1991	-
			Jan - May, 2019	Theory of Structures	12	M. Sc., 1994	
13	Parul Walecha	Faculty	July - Dec., 2018	Bldg. Const. and Computers	5	B. Arch., 1994	CA/95 /19043

		Professor	Jan - May, 2019	Bldg. Const. and Prof. Communication	12		
14	Pavan Kumar Gupta	Professor	July - Dec., 2018	Bldg. Mgmt. and Adv. Bldg. Const.	9	B.Arch., 1982	CA/83 /7877
		Faculty	Jan - May, 2019	Surveying & Levelling	6		
15	Pawan Tandon	Professor	July - Dec., 2018	Bldg. Const. and Adv. Bldg. Const.	10	B. Arch., 1996	CA/1996 /20408
			Jan - May, 2019	Building Construction	9		
16	Punit Sethi	Professor	July - Dec., 2018	Bldg. Const., Adv. Bldg. Const. and Bldg. Mgmt.	11	B. Arch., 1989	CA/89 /12667
			Jan - May, 2019	Building Construction	8		
17	Radhika Viswanathan	Professor	July - Dec., 2018	Arch. Design, Bldg. Const. & Dissertation	12	B.Arch., 1978	CA/81 /6186
			Jan - May, 2019	Arch. Design and Bldg.Const.	11		
18	Rahoul B. Singh	Professor	July - Dec., 2018	Arch. Design	9	B.Arch, 1996	CA/97 /21894
			Jan - May, 2019	Arch. Thesis and Thesis Book	9	BFA, 1997	
19	Rajeev Agarwal	Professor	July - Dec., 2018	Arch. Design	9	B.Arch., 1988	CA/88 /11915
			Jan - May, 2019	Arch. Thesis and Tech. Study	10		
20	Rajeev Mahajan	Professor	July - Dec., 2018	Computers and Structures	11	BE, 1984	-
		Faculty	Jan - May,	Structures	4	ME, 1987	

			2019				
21	Reeta Sanyal	Professor	July - Dec., 2018	Theory of Structures	12	B.E. (Civil), 1974,	-
			Jan - May, 2019	Theory of Structures	12	M.E. (Civil), 1976	
22	Rekha Jindal	Professor	July - Dec., 2018	Arch. Design and Dissertation	9	B.Arch., 1981	CA/1982 /7170
			Jan - May, 2019	-	-	M.Arch., 1989	
23	Richard Andre Barraud	Professor	July - Dec., 2018	Arch. Design and Bldg. Const.	12	B.Arch., 1979	CA/87 /11219
			Jan - May, 2019	Arch. Design and Bldg. Const.	12		
24	Roohan Segel	Professor	July - Dec., 2018	Art Appreciation and Vis. Arts & Basic Design	9	B.F.A, 1993	-
		Faculty	Jan - May, 2019	Vis. Arts & Basic Design	6		
25	Sambudha Sen	Professor	July - Dec., 2018	-	-	B. Arch. 1973	CA/75 /736
			Jan - May, 2019	Arch. Thesis and Thesis Book	9		
26	Sandip Kumar	Professor	July - Dec., 2018	Arch. Design	9	B.Arch., 1992	CA/94 /17309
			Jan - May, 2019	Arch. Thesis and Thesis Book	9		
27	Satish Kumar Khanna	Professor	July - Dec., 2018	Arch. Design	9	B.Arch, 1972	CA/75 /448
			Jan - May, 2019	Arch. Thesis and Tech. Study	10		
28	Satyakam Saha	Professor	July - Dec.,	Arch. Design and	13	B. Arch., 1996	CA/1998 /22480

			2018	Visual Arts & Basic Design			
		Faculty	Jan - May, 2019	Arch. Design and Visual Arts and Basic Design	11	M.F.A, 2003	
29	Sonia Kapre	Professor	July - Dec., 2018	Arch. Design and Bldg. Const.	12	B.Arch., 1977	CA/78 /04696
			Jan - May, 2019		-		
30	Suneet Mohindru	Professor	July - Dec., 2018	Arch. Design	9	B.Arch. 1995,	CA/96 /19927
			Jan - May, 2019	Arch. Thesis and Thesis Book	9	M. Arch., 1997	
31	Sushil Aggarwal	Professor	July - Dec., 2018	Arch. Design	9	B.Arch. 1984	CA/85 /9137
			Jan - May, 2019	-	-		
32	Taranjit Singh	Professor	July - Dec., 2018	Arch. Design	9	B. Arch., 1990	CA/91 /13760
			Jan - May, 2019	-	-		
33	Vidya P. Agarwal	Professor	July - Dec., 2018	Theory of Structures	13	B.Tech, 1970	FIE
			Jan - May, 2019	-	-	M.Engg, 1971	
34	Vijay Garg	Professor	July - Dec., 2018	Bldg. Const.	13	B.Arch., 1989,	CA/13667
			Jan - May, 2019	Bldg. Const.	9	PGD (HRD), 1994	

Visiting Faculty:

S. No	Name of the Visiting Faculty/Professor	Post	Semester	Subjects (Theory and Studios)	Hours, Week	Educational Qualifications	COA Registration
1	Abha Kohli	Faculty	July - Dec., 2018	Visual Arts & Basic Design	15	Dip. In V. Comm. (NID), 1991	-
			Jan - May, 2019	Visual Arts & Basic Design	3		
2	Abhay Ghate	Faculty	July - Dec., 2018	Elective	2	B.E., 1970	-
			Jan - May, 2019	-	-	M.Tech., 1972	
3	Abid Husain	Faculty	July - Dec., 2018	Building Science & Services	4	B.Sc., 1980	-
			Jan - May, 2019	-	-		
4	Ajay Kumar	Faculty	July - Dec., 2018	Computers	3	B.Arch., 2009	Nil
			Jan - May, 2019	-	-	M. Des., 2012	
5	Akshay Shrinagesh	Faculty	July - Dec., 2018	Arch. Design	8	B. Arch., 2002	CA/2003 /31541
			Jan - May, 2019	Arch. Design	8		
6	Alpna Rohtagi	Faculty	July - Dec., 2018	-	-	B.Arch., 1998,	CA/98 /23981
			Jan - May, 2019	-	-	M. Des., 2001	
7	Amar Puri	Faculty	July - Dec., 2018	Building Constructi on	4	B.Arch., 1973	CA/77 /3700
			Jan - May, 2019	-	-		
8	Amardeep Labana	Faculty	July - Dec.,	Arch. Design and	11	B. Arch., 2003	CA/2005 /35109

			2018	Workshop			
			Jan - May, 2019	Arch. Design	8	MSAUD, 2009	
9	Ameet Babbar	Faculty	July - Dec., 2018	Arch. Design	9	B. Arch., 1997	CA/1998 /23133
			Jan - May, 2019	-	-	M.Arch., 2002	
10	Amit Prabhakar	Faculty	July - Dec., 2018	Arch. Design and Vis. Arts & Basic Design	13	B.Arch, 2002	CA/2018 /100267
			Jan - May, 2019	Arch. Design	8		
11	Amit Kumar Sarma	Faculty	July - Dec., 2018	Elective, Thesis, Seminar	7	B. Arch., 2002	CA/2005 /35619
			Jan - May, 2019		-	M. Sc., 2006	
12	Amitabh Shrivastav	Faculty	July - Dec., 2018		-	BFA, 2000	-
			Jan - May, 2019	Art and Architectural Appreciation	6	MFA, 2015	
13	Amritha Ballal	Faculty	July - Dec., 2018	Seminar	3	B.Arch., 2003	CA/2005 /36966
			Jan - May, 2019		-	M.Plan, 2011	
14	Anamika Bagchi	Faculty	July - Dec., 2018	Arch. Design	2	B. Arch., 2004	CA/2010 /48769
			Jan - May, 2019	-	-	M. Arch., 2006	
15	Anand Kishore Guha	Faculty	July - Dec., 2018	-	-		P

			Jan - May, 2019	Professional Practice	-		
16	Anuj Srivastava	Faculty	July - Dec., 2018	Bldg. Const. and Computers	11	B. Arch., 1990	CA/91 /13946
			Jan - May, 2019		-	M.Sc., 2002	
17	Anukriti Pathak	Faculty	July - Dec., 2018		-	B.Arch., 2013	CA/2014 /63943
			Jan - May, 2019	Elective	2		
18	Anurag Gogna	Faculty	July - Dec., 2018	Theory of Structures	3	B.Arch., 2009	P
			Jan - May, 2019		-		
19	Anurag Roy	Faculty	July - Dec., 2018	Bldg. Const.	8	B.Arch., 1976	CA/79 /5092
			Jan - May, 2019	-	-		
20	Archana Gupta	Faculty	July - Dec., 2018	Art and Architectural Appreciation	3	Dip. In Arch., 1997,	P
			Jan - May, 2019	-	-	M.Sc. in Sustainable Development, 2009	
21	B L Manjunath	Faculty	July - Dec., 2018	Elective	2	B.E. (Civil)	-
			Jan - May, 2019	-	-		
22	B K Tanuja	-	July - Dec., 2018		-	B. Arch., 1980	CA/82 /7078
		Faculty	Jan - May, 2019	Arch. Thesis	7		

23	Bala Ji Mohan	Faculty	July - Dec., 2018	UD Research	2	B.Arch., 2008	CA/2009 /44136
			Jan - May, 2019			M.Arch., 2011	
24	Balachandar Baskaran	Faculty	July - Dec., 2018	Elective	2	B.Arch., 2010	CA/2012 /55077
			Jan - May, 2019				
25	Barun Aggarwal	Faculty	July - Dec., 2018	Elective	2	B.Com, 1996	-
			Jan - May, 2019	-	-	MBA, 2000	
26	Debashis Datta	Faculty	July - Dec., 2018	Elective	2		P
			Jan - May, 2019				
27	Deepak Bhatia	Faculty	July - Dec., 2018	Elective	2	B.Arch., 2010	CA/2012 /54550
			Jan - May, 2019				
28	Dhiraj K. Khanna	Faculty	July - Dec., 2018	Building Construction	3	B.Arch, SPA, 2000	CA/2001 /27412
			Jan - May, 2019		-		
29	Francis Joseph	Faculty	July - Dec., 2018	Visual Arts & Basic Design	15	B.E. (Mech.)1988,	-
			Jan - May, 2019	Visual Arts & Basic Design	9	AEP Produce Design Diploma, 1991	
30	Gaurav Sharma	Faculty	July - Dec., 2018	Arch. Design	8	B.Arch, 2002,	CA/2002 /30516
			Jan - May, 2019	Arch. Design	4	M. Sc (AC), 2006	

31	Gaurav Shorey	Faculty	July - Dec., 2018	Bldg. Sc. & Service, System Integn. of Green Bldg. and Elective	6	B.Arch., 2004	CA/2016 /77794
			Jan - May, 2019	Green Systems Integration	6	PG Dip. in Advanced Construction Mgmt., 2006	
32	Gautam Malik	Faculty	July - Dec., 2018	-		B.Arch., 2003	CA/2005 /35994
			Jan - May, 2019	Computers	3		
33	Gunjan Jain	Faculty	July - Dec., 2018	-		B.Arch., 2003	CA/2005 /35994
			Jan - May, 2019	Elec. Lighting & Acoustics	2		
34	Hemant Chhabra	Faculty	July - Dec., 2018	-			P
			Jan - May, 2019	Elective	2		
35	Kailash Chand Yadav	Faculty	July - Dec., 2018	Theory of Structures	10	B.E., 1987	-
			Jan - May, 2019	Theory of Structures	8	M. Tech., 1991	
36	Kalpana Sethi	Faculty	July - Dec., 2018	Arch. Design	3	B.Arch., 1977	CA - 7068
			Jan - May, 2019	-	-	PG Dip. In I R and HR	
37	Khushal Matai Ph.D Scholar	Faculty	July - Dec., 2018	Bldg. Sc. & Services and System Integration of Green Bldg.	4	B. Arch., 2009	CA/2011 /52846

			Jan - May, 2019	Sustainable Urban Habitats	6	M.Arch., 2014	
38	Linus Lopez	Faculty	July - Dec., 2018	-		B.E. 1991	
			Jan - May, 2019	Elec. Lighting & Acoustics	2	M.A. 2019	
39	Madhav Raman	Faculty	July - Dec., 2018	Seminar	3	B. Arch., 2001	CA/2003 /32089
			Jan - May, 2019	-			
40	Maneck Tandon	Faculty	July - Dec., 2018	-		B.Arch 2003	CA/2004 /32779
			Jan - May, 2019	Elec. Lighting & Acoustics	2		
41	Manish Jain	Faculty	July - Dec., 2018	Building Management	5	B. Arch., 1988	CA/88 /11883
			Jan - May, 2019	-	-	M.BEM, 1990	
42	Manoj Mittal	Faculty	July - Dec., 2018	Building Management	3	B.E, 1985	-
			Jan - May, 2019	-	-	M.Sc., 2005	
43	Meena Murthy Kakkar	Faculty	July - Dec., 2018	Seminar	3	B. Arch., 2002	CA/2003 /30743
			Jan - May, 2019	-	-		
44	Mohd. A Pasha	Faculty	July - Dec., 2018	Bldg. Sc. & Services and Bldg. Const.	6	B.Arch. 2003	CA/2003 /31300
			Jan - May, 2019	Building Construction	3		
45	Mohit Verma	Faculty	July - Dec.,	Arch. Design	8	B. Arch., 1999	CA/2000 /26264

			2018				
			Jan - May, 2019	Arch. Design	8		
46	Monish	Faculty	July - Dec., 2018	Arch. Design	9	B.Arch., 2009	CA/2011/53347
			Jan - May, 2019	-			
47	Mukesh Jain	Faculty	July - Dec., 2018	Theory of Structures	4	AMIE, Civil Engg., 1986	-
			Jan - May, 2019	Theory of Structures	5	MBA, Real Estate, 2009	
48	Neerja Tiku	Faculty	July - Dec., 2018	Theory of Settlements	2	B. Arch., 1975	CA/0444/79
			Jan - May, 2019	-	-	PG Dip (U&RP), 1977	
49	Nidhi Batra	Faculty	July - Dec., 2018	Urban Design Research	2	B.Arch., 2005	P
			Jan - May, 2019	-	-	M. Arch.,	
50	P.R. Mehta	Faculty	July - Dec., 2018	-	-	B.Arch , 1976	CA/77/3604
			Jan - May, 2019	Professional Practice	4	PG Dip in Arch (UD), 1979	
51	Pankaj Khanna	Faculty	July - Dec., 2018	Elective	2	B.E. (Civil), 2000	-
			Jan - May, 2019	-	-	M. Sc., 2006	
52	Pavan Buragohain	Faculty	July - Dec., 2018	-	-	Dip. (Animation Design), 1994	-
			Jan - May, 2019	Visual Arts & Basic Design	9		
53	Peu Banerjee	Faculty	July - Dec.,	Arch. Design	8	B.Arch, 1992	CA/93/16363

			2018				
			Jan - May, 2019	Arch. Design	8	M.Phil, 2005	
54	Prabir Kumar Das	Faculty	July - Dec., 2018	Theory of Structures	8	B.Arch., 1981	CA/82 /6964
			Jan - May, 2019	-		M.BEM, 1983. Ph.D 2005	
55	Prasanta Mukherjee	Faculty	July - Dec., 2018	Visual Arts & Basic Design	15	B.F.A, 1988	-
			Jan - May, 2019	Visual Arts & Basic Design	9	M.F.A, 1990	
56	Pravesh Ghai	Faculty	July - Dec., 2018	Bldg. Const.	6	B. Arch. 1985	CA/ 86 / 09977
			Jan - May, 2019	-	-		
57	Rajiv Bhakat	Faculty	July - Dec., 2018	Art & Architectural Appreciation and Seminar	6	B.Arch, 2000	CA/2001 /27776
			Jan - May, 2019	-	-	M.Arch, 2002	
58	Ramneet Kaur	Faculty	July - Dec., 2018		-	B. Arch., 2009	CA/2010 /48939
			Jan - May, 2019		-	M. ID,	
59	Rama Pishrody	Faculty	July - Dec., 2018	Building Management	4	B.Arch., 1981	CA/7160 /82
			Jan - May, 2019	-	-	M.BEM, 1984	
60	Rohit Jain	Faculty	July - Dec., 2018	Building Management	7	B. Arch., 1992	CA/1992 /15407
			Jan - May, 2019	Professional Practice	2	M. BEM, 1998	

61	Sachin Rastogi	Faculty	July - Dec., 2018	-	-	B.Arch, 2006	CA/2019 /106663
			Jan - May, 2019	Arch. Design	4	M.Sc., 2007	
62	Sanjay Bhardwaj	Faculty	July - Dec., 2018	Arch. Design	4	B.Arch., 1992	CA/1997 /22289
			Jan - May, 2019	Arch. Design	4		
63	Sanjay Mehra	Faculty	July - Dec., 2018	Bldg. Const. and Elective	8	B.Arch, 1986	CA/87 /10938
			Jan - May, 2019	Building Construction	6	M.Arch., 1991	
64	Sarah Kaushik	Faculty	July - Dec., 2018	Vis. Arts & Basic Design and Elective	11	Dip. in Design, 2010	-
			Jan - May, 2019	Vis. Arts & Basic Design	6		
65	Sheily Shrivastav	Faculty	July - Dec., 2018	Elective	2	B. Arch., 1985	CA/1986 /10235
			Jan - May, 2019	-	-		
66	Shiriesh Malpani	Faculty	July - Dec., 2018	-	-	B.Arch, 1978	CA/79 /5314
			Jan - May, 2019	Arch. Thesis	7		
67	Shruti Maheshwari	Faculty	July - Dec., 2018	Estimation & Costing	7	B.Arch, 2002	CA/2003 /31259
			Jan - May, 2019	Specification & Contracts	7	PG in Con. Project Mgmt., 2009	
68	Shruti Narayan	Faculty	July - Dec., 2018	Arch. Design	4	B.Arch., 2001	P

			Jan - May, 2019	-	-		
69	Siddharth Singh	Faculty	July - Dec., 2018	Vis. Arts & Basic Design	9		P
			Jan - May, 2019		-		
70	Somi Chatterjee	Faculty	July - Dec., 2018	Theory of Design	2	B.Arch., 2007	CA/2009 /44601
			Jan - May, 2019	Art Appreciation, History of Arch. and Elective	7	M.Arch., 2009	
71	Sudhir Kumar Vohra	Faculty	July - Dec., 2018	-			
			Jan - May, 2019	Professional Practice	4		
72	Sudhir Prakash	Faculty	July - Dec., 2018	Computers	6	B. Arch., 2010	CA/2010 /49983
			Jan - May, 2019	Computers	4		
73	Suparna Ghosh	Faculty	July - Dec., 2018	Arch. Design and Art Appreciation	11	B.Arch., 2007	CA/2008 /42732
			Jan - May, 2019	Arch. Design	8	M.Arch., 2011	
74	Swati Janu	Faculty	July - Dec., 2018	Elective and Seminar	5	B. Arch., 2008	CA/2009 /45414
			Jan - May, 2019	-	-	M. Sc., 2016	
75	Tanay Jaithalia	Faculty	July - Dec., 2018	Vis. Arts & Basic Design and Bldg.	8	B.Arch., 2010	CA/2011 /52109

				Const.			
			Jan - May, 2019	Bldg. Const.	3		
76	Tarun Kumar	Faculty	July - Dec., 2018	Arch. Design	8	B.Arch. 1996	CA/96 /20163
			Jan - May, 2019	Arch. Design	8	M.Arch, 2000	
77	Tine Bali	Faculty	July - Dec., 2018	Arch. Design, Elective and Site Plng. & Landscape Studies	12	B.Arch., 2002	CA/2004 /32834
			Jan - May, 2019	Arch. Design	4	M.Arch., 2005	
78	Tushar Agrawal	Faculty	July - Dec., 2018	-	-	B. Arch., 1996	CA/1997 /20943
			Jan - May, 2019	Professional Practice	2		
79	Uday B. Kapre	Faculty	July - Dec., 2018	Bldg. Const. and Elective	5	B. Arch., 1978	CA/1980 /05678
			Jan - May, 2019	-	-		
80	Vandana Balakrishnan	Faculty	July - Dec., 2018	Arch. Design	-	B. Arch., 1993	CA/95 /18315
			Jan - May, 2019	-	-	M. Arch., 1995	
81	Varun Seth	Faculty	July - Dec., 2018	Bldg. Mgmt.	4	B. Arch., 2013	CA/2014 /63976
			Jan - May, 2019	Professional Practice	2	MBEM, 2016	
82	Vijay Matange	Faculty	July - Dec., 2018	Arch. Design	9	B. Arch., 1985	CA/1985 /1977

			Jan - May, 2019	-	-	M. Arch., 1987	
83	Vikas Kanojia	Faculty	July - Dec., 2018	Urban Design Research	3	B.Arch., 2000,	CA/2001 /27442
			Jan - May, 2019	-	-	M.Arch., 2004	
84	Vishal Ranjan	Faculty	July - Dec., 2018	Visual Arts & Basic Design	15	B.F.A, 2012	-
			Jan - May, 2019	Visual Arts & Basic Design	9	M.F.A, 2015	
85	Vivek Varma	Faculty	July - Dec., 2018	Building Construction	7	B.Arch., 1985	CA/86 /9979
			Jan - May, 2019	Building Construction	8		

9. Details of studio work undertaken by the students:

Name of the studio	Precise objectives of the studio	Case study description	Major conclusions and outcomes
July-Nov 2018 Architectural Design III Semester (Studio Director, Section-B - Ms. Mekhla Parihar)	To study, observe and understand the role of culture as a guiding force in creating spaces. Introduce students to the social, economic and physical environment, climate of the place, materials and methods of construction and their impact on architecture in any given setting.	Assi Ghat at Varanasi is the main study area for the settlement study. The intent is to introduce the connection between architecture and culture. Students also visited Sarnath. Introduction to global architectural practitioners and analysis of their works to evolve "self".	Educating students to connect our past, present and future architecturally by studying elements of traditional architecture. Helping students develop a deeper sensitivity towards different cultures.
Jan-April'19 Architectural Design IV Semester (Studio Director, Section-B -	To explore all the above mentioned dimensions in	Introduction to different Public Buildings in Delhi and around the world to understand different ideas for concept, application of materials	Ability to analyse, design, document and communicate spatial transformations through architectural drawings, sketches, 3D physical models and 3D models using various software.

<p>Ms.Mekhla Parihar)</p>	<p>contrasting contexts of urban and rural.</p> <p>The projects included during the semester (a) Urban House Design (b) Documentation of Settlement (c) Pizzeria design at the Ghat based on students analysis and the surrounding areas.</p> <p>The studio explores :</p> <p>URBAN CONTEXT – interpretation of site forces and reactions (what to abstract)</p> <p>SYMBOLISM and THEORY – manifestation into built form</p> <p>FORM GENERATION and INTERNAL SPACE -psychology and physiology</p> <p>FUNCTIONAL DESIGN - considerations and their relation to form-generation aspects</p> <p>The focus of the studio project is to create a ‘Cultural Center’ with focus on social inclusion.</p> <p>To experience a ‘sense of place’ and find architectural methods to express</p>	<p>etc.</p>	<p>Creating a new architectural vocabulary through amalgamation of vernacular and contemporary building techniques.</p> <p>Ability to work in teams.</p> <p>Develop an understanding of the inter-relationship between form, self, and context in developing architectural expression for any space.</p> <p>Explore the concept of ‘social inclusion’ through site planning, clustering, massing, landscaping and complexities related to finding the balance in design with respect to people around the site.</p> <p>Introduction to new materials, construction systems, structural systems and communication of these through complex geometries.</p>
---------------------------	---	-------------	---

	it.		
Aarti Nagpal	CCL		
Architectural Design I (Studio Director, Section C- Ms. Arpita Dayal	Development of design communication through architectural language drawings, graphics, models etc Development of design thinking through knowledge, self-awareness, process of observe-focus-analysis, critical abstract and lateral thinking Development of basic design skills of observation, dexterity, representation, drawing and model making.	Students are taken on site visits across the city for architectural exposure. Examples of these are Qutub Minar, India Habitat Centre, Lodhi Garden, Triveni Kala Sangam	Generation of simple and complex compositions using primary elements to develop an explorative understanding with an Improved visual perception Development of basic representation skills and material dexterity using architectural vocabulary Understanding the third dimension as space and its constituents Wholistic comprehension of basic design with a focus on design process Theory and studio based subjects taught through an integrated approach for effective learning Peer learning and assessment with the design studio an important center for learning
Architectural Design II (Studio Director, Section A- Ms. Anjali Mittal AUGUST TO DECEMBER, 2018	Introduction to Traditional way of life through Vernacular Architecture. Introduction to Rural and Urban Settings. Understanding and articulating Human	Firozabad offers a unique case example of understanding traditional way of life situated around the craft of glass bangles and use of glass as a craft material. The craft of glass is deeply intertwined with the daily life cycle of the people of Firozabad. It offers a case where the work and	Understanding the tangibles and intangibles of the "Idea of Home" through an analysis of own home and a home outside. Identification of User Needs Understanding of the traditional way of life of

	<p>Needs- Developing an architectural program and its application to a site</p> <p>Introduction to Spatial Standards</p> <p>Design of a simple building for residential use.</p>	<p>home relationship is strongly observed and the act of glass making becomes a socio-cultural activity bringing the whole family and the neighbourhood together. In this, the study of Firozabad will provide a case for studying vernacular architecture and traditional way of life. A site will also be selected for the design of a residential unit in Firozabad.</p>	<p>people and how it is impacted by the social and environment.</p> <p>Exploration of the concepts of : Public Private Interface Space Efficiency in Dwelling unit design Shared resources</p> <p>Changing Lifestyle & Contextual Response</p>
<p>Architectural Design II (Studio Director, Section A- Ms. Anjali Mittal JANUARY TO MAY 2018</p>	<p>To focus on the site and context and their relationship to the built environment.</p> <p>To study activities, services and construction methods, phenomena of social utility, growth and analyse changes over a period of time.</p> <p>Study of a historic precinct of buildings planned with a characteristic relationship to the importance of the locale.</p> <p>To understand the daily cycle of life in a traditional neighbourhood centred around work-live relationship and how it is intertwined in the cultural, social</p>	<p>Field trip to Deeg and Lohagarh, Bharatpur, Rajasthan</p>	<p>Understanding of the 'spirit of a place' and what contributes towards it.</p> <p>Understanding of the structure of an urban precinct.</p> <p>Comprehending User narratives and space relations. Understanding how designing affects experiences and emotions with time.</p> <p>Exploring Built, Semi open and Open spaces. Design development of a precinct with different spaces interfacing each other.</p> <p>Understanding the in-between spaces as tools to enhance the built quality.</p> <p>Identifying various characters in the city and their significance</p>

	<p>and urban fabric of the settlement.</p> <p>To understand the physical character of dwelling units, the interface between public and private realm.</p> <p>To identify a site and analyse its attributes for design of an institutional/ hospitality building complex as the main exercise in the design studio.</p> <p>Design of a group of buildings set in the context of the study with a focus on site and surroundings.</p> <p>Design of the environment outside the building.</p>		<p>in the use of space including their requirements/needs/ socio- economic conditions/role in the economy/function in the city fabric, etc.</p> <p>Understanding intervention and built edges and its relationship within the macro urban context</p>
<p>Architectural Design II (Studio Director, Section-C –Mr. Shuvojit Sarkar)</p>	<p>Understanding perspective and sciography and using it as a tool to represent ideas</p> <p>Understand architecture as a assembly of various components Develop skills of observation, measurement, representation and drawing of built spaces through drawings and models.</p> <p>The students of the</p>	<p>Measure drawing exercise learnt through measuring and drawing the historical built form at Puducherry</p>	<p>Understanding spaces as outcome of anthropometric dimensions and analyzing and representing them through drawings and models.</p> <p>Understanding of light and shade and depth as an important tool to create spatial experiences Skills of recording, representation through drawings (free hand and drafting) and rendering through various mediums. Develop Design</p>

	<p>class studied, measured and documented the built form in Puducherry</p> <p>A detailed documentation was done for the group of Built form. An analysis of construction systems and history of the buildings was also done.</p>		<p>thinking, skills and understanding design process</p>
<p>Architectural Design I (Studio Director, Section-C –Mr. Shuvojit Sarkar)</p>	<p>Understand the Principles of Design and Elements of Composition. Develop skills of sketching, orthographic representations, drafting and model making. Understand design as a process. Develop and communicate effectively concepts and ideas through sketches, drawings and models.</p> <p>Sharing and discussing with the students various exercises similar in nature done in other schools.</p> <p>Exposing them to quality works of high standards of seniors and other students and encourage them to strive and emulate it.</p>	<p>Drawings and Models of the orthographic projections.</p>	<p>Understanding and learning by observing, doing and analyzing. Understand, appreciate and think on the various approach creative processes/design. To be able to independently make a rational choice and attempt to take it to its logical conclusion. Develop skills of sketching, drafting and model making through practice and rigor. Encouraging the students to explore independently, freely and to think out of the box</p>

10. Details of the thesis work undertaken by the final year students:

S. No.	Roll No.	Name of Students	Thesis Topic
1	A/2667/2014	Abhishek V T	Inland Marina and Cultural Center Alleppey, Kerala.
2	A/2597/2013	Akshita Arya	Cultural Art Centre, Dwarka, New Delhi
3	A/2677/2014	Anshul Kumar	International Convention Center, Prayagraj
4	A/2687/2014	C Dheeraj Venkata Manikanta	Canal Oriented Development, Vijayawada, Andhra Pradesh.
5	A/2686/2014	Chakshu	Integrated Civic Centre, Sector-25 A, Noida
6	A/2690/2014	Daksh Kalra	Swarit Music Centre, Dwarka Sec-17, New Delhi
7	A/2706/2014	Kataru Venkata Sai	300 Bed Super Speciality Hospital, Agra
8	A/2743/2014	Saumya Kalra	College Campus : University of Delhi, Surajmal Vihar
9	A/2633/2013	Shreya Das Monalisa	National Martial Arts Academy, Sector 25, Chandigarh
10	A/2756/2014	Soumya Uttam	Campus of Ambedkar University, New Delhi
11	A/2760/2014	Sunakshi Jain	Tansen Sangeet Kala Kendra, Gwalior, MP
12	A/2697/2014	Heerali Singh	Worker'S Housing and Community Facilities For A Tea Estate, Goodricke Meenglas Tea Estate, Jalpaiguri, WB
13	A/2703/2014	Jribh Shandilya	Football Stadium and Sports Complex, Dwarka, Delhi
14	A/2704/2014	Kamya Khandelwal	Cultural Landscape Development, Mansagar Lake, Jaipur
15	A/2721/2014	Nimisha Saraf	Mixed Use Project, Lado Sarai, New Delhi : Finding the Lost Connections
16	A/2733/2014	Prakriti Malhotra	Re-Interpreting Sustainability In Dubai, Community School, JLT, Dubai
17	A/2740/2014	Samyak Jain	Center for International Research on Human Unity, Auroville, Tamil Nadu
18	A/2753/2014	Sonaali Bhatla	Altering the Nallah Interface: Mixed Use Development Along The Najafgarh Nallah in New Delhi
19	A/2755/2014	Sonalika Arora	Hari Nagar Sub District Centre, Connecting the City to it'S Greens
20	A/2767/2014	Tushar Basumatary	Bodoland Art and Cultural Heritage Centre, Kokorajhar, Assam
21	A/2770/2014	Vedanth Misri	Redevelopment of Wholesale Market, Okhla Mandi, Delhi
22	A/2775/2014	Yarra Surya Teja	Canalfront Development Kakinada, Andhra Pradesh
23	A/2521/2012	A.V. Dipen	Lachung Tourist Centre, Lachung, Sikkim

		Kumar	
24	A/2663/2014	Aakanksha	Tis Hazari District Court Redevelopment, New Delhi
25	A/2524/2012	Alok Tirkey	Transit Oriented Development of Integrated International Convention and Civic Center, Dhurva, Ranchi
26	A/2673/2014	Anashwara Jayakumar	Mixed-Use Arts Hub-Kochi, Kerala
27	A/2689/2014	Christopher Gerharot	National War Museum, New Delhi - The Journey of a Nation
28	A/2694/2014	Gokul Goyal	Place-Making in Jaipur Urban Centre, Jaipur
29	A/2698/2014	Hilor Sharma	The Prime Minister Museum, New Delhi
30	A/2730/2014	Patil Chirantan Makarand	Urban Land Recycling - Redevelopment of Shakti Mill Compound, Mumbai
31	A/2661/2013	Revathi Anandan	Muziris Maritime Museum, North Paravur
32	A/2765/2014	Thodupunuri Gopi Krishna	Hyderabad Habitat Centre, Hyderabad
33	A/2766/2014	Thrishall S	Mixed-Use Interchange Hub, Chennai Central
34	A/2570/2013	Anshu Pal	Textile Studio & Training Center, Maheshwar
35	A/2696/2014	Gulshan Sahzada K A	300 Bed Hospital, Calicut, Kerala
36	A/2701/2014	Iswarya M Mohan	National Science Center , Kottayam
37	A/2605/2013	J.Arjun	Vellar Crafts Village, Thiruvananthapuram
38	A/2702/2014	Jasmine Arora	Design for Design - East Campus, GGSIP University, Surajmal Vihar, New Delhi
39	A/2708/2014	Koripelly Sneha Reddy	Socio-Cultural Centre, Hyderabad, Telangana
40	A/2725/2014	Nuti Naga Tarun	International Boarding School at Amaravati, Andhra Pradesh
41	A/2716/2014	S Munawar Irfaan	Residential School at Chennai
42	A/2751/2014	Simran Dayal	Skill Upgradation Centre, Kota, Rajasthan
43	A/2754/2014	Sonakshi Gambhir	The Senior Wellness Town- An Integrated Intergenerational Healthcare Community, Greater Noida, UP
44	A/2700/2014	Isha Agarwal	Research Facility, IIT Kanpur
45	A/2666/2014	Abhirami Indu Valsaraj	Centre for Transgender Community Empowerment, Kozhikode, Kerala
46	A/2675/2014	Annapureddy Meghana	Inclusive Mixed Housing, Hyderabad
47	A/2709/2014	Kshitiz Mor	International Cruise Terminal, Ballard Pier Mumbai
48	A/2711/2014	Mausam Jamwal	Nirmal Chhaya Complex, Janakpuri: Rehabilitation Shelters for Distressed Women

49	A/2715/2014	Mullapudi Venkata Sai Sashank	Rehabilitation Center for De-Addiction and the Clinically Depressed, Visakhapatnam
50	A/2717/2014	Mynasabgari Sharifunnisa	National War Museum, New Delhi
51	A/2757/2014	Sourabh Yadav	Indian Institute of Baudha Darshan and Monastic School, Tabo, Spiti, Himachal Pradesh
52	A/2758/2014	Spandan Das	Kolkata Museum of Modern Art, Kolkata West Bengal
53	A/2764/2014	Swarnim Chandra	Ndmc School, Lodhi Colony, New Delhi: Redesigning Through Alternative System
54	A/2769/2014	Vaibhav	National Center for Arts, IGNCALawns, New Delhi.
55	A/2773/2014	Vitesh Bansal	Juvenile Correctional Centre, Narela, Delhi
56	A/2664/2014	Aakash Jain	Live. Work. Play.- Mixed Use Development for Millennials
57	A/2676/2014	Anshu Bhardwaj	Kashi Museum and Centre for Philosophical Discourse Varanasi, Uttar Pradesh
58	A/2679/2014	Arindam Raj Nirala	Varanasi School of Music and Performing Arts, Varanasi, Uttar Pradesh
59	A/2553/2013	Pawan Kumar Mishra	International Indoor Velodrome, Lucknow
60	A/2732/2014	Pooja Gupta	Mughal Museum, Agra
61	A/2567/2013	Rishav Das	Integrated Educational Campus for Students of Various Degrees of Visual Ability , Sector-17, Dwarka
62	A/2747/2014	Shivam Kumar Sahu	Integrated Bus Terminal, Jabalpur
63	A/2749/2014	Shruti Agrawal	Healing Hospital with Psychiatric Treatment Int Hospital, Dwarka, Sector-10, Delhi
64	A/2626/2013	Sumit L. Gade	Exploring Architecture for Improving Education Culture, School at Narela- Sector A7, Delhi
65	A/2761/2014	Surapaneni Amulya	Gateway to Amaravati - Riverfront Business Hotel at Vijaywada, Andhra Pradesh
66	A/2763/2014	Swapnil Dangri	Kargil War Memorial and Museum
67	A/2771/2014	Vicky Kumar Roy	Forest College and Research Institute, Munger, Bihar
68	A/2662/2014	A. Anusha	South Central Zone Cultural Centre, Nagpur
69	A/2620/2013	Abhinav Ankur	5 Star Hotel, Ranchi, Jharkhand
70	A/2678/2014	Anwasha Sarangi	Mimansa - Museum of Kalinga Temples, Bhubaneswar
71	A/2681/2014	Arnav Jain	Noida Cultural and Convention Center, Sec-33A, Noida
72	A/2692/2014	G Anusha	Kakatiya Kala Kshetram - Heritage Museum and Cultural Landscape, Warangal Telangana
73	A/2710/2014	Manvi Nigam	Archaeological Museum and Institute Greater Noida

74	A/2707/2014	Nisha Verma	Gomti Nagar Railway Station Redevelopment, Gomti Nagar, Lucknow, Uttar Pradesh
75	A/2727/2014	Parth Kapoor	Inter State Bus Terminal, Dharamsala
76	A/2728/2014	Parul Garg	Re-Interpreting Justice in Democracy: Dehradun District Court
77	A/2737/2014	Rik Majumdar	Institute of Visual and Performing Arts Santiniketan, West Bengal
78	A/2772/2014	Vinay Prabhakar	Redevelopment & Revitalisation of Kudla Central Market, Mangaluru, Karnataka
79	A/2672/2014	Ananya Kashyap	Redevelopment of General Pool Residential Accommodation at Mohammadpur, New Delhi
80	A/2492/2012	Ankit Kumar	Sainik School, Rewari
81	A/2685/2014	Ayushi Agarwal	Centre for Holistic Wellness- National Institute Of Homeopathy, Narela, Delhi
82	A/2601/2013	Himanshi Sharma	Dhirubhai Ambani Global Centre, Aerocity, Delhi
83	A/2705/2014	Kamya Khurana	Redevelopment of Central Market Lajpat Nagar, New Delhi
84	A/2718/2014	Nandan Manjunath Arekal	Mandipet Market Redevelopment, Davangere, Karnataka
85	A/2722/2014	Niranjan Kaur	National Museum of Architecture Lado Sarai New Delhi
86	A/2736/2014	Rachita Saxena	National Museum For Tribal Freedom Fighters, Garudeshwar , Gujarat .
87	A/2494/2012	Rupesh Kumar Verma	Development Management Institute, Bihta-Patna, Architecture of 'Humility'
88	A/2762/2014	Suryakant	Home for Elders And Orphans, Lucknow
89	A/2532/2012	Vikas Kumar	A P J Abdul Kalam Science Museum, Patna, Bihar
90	A/2564/2013	Prabhanshu Shekhar	Inter State Bus Terminal Cum Commercial Centre

11. Details of the Ph.D. thesis topics:

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor
2012-13	Ms Neena Singh Zutshi	Samrangana Sutradhara and Contemporary Architecture in India : An Empirical Interpretation	Prof. Manoj Mathur
2013-14	Shri Abhijit De	Architecture of the House : The Home in the 21st Century Indian City and its Aesthetic Origins	Prof. Dr. Ranjana Mital
2013-14	Ms. Aarti Grover	Gender Perception and Preferences of Design Public Spaces	Prof. Dr. Ranjana Mital
2014-15	Ms. Manjari Khanna	Integrating Security in the Architecture of Public Environments -	Prof. Dr. Mandeep Singh

	Kapoor	An Assessment & Evaluation Tool	
2016-17	Mr. Atul Kumar Singla	Optimal Resource Planning for University Design	Prof. Manoj Mathur
2016-17	Ms. Suruchi Modi	Evaluating the social sustainability of residential high rises from the perspective of raising children	Prof. Dr. Mandeep Singh
2016-17	Ms. Pallavi Sharma	Architecture Beyond Mimetics	Dr. Leon Morenas
2016-17	Mr. Khushal Matai	Environmental Impact of Solar Photovoltaics Installation/Integration on Urban Heat Island Effect and Strategies for Mitigation	Dr. Shweta Manchanda
2017-18	Ms. Parul Kiri Roy	Questioning Permanence in Architecture	Prof. Manoj Mathur
2017-18	Ms. Monolita Chatterjee	Design Against Crime Against Women for Urban India – Kerala	Prof. Dr. Jaya Kumar
2017-18	Ms. Jyoti Singh	Transformation of Concept into Product; A Detailed Study on Concept Development in Architecture Design Studio	Prof. Dr. Jaya Kumar
2017-18	Ms. Deepshikha Sarkar	Design of a Climatic Responsive Architecture for Residential Buildings	Prof. Dr. Jaya Kumar
2017-18	Ms. Priyanka Gayen	Strategic Framework for Designation of Modern Heritage in India	Prof. Dr. Jaya Kumar
2017-18	Ms. Hinna Devi Singh	Understanding Contemporary Vernacular Mountain Architecture	Prof. Dr. Jaya Kumar

12. Details of the Research Projects:

Name of the Project	Name of Team Leader and Faculty	Thrust Area	Expected Outcomes
Transient, affordable, sustainable construction system (DIC, MHRD)	Parul Kiri Roy Shuvojit Sarkar Anjal Mittal	Product and System development under Design Innovation Centre	Industrially manufactured construction system for construction worker camps, low cost housing and slum habilitation.
Comprehensive Conservation Plan for the National	Saptarshi Sanyal	Conservation and built	Condition Appraisal/ Documentation / Space Audit /

Archives of India (in association with Dept of Architectural Conservation)		heritage management	Cultural resource protection and management
Universal Shading Device (DIC) MHRD	Shweta Manchanda Mekhla Parihar	Product development for solar response	Marketable shading device for application for difference climatic zones
Transient, affordable, sustainable construction system (DIC, MHRD)	Parul Kiri Roy Shuvojit Sarkar Anjal Mittal	Product and System development under Design Innovation Centre	Industrially manufactured construction system for construction worker camps, low cost housing and slum habilitation.

13. Publications:

S. No.	Name of the Faculty	Publications
1.	Dr. Aruna Ramani Grover	• Bhandari, H., Kaur, P. & Grover, A.R. (2018). Value Assessment of Shaktipithas: An aid to Conservation. <i>International Journal of Research and analytical Reviews</i> , 5 (2).
2.	Mr. Shuvojit Sarkar	• Sarkar, S. and Jain, G. (2018). Urban Development and Ecological Imbalance on the Eastern Fringes of Kolkata. <i>Journal of Civil Engineering and Environmental Technology</i> 4(3). 205-208.
3.	Mr. Saptarshi Sanyal	Sanyal, S. (2018). "The evolving role of India's foremost heritage custodian: Archaeological Survey of India" In Manish Chalana and A.K. Jayant (Eds.), <i>Preservation Practice in India: Current Trends</i> (tentative title). New York: Oxford University Press Sanyal, S. (2018). "The Imperial Record Office in Delhi: an architectural paradox". In <i>SAHC 2018, 11th International Conference on Structural Analysis of Historic Constructions</i> (Peru), Cusco, Peru.
4.	Dr. Rajaprakash P.	Rajaprakash, P. (2017). "Theoretical Discourse: Reemerging Nature inspired design philosophies in Architectural Theories". In <i>International Conference in Venice, Italy</i> . ISBN: 978-93-86083-34-0
5.	Dr. Shuvojit Sarkar	Sarkar, S. & Jain, G. (2018). Measuring Sustainability of Million Plus Cities in India: An Index Based Approach, <i>SPACE The SPA Journal of Planning and Architecture</i> , 21 (1-2). 51-73.

6.	Ms. Aarti	<ul style="list-style-type: none"> • Aarti. (2018). Sustainable Waste Water Management for Smart Cities. <i>International Journal of Environment Planning and Management</i> 4 (1). • Aarti. (2018). Role of Elements and Principles of Design in Architectural Design. <i>International Journal of Architectural Design and Management</i> 11 (1)
----	-----------	--

14. Faculty serving on Committees, Editorial Boards, etc.:

S. No.	Name of the Faculty	National Committees	International Committees	Editorial Boards	Any Other
1.	Ms. Arpita Dayal	Associate Member - IUDI (Institute of Urban Designs of India) Member - Council of Architecture			
2.	Dr. Aruna Ramani Grover	1. Expert Member – Delhi Urban Arts Commission 2. Examiner JEE Examination for Architecture and Physical Planning conducted by CBSE, Ministry of HRD, GOI 3. Expert Member - South Zone, Evaluation of DPR for Tagore Cultural Centres, Ministry of Culture, Government of India. Till December 2017		1. Member of the Editorial Board of the International Journal of Housing and Human Settlements Planning, (ISSN – 2455-8516 online) Journals Pub 2. Member of the Editorial Board of Creative Space (ISSN print: 2321-3892 and ISSN online: 2321-7154),	1. Chairpers on, Doctoral Research Committee, Department of Architecture, Jamia Millia Islamia, New Delhi 2. Expert Member for Selection of Professor of Architecture in the Department of Architecture and Landscape Design at SMVD University, Jammu 3. Jury

				published by Chitkara University, Chandigarh	<p>Member, Thesis Examinations of Indian Institute of Architect, India</p> <p>4. Jury Member for evaluation of B.Arch. Architectural Thesis at SPA Bhopal</p> <p>5. Jury Member for evaluation of B.Arch. Architectural Thesis at Vastukala Academy</p> <p>6. Member, Doctoral Research Committee, Department of Architecture, SPA Delhi</p> <p>7. Chairperson, Complaints Committee for Sexual Harassment.</p> <p>8. Member of</p>
--	--	--	--	--	---

					<p>Departmental Board of Studies</p> <p>9. Chairpers on of Committee for preparation of IPR policy of the School</p> <p>10. Member of Senate</p>
3.	Ms. Mekhla Parihar	Member, Council of Architecture	Member, United State Green Building Council (USGBC)		Deputy Warden, SPA Residential Complex, Maharani Bagh, New Delhi
4.	Dr. Ranjana Mital	<p>On Board of Studies of MNIT, Jaipur, SMVDU and CURaj, Jaipur</p> <p>On panel of inspectors of CoA</p> <p>Expert member – East zone for tagore cultural centres -----</p>			<p>1. Member, DRC, Deptt. of Architecture & Ekistics, Jamia Millia Islamia</p> <p>2. Chair person, Library Advisory Committee, SPA, New Delhi</p> <p>3. Member, Housing Allotment committee, SPA, New Delhi</p>
	Dr. Shuvojit Sarkar	National committees - Member Technical Committee: Stones Sectional Committee, CED 6:		Expert/ Referee for Springer for the Journal on	<p>1. Warden, SPA New Delhi</p> <p>2. Member Anti</p>

		<p>Bureau of Indian Standards</p> <ul style="list-style-type: none"> - Bureau of Indian Standards - Member Technical Committee: Panel for Acoustics, Sound Insulation and Noise Control, CED 46:P15 - Appointed Expert Member Council of Architecture (COA) New Delhi 		<p>Environment, Development and Sustainability</p>	<p>Ragging Committee</p> <ol style="list-style-type: none"> 3. Member Editorial Board of Newsletter of SPA, New Delhi 'Disha' 4. Member Secretary Hostel Management Committee 5. Member Secretary Grievance Redressal Committee 6. Student Advisor UG Architecture
5.	Mr. Saptarshi Sanyal	<p>Saptarshi Sanyal, Coordinator for the National Scientific Committee of the International Council on Monuments and Sites (ICOMOS, India)</p>			
6.	Dr. Rajaprakash Purushothaman	<p>Appointed Expert Member Council of Architecture (COA) New Delhi. Examiner JEE Examination Observer Duties for Architecture conducted by CBSE, Ministry of HRD, GOI</p>			<p>COA Nominated Member for Comprehensive Course Appraisal Report on College of Architecture, Noida International University, G. Noida COA</p>

					President Nominated
7.	Parul Kiri Roy				<p>1. Member of Senate, SPA New Delhi.</p> <p>2. Member of Academic Council, Kalhath Institute, Lucknow.</p> <p>3. External Jury to assess Year I, Jindal School of Art and Architecture, O.P Jindal Global University, Sonapat.</p> <p>4. Voluntary Associate-Founder Member INDES (Investigating Design)</p> <p>5. Co-Director & Head of Delhi Chapter of CASP (Council of Art and Social Practice)</p>

8	Prabhjot Singh Sugga				1. Member of Senate, SPA New Delhi. 2. Member-IGBC Green High Speed Rail Technical committee (Bullet Trains)
9	Dr. Leon Morenas	Editorial Board Member, International Journal of Architecture and Ekistics	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 the School of Planning and Architecture, Vijayawada	Reviewer, Enquiry: A Journal for Architectural Research, Architectural Research Centers Consortium (ARCC) Reviewer, Journal of Urbanism: International Research on Placemaking and Urban Sustainability.	

15. Exhibitions, Seminars or Workshops Organized by the Department:

Ms. Anjali Mittal	<ul style="list-style-type: none"> End term exhibition Firozabad: Story Ek Churi Assi Haath Second Year 2018 Architectural Design Studio End her Exhibition- Lohagarh Second Year 2019 Architectural Design Studio SWAYAM Sensitization workshop held on 3rd Oct 2018 in the New Committee Room Planning Block. 3RD OCT 2018
Ms. Parul Kiri Roy	<p>Student works public exhibition:</p> <ul style="list-style-type: none"> Engaging with the idea of 'smart' in the built environment- The exhibition consisted of all academic work done by B.Arch. II year students in session 2016-2017, including studies-analysis, design projects and art projects. Comprising of smart space for living (designing of a human habitat that is off the grid), study of the traditional settlement of Shahjahanabad-Delhi, study of village Dauhla

	(adopted by Rashtrapati Bhawan- President's house under model 'smart' village project) and related design projects and study of Puducherry as a 'smart' city and related design projects and art works
Ms. Mekhla Parihar	<ul style="list-style-type: none"> Organized and coordinated workshop on "Biomimicry" held at the Department of Architecture on Feb 25-27, 2019 as part of the Platinum Jubilee Celebrations.
Dr. Leon Morenas	<p>Platinum Jubilee Lecture Series Coordinator</p> <ul style="list-style-type: none"> The Department of Architecture of the School of Planning and Architecture, Delhi is celebrating its Platinum Jubilee this year. To celebrate this occasion, the Department has organized a Lecture Series to be delivered by our alumnae from around the country or abroad. We have had five Platinum Jubilee Lectures to date. They have been delivered by Ar. Prem Chandavarkar (Class of 1978) from Bangalore, Dr. Geeta Mehta (Class of 1978) from New York, Ar. Anshuman Malur (Class of 2000), Dr. Priyaleen Singh (Class of 1981), and Ar. Abha Narayan Lambah (Class of 1993), and Ar. Ajit Pai (Class of 1998) respectively. Ar. Chandavarkar delivered a lecture entitled, "The Architecture of Practice," Dr. Mehta lectured on "Can Architects Design for Social Justice?," Ar. Malur spoke on "Of wars, the Lehman crisis and a homecoming - The personal reflections of a failed architect!" Dr. Singh and Ar. Lambah discussed the importance of "Demystifying Conservation" and Ar. Pai spoke about "The Ephemeral and Empirical— Timeless Architecture and Urbanism."

16. Participation in seminars or workshops, etc.

S. No.	Name of the Faculty	Seminar or Workshop
1.	Ms. Arpita Dayal	<ul style="list-style-type: none"> Attended the international seminar on the role of technology in democratic politics in the 21st century at IIC, New Delhi supported by Delhi Science Forum and India cultural forum on 9th – 10th July 2018 Participated in The Integrating Science with Society Conference On 15-16 December 2018 At Gandhi Bhavan , Jadavpur University, Kolkata Participated in round table discussion on 'Local Area Plan' in association with the URJA, SSAA, SPA Delhi, USAP GGSIP University & SAP Sharda University, named "Dilli Ki Raftar" at IIC, New Delhi on 26th Dec 2018
2.	Dr. Aruna Ramani	<ul style="list-style-type: none"> Presented a paper titled The Changing Paradigm in Architecture of Shaktipithas at Himachal Pradesh: The Living

	Grover	<p>Religious Heritage, Ms. Harveen Bhandari, Dr Prabhjot Kaur, Dr Aruna Ramani Grover, at the International Conference on Trends in Architecture and Construction (ICTAC), 18th September 2017, organized by University Institute of Architecture, Chandigarh University.</p> <ul style="list-style-type: none"> Presented a paper titled The History of Architecture Course: Potential role in the Bachelor of Architecture Curriculum, in Session 2 - Academic Discourse: Teaching methods for Modern Architectural History, at Commemorating the Legacy of Pierre Jeanneret: foot architect of Chandigarh, 3rd-4th December 2017, organized by Chandigarh College of Architecture, Chandigarh.
3.	Mekhla Parihar	<ul style="list-style-type: none"> Lecture by Dr. Pushpa Pathak on “Displacement and its implications for Rehabilitation” Regional Department Studio, Planning Block, SPA, New Delhi on 29th August 2018. Participated in 10th GRIHA Summit at IHC, New Delhi on 11th-13th December 2018. Lecture by Ms. Geeta Mehta, Faculty Columbia University, USA on “Can Architects Design for Social Justice” at Kamladevi Complex, IIC, New Delhi on 22nd January 2019. Talk by Dr. Aruna Bagchee (Retd. IAS) on “Vernacular Built Heritage of Iconic Saree Weaving Clusters of India” at INTACH, New Delhi on 28th March 2019. Lecture by Anshuman Malur, Architect, on “Of Wars, the Lehman Crisis and a Homecoming – The Personal Reflections of a Failed Architect” at IIC, New Delhi on 26th March 2019. Lecture by Sangeeta Kapoor on “Kuccha Pucca” at Department of Architecture, SPA, New Delhi on 27th March 2019. Lecture by Prof. Nabeel Hamdi on “Community Planning” at New Committee Room, Planning Block, SPA, New Delhi on 12th Feb 2019. ALL INDIA DIC MEET 2019 on 11th and 12th April, 2019 at Dr. Ambedkar International Centre (DAIC), Janpath, Windsor Place, New Delhi.
4.	Dr. Shuvojit Sarkar	<ul style="list-style-type: none"> All India DIC Meet Held at Ambedkar International Centre, 15-16 April, 2019
5.	Anjali Mittal	<ul style="list-style-type: none"> All India DIC Meet 22 April 2019 Workshop: Exploring collaborations under PMAY-G" held on 16th January 2018 One day orientation workshop on the development of MOOCs, on 10th May, 2018 at 9:30 am in the UGC, Main office New Delhi. Vimarsh: A conclave of the SPA Alumni with the SPA 27th July 2018
6.	Parul Kiri Roy	<ul style="list-style-type: none"> Education Summit organized by Mail Today, India Today group, ITC Maurya, New Delhi (July 2019).

		<ul style="list-style-type: none"> • Research Methodology course (Part of PhD process)- Jan 2019 and April 2019. • Seminar- 'Re-imagining Delhi- Urbanity Resides in Public Spaces', Architecture and Society, Greha, IHC, Delhi (April, 2019). • Seminar- 'Contemplating Built Environment', Chintan, School of Architecture and Planning, G.D. Goenka University, IHC, Delhi; March 2019. • Lecture: Prof.Nabeel Hamdi- Engaging the humanitarian in place making, SPA New Delhi, (Feb.2019). • Seminar- '100 years: Re-imagining Delhi', Seminar, Architecture and Society, Greha, IHC, Delhi; Sept. 2018. • Organization and participation in All India DIC Meet organized by SPA-DIC (April 2018). + Other SPA-DIC meets (Dec 2018, July 2019). • Lecture- Alma Salem (Syrian Art Curator)- Aesthetic as essential human right, IHC, Nov.2018. • Workshop- National Consultation: Mainstreaming Sustainable Social Housing in India (MAS-SHIP), Oct.2018, IHC, Delhi. • Lecture- Prof.Ashish Nandy- Lost Cities and their Inhabitants, IHC, Delhi, August 2018. • Contributor in roundtable conference on 'Sustainable Rural Housing', Development Alternatives Group, Delhi, (July 2018). • Symposium- When is Architecture? (The affective lives of the built environment) at IHC, Delhi organized by JSAA, OP Jindal Global University, Sonapat. (May 2018)
7.	Dr. Leon Morenas	<ul style="list-style-type: none"> • Morenas, L. (<i>Invited Presentation</i>) Governing through Technology: Command Centers and Big Data in Smart Cities (National Seminar on New Media and Democracy in the Post Truth Era organized by the Apex Council for Culture, Department of Culture, Government of Kerala at Kozhikode on 30th March 2019) • Morenas, L. (<i>Invited Presentation</i>) Citizenship in the Age of Big Data. (Expanded and Updated) (Center for the Study of Law and Governance, Jawaharlal Nehru University, Delhi on 17th January 2019) • Morenas, L. The Maltusian Foundations of the Delhi Master Plan. (Measuring Futures: Expertise and Postcolonial Politics in Asia at the University of Chicago, Center in Delhi on 10-11 Dec 2018)

17. Departmental Advisory Committee:

Internal Members

- Prof. Dr. Mandeep Singh

- Prof. Dr. Aruna Ramani Grover
- Prof. Dr. Ranjana Mital
- Prof. Dr. Anil Dewan
- Prof. Dr. Jaya Kumar
- Prof. YK Jain
- Dr. Leon A. Morenas
- Dr. Shweta Manchanda
- Ms. Mekhla Parihar

External Members

- Shri Alok Sharma
- Dr. Vinod Gupta
- Shri Prasanna Desai

18. Departmental Research Committee:

Internal Members

- Prof. Dr. Mandeep Singh, HOD, Chirman
- Prof. Dr. Sewa Ram, Coordinator Ph.D
- Dr. Jaya Kumar

External Members

- Dr. Mahua Mukherjee, Roorkee Uttrakhand
- Dr. Kavita Daryani Rao, Hyderabad

19. Any other information

Ms. Arpita Dayal was invited for the following events:

- Invited for Second Year jury at IGTDW (Indira Gandhi Delhi Technical University for Women), Delhi on 9th May 2018
- Invited for First Year jury at USAP (University School of Architecture and Planning), Dwarka on 16th May 2018.

Ms. Parul Kiri Roy was involved in social work:

- **Community Engagement Work:** Active member of *Mehrauli Collective*, currently working on community embedded approach to urban renewal and environmental improvement of the historic settlement of Mehrauli.
- Active member of *Investigating Design*, mentoring and facilitating design thinking workshops with underprivileged children. Documentation of the workshops, communication and coordination. Current Project- Documentation of the habitat of the Gujjars of Marhote, Surankote, Jammu and Kashmir. (June 2019- ongoing).
- Active member of *CASP (Council of Art and Social Practice)*, facilitating

community based art projects and workshops. Current Project- Creating Child Friendly Learning Environments in 49 schools in East Delhi. (Part of the CLaP- Creative Learning and Practice Program). Initiated by SEEDS, India, funded by Honeywell

Department of Physical Planning

1. Name of the Department

Department of Physical Planning

2. Names of academic programs offered by the Department

- Bachelor of Planning
- Integrated Master of Planning
- Ph.D.

3. Year of establishment of the Department

1990

4. Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Mahavir	B. Arch., MURP, PG Diploma (Remote Sensing), Ph.D. (ITC-Utrecht, The Netherlands) FITP	Professor of Planning; Dean (Academics); and Vigilance Officer	Urban and Regional Planning, Geo-informatics	31
Ashok Kumar	M.Sc. (Geography); MP (URP); PGDHRM; Ph.D. (The University of Liverpool, U.K.); Postdoctoral studies at University of Glasgow, U.K. and NTNU, Norway	Professor of Physical Planning; and Member Secretary, Internal Quality Assurance Cell	Planning Theory; Participatory Planning; Spatial Justice; Public Planning Policy; Governance; Equity, and Planning Values and Ethics	28

Mayank Mathur	B Arch, M.Planning (Housing), PG Diploma in Housing Planning and Building (The Netherlands), Ph.D. (SPA, New Delhi)	Professor of Physical Planning; and Estate Officer	Housing and Community Planning, Urban Design, Design of Human Settlements	29
Rabidyuti Biswas	B.E (Civil), Master of Regional Planning (IIT Kharagpur), Ph.D (IIT Roorkee)	Professor of Physical Planning, Head, CASS, RS and GIS, Head, Regional	Regional Planning, Planning Techniques, Infrastructure Planning and Management	24
Poonam Prakash	B.Arch., M. Planning (Housing), Ph.D.	Professor of Physical Planning	Housing, Public Participation, Planning Education, Decision Making	24
Taru Jain	B.Plan, M.Sc. Transport Engineering	Assistant Professor of Physical Planning (on study leave)	Transport Planning	--
Chidambara	B. Planning M. Planning (Transport) Ph.D.	Assistant Professor of Physical Planning	Transport Planning, City and metropolitan planning, Spatial Analysis, Sustainable Mobility, and Research Methods	18
Priti Deo	M.A. Geography M. Planning (Regional Planning)	Assistant Professor of Physical Planning	Regional Planning, Geo Informatics Systems, Demography and Urbanization, Planning Techniques	15
Papiya B. Raut	M.A. Geography M. Planning (Regional Planning)	Assistant Professor of Physical Planning	Regional Planning, Rural Development, Village and Community Resource Planning, GIS and Remote Sensing	24

Piyooash Singh	B. Arch MCP (Masters in City Planning)	Assistant Professor of Physical	City Planning Settlement History Site Planning	11
----------------	---	---------------------------------	--	----

5. Contract Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Ravi Inderjeet Singh	B.Arch, and M.Planning	Contract Faculty	City Planning, site Planning	4
Ankita Mandal	B. Plan, M.Planning (Environmental Planning)	Contract Faculty	Environmental Planning	3

6. Details of teaching work undertaken by the regular faculty in the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Dr. Mahavir	II	Geo-informatics for Planning – I;	3
	VII	Planning for Regions;	2
	VII	Regional Planning Studio (Chandigarh Capital Region);	3
	VIII	Planning and Design Thesis;	6
Ashok Kumar	VII	Planning and Design Studio (Regional Planning – Kurukshetra, Haryana	3
	III	Planning Theory – I	3
	IV	Planning Theory – II	3
	VI	Planning Studio – Development Plan – New Raipur, Chhattisgarh	3
	VIII	Thesis and Terminal Project	8
Mayank Mathur	I	Planning and Design Studio – I	8
	IV	Urban Design	2
	V	Housing and Community Planning	2
	VI	Planning Studio – Master Plan for Surat	8
	VII	Dissertation	2
	VIII	Thesis and Terminal Project	3
Rabidyuti Biswas	III	Planning Techniques II	2
	III	Infrastructure Planning I	3
	VI	Planning Studio (Master Plan)	6

	VII	Planning Studio (Regional Plan)	8
	VIII	Thesis and Terminal Project	6
	VII	Environmental Planning	1
Poonam Prakash	I	Planning Techniques I	2
	II	Planning Communication I	2
	III	Planning Studio II	5
	V	Planning Techniques II	2
	V	Planning Studio V (Zonal/Subzonal)	5
	VIII	Thesis	6
	VIII	Planning Practice and Legislation	2
Papiya Bandyopadhyay Raut	II	Site and Land Development	1
	III	Ecology and Resource Planning	3
	V	Planning and Design Studio (Zonal Plan)	11
	V	Planning Practice	1
	VI	Rural and Resource Planning	2
	VII	Planning for Regions	1
	VII	Dissertation and Training Seminar	1
	VIII	Thesis Supervision Was on CCL from 9.1.19 to 24.5.19. However, theory subjects and thesis supervision were taken up during this leave period.	3
Chidambara	III	Transport Planning-I Studio (Landuse and Transportation)	3 11
	VII	Dissertation and Training Planning Communication IV	2 2
	II	Studio	8
	VIII	Thesis	7
	VI	Elective (Analysing Growth and Spatial Structure of Cities)	2
Priti Deo	I	Planning Techniques – I	1
	I	Computer Application-I	3
	III	Geo Informatics for Planning - II	3
	VII	Planning Studio- Regional Plan	11
	IV	Demography and Urbanization	3
	VI	Planning Studio – Development	11
	VIII	Planning Thesis and Terminal Project	6 6
Piyooash Singh	I	Culture and Cities	3
	1	Planning Communications-I	4
	I	Planning Studio-I	11
	II	Cities in History	3
	II	Planning Communications-II	4
	IV	Planning Studio – Site Planning	11
	VIII	Thesis and Terminal Project	6

7. Details of teaching work undertaken by the regular faculty in the other departments in the School:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Mahavir	I Year I (Integrated Semester), M. Planning	Introduction to Remote Sensing;	1
Ashok Kumar	First (Integrated Semester), Master of Planning	Planning History and Theory (only Planning Theory)	2
Mayank Mathur	I Semester , M. Planning (Integrated)	Housing and Environment Planning	1
Rabidyuti Biswas	IV Semester, M. Planning (UP)	Thesis guidance	3
	II Semester, M. Planning (Urban Planning)	Infrastructure Planning	1

8. Details of teaching work undertaken by the contract faculty (CF) in the department:

Ravi Inderjit Singh (Contract Faculty)	II	Site and Land Development	2
	II and IV	Planning Communication II and III	4
	III	Infrastructure Planning- I	2
	IV	Urban Design and Conservation	2
	IV	Planning Studio- Site Planning	11
	VIII	Department Elective- MS Project	2
	VIII	Technical Report Writing	2
	VIII	Thesis and Terminal Project	3
Ankita Mandal (Contract faculty)	I	Fundamentals of Urban & Regional Planning	3
	I	Planning Communication I	2
	II	Planning Studio- II	11
	II	Planning Communication II	2
	V	Planning Practice- I	1
	V	Planning Studio- V, Local Area Plan - Dehradun	11
	VI	Environmental Planning	2
	VI	Climate Change, Disaster Risk & Resilience (Elective)	2
	VII	Impact Assessment Techniques (Elective)	2
	VIII	Thesis and Terminal Project	6

9. Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department:

July, 2018 to December, 2018			
Name of the Visiting Faculty	Semester	Subjects (Theory and studios)	Hours per week
Ms. Roma Mitra 5-G, Deepa Apartment 10, I.P. Extension, Patparganj Delhi 110092 Ph. 22780394, 9310338939 (m) E-mai:roma.mitra@gmail.com	First Year First Semester	Quantitative Methods for Planners	3
Mrs. M.Z. Bawa Flat No. 003, Avalon Apartments, New Mangla Puri, Mehrauli – Gurgaon Road, New Delhi – 110030 Email: munnanbawa@yahoo.com Contact: 9899385202, 2680034	First Year First Semester	Planning Studio-I	11
Shri Pradeep Prakash 3, SPA Complex, NFC, Delhi- 65 Email: pradeepprakash2001@gmail.com Contact: 9810009311	First Year First Semester and Fourth Year Seventh Semester	Planning Communication-I and Planning Communication-IV	1+1
Dr. R.K. Barik 155, Indraprasth Apartment, Pocket -3, Sector- 12, Dwarka, New Delhi- 110075 Email: radhakantab@gmail.com Contact No.: 9968401713	Fourth Year Seventh Semester	Politics, Planning and Development	2
Shri Tapan Mondal Director (Planning) (Retd). DDA Flat No. B-307, Karor Aptt., Plot No.39/C, Sector-6, Dwarka, New Delhi- 110075 Contact No- 9891525579 Email: tapan55mondal@gmail.com	Third Year Fifth Semester	Planning Studio: Sub City Plan	6
Shri P.V. Mahashabdey, 255, Shriniketan Society Plot no.1, Sector &, Dwarka New Delhi-110075	First Year First Semester	Planning Studio-I	8

Email: Mahashabdey@gmail.com . M.No.9810799863,011-28087782			
Ms. Aditi Mitra Ghosh , C-509 Chittaranjan Park, New Delhi-110019 Phone:- 9717700897, 9810538182 E- Mail No- Aditi.mitra.ghosh@gmail.com	Second Year Third Semester and Third Year Fifth Semester	Planning Studio – Land Use and Transport And Traffic and Transportation Planning-II	8+3
Ms. Uzma Azhar T2C-203, Omaxe Palm Greens, Sector MU, Greater Noida, U.P. Mob no: 9818836705, E-mail: uzmaazharrali@gmail.com	Third Year Fifth Semester	Settlement Sociology	3
Mr. Abhishek Jain , House No. 315,First Floor, Jagruti Enclave, Near Katyayni Mandir Karkardooma, New Delhi-110092 Email: ar.abhishek_jain@yahoo.in / aj0880886@gmail.com Contact: 9899900139	First Year First Semester	Planning Studio-I	3
Prof. Vijay Kumar Dhar , AO-86, Kala Kunj, Shalimar Bagh, Dlhi-110088, E-Mail Id: vkddhar@rediffmail.com Mobile No:- 8826549292	Fourth Year Seventh Semester	Urban Renewal and Planning Studio – Regional Plan	2+8
Sh. K.G. Gopalkrishan Sector C-Pocket 8, 8483, Vasant Kunj , New Delhi-110070 Mob no: 9810813707 E-mail: kggk05@yahoo.co.in	Fourth Year Seventh Semester	Planning Legislation- I	2
Sh. Mridul Upreti 502, Tower 3 The Close (North) Nirvana Country, South City 2, Gurgaon, Haryana – 122018 Tel- +91 9958177855, mridulupreti10@gmail.com Linkedin.com/in/mridul-upreti-a890aa8	Third Year Fifth Semester	Real Estate Development and Management	2
Mr. Smanla Dorjee 3D Pocket C Siddhartha	First Year First	Planning Communications - I	1

Extension, New Delhi-110014 Email: smanladakh@gmail.com, Contact: 9990116459, 9419982274	Semester		
Mr. Vivekanand Calcutta Clinic Rohta Road, Meerut-250001 Tel. 9027648321	Third Year Fifth Semester	Planning Studio-V Zonal Plan	Total 5 Hours

January 2019 to May, 2019			
Name of the Visiting Faculty	Semester	Subjects (Theory and studios)	Hours per week
Ms. Uzma Azhar T2C-203, Omaxe Palm Greens, Sector MU, Greater Noida, U.P. Mob no: 9818836705, E-mail: uzmaazharrali@gmail.com	First Year Second Semester	Introduction to Social Sciences	3
Mr. Saswata Ghosh A-906 Navnirman Apartment, Plot- 6, Sector-2, Dwarka- 110075. Mob no: 9811099091, E-mail: saswatadel@gmail.com	First Year Second Semester	Introduction to Social Sciences	3
Ms. Chandrima Mukhopadhyay FC 1 Sector III, Salt Lake, Kolkata-700106, West Bengal Mob no: 8697849407, E-mail: chandrimamukho@gmail.com	First Year Second Semester and Fourth Year Eight Semester	Economics for Planners And Terminal Project / Thesis	3+9
Sh. Mridul Upreti 502, Tower 3 The Close (North) Nirvana Country, South City 2, Gurgaon, Haryana – 122018 Tel- +91 9958177855, mridulupretil0@gmail.com	Fourth Year Eight Semester	Terminal Project / Thesis And Invited Elective	3+2
Mr. Smanla Dorjee 3D Pocket C Siddhartha Extension, New Delhi-110014 Email: smanladakh@gmail.com, Contact: 9990116459,	First Year Second Semester and Second Year	Planning Communication-II and Planning Communication - III	1+1

9419982274	Fourth Semester		
Ms. Surbhi Anand Roy 68-A, Kunj Apts, 4 th Floor, New Mangla Puri, New Delhi-30, Contact: - 9810367674 Email: - anandroy.surbhi@gmail.com	Second Year Fourth Semester	Urban Design and Conservation	2
Mr. Harpal Dave, E- 206, New Rajinder nagar, Delhi-110060 Email: harpaldave@gmail.com , Contact: 9999370005	Second Year Fourth Semester	Planning Indian Cities	3
Prof. Vijay Kumar Dhar, AO-86, Kala Kunj, Shalimar Bagh, Delhi-110088. E- Mail Id. vkddhar@rediffmail.com Mobile No:- 8826549292	Third Year Sixth Semester And Fourth Year Eight Semester	Planning Studio – Development Plan and Terminal Project / Thesis	11+16
Mr. Chenthur Raaghav Email: chenthur.raaghav@iaac.in	Second Year Fourth Semester	Planning Communication-III	1
Ms. Anukriti Pathak 141, Sanskriti Apartments, Sector 19B, Dwarka, New Delhi-110075 Email: anukritipathak.09@gmail.com Contact: 9999013528	Second Year Fourth Semester and Third Year Sixth Semester	Planning Studio-IV-Site Planning and Planning for Informal Sector and Urban Poor	8+2
Mr. Sujith Kumar Mridha Flat No. 12, SPA Residential complex, Thaimoor Nagar, Maharani Bagh Contact: - 9810302903 Email: - sujitmrid@gmail.com	Third Year Sixth Semester	Land Economics and Locational Theory	3
Mr. Ankur Goel 15/9 East, Punjabi Bagh Delhi- 110026 9899022241	Third Year Sixth Semester And Fourth Year Eight Semester	Urban Finance and Planning Practice and Legislation	2+2
Sh. K.G. Gopalkrishan	Fourth	Planning Practice and	2

Sector C-Pocket 8, 8483, Vasant Kunj , New Delhi- 110070 Mob no: 9810813707 E-mail: kggk05@yahoo.co.in	Year Eighth Semester	Legislation	
Ms. Shahena Khan, 174 Baluganj, Agra, Uttar Pradesh-282001 Email: shahena.khan@gmail.co Contact: 9997349543	Fourth Year Eighth Semester	Terminal Project / Thesis	3
Ms. Malvika Rautela, 74 D Masjid Moth, Phase 2, DDA Apartments, New Delhi- 110048 Email: malvika.rautela02@gmail.com, Contact: 8860116330	Third Year Sixth Semester And Fourth Year Eighth Semester	Development Planning and Terminal Project / Thesis	3+9
Mr. Abhishek Jain, House No. 315,First Floor, Jagriti Enclave,Near Katyayni Mandir Karkardooma, New Delhi- 110092 Email: ar.abhishek_jain@yahoo.in / aj0880886@gmail.com Contact: 9899900139	First Year Second Semester	Planning Studio - II	8
Mr. Anshu Sharma 315, Tower I, Mount Kailash, New Delhi-110065 Email: anshu@saferworld.in, Contact: 9810066976	Fourth Year Eighth Semester	Terminal Project / Thesis	6

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

Semester/Year	Project Title/Topic	Description
First Semester	Planning Studio – I	This studio introduced the students with basic concepts of mapping an area at different level for preparing base map and activity mapping. They were also introduced with the elementary knowledge of FAR, built form and concept of neighbourhood. Karol Bagh, Sarita Vihar, Anand Vihar, New Friends

		Colony areas from Delhi were the case study area.
Second Semester	Planning Studio – II	This studio introduced the students to concept of Land Use, and Neighbourhood Planning. There were two major exercises; Land Use Study and Study of housing typologies (Area Appreciation). Various land uses like Industrial, Commercial, Recreational, Institutional and Transportation land uses were studied for selected sites in Noida. Different housing areas in Delhi were taken with different housing typologies to understand evolution of different typologies, and relationship with development controls. The students also went on a one day study tour to Firozabad, Uttar Pradesh to understand the city pattern and economic function of the city.
Third Semester	Planning Studio III (Transport Planning)	This studio is to expose students to various transport survey, analysis and presentation of the findings and finally provide planning and design solutions for transport facilities in a town. This time students have taken Sarojini Nagar in New Delhi as the case study to prepare a Transportation Improvement Plan for the selected area.
Fourth Semester	Planning Studio IV (Site Planning)	This studio provides the exposure to the students to plan and design a residential area of around 10 hectare. This time students have taken two coming TP scheme areas from Gandhinagar, Gujrat were taken for detailed study of site analysis and site context and finally selected around 10 hectare area out of these two sectors for site planning.
Fifth Semester	Planning and Design Studio – Local Area Plan, Dehradun	In this Studio exercise, students studied the process of implementation of a Master Plan through Local Area Plan. The studio was carried out in two stages. In the first stage, students conducted a review of existing master plan and zonal plan, with assessment of whether the translation from master plan to zonal plan was effective or not. The second stage was preparation of local area plans for two sites, one in city limits

		and one in the periphery. The case study enabled them to understand the hierarchy of plans as per their act and interrelation of various aspects at the Zonal/Ward level.
Sixth Semester	Planning and Design Studio – Master Plan for Surat	The main goal of Planning and Design Studio is to enable the students of the Sixth Semester to develop an understanding about diverse approaches, techniques, and technologies involved in the preparation of a master plan for Surat city. The students are required to get comprehensive exposure as possible through literature studies of various development plans of towns or cities in Gujarat State, and review various center and state policies and acts related to the city development. After obtaining an initial comprehension about the idea of a master plan, the students are expected to make a field visit to a selected town and collect appropriate data and information needed for the preparation of a master plan. Prior to the field visit, the students are also expected to design questionnaires and schedules for the collection of data.
Seventh Semester	Planning and Design Studio- Chandigarh Metropolitan Regional Plan	<p>The primary goal of planning and design studio is to learn about approaches and techniques involved in the preparation of Metropolitan Regional Plan of Chandigarh and its diverse variants by identifying the key drivers of development and their planning implications on one another.</p> <p>The central to regional planning are two prominent ideas of integrated and balanced regional development. Meaning, a regional plan is a spatial plan rather than sectoral plan. Economic growth may be an overriding objective of regional planning, but equally important are environmental concerns and quality of life issues in a region. All three – economic, environmental and social – issues are intertwined and of equal significance.</p>

Eighth Semester	Terminal Project and thesis	Students worked on individual thesis.
-----------------	-----------------------------	---------------------------------------

11. Details of the thesis work undertaken by the final semester students:

Sl.No.	Roll Number	Name of the Student	Thesis Topics
1.	BP/659/2014	Suru Dinesh	Assessing the Livability of Neighborhoods, Case Study: New Delhi
2.	BP/663/2014	Yatharth Yogesh Saxena	Role of Planning in Enhancing Happiness
3.	BP/645/2014	Md. Kamran	Impact of Tourism on Physical Infrastructure- A case study of Agra City
4.	BP/646/2014	Nazim Saba	Assessment of Barrier Free Environment For Persons With Disability in Employment Areas in Delhi.
5.	BP/648/2014	Nitin Sankhla	Improving the Walkability of Walled city, Delhi
6.	BP/656/2014	Shiren Pandita	Accommodation for Single Working Women in Urban Areas
7.	BP/657/2014	Stanzin Odsal	Water Management Approaches for Leh Town
8.	BP/664/2015	Amit Gupta	Integrated Solid Waste Management for Gorakhpur.
9.	BP/665/2015	Ananta Kothari	Social Impact of Land Acquired for Development of SEZ
10.	BP/667/2015	Anshika Singh	Role of Integrated Multi-Modal Transport System and Transport Demand Management Strategies in Reducing Automobile Dependence:
11.	BP/668/2015	Anushree Banerjee	Assessing The Sustainability of Mixed Use Areas in Delhi
12.	BP/669/2015	Chillimunta Vijaya Venkata Naga Durga	Agglomeration of Agro-based Industries and Its Role in Regional Development: Case Study of Krishna and Guntur Districts in Andhra Pradesh
13.	BP/670/2015	Deeptanshu Singh	Watershed Management for Enhancement of Rural Livelihood in Semi-Arid Zones
14.	BP/671/2015	Fatimah Tayyiba Rasheed	Vulnerability Assessment Approach: Post Kerala Floods of 2018
15.	BP/673/2015	Harshit Kumar Varshney	Public Transport Usage and its Relation with Perceived and Measured Accessibility
16.	BP/674/2015	Himashri Heerekar	Efficient Municipal Solid Waste Management Plan for Govindpuri Ward, New Delhi
17.	BP/675/2015	Kajal Gupta	Planning Strategies for Electronic Waste

			Management: Case Study Delhi
18.	BP/676/2015	Konchok Tashi	Role of Walkable Environment in Making Leh City Livable
19.	BP/677/2015	Kurapati Venkatesh	Assessing the Role of Mahatma Gandhi National Rural Employment Guarantee Act in controlling Rural - Urban migration: Case Study of Villages of Kanchika Cherla Mandal, Krishna District, Andhra Pradesh
20.	BP/678/2015	Manisha Sharma	User's Satisfaction with Public Bus: A Case study of Delhi's Bus Transport
21.	BP/680/2015	Nihar Chinta	Governance of Water Supply in the Metropolitan Area: Case Study of Hyderabad
22.	BP/681/2015	Nikhil Sahu	Spatial Considerations and Planning for Entrepreneurial Cities
23.	BP/682/2015	Paladi Venkat Sraavan	Coordination in Implementation of Amaravati Land Pooling Scheme
24.	BP/684/2015	Pratim Sankar Talukdar	Urban Governance in Guwahati
25.	BP/685/2015	Saksham	Planning Interventions for Crime Prevention: The Prospects for CPTED in Old and New Indian Neighborhoods
26.	BP/686/2015	Shreya Deep Bansod	Assessing The Role of spatial aspects in improving the efficiency of public distribution system
27.	BP/687/2015	Shubham Bansal	Determinants of House Prices: Case study of Delhi
28.	BP/688/2015	Shubhendra Singh Pathak	Crime Prevention through Land use and Street Network Design: Using GIS as an Analysis tool
29.	BP/689/2015	Siddharth Yadav	Role of Public Sector Mega Infrastructure in Promoting Private Urban Development: Case Study- Gurugram
30.	BP/690/2015	Srivathsa A	Energy Scaling and Sustainability of Fossil Fuel Consumption: Case of Delhi and Bangalore
31.	BP/691/2015	Tanmay Dev Singh	Video Gaming as a Pedagogical Tool for Urban Planning
32.	BP/692/2015	Vasudha Sharma	Assessing Sustainability of Urban Water Flows through Urban Metabolism Concept: Case Study of Nagpur City
33.	BP/693/2015	Yuvraj Sunger	Integrating Watershed Management in Urban Planning: Case Study Grater Noida

12. Details of the Ph.D. Thesis Topics:

S.No.	Year of Enrolment	Students Name	Supervisor/ Guide Name	Topic
1.	22.2.2013	Mr. Suresh Babu	Prof. Dr. Ashok Kumar	Approaches to Procurement of Land for City Planning and Development: Comparison of Navi Mumbai and Greater Noida
2.	22.2.2013	Ms. Seema Kaushal	Prof. Dr. Ashok Kumar and Prof. Dr. Poonam Prakash	A Framework for evaluation of aster Plans and Plan making process
3.	22.1.2014	Mr. Lalit Kumar	Prof. Dr. Ashok Kumar	Impact of Private Urban Development on Different Socio-Economic Groups in Haryana: A Case of Sonipat- Kundli Urban Complex
4.	22.1.2014	Mr. Harikrishan Gopal Nambiar	Prof. Dr. Mayank Mathur	Housing Transformation around Major Urban Transportation Nodes in Delhi
5.	17.06.2016	Ms. Neha Verma	Prof. Dr. Poonam Prakash	Special perspective on women's primary health case accessibility in slums
6.	14..9.2017	Mr. Parul Sharma	Prof. Dr. Ashok Kumar and Prof. Dr. Rabidyuti Biswas	Developing Accessible urban spaces for Persons with Disabilities in India
7.	14..9.2017	Mr. Ajay Kaushal	Prof. Dr. Ashok Kumar	Inter- Policy Coherence for Better City Planning A Case Study of Indian City
8.	26.12.2018	Ms. Rashmi Ashtt	Prof. Dr. Mayank Mathur and Prof. Dr. Rabidyuti Biswas	Governance of Built spaces and Areas of heritage Importance – A critical Approach
9.	26.12.2018	Ms. Sundus Samreen Wani	Prof. Dr. Ashok Kumar And Prof. Dr. R. Biswas	Climate Change and Urban Flooding – A Case Study of Srinagar City.
10.	26.12.2018	Ms. Shilpi Bhaskar Aggarwal	Prof. Dr. Ashok Kumar	Role of Economic Development in Shaping Cities Post 1991 Reforms – A Case Study of Surat

11.	26.12.2018	Mr. Raghunanda S. Aiyangar	Prof. Dr. Poonam Prakash	Role of Built Environment on Public Health With A Focus on Non Communicable Disease- A Case of Bangalore
-----	------------	----------------------------	--------------------------	--

13. Details of research projects:

- **Ashok Kumar, P.S.N. Rao and R. Biswas**
Water Security and Sustainable Development, UKRI sponsored research, in collaboration with the University of Newcastle, U.K. and three other global partners.
- **Ashok Kumar and Sanjay Gupta**
Megaprojects and Reshaping of Urban Futures: Governance and Equity in the Delhi-Mumbai Industrial Corridor, sponsored by the British Academy, London in collaboration with the University of Sheffield, U.K.
- **Ashok Kumar**
Deindustrialization in India: A Case of Kanpur, U.P., sponsored by ESRC, London, in collaboration with the University of Manchester, U.K.
- **Poonam Prakash and Ashok Kumar**
Web based Tool for Plan Modification, sponsored by DIC, MHRD, New Delhi.
- **Ashok Kumar and Vinita Yadav**
Web-based Platform for Linking Development Projects in Ghaziabad District for Efficient Delivery of Services, sponsored by DIC, MHRD, New Delhi.
- **Ashok Kumar and R. Biswas**
Preparation of Six ICAPs in Rajasthan, sponsored by the Rajasthan Government, Jaipur.

14. Publications:

Dr. Chidambara

- Chidambara (2019). Walking the First/Last Mile to/from Transit: Placemaking a Key Determinant. *Urban Planning*, 4(2).183-195. <http://dx.doi.org/10.17645/up.v4i2.2017>
- Chidambara and Gupta, S. (2018). Effect of Walkability on Users Choice of “Walking” the Last Mile to Transit Stations: A Case of Delhi Metro. *Urban Studies and Public Administration*, 1(1).

Prof. Dr. Mahavir with co-authors:

- Bedi, P., Mahavir and Tripathi, N.G. (2019). Smart Urban Green Spaces for Smart Chandigarh. In Vinod Kumar, T. M. (Ed.), *Smart Environment for Smart Cities: Advances in 21st Century Human Settlements*, (pp. 111-148). Singapore: Springer Nature.
- Gupta, K., Puntamberkar, K., Roy, A. Pandey, K. Mahavir & Kumar, P. (2019). Smart Environment through Smart Tools and Technologies for Urban Green Spaces. In Vinod Kumar, T. M. (Ed.), *Smart Environment for Smart Cities: Advances in 21st Century Human Settlements*, (pp. 149-194). Singapore: Springer Nature.
- Mahavir (2018). Geo-spatial Information Approach to Planning for Rurban Clusters' *Coordinates*, 14 (9). 36-40.
- Agarwal, A., Srinivas, R. and Mahavir (2018). Developing a Spatial e-Governance Model for Urban Areas. *SPACE, The SPA Journal of Planning and Architecture*, 21 (1-2). 1-27.
- Gupta, R. & Mahavir (2019). Revisiting Periodic Table: from Chemistry to City Planning. *SPACE, The SPA Journal of Planning and Architecture*, 21(3-4). 1-59.
- Mahavir (2019). Need for Certification Board is being felt for a long time ... (interview based). *AGI Newsletter, Association of Geospatial Industries*, II(Feb). 7-8.
- Mahavir (2019). A Geo-Spatial Information Model for Rurban Planning' (co-author), Proceedings of REAL CORP 2019, April, 2019, Karlsruhe, Germany; ISBN 978-3-9504173-7-1, pp. 45-54.
- Banerjee, A., Mahavir and Kusum, L. (2019). A Geo-Spatial Information Model for Rurban Planning. In M. Schrenk, et.al. (Eds.). *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 (45-54). Karlsruhe, Germany: REAL CORP.

15. Faculty serving in Committees, Editorial Boards, etc.

Prof. Dr. Mahavir

- Member, Doctoral Degree Committee, SPA, Vijayawada.
- Member, Selection Committee for faculty positions, IIT Kharagpur.
- Member, Selection Committee for faculty positions, KIIT, Bhubaneswar.
- Member, Selection | Committee for technical positions in Planning, DDA, New Delhi.
- Member, Selection Committee for faculty positions, NIT, Hamirpur.
- Examiner, Ph.D. Thesis, JNAFAU, Hyderabad.
- Examiner, Ph.D. Thesis, IIT Roorkee.

- Chairman, Study Group on Regional Land use, Review of the Regional Plan – 2021, NCR Planning Board, New Delhi, 2018.
- Member, Committee for Framing Design and Standards for Application of Drone/ UAV Technology in Formulation of GS based Master Plans, Ministry of Housing and Urban Affairs, Government of India, New Delhi.

Prof. Dr. Ashok Kumar

- Member, National Advisory Council, Regional Studies Association, U.K., India Division, New Delhi, 2016.
- Member, Advisory Committee for the CIDCO Smart City Chair at NIUA, New Delhi
- Member, Executive Committee, Institute of Town Planners, India, New Delhi.
- Member, Senate, School of Planning and Architecture, Bhopal, Madhya Pradesh.
- Member, Senate, School of Planning and Architecture, Vijaywada, Andhra Pradesh.
- Member, Board of Studies in M. Tech in Urban and Regional Planning (Postgraduate), SPA, Mysore University, Mysore, Karnataka.
- Member, Board of Studies, Department of Architecture and Planning, Gautum Budh University, Greater Noida, Uttar Pradesh.
- Chairman, Library Committee, ITPI, New Delhi.
- Secretary Publications, ITPI, New Delhi.
- Member, Town Planning Education Board, ITPI, New Delhi.
- Member, Selection Committee for Assistant Director, Delhi Development Authority, New Delhi.
- Member, Selection Committee, Himachal Pradesh Public Service Commission, Shimla.
- Member, Selection Committee, for Assistant Professor, IIT Roorkee, Uttrakhand.
- Member, the 'UK-India Joint Network on Sustainable Cities', Co-coordinated by the National Institute of Urban Affairs, Research Council U.K. India, and Newton Fund, New Delhi.
- Member, Executive Committee, Water Security and Sustainable Development, Newcastle University, U.K.
- Chairman, International Committee, Institute of Town Planners, India, New Delhi.
- Executive Member, India Chapter of Regional Studies Association, U.K.
- Editor, *ITPI Journal* and *Planners' Newsletter*, published by the Institute of Town Planners India, New Delhi.
- Scientific Correspondent for the newly launched *Spatial Justice Journal* being edited from Université Paris X Nanterre, Paris, France.
- Member, International Advisory Board Member, *Journal of Design and Built Environment*, Kuala Lumpur, Malaysia.

Dr. Mayank Mathur

- 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, Gautum Budh University, Greater NOIDA, U. P.
- Member, Board of Studies, DCRUST, Murthal.
- Member, Board of Studies, Amity School of Architecture and Planning, Gwalior.
- Member of Selection Committee for Asstt. Professor in Planning, for College of Engineering, Pune (COEP), Pune.
- Chairman of Expert Committee for evaluation of M Plan course for Hindu School of Architecture, Sonapat.
- Chairman of expert committee for evaluation of postgraduate in Master of urban and regional planning programme at NIT Patna
- Chairman of expert committee for evaluation of postgraduate course in Master of Planning (Urban Planning) programme at Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai, Chhattisgarh.
- Member of the expert committee for evaluation of Masters in Urban and Regional Planning Programme at Harsukhbhai K Dhruv Centre of Planning, Rajkot, Gujarat.
- Vice President, Institute for Housing Studies Alumni Association.
- Evaluation of Research work, for the post of Associate Professor, General Specialization Urban and Regional planning subspecializing Urban Design for King Abdulaziz University, Jeddah, Saudi Arabia.

Dr. Rabidyuti Biswas

- Secretary, Examination, 2017-19 , ITPI, New Delhi
- Secretary, Town Planning Examination Board, 2017-19, ITPI, New Delhi
- Member of Evaluation Committee (ITPI) for evaluation of planning courses in India
- Assessment of research proposal of Dr. Richard Ballard for National Research Foundation, South Africa, University of Witwatersrand, South Africa, August, 2018.
- External Assessor for promotion of faculty for the post of Professor from Associate Professor in the Central University of Technology, Free State, South Africa, April 2019.
- Reviewer of book on Smart City to be published by Pearson India Educational Service, New Delhi
- Member of Editorial Board and Reviewer for Academic Journal of Applied Engineering of International Association of Scientists and Researchers, since Dec 2016.

- Reviewed a paper for 'International Journal of Environmental Studies' on 'Investigating Variability in Environmental Noise', for Taylor Francis.
- Member, commongroundpublishing.com
- Advisory Board member of Design Innovation Centre of the School.

Dr. Poonam Prakash

- Independent Director, Board of Directors, DMIC IITGNL, GNOIDA (till 2018)
- Member, Board of Directors, Transactional Analysis Centre for Education and Training.
- Member, Research Advisory Committee, NIRMA University, Ahmedabad Gujarat
- Jury Member, HUDCO Award for Best Practices – To Improve Living Condition, HUDCO, Delhi.
- Coordinator, Distance Learning Programme, IIRS, Dehradun.
- Member, Editorial Board, *Creative Space*, Journal of Chitkara University, Punjab

Papiya Bandyopadhyay Raut

- Co-opted member, Delhi Regional Chapter, ITPI, New Delhi

16. Exhibitions, Seminars or workshops organized by the students and faculty of the Department:

- Dr. Poonam Prakash organized a Panel Discussion on Entrepreneurship, Department of Physical Planning, May 2019.
- An Alumni Interaction Meet on Strategy for Enhancing Visibility of Undergraduate Programme, May 2019 was also conducted and coordinated by Dr. Poonam Prakash.
- Ms. Preeti Deo organized and participated in workshop on 'Critical Perspectives on Planned Indian Capital Towns : Chandigarh and Naya Raipur' on 13th February 2018 organized by Department of Physical Planning and ENSPALV, Paris as part of Indo-French Collaboration.
- Dr. Mayank Mathur was involved in 'Orientation Classes and Examination' as well as 'Admissions', for AITP students at ITPI Headquarters, New Delhi.

17. Participation in Seminars or workshops, etc.:

Prof. Dr. Mahavir

- Chaired, Technical Session on “Technological Interventions in Urban Planning”, at the National Workshop on Municipal Finance and Urban Planning, organised by the Ministry of Housing and Urban Affairs, New Delhi, November 26, 2018.
- Participated in ‘Confluence 2019: Thinking Cities’, by Mahindra World City with McKinsey & Co., February, 2019, Delhi.
- Attended All India DIC Meet, School of Planning and Architecture and Ministry of Human Resource Development (MHRD), New Delhi, April, 2019.
- Participated in the ASSOCHAM Conference on Emerging trends in Geospatial Technologies, organised by the Associated Chambers of Commerce and Industry of India (ASSOCHAM), New Delhi, June, 2019.

Prof. Dr. Ashok Kumar

- Participated in the international launch of the research project titled “Water Security and Sustainable Development” from 11-13 February 2019 organized by the Newcastle University in Newcastle upon Tyne, U.K.
- Participated in the All India DIC Meet, School of Planning and Architecture and Ministry of Human Resource Development (MHRD), New Delhi, April, 2019.
- Participated and presented a paper in Colloquium on Land Reforms for Urban Development: A case Study of Delhi Land Policy on 28 September 2018 at ITPI Headquarters, New Delhi.
- Attended National Housing Conference on 31 May 2019 at SPA New Delhi.
- Participated and presented a paper in the Plenary Session of the Sixty Seventh National Town and Country Planners Congress on Urban Land Policies and City Planning 4 – 6 January, 2019 at Chandigarh.
- Participated and made a presentation at the National Workshop on Model Land Use Regulations, Development Control and Service Level Bench Marks with Appropriate Enforcement Mechanism for SPMRM held on 25 February 2019 organized by Ministry of Rural Development.
- Participated meeting on RURBAN mission with the Department of Rural Development, Government of Rajasthan in Jaipur, 26 March 2019.

Mayank Mathur

- Attended and Participated in Colloquium on Land Reforms for Urban Development: A case Study of Delhi Land Policy on 28 September 2018 at ITPI Head Quarters, New Delhi.
- Attended National Housing Conference on 31 May 2019 at SPA New Delhi
- Attended All India DIC Meet 2019 on 11 April 2019 at Dr. Ambedkar International Centre, Janpath, New Delhi.
- Attended 67th National Town and Country Planners Congress on Urban Land Policies and City Planning 4 – 6 January, 2019 at Chandigarh.
- Delivered Special Lecture on ‘Link between Urban Planning and Urban

Design' on 10th January, at Amity University, Gwalior.

Rabidyuti Biswas

- Participated in seminar on Economic Resilience in a Changing Climate, on 4 January 2019, organized by ICRIER, New Delhi.
- Participated in the international launch of the research project titled “Water Security and Sustainable Development” from 11-13 February 2019 organized by the Newcastle University in Newcastle upon Tyne, U.K.
- Participated in all India DIC meet on 11-12 April 2019 organized by SPA, New Delhi.
- Participated on National Conference on Regional Planning in India, Policy, Planning and Implementation, on 15 November 2018 organized by ORF and GIZ at New Delhi.
- Participated on the Colloquium on Land Acquisition for Development on 28 September 2018 organized by ITPI, New Delhi.
- Participated in the seminar organized on World Town Planning Day on 28 November 2018 organized by DRC, ITPI New Delhi.
- Participated in the Workshop to coordinate the activities of all media on 26 March 2018 organized by Ministry of HRD, New Delhi.
- Participated on national workshop on Social Media- Use and Effect, 10 April 2018 organized AICTE and Ministry of HRD, New Delhi.
- Participated National Workshop on Model Land Use Regulations, Development Control and Service Level Bench Marks with Appropriate Enforcement Mechanism for SPMRM held on 25 February 2019 organized by Ministry of Rural Development.
- Participated meeting on RURBAN mission with the Department of Rural Development, Government of Rajasthan in Jaipur, 26 March 3019.
- Participated workshop on UrbanStep on 26 June 2019.

Poonam Prakash

- Attended International Planning and Architecture Conclave, Sushant School of Art and Architecture, February 2019.
- Presented a paper ‘Planning under Pressure : a Case of Mixed Land Use Provisions in Delhi at Workshop on Critical Sustainability Tools in Urban Planning : Pedagogic Tools in Urban Planning Education, August 2018.
- Invited as a Keynote Speaker for the Conference on ‘Architecture for the Masses’ at the Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi, February 2019.
- Invited for Expert Lecture Series at Chandigarh University, Gharaun, Punjab, February 2019.
- Invited as an Expert Mentor for Design Charrette - Putting her in her Place (not!) | at the International Planning and Architecture Conclave, Sushant School of Art and Architecture, February 2019.

Papiya Bandyopadhyay Raut

- Attended World Planning Day organized by Delhi Regional Chapter (DRC) of Institute of Town Planners (India), on 28th November, 2018 at ITPI, New Delhi.
- Attended 67th National Town Planning Congress on “Urban Land Policies and City Planning” held in Chandigarh on 4th- 6th January, 2019.
- Attended a workshop on “Waste and Plastic Reduction and Management” organized by Delhi Regional Chapter (DRC) of Institute of Town Planners (India) in partnership with Chintan-India.org and Ministry of Environment, Forest and Climatic Change, Govt. of India on 23rd May, 2019 at ITPI, New Delhi

Priti Deo

- Organized and participated in workshop on ‘Critical Perspectives on Planned Indian Capital Towns : Chandigarh and Naya Raipur’ on 13th February 2018 organized by Department of Physical Planning and ENSPALV, Paris as part of Indo-French Collaboration.
- Attended a special lecture on ‘Application of Geographic Information System in National Informatics Centre: Case studies’ by Mr. Amit Bhargava on 8 August 2018 organized by Regional Planning Department.
- Attended a special lecture on participatory planning by Professor Nabeel Hamdi on 12 February 2019 organized by Physical Planning Department.
- Participated in conference on ‘Emerging Trends in Geospatial Technologies on 25 June 2019 organized by ASSOCHAM.

Piyoosh Singh

- Attended World Planning Day organized by Delhi Regional Chapter (DRC) of Institute of Town Planners (India), on 28th November, 2018 at ITPI, New Delhi.
- Attended a special lecture on ‘Application of Geographic Information System in National Informatics Centre: Case studies’ by Mr. Amit Bhargava on 8 August 2018 organized by Regional Planning Department.
- Attended a special lecture on participatory planning by Professor Nabeel Hamdi on 12 February 2019 organized by Physical Planning Department.
- Attended a workshop on “Waste and Plastic Reduction and Management” organized by Delhi Regional Chapter (DRC) of Institute of Town Planners (India) in partnership with Chintan-India.org and Ministry of Environment, Forest and Climatic Change, Govt. of India on 23rd May, 2019 at ITPI, New Delhi

18. Advisory Committee Members

- **Prof. Rajiv Shringi**
Department of Architecture, MNIT
Jawahar Lal Nehru Marg,
Jhalana Gram, Malviya Nagar,
Jaipur, Rajasthan 302017
- **Ms. Leenu Sehgal**
Commissioner (Planning)
Delhi Development Authority,
New Delhi
- **Ms. Parul Agarwal**
Regional Urban Specialist,
UN Habitat, HUDCO Bhawan,
Lodi Road, New Delhi-3

19. Departmental Research Committee:

- Dr. Manoranjan Parida
Professor, Department of Civil Engineering IIT Roorkee,
- Dr. P. Jaipal, Executive Director HUDCO

20. Any other information:

- Integrated M.Planning Programme is announced from this year. Batch that will be admitted in July 209 will be eligible for the programme.
- System of online faculty feedback system initiated in the Department.

Prof. Dr. Mahavir

- Registered with the Council of Architecture, New Delhi, (Reg. No. CA/ 81/ 6718).
- Fellow of the Institute of Town Planners, India, New Delhi, (Regn.No.83-26).
- Life Member, Indian Institute of Public Administration, New Delhi. (Membership No. 4872).
- Founder Member, SPA Alumni, School of Planning and Architecture, New Delhi.
- Life Member, Indian Society for Remote Sensing, Dehradun. (Membership No. L 706).
- Life Member, राजभाषा संघर्ष समिति, नई दिल्ली

Prof. Dr. Ashok Kumar

- Coordinator, Internal Quality Assurance Cell, School of Planning and Architecture, New Delhi.
- Fellow Member, Institute of Town Planners, India, New Delhi.
- Member, National Association of Geographers of India, New Delhi.
- Life Member, Indian Institute of Public Administration, New Delhi.
- Member, Association of American Geographers, USA

Mayank Mathur

- Fellow Member, Institute of Town Planners, India, New Delhi.
- Registered with Council of Architecture, New Delhi.
- Member, Indian Institute of Architects, Mumbai.
- Member, Indian Institute of Public Administration
- Member, Senate of the SPA, New Delhi
- Executive Member, IHS, Alumni Association, New Delhi
- Member, Selection Committee for faculty, College of Engineering, Pune
- Member, Board of Studies, Amity School of Architecture and Planning, Amity University, Gwalior, M.P

Rabidyuti Biswas

- Fellow of Institute of Town Planners, India
- Fellow Member of International Congress of Environmental Research (FICER)
- Member, Indian Water Resource Society, Roorkee
- Member, Institution of Engineers, India
- Member, Indian Society of Remote Sensing,
- Member, Institute of Urban Transport, India

Dr. Poonam Prakash

- Associate Member, Institute of Town Planner, India
- Member, International Sociological Association, Spain.

Ms Chidambara

- Associate Member, Institute of Town Planner, India
- Life Member, Institute of Urban Transport, India

Ms. Papiya Bandyopadhyay Raut

- Associate Member, Institute of Town Planner, India

Ms. 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

Piyoosh Singh

- Associate Member, Institute of Town Planner, India
- Registered with Council of Architecture, New Delhi.
- NOSPlan coordinator for B. Plan. Students of the school.
- Student Advisor for B. Planning Students

Department of Architectural Conservation

1. Name of the Department

Department of Architectural Conservation

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1986

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks if any
Anuradha Chaturvedi	B.Arch., M.A. Conservation Studies, University of York , UK	Associate Professor, Head of the Department Head-in-charge, Department of Environment Planning: 16th June, 2018 to 31 st December, 2018 Head-in-charge, Department of Landscape Architecture: 15th December, 2017 to 15th June, 2018 & 1st January to 30th June, 2019	Heritage Management and Sustainable Development, Cultural Landscapes	33	

Prof. (Dr.) Priyaleen Singh	Ph.D. University of York M.L.Arch., M.A. Conservation Studies, University of York. Cert course conservation of Historic towns (College of Engineering, Tuscany, Florence), B.Arch	Dean, Faculty Welfare	Urban conservation, Cultural landscapes, Historic gardens	35	
T. Lakshmi Priya	B.Arch, M.Arch with specialization in Architectural Conservation,	Assistant Professor	Conservation, Heritage Management	16	

5. Contract Faculty Profile:

Name of the Faculty	Education Qualifications	Area of Specializations	Number of Years Experience	COA Registration
Ms. Bharti Sikri	M.Arch (Conservation) B.Arch	Architectural Heritage Conservation	4 years 6 month	CA/2013/60157

6. Details of teaching work undertaken by the regular faculty in the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours Per Week
Associate Prof. Anuradha Chaturvedi	Ist	Foundation Course(Theory)	1
	IIInd	Emerging Paradigms(Theory)	1
	IIInd	Conservation Studio(Studio)	8
	IIIrd	Conservation Studio (Studio)	8
	IIIrd	Research Paper I	2
	IVth	Research Paper II	1
Prof.(Dr.) Priyaleen Singh	Ist	History and Theory of Conservation (Theory)	1
	IIInd	Department Elective (Theory)	1

	IIIrd	Department elective (Theory)	2
	IIIrd	Conservation studio (Studio)	4
	Ist	Conservation Studio (Studio)	2
	IVth	Conservation Studio (Studio)	8
Assistant Prof. T. Lakshmi Priya	Ist	Management of Historic Building Systems (Theory)	1
	IInd	Integrated Urban Conservation (Theory)	1
	IInd	Cultural Landscapes (Theory)	1
	Ist	Conservation Studio(Studio)	12
	IIIrd	Inter Department Elective (Theory)	2
	IIIrd	Heritage Economics (Theory)	1
	IVth	Conservation Studio(Studio)	12
	IVth	Management Seminar (Theory)	2

7. Details of teaching work undertaken by the regular faculty in the other departments in the School.

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours Per Week
Prof.(Dr.) Priyaleen Singh	IInd Semester	Inter Department Elective (Theory)	2hrs per week
Asst. Prof. T. Lakshmi Priya	IIIrd Semester July to December 2018	Inter Department Elective (Theory)	2 hrs per week
		4 th year Dissertation of B.Arch student, School of Planning and Architecture, New Delhi on Delhi's Forgotten Heritage, the vanishing legacy of Shahjahanabad	2 hrs per week
		4 th year Dissertation of B.Arch student, School of Planning and Architecture, New Delhi on Custodians of the Past, Heritage and the role of various stakeholders in heritage sites and heritage structures: Delhi	2 hrs per week

8. Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours Per Week
Mr. Manish Kumar	Ist	GIS Basic (Theory)	2 hrs.

	IInd	GIS Advanced (Theory)	2 hrs.
Ms. Bharti Sikri (Contract Faculty)	Ist	Oral Communication (Theory)	1 hrs.
	Ist	Visual Communication (Theory)	1 hrs.
	Ist.	Building Materials and Structural Systems (Theory)	1 hrs.
	Ist	Conservation Studio (Studio)	12 hrs.
	IInd	Building Materials and Structural Systems II and Laboratory (Theory)	1 hrs.
	IInd	Inter Department Elective (Theory)	2 hrs.
	IInd	Conservation Studio(Studio)	12 hrs.
	IIIrd	Heritage Tourism(Theory)	1 hrs.
	IIIrd	Research Paper –I(Theory)	1 hrs.
	IVth	Research Paper –II(Theory)	1 hrs.
Mr. Sukanta Saha	Ist	Conservation Studio(Studio)	1.5 hrs.
	IVth	Conservation Studio(Thesis)	3.5 hrs.
Ms. Deepika Saxena	Ist	Conservation Studio (Studio)	1.5 hrs.
Dr. Rima Hooja	Ist	Foundation Course(Theory)	1 hrs.
Mr. Satish Pandey	Ist	Conservation Lab(Theory)	1 hrs.
Mr. R. S. Jamwal	Ist	Building Materials and Structural Systems (Theory)	1 hrs.
Ms. A Vijaya	Ist	Management of Historic Building Systems.(Theory)	1 hrs.
Ms. Chetna Singh	Ist	Planning for Conservation (Theory)	0.5 hrs.
Dr. Meenakshi Dhote	Ist	Planning for Conservation (Theory)	0.5 hrs.
Mr. M. L. Chotani	Ist	Planning for Conservation (Theory)	0.5 hrs.
Ms. Harshita Deo	Ist	Planning of Conservation (Theory)	0.25 hrs.
Dr. Sewa Ram	Ist	Planning of Conservation (Theory)	0.25 hrs.
Ms. Vertika Sharma	IInd	Heritage law and jurisprudence (Theory)	1 hrs.
Mr. A. K. Khanna	IInd	Archaeology (Theory)	1 hrs.
Ms. Smita Datta Makhija	IInd	Conservation Studio (Studio)	4 hrs.
Ms. Shahena Khan	IInd	Department Elective (Theory)	1 hrs.
	IVth	Conservation Studio(Thesis)	7.8 hrs.
Ms. Anjali Krshan Sharma	IInd	Department Elective (Theory)	1 hrs.
Mr. Azfar Ahmad	IIIrd	Department Elective (Theory)	2 hrs.
Ms. Yaaminey Mubayi	IIIrd	Conservation Studio (Studio)	2 hrs.
	IVth	Conservation Studio (Thesis)	3.5 hrs.
Ms. Shalini	IIIrd	Conservation Studio (Studio)	2 hrs.

Dasgupta			
Mr. Vaibhav Prakash	IIIrd	Heritage Tourism (Theory)	2 hrs.
Mr. Divay Gupta	IIIrd	Conservation Studio (Studio)	2 hrs.
Ms. Ridhima Bajaj	IVth	Conservation Studio(Thesis)	7.8 hrs.

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

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
1st Semester: Studio exercise Conservation Plan for sustaining the values of the cultural resources of Hauz Khas and its environs	The first semester studio exercise aims to introduce the living historic city of Delhi and to formulate conservation plan for identified heritage resources of Hauz Khas and its environs. The focus is to understand the values and significance of the various heritage resources and provide solutions for a sustainable future.	Hauz Khas located in South Delhi is named after an ancient water tank known as Hauz i Alai, excavated by Alauddin Khilji for the inhabitants of Siri, the second city of Delhi. Later Firuz Shah Tughlaq (1351–88) re-excavated the silted tank. Built in the 13th century, Hauz Khas (Royal tank), and its reservoir covered a much larger area. The tank is surrounded by several historic structures which includes the 14th-century madrasa. The area is marked with the urban village of Hauz Khas, the Deer Park and planned residential complexes such as Hauz Khas enclave, Mayfair gardens etc, marked with numerous heritage structures.	A comprehensive understanding of historic city of Delhi was obtained through primary surveys and research. Enhanced research and detailed documentation enabled in identification of heritage, establishing linkages, understanding transformation and formulating conservation plan for the heritage resources. Documentation included detailed mapping, inventorying, measured drawings and condition mapping. Proposals were formulated for addressing the needs of conservation and management issues in Hauz Khas and its environs, and integrating the concerns of heritage in the city of Delhi.

<p>IIIrd Semester Sustainable Heritage Conservation Management Strategy for the Cultural Landscapes of Kodaikanal, Palani Hills, Tamilnadu</p>	<p>The Studio project focuses upon the identification and management of the Cultural Landscape of Kodaikanal, a Historic Hill Station, within the Palani Hills, associated with the Western Ghats. The objective was to develop research methods and multi-disciplinary techniques required for addressing complex issues associated with conservation and management of Cultural Landscapes of historic hill stations, an important 19th century settlement typology.</p>	<p>Kodaikanal, a Historic Hill Station established in the Palani Hills from the early 19th Century onwards, is considered to be a significant example of a Cultural Landscape, one of the few historic hill stations in India that have been not been established by the British, with almost all the character defining features of the Hill Station typology. This provided understanding of the challenges of conservation and sustainable development of a unique, living associative urban cultural landscape that is threatened by rapid, unsustainable urbanization</p>	<p>The students developed strategies for the definition and management of the cultural landscape of the historic core of the hill station of Kodaikanal, within the associated region. This included the integration of a process for heritage impact assessment within the overall conservation management and development framework for the area. They formulated a Heritage Resource Management Plan for the delineated historic area, as well as individual proposals for sustainable conservation and regeneration.</p>
---	---	--	--

<p>IIND SEMESTER: Integrated Urban Conservation Plan for Bundi, Rajasthan: Aligning Sustainable development goals with heritage conservation</p>	<p>The studio focuses on familiarizing students with SDG's and historic urban systems as cultural resources in historic settlements, identifying patterns of transformation and unsustainable development leading to the loss of historic character and therefore preparing an Integrated conservation and sustainable development Plan Incorporating existing development programs, Government schemes and infrastructure improvement projects in order to provide better quality of life and habitat in historic towns</p>	<p>The historic town of Bundi, Rajasthan, known for its exceptional traditional water management systems and residential heritage still retains its character. Its water systems and traditional spatial organization are under neglected due to pressures of development, increased commercialization, changing land uses, transportation, encroachments on open spaces etc. resulting in obsolescence of the unique water management systems and associated open and built heritage The proposals, were aimed at conserving and integrating the proposals with existing schemes for sustainable living.</p>	<p>Assessment of Sustainable Development Goals and significant Urban Systems in historic settlements through resource mapping and stake holder consultation</p> <p>Addressing the need of Integrated Sustainable Urban Conservation Plan for the historic settlements those are under multiple pressures of development.</p> <p>Development of conservation proposals by integrating existing government schemes in community upgradation by restoration of historic fabric, adaptive reuse, conservation guidelines, infill development, Sustainable water management through revitalization of public open space systems and sustainable tourism.</p>
---	--	---	---

10. Details of the thesis topics researched by the students of the final year class:

Roll No.	Name of the Student	Thesis Topic
SPA/NS/AC/803	ABANTIKA MUKHERJEE	Conservation Management Plan for Industrial Heritage of Howrah: Focus on Jute Mills Precincts at Ghusuri.
SPA/NS/AC/804	IPSITA ACHARYA	Rediscovering Konigsberger's Bhubaneswar as a Heritage Town
SPA/NS/AC/806	KRITTIKA MOHAN	Conservation Management Plan for the

		Barpeta Satra Precinct , Barpeta, Assam.
SPA/NS/AC/807	D. L. WESLEY NAIK	Adaptive Re-use of Zamindar Palace, Challapalli, Andhra Pradesh.
SPA/NS/AC/809	RITU SARA THOMAS	Conservation Management Plan of the Historic Core of Thiruaranmula , Kerala
SPA/NS/AC/811	SAVITA RAJAN	Revitalisation of Comtrust Weaving Factory, Kozhikode, Kerala
SPA/NS/AC/812	SUPRIYA KUMAR	Adaptive Reuse of Rizwan Castle, Patna, Bihar
SPA/NS/AC/813	SWATHY VS	Conservation of Vernacular Architecture of Historic Port Town of Ponnani, Kerala
SPA/NS/AC/815	VIPENDRA SINGH THAKUR	Conservation Management Plan for Sagar Khas, M.P.
SPA/NS/AC/816	VISHNU P. PRAKASH	Finding A New Life Through Adaptive Reuse for The Old Railway Terminus Complex, Kochi, Kerala.
SPA/NS/AC/773	MAHESH KUMAR	Restoration of Raja Ki Haveli and Rural Tourism as a Tool for Economic Development In Shahganj Village, Faizabad(U.P.)
SPA/NS/AC/774	MIRA ROSE JACOB	Conservation Management Plan For the Agraharam Streets of Valiyasala, Thiruvananthapuram , Kerala

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

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
2012	Sameer Hakim Hamadani	Syncretic traditions of religious architecture of Kashmir	Prof. Dr. Priyaleen Singh	
2016	Bulbul Shukla	Colonial Urban Open Space and its image transformation.	Prof. Dr. Priyaleen Singh	
2018	Shalini Dasgupta	Evaluating comfort in Historic buildings in India: Heritage hotels in Hot-Humid climate	Prof. Dr. Priyaleen Singh	
2018	Ibynta Bakmen Tiewsoh	Community led approach towards a sustainable model of Rural tourism to	Prof. Dr. Priyaleen Singh	

		conserve the built and natural heritage of Meghalaya		
2019	Divay Gupta	Converging mythologies and geographies in creating multiple manifestations of Kashi	Prof. Dr.Priyaleen Singh	

12. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received.

Name of the Project	Thrust Area / Faculty	Expected Outcomes
Ministry of Human Resource Development – Design Innovation Centre (DIC) project “wEConserve”	<ul style="list-style-type: none"> - Improved conservation interventions for historic havelis in Shahjahanabad - Provisional Patent Granted (International application under Patent Cooperation Treaty) <p>Project Coordinator: Associate Professor Anuradha Chaturvedi</p>	Development of final mobile application “wEConserve” – an interactive historic building pathology system app; supported by geo-tagged Haveli locations, machine learning features for defect detection, and technical database for providing knowledge of timely and cost-effective conservation and retrofitting intervention.
CPWD, Heritage Impact Assessment for EPFO Housing Redevelopment at Malviyanagar	Impact Assessment of Development Projects on Heritage Resources Associate Professor Anuradha Chaturvedi	Impact identification of proposed development projects, and proposals for required mitigation measures. Approval from NMA.
Jamia Hamdard, Heritage Impact Assessment for Construction on Jamia Campus in close vicinity of Tughlaquabad	Impact Assessment of Development Projects on Heritage Resources Associate Professor Anuradha Chaturvedi	Impact identification of proposed development projects, and proposals for required mitigation measures.

<p>NCRTC – Heritage Impact Assessment for 14 monuments along the RRTS Sarai Kale Khan to SNB Corridor alignment in Delhi</p>	<p>Impact Assessment of Development Projects on Heritage Resources: Project Lead: Associate Professor Anuradha Chaturvedi</p> <p>Preparation of Statement of Significance / Prof. Dr. Priyaleen Singh Impact Assessment/ Assistant Prof. T. Lakshmi Priya Prof. Dr. Sewa Ram, Prof. Dr. Sanjukta Bhahduri, Assistant Prof. Salman Khurshid</p>	<p>Assessment of significance, Impact identification of proposed development projects, and evaluation of possible development impact according to International norms, and proposals for required mitigation measures.</p>
<p>DDA & NIUA – Sector Advisor on Heritage for formulation of the Delhi Master Plan 2041</p>	<p>Integrated conservation planning & Urban Conservation: Sector Advisor: Associate Professor Anuradha Chaturvedi</p>	<p>Sector Advisor on Heritage for Baseline, Visioning and Goal Setting for Master Plan for Delhi - 2041.</p>
<p>Comprehensive Conservation Management Plan for National Archives of India (NAI), New Delhi Client : National Archives of India, Ministry of Culture</p>	<p>Management and Protection of the NAI heritage building/ Asst. Prof. T. Lakshmi Priya</p>	<p>An Integrated Management Plan to guide all conservation and restoration works at NAI, New Delhi to help the client with all aspects of the site and building and handle city level changes to be in harmony with the context and site.</p>
<p>Vision document for Taj Trapezium Zone</p>	<p>Heritage resource conservation/Prof Dr Priyaleen Singh</p>	<p>As a multidisciplinary activity the document will outline strategies for the conservation of heritage resources within the region.</p>

13. Inter-institutional collaborative projects and associated grants received (a) National collaboration (b) International collaboration

Associate Professor Anuradha Chaturvedi

International

Name of the Project	Thrust Area	Expected Outcomes
India- Italy Scientific & Technological Programme 2017-19 of DST Collaborative research project between CNR-IGG (Italian Research Council, Florence) & SPA	From Lab to Land: Research on performance of improved traditional materials and techniques.	Research-cum-training and outreach initiative for practical application of scientific knowledge to common conservation problems. Evaluate the efficacy of various traditional and historic building materials and utility of specific, compatible, modern materials for improved conservation interventions on residential heritage buildings (havelis) in composite tropical climates

Assistant Professor T. Lakshmi Priya

Name of the Project	Thrust Area	Expected Outcomes
India- Italy Scientific & Technological Programme 2017-19 of DST Collaborative research project between CNR-IGG (Italian Research Council, Florence) & SPA	From Lab to Land: Research on performance of improved traditional materials and techniques.	Research-cum-training and for practical application of scientific knowledge to common conservation problems.

14. Details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty.

Associate Prof. Anuradha Chaturvedi

- **Chaturvedi, A. (2018).** Historic water systems in India: relevance for sustainable development of significant cultural landscapes In Federica Sulas & Innocent Pikirayi (Eds.), *Water and Society: Resilience, decline and revival from ancient times to the present* (282-312). Routledge.

15. Details of other publications made by regular faculty of the department of studies.

Associate Prof. Anuradha Chaturvedi

Chaturvedi, A. (2018). Early Scientific Investigations on Earthquakes in India: Influence of Japanese Seismologists on the development of Earthquake resilient construction in North-East India. In creative commons- India and Japan: Unearthing Lesser-Known Linkages. Report of conference Proceedings submitted to ICSSR: India and Japan: Unearthing Lesser Know Linkages (371 to 383).

16. Faculty serving in (a) National Committees (b) International Committees(c) Editorial Boards (d) Any other

(a) National Committees

Associate Professor Anuradha Chaturvedi

- Member, Senate, School of Planning and Architecture, New Delhi
- Member of Building Lime and Gypsum Products Sectional Committee, CED4, Bureau of Indian Standards (BIS)), Manak Bhawan, New Delhi and 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
- Member, Expert Committee for Kerala Secretariat Complex, Trivandrum 23rd-25th October. 2018
- Member, Sub-Committee on Heritage BIM for Rashtrapati Bhavan, CPWD – 10th September, 2018, 30th October, 2018, 16th November, 2018 , 20th March, 2019
- Member, Organising Committee and Co-convenor for International Conference on ‘India – Japan Historical Linkages’ organized by Japan Foundation and MOSAI (Monbusho Scholars Association of India) on India-Japan linkages, 15th-17th November 2018.
- Member, Sub-Committee of Delhi Urban Heritage Foundation constituted to review the Delhi Urban Heritage Foundation Regulations, 1999
- Member, Selection Board for admission to Masters programme, Department of Landscape Architecture, SPA, New Delhi
- Member, DRC, Department of Landscape Architecture
- Member, DRC, Department of Environmental Planning
- Member, Advisory Committee , Department of Architectural

Conservation

- Member, Advisory Committee , Department of Landscape Architecture
- Member, Faculty Selection Committee, Department of Architectural Conservation and Department of Landscape Architecture
- Member, JDRC, School of Planning & Architecture, New Delhi
- Member, Library Committee, School of Planning & Architecture, New Delhi
- Member, Selection Committee constituted for Selection of students for Semester Abroad programme at the University of Melbourne under MoA between SPA, New Delhi and University of Melbourne.
- Member, Moderation Committee, Department of Architectural Conservation, Department of Landscape Architecture & Department of Environmental Planning.
- Member, ICOMOS India.

Prof. Dr. Priyaleen Singh

- 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
- Member, 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, Advisory committee for Architectural Heritage Division, INTACH
- Member, Selection Board for admission to Masters programme, Department of Arch Conservation, SPA, New Delhi.
- Member, Core group for preparation of National Disaster Management guidelines on Risk management of centrally protected monuments. NDMA, Govt of India.
- Member DRC Department of Conservation, Bhopal.
- Member, Building Committee of Delhi University.
- Member, ICOMOS India
- Member Delhi Urban Heritage Foundation' DDA, Delhi
- Member, Board of management, Delhi Institute of Heritage Research and Management, Delhi Government.
- Member, Evaluation Committee for financial assistance to conservation of unprotected monuments. ASI Government of India.
- Member Academic Sub Committee to look at revisions in syllabus of B.Arch programme, USAP, Dwarka.
- Member, Committee to oversee Arrangements for Foundation Day, 2 Nov 2018.
- Member, Anti -Ragging Committee , SPA, Delhi

Assistant Professor T. Lakshmi Priya

- 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
- Member of the Screening Committee for Scrutiny of the applications for the post of Registrar , SPA-D
- Member of the Technical Assessment Committee for assessment of estimates and other matters related to different circles of ASI.
- Member of the Advisory Committee for World Heritage Matters, ASI
- Member, ICOMOS India
- Member, Implementation Committee of CCMP of Heritage Building , NAI

(c) Editorial boards**Prof. Dr. Priyaleen Singh**

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

17. Exhibitions, Seminars or workshops organized by the students and faculty of the department**Associate Professor Anuradha Chaturvedi**

- Co-convenor of International Conference on 'India and Japan: Unearthing lesser known 16th to early 20th century linkages', organized by MOSAI, Japan Foundation, ICSSR with SPA, at India International Centre, 15th -17th November, 2018
- Exhibition on 'Heritage of Delhi: Continuities, Change and the Consequences of Urbanisation' linked with the India-Japan International Conference, at the National Museum, Delhi. 17th-27th November, 2018 and at the Japan Foundation, Delhi, 5th May-5th June, 2019
- Exhibition of Department work and Interactive session on Linkages between Sustainable Livelihoods and Heritage Conservation on occasion of the visit of Director General of ICCROM (International Centre for Conservation at Rome), Dr Webber N'Doro to SPA, Delhi. 13th December, 2018.
- Workshop on 'Heritage of Bundi' at Purnima University, Jaipur, 21st January, 2019
- Exhibition of Students Work on Hauz Khas and Heritage of Bundi , and

participatory interactive photo-booth on occasion of World Heritage Day, 18th April, 2019 at SPA, Planning Building.

- Collaborative workshop on 'Sustainable Livelihoods in Informal and Traditional Settlements' organized by Department of Architectural Conservation with Department of Housing and urban researchers from Politecnico di Torino, Department of Architecture and Design.

18. Seminars or workshops attended by the faculty of the department

Prof. Dr. Priyaleen Singh

- Invited to deliver Fourth Platinum Jubilee lecture on 'Demystifying Conservation' as part of 'Conversations on challenges of heritage conservation', 16th April 2019 at IIC, New Delhi.
- Invited to deliver Ninth lecture of the ASI Lecture Series on 'Conserving the Spirit of a Historic Garden' at ASI, New Delhi.
- Attended 14th meeting of Delhi Urban Heritage Foundation on 26th Dec 2018 at Raj Niwas under the Chairmanship of Hon'ble Lt Governor, Delhi.
- Held meeting with Australian Heritage Delegation in SPA, Delhi on 21 Jan 2019.
- Attended All India DIC Meet 2019 at Dr Ambedkar International Centre, New Delhi on 11th April 2019.
- Invited to give 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, 28 Feb 2019.
- Invited to give a presentation in workshop 'Conservation of Heritage Buildings in Shahjahanabad', at Town Hall, Chandni Chowk, Delhi on 22 Sept 2018
- Participated in National Housing Conference, 31st May 2019 at SPA, Delhi

Associate Professor Anuradha Chaturvedi

- Participated in DUAC meeting on Shahjahanabad, 8th September, 2018
- Invited Lecture at Delhi University, Sustainability Forum on 'Heritage Resources and Sustainability Historic Cities & Imperatives for Sustainable Development', Shaheed Bhagat Singh College, 11th October, 2018
- Attended DST India-Italy Technology Summit, Delhi, 29th - 30th October, 2018
- Participated in Expert Meeting on Strengthening Higher Education for Cultural Heritage Management in the Asia-Pacific Region, UNESCO and Southeast University, Nanjing, China, 2nd - 5th November, 2018

- Participated in Expert Meeting on structural conservation issues and shifting of utility services and made presentation on 'Heritage Building Information Modeling Systems: A way forward', at Rashtrapati Bhavan, Delhi, 16th November, 2018
- Presented paper on 'Early Scientific Investigations on Earthquakes in India: Influence of Japanese Seismologists on the development of Earthquake resilient construction in North-East India' at the International Conference on 'India and Japan: Unearthing lesser known 16th to early 20th century linkages', organized by MOSAI, Japan Foundation, ICSSR with SPA, at India International Centre, 17th November, 2018
- Invited to conduct a session on 'Scientific Assessment of Organic Additives for Conservation of Lime' at Nagaur Fort Conservation Workshop by Dr Minakshi Jain and the Mehrangarh Museum Trust. 22nd -25th Nov 2018
- Attended the Conference on EU-India Partnership for Cultural Heritage Conservation at the National Museum, 4th December, 2018
- Attended India Heritage Foundation Stakeholder Meeting at Town Hall, Chandni Chowk. 5th December, 2018
- Presented paper on 'Exploring linkages between the traditional 'Qanat' Water Systems of India and Iran: Innovation and Transfer of Knowledge in the Deccan cities of Ahmadnagar, Bidar, Bijapur and Burhanpur' at the International Conference on Art and Architectural Traditions of India and Iran: Commonality and Diversity', India-Arab Cultural Centre, Jamia Millia Islamia, Delhi, 6th December, 2018
- Participated in INTACH round table on Ganga Cultural Documentation. Delhi, 12th January, 2019
- Invited to speak on heritage conservation in Zanskar on the occasion of release of book entitled 'Buddhist Monuments of Zanskar' by Dr R.C. Agrawal, India International Centre, Delhi, 7th February, 2019
- Participated in the 1st Convention of Conservation Architects of the Conservation Architects Community, India at Bhopal, 1st -4th March, 2019
- Participated in the Microsoft Innovation Programme, Delhi, 29th March, 2019
- Participated in the Design Innovation Centre Meet, Delhi, 11th-12th April, 2019
- Participated in Asian Academy of Heritage Management Strategic Meeting on 'Collaborative Actions for Strengthened Higher Education in Cultural Heritage Management in Asia', organized by UNESCO Bangkok & University of Hong Kong, Hong Kong SAR, China, 2nd -5th June, 2019

- Participated in ICOMOS AGM & Scientific Symposium, Varanasi, June 12th-17th June, 2019
- Participated in the New Zealand – India Academic Conclave, Delhi, August, 2018

Assistant Professor T. Lakshmi Priya

- Attended the talk on “Strategies for Urban Regeneration” by Shiraz Allibhai , Director, Aga Khan Trust for Culture , Geneva on 17th August 2018
- Attended the Conference on EU-India Partnership for Cultural Heritage Conservation at the National Museum, 4th December, 2018
- Participated in the meeting with the Heritage Delegation from Australia on 21st Jan 2019 at 12:30 pm in the New Committee room, SPA-D
- Attended the Ninth Lecture of ASI Lecture Series by Prof. (Dr.) Priyaleen Singh, School of Planning and Architecture, Delhi on 22nd April 2019 in the Audio Visual Hall of ASI office, Tilak Marg
- Attended the All India DIC meet held on 11th and 12th April 2019 at Dr. Ambedkar International Centre, New Delhi
- Attended meeting with Australian Heritage Delegation in SPA, Delhi on 21 Jan 2019
- Participated in the interactive collaborative workshop on ‘Sustainable Livelihoods in Informal and Traditional Settlements’ on 7th June, 2019

Contract Faculty Bharti Sikri

- Attended Confluence 2019 Thinking Cities'- The Rise of Resilience” organized by Mahindra on 13 Feb.
- Attended Lecture by Professor Pratyush Shankar, for his forthcoming book published by Oxford University Press on 20 February 2019
- Attended Demystifying Conservation: Conversations on challenges of heritage conservation in conversation with Dr. Priyaleen Singh, Ar. Abha Narain Lambah on Tuesday 16th April at India International Centre.
- Made presentation at exhibition area on All India DIC meet for Department of Architectural Conservation project wEConserve at Ambedkar Bhawan, on 11th – 12 the April 2018
- Participated in the interactive collaborative workshop on ‘Sustainable Livelihoods in Informal and Traditional Settlements’ on 7th June, 2019

19. Departmental Advisory Committee

Internal Members

- Associate Prof. Anuradha Chaturvedi,
- Prof. (Dr.) Priyaleen Singh
- Assistant Prof. T Lakshmi Priya,

External Members

- Prof. K. B. Jain
- Dr. Ranjini Bhattathiripad
- Prof. AGK Menon

20. Departmental Research Committee

Internal Members

- Prof. (Dr.) Priyaleen Singh
- Prof. (Dr.) Mahavir (Dean Academics)

External Members

- Dr. Partho Datta, Historian and Professor , JNU
- Dr. B. R. Mani , Director General , National Museum

21. Any other information

Prof Dr. Priyaleen Singh

- Invited to be Visiting Professor at IDC (Institute for Development and Communication).
- Peer reviewed three articles for Thaap Journal, Lahore, Pakistan.
- Research contribution to 'National Register of Historic gardens', INTACH listing cell project
- Research contribution to preparation of HIA's, INTACH, Architectural Heritage Division.
- Conducted Heritage Walk to Roshanara gardens as part of the Urban walk series organized by IUDI. 17th March 2019
- Attended inauguration and Completion celebration of the Mughal Riverfront Gardens of Agra, organized by WMF and ASI at Agra on 11 Jan 2019.
- Co-guide to PhD candidate Ayla Khan, Faculty of Architecture and Ekistics, Jamia Millia Islamia.
- Project Evaluator to Indian National Commission for History of Science

under the aegis of INSA on the project 'Ancient water buildings of India: Stepwells and Stepped ponds'.

Associate Professor Anuradha Chaturvedi

- Participated in Training Programme on the Development of Standards, BIS, NOIDA, 2nd & 3rd August, 2018
- Participated in Bureau of Indian Standards (BIS), Manak Bhavan, meetings held on 5th September, 2018 and 22nd October, 2018 on the Development of Standards.
- Peer reviewed articles submitted for the SPA, Vijaywada journal and for the International Conference on Energy and Sustainable Built Environment ICESBE.
- Co-Guide for Gianluca D' Agostino enrolled in the Masters Programme in Architecture, Construction & Urbanism at the Department of Architecture and Design, Polytechnic of Turin, Italy for his thesis on 'Havelis of Shahjahanabad: History and Strategies for Adaptive Reuse'
- Lecture and Review of Heritage Management Diploma Course students work, INTACH Heritage Academy, Delhi. 6th September, 2018
- Attended BIM Fundamental Course offered by Bentley Institute on 27.6.2018
- Contributed photographs to articles e-published on Scroll.in on Vertical Gardens & Hanging Baskets Participated in the New Zealand – India Academic Conclave, Delhi, August, 2018
- Attended Seminar on Higher Education at the Italian Cultural Center, 18th March, 2019
- Participated in World Heritage Day event at Chini Ka Rauza , Agra organized by Saira-e- Dastan , 21st April, 2019

Asst. Prof. T. Lakshmi Priya

- Conducted site visit and organized special lecture by Mr Ratish Nanda at the Humayun's Tomb, for the post graduate students of Architectural Conservation
- Coordinated with Joint Director General, Archeological Survey of India (ASI) in May 2019 for engaging the post graduate students of Architectural Conservation in summer internship in various circles of ASI.
- Made a presentation on the draft Management Plan to the Director General, NAI at National Archives of India, on 27th March 2019
- Served as an external reviewer, as a mentor for nominations of four heritage sites in India onto the 2020 World Monuments Watch.

Department of Building Engineering and Management

1. Name of the Department

Department of Building Engineering and Management

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1979

4. Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Anil Dewan	B. Arch, M.B.E.M., Ph.D.	Head, Department of BEM and Professor, Department of Architecture	Healthcare Building Planning and Design	29	July 2019 to December 2019 From July 2018 to December 2018
Jaya Kumar	B. Arch, Ph.D. in Architecture	Head, Dept. of BEM and Professor, Department of Architecture	Architectural Design	29	January 2019 - June 2019
Virendra Kumar Paul	B. Arch., M.B.E.M., Ph.D.	Professor of BEM; Dean Planning and Development; OSD (Vasant Kunj Project);	Quality Management; Building Science; Fire Safety	30	Former Head, Department of BEM

Salman Khursheed	B. Tech. (Civil); Master's in Building Science and Construction Management IIT, Delhi	Assistant Professor	Structural Systems and Design Processes, Project Cost and Contract Management, Construction Technology, Project Procurement and Management	20	
Abhijit Rastogi	B. Arch M. B.E.M.	Assistant Professor	Project Management Infrastructure Management Operations Management	09	
Chaitali Basu	B. Arch M.B.E.M. M.Sc. Business Management U.K.	Assistant Professor	Project Management Functional Performance of Buildings Disaster Resilient Planning and Rehabilitation	11	

5. Contract Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	COA No.
Like Judson	M.BEM	Assistant Professor	Project Planning and Scheduling, Functional Performance	09Yrs	CA/2010/48408

Aparna Ash Kanojia	M.BEM	Assistant Professor	Project Procurement Management & Functional Performance of Buildings	5Yrs	
--------------------	-------	---------------------	--	------	--

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Virendra Kumar Paul	I	Project Planning and Scheduling (BEM-5)	2
		Functional Performance of Buildings	2
	III	Quality Management System (IE-BEM/E-2)	2
		Human Resource Management (BEM-E4)	1
		Disaster Resilient Project Planning and Reconstruction (BEM-E7)	1
	II	Project Cost and Contract Management (BEM-9)	2
		Structure System and Design Process (BEM-7)	
		Project Seminar –I (BEM-10)	4
		Fire and Safety (BEM-E1)	1
		IV	Nil
Salman Khursheed	I	Construction Technology (BEM-1)	4
		Project Planning & Scheduling (BEM-4)	1
	III	Project Procurement Management (BEM-11)	1
		Project Procurement Management (BEM-12)	6
		Project Seminar – II (BEM-14)	2
	II	Structural System & Design Process (BEM-7)	4
		Project Cost and Contract Management (BEM-8)	1
		Project Cost and Contract Management (BEM-9)	2
		IV	Thesis (BEM-15)
Abhijit Rastogi	I	Construction Technology (BEM-1)	2
		Project Planning and Scheduling (BEM-4)	1
		Project Planning and Scheduling (BEM-5)	6
		Functional Performance of Buildings	2

	III	Project Seminar – II (BEM-14)	4
		Real Estate Management (BEM-E6)	1
	II	Project Cost and Contract Management (BEM-9)	2
		Infrastructure Project Construction Management (BEM-E-)	2
		Infrastructure Development and Management (BEM-E1)	2
	IV	Thesis (BEM-15)	12
	Chaitali Basu	I	Functional Performance of Buildings (BEM-2)
Project Planning and Scheduling (BEM-4)			1
Project Planning and Scheduling (BEM-5)			6
Research Methodology (BEM- AC1)			1
III		Project Seminar – II (BEM-14)	4
		Disaster Resilient Project Planning and Reconstruction (BEM-E7)	1
II		Project Cost and Contract Management (BEM-9)	4
		Fire and safety (BEM-E1)	1
IV		Thesis (BEM-15)	12

7. Details of teaching work undertaken in the other departments in the School:

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

8. Details of teaching work undertaken by the visiting faculty and visiting professors, etc. in the Department:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Mr. Kapil Mahotra	First	Building Services (BEM-3)	01
	Third	Nil	00
	Second	Nil	00
	Fourth	Nil	00
Mr. Kuldip Kumar Peshin	First	Building Services (BEM-3)	02
	Third	Nil	00

	Second	Nil	00
	Fourth	Nil	00
Mr. Manish Jain	First	Nil	00
	Third	Nil	00
	Second	Nil	00
	Fourth	Thesis (BEM-15)	06
Mr. Manoj Kumar Mittal	First	Nil	00
	Third	Nil	00
	Second	Structural Systems & Design Process (BEM-7)	02
		Project Cost and Contract Management (BEM-9)	04
	Fourth	Nil	00
Dr. Pawan Kumar Taneja	First	Quantitative Methods and Operation Research (BEM-6)	02
	Third	Project Finance Management (BEM-13)	02
	Second	Nil	0
	Fourth	Nil	0
Mr. Vijay Kumar Sharma	First	Building Services (BEM-3)	01
	Third	Project Procurement Management (BEM-11)	01
		Project Procurement Management (BEM-12)	04
	Second	Project Cost and Contract Management (BEM-8)	02
	Fourth	Project Cost and Contract Management (BEM-9)	04
Major Gen T.S. Sidana	First	Nil	00
	Third	Project Procurement Management (BEM-11)	02
		Project Procurement Management (BEM-12)	06
		Project Seminar - II (BEM-14)	02
		Real Estate Management (BEM-E-6)	01
	Second	Project Seminar-I (BEM-10)	04
	Fourth	Thesis (BEM-15)	06
Quality Management System (BEM-16)		01	

9. Details of the studio work undertaken by the students:

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
Project Planning and Scheduling	Planning of time scheduling of the case study projects	<ul style="list-style-type: none"> Additional Office Complex For The Supreme Court of India : Adjoining To Pragati Maidan, New Delhi 1,240 Bedded IG Hospital, New Delhi South Asian University, New Delhi Guru Gobind Singh IP University, New Delhi Meghdutam Encore Residential Project, Greater Noida 	Time management processes demonstrated
Construction Technology	Study of construction technologies adopted in the case study projects		Critical analysis of technologies carried out and their selection validated
Project Cost and Contract Management	Study financial models for building and infrastructure projects		Procurement processes analysed and alternatives considered for their suitability

10. Details of the thesis work undertaken by the final semester students:

BEM/672	Biswanath Mudi	Building Demolition Methods And Associated Cost
BEM/676	Deepti Nangia	Critical Review of PPP Mode in Airports and Proposal of Financial Analytical Model for Operationisation of PPP
BEM/681	Meenakshi Priyadarshini	Quantitative Framework for Vulnerability Assessment of Critical Infrastructure (Transport) in Case of Flood
BEM/696	Vishus Narayanan N	Comparative Analysis for Slab System Selection in Multi-Storeyed Buildings
BEM/698	Aman Agarwal	Life Cycle Costing of HVAC Systems in Hotel Projects
BEM/699	Ananda Das	Construction Quality Assessment for Five Star Hotel in India
BEM/700	Ankita Gupta	Bidding Strategies to Mitigate Adverse Selection: A Multi-Criteria and Game Theory Approach
BEM/701	Apoorva Singla	Assessment Of Egress Time On The Basis Of Human Behaviour In Fire
BEM/702	Arunima Roy	Effect of Smoke on Egress Design Parameters in Hospital Buildings
BEM/703	Avilash Bardhan	Optimisation of Variables Affecting Real Estate Sustainability

BEM/704	Bhawna Jaipaty	Construction Material Procurement and Management Risks
BEM/705	Deepak Kumar	Performance Analysis of Inner Partition Walls
BEM/706	Gaurav Prakash Sharma	Risk Assessment for Rooftop Solar Power Projects in India
BEM/707	Kumar Parvesh	Comparative Analysis of Fidic EPC Vs CPWD EPC Contracts
BEM/708	Kumund Kohul	Vulnerability Mapping of Tertiary Healthcare Units in Urban Centres
BEM/709	Lakshya Satija	Framework for Design Quality Evaluation of Modern Office Buildings
BEM/710	Lalngaihawma Ralte	Assessment of Construction Material Management in India
BEM/711	Md. Asif Akbari	Optimization of Glass Façade Design of High-Rise Building
BEM/713	Mohammed Roshan	Financial Risk Management in Indian Real Estate
BEM/714	Mukhtar Ahmad	Best Practices Of Dust Control at Construction Sites
BEM/715	Nandu S Kumar	Risk Analysis in Design Management
BEM/716	Navneet Meena	Legacy Planning for Stadium Projects
BEM/717	Nitesh Banthia	Evaluating Value Drivers of Rent In Residential Real Estate
BEM/718	Piyali Debnath	Fire Spreading Inhibition Strategies in Tall Building Through External Facade Designing
BEM/719	Rajarshi Mandal	Identification of Critical Delay Factors in Indian Airport Infrastructure Projects
BEM/720	Rajat Kumar Singh	Configuration of Dwelling Units for a Residential Real Estate Project
BEM/722	Shehjad Husain	Fire Safety Evaluation in Underground Facilities
BEM/723	Shrey Garg	Financial Feasibility Analysis of an Affordable Housing Project
BEM/724	Shri Abhiraami T	Impact of Workplace Design on Productivity in Consultancy Offices
BEM/725	Siddharth Chakrabarty	Impact of Scope Changes in Hospital Construction
BEM/726	Surbhi Jethani	Cost of Implementation of Quality Management System In Construction Firms in India
BEM/727	Swarna Yesheswi R	Performance Measurement of Facilities Management in Commercial Buildings
BEM/729	Vishavdeep	Cost Comparison Matrix for PEB Buildings

11. Details of Ph.D. thesis topics:

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
2013-14	Mr. Deepak Saigal, Chief Engineer, NHPC	Study of Cost Overruns in Hydro Power Projects for developing model for Realistic Cost Prediction	Prof.(Dr.) Virendra Kr. Paul	Part Time
2016-17	Mr. Ganesh Krishna Chaukiyal, Executive Director (Engg.) - Airports Authority of India	The Diagnostic Study of Parameters of Airport Projects Contributing Toward Time Overruns During Planning and Execution Stages	Prof.(Dr.) Virendra Kr. Paul	Part Time
2018-19	Mr. Abhijit Rastogi	Study of Challenges in Fly Ash Utilization and Development of Proposal for Promotional Initiatives	Prof.(Dr.) Virendra Kr. Paul	Part Time
2018-19	Maj. Gen. T. S. Sidana	Develop a Value Index for Quality Of Life (QOL) Parameters of Residential Built Environment	Prof.(Dr.) Virendra Kr. Paul	Part Time
2018-19	Ms. Arshia Khajooria	Design Of Building Elements for Energy Efficiency: Case Study of Jammu City	Prof.(Dr.) Virendra Kr. Paul	Part Time
2018-19	Ms. Aparna Ash Kanojia	Development of Assessment for Wellbeing Indicator of Indian Cities	Prof.(Dr.) Virendra Kr. Paul	Part Time
2019-20	Ms. Niyati Gupta	Risk Assessment Framework/ Tool for Development of Resilient Critical Infrastructure against Extreme	Prof.(Dr.) Virendra Kr. Paul	Full Time

		Weather Event	
--	--	---------------	--

12. Details of research projects:

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes
UGC–UKIERI Project ‘Decision-Support Framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events (EWE) and Climate Change’ in collaboration with University of West England, Bristol, UK. The project is being led by Prof. (Dr.) P.S.N Rao. Project duration is from 1st April 2018-31 st March 2020	Prof. Dr. Virendra Kumar Paul (Co-PI)	Decision-Support Framework for Resilient Critical Infrastructure against Extreme Weather Events(s)

13. Publications:

Prof. Dr. Virendra Kumar Paul

- Basu, C., Paul, V.K., Syal, and M.G Matt (2019). Performance Indicators for Energy Efficiency Retrofitting in Multifamily Residential Buildings. *Journal of Green Buildings*, 14(2), 109-136.
- Chaukiyal, G.K., Paul, V.K. (2018). Airport Infrastructure Challenges For Regional Connectivity in India. *Journal of Emerging Technologies and Innovative Research*, 5(12), 663-672.
- Ranjan, R. and Rastogi, A. (2018). Integrated Watershed Model for Educational Campus”, Paper presentation at NFiCE2018, IIT Bombay.
- Seshadhri, Gopikrishnan & Paul, V. K. (2018). Measuring Satisfaction With User Requirement Related Building Performance Attributes: A Questionnaire. *Journal of Building Performance*, 9, 133-144.
- Seshadhri, Gopikrishnan & Paul, Virendra Kumar. (2019). User centric facility maintenance model for public housing. *Facilities*, 37 (11/12), 839-859. <https://doi.org/10.1108/F-09-2018-0110>

Salman Khursheed

- Khursheed S; Paul V. K & Akbari A. (2018). Multilateral Seismic and Cost Assessment of Buildings in Zone-V (INDIA) with and without Soft Storey. *International Journal of Advanced in Management, Technology and Engineering Sciences (IJAMTES)* 8(III), 951-966.
- Khursheed S; Paul V. K & Akbari, A. (2018). Comparative Analysis of Lateral Forces and Development of Steel Coefficient for Different Earthquake Zones and Wind Speed in India”. *International Journal of Technical Innovations in Modern Engineering & Science (IJTIMES)*, 4(7), 1243 – 1256.

- 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*, 20(5), 659-667. <https://doi.org/10.1007/s42107-019-00133-1>.
- Khursheed, S, Paul, V. K., & Mushfique, M. (2017, September 15). Mechanization in Building Construction and Its Cost Implication. *Futuristic Trends in Architecture*. International Conference on Futuristic Trends in Architecture: Greater Noida, Sharda University.
- Khursheed, S, Paul, V. K., & Mushfique, M. (2019, March 14-16). Comparative Cost Analysis of MMFX Bars in Indian Scenario. *Smart Cities Opportunities & Challenges*. International Conference on "Smart Cities Opportunities & Challenges: New Delhi, Department of Civil Engineering, Faculty of Engineering and Technology, Jamia Millia Islamia,

14. Faculty serving in Committees, Editorial Boards, etc.

Prof. (Dr.) Virendra Kumar Paul

- Member Governing Board, Indian Plumbing Skill Council
- Panel Member for CED 46:P19 to add a Chapter in the National Building Code of India on “Approach to Sustainability”, Bureau of Indian Standards
- Panel Member for CED 46:P11 to revise Part 8 – Constructional Practices and Safety, Bureau of Indian Standards
- Bureau of Indian Standards (BIS) as Panel Member for “Indian Standard Guidelines for Construction Project Management (CED 29/P1)”, Bureau of Indian Standards
- Panel Member, National Building Code -2005 committee for Part IV ‘Life and Fire Safety’, Bureau of Indian Standards
- Convenor of Working Group for Safety Management (CED 29/P1/WG 4) and member Quality Management (CED 29/P1/WG 3), Bureau of Indian Standards
- Member, Research and Development Committee of BMTPC
- Chairman of Curriculum Committee, Indian Plumbing Skills Council
- Master’s Dissertation / Thesis Jury members at IIT, Roorkey, IIT, Delhi
- Expert Member to Doctoral Committee AMITY University
- Jury Member for the selection / empanelment of consultants for the various projects of NBCC
- Registered with Council of Architecture.
- RICS
- Associate Member, Indian Institute of Architects.
- Life Member, Indian Plumbing Association.
- Honorary Member, Fire and Security Association of India.
- Fellow, Institute of Hospital Engineering

Salman Khursheed

- Member, Indian Association of Structural Engineers.
- Associate Member, Institution of Valuers
- Reviewer: *KSCE Journal Of Civil Engineering (ISSN:1226-7988) (August - 2018)*.

15. Exhibitions, Seminars or workshops organized by the Department:

- Workshop on '*Disaster Resilient Critical Infrastructure Planning for Extreme Weather Events*' organised by the Department of Building Engineering and Management on the 6th November 2018.
- 27 experts including 2nd year Master's students participated from various civic bodies, public sector undertakings, municipal corporations, healthcare, aviation sector, hydal power sector, and a focus group survey was conducted to establish the EWEs for India, and the criticality of infrastructure for the EWEs.
- Team India visited UWE, Bristol, UK between 9th November – 17 November 2018. The following collaborative activities were organized;
- First Meeting in UK_12th Nov 2018 Agenda: Existing knowledgebase in UK on resilience, policies, planning, response and recovery strategies
- Interactive Session with Prof (Dr.) Lamine Mahdjoubi on possibilities of Integrating BIM for Disaster Resilience_13th November 2018
- Interview of Prof. Lindsey McEwen Co-director of the Centre for Water, Communities and Resilience_14th November 2018
- Discussion Session with Municipal City Council Representative_15th November 2018
- Team UK visited SPA-Delhi, India between 22nd April 2019-19th April 2019. The following collaborative activities were organized;
- One-Day Workshop on '*Dialogue on Critical Infrastructure (CI) against Extreme Weather Events (EWEs) and Climate Change*' on 23rd April 2019
- '*Role of Design in Disaster Planning*' Presentation and discussion by Mrs. Poonam Deewan, Additional Commissioner, Landscape Department, Delhi Development Authority, New Delhi
- '*Rise of Extreme Weather Events and Challenges*' Presentation and discussion by Shri. Anand Kumar Sharma, DGM Agromet Advisory Service Division, India Metrological Department
- '*Rise of Extreme Weather Events and Challenges*' Presentation and discussion by Shri. Anand Kumar Sharma, DGM Agromet Advisory Service Division, India Metrological Department
- '*Corporate Risk*' Presentation and discussion by Mr. Mahendra Karakoti, Director – Security, Schneider Electric

16. Participation in Seminars, workshops, etc.:

Salman Khursheed

- Expert Lecture on Activities in Pre Construction Stages delivered at University Polytechnic, Jamia Millia Islamia, New Delhi on February 13th, 2019.
- One day workshop conducted on “Project Management in Urban Design” and organized by Department of Urban Design, School of Planning and Architecture, Bhopal on March 27th, 2019.

17. Departmental Advisory Committee:

Internal Members

Prof. Dr. Jaya Kumar
Prof. Dr. Anil Dewan
Prof. Dr. Mahavir
Prof. Dr. Virendra Kumar Paul
Mr. Salman Khursheed
Dr. Chaitali Basu
Mr. Abhijit Rastogi
Mr. Luke Judson (On Contract)
Ms. Aparna Ash Kanojia (On Contract)

Internal Members

Prof. Dr. K.C. Iyer
Mr. D.S. Sachdev
Dr. Vinay Mohan Das

18. Departmental Research Committee:

Internal Members

Prof. Dr. Jaya Kumar or
Prof. Dr. Anil Dewan
Prof. Dr. Virendra kumar Paul
Prof. Dr. Sewa Ram

External Members

Prof. Dr. Mahtab Alam
Prof. Neeraj Gupta

19. Any other information:

Photograph during the UK team visit to India



UGC-UKIERI Project Team

from left: Abhijit Rastogi, Niyati Gupta, Dr. Deepak Gopinath, Dr. V.K Paul, Dr. Anil Kashyap, Dr. Lindsey McEwen, Dr. PSN Rao, Dr. Nick Smith, Vaibhav Bawaniya, Dr. Chaitali Basu

Department of Environmental Planning

1. Name of the Department

Department of Environmental Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1990

4. Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Meenakshi Dhote	B. Arch M.L.A Ph.D.	Professor of Environmental Planning	Urban Biodiversity, Eco-Sensitive areas, Environmental Information system	33
Anuradha Chaturvedi*	B.Arch MA Conservation Studies, University of York, U.K.	Associate Professor and Head of the Department from 1 st July, 2018 to 31 st December, 2018	Heritage Management and Sustainable Development, Cultural Landscapes	33
Neha Goel Tripathi	B. Arch. M. Plan (EP) Ph.D.	Assistant Professor of Environmental Planning	Low carbon cities, Climate Change, Environmental Management	16

Note: *Details related to faculty are available in annual report of Department of Architectural Conservation.

5. Contract Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Jayeeta Sen	M. Plan (EP)	Contractual Faculty	Environmental Planning., Ecosystem Services	19

Bidisha Chattopadhyay	BA. Geo, MA Geo, M. Plan (EP), M Phil	Contractual Faculty	Environmental Planning , urban Water Supply	14
-----------------------	---------------------------------------	---------------------	---	----

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per week
Meenakshi Dhote	Subject Class		
	I Sem	Housing and Environment	1
	I Sem	First Semester Studio	3
	II Sem	EP Planning and Design Studio (Mahabaleshwar)	4
	III Sem	EP Planning and Design Studio (Bhopal)	6
	IV Sem	Environmental Planning Thesis	4
		Institutional Elective	2
	Ph. D. Guidance		
Neha Goel Tripathi	On Leave from 25 August 2017 – 25 June 2018		

7. Details of teaching work undertaken in other departments in the School:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per week
Meenakshi Dhote	I Sem	Housing and Environment	1
		Integrated First Semester Studio	3
	III Sem	Environmental Planning (Architectural Conservation Department)	2
	IV Sem	Institutional Elective	2
Jayeeta Sen	I Sem	Housing and Environment	1
	III Sem	Environmental Planning (Architectural Conservation Department)	2
Bidisha Chattopadhyay	I Sem	Housing and Environment	1
		Integrated First Semester Studio	6
	III Sem	EIA and SIA	2

8. Details of teaching work undertaken by the contract faculty:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per week
Jayeeta Sen	II Sem	EP Planning and Design Studio (Mahabaleshwar)	9
		Theory of Environmental Planning and Design	2

	III Sem	EP Planning and Design Studio (Bhopal)	6
		Ecosystem Services and Biodiversity Conservation	2
	IV Sem	Environmental Planning and Design Thesis	5
Bidisha Chattopadhyay	II Sem	Environmental Impact Assessment	2
	II Sem	EP Planning and Design Studio (Mahabaleshwar)	9
	IV Sem	Environmental Planning and Design Thesis	5

9. Details of teaching work undertaken by the visiting faculty and visiting professors:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per week
Sh. B. K. Jain Former Additional Commissioner Planning, DDA	III and V Sem	EP Planning and Design Thesis EP Planning and Design Studio	4
Prof. Dr. R B Singh	IV Sem	EP Planning and Design Thesis	2
Dr. T.R. Manoharan	III Sem	Environmental Economics and Environmental Auditing	2
Sh. Ishwer Singh	III Sem	Environmental Legislation	1
Sh. Sunil Mehra	III Sem	Planning Legislation	1
Sh Anand Kumar	III Sem	Degraded land management	2
Ms. Barsha Poricha	III Sem	Research Methodology	2
Ms. Rashmi Gupta	II Sem	Environmental Impact Assessment Environmental Monitoring and Assessment (Laboratory)	1
Sh. S.Khodanker	IV Sem	EP Planning and Design Studio	3
Sh. Dilip Kumar	II Sem	EP Planning and Design Studio (GIS)	2
Dr. Marisha Sharma	II Sem	Environmental Impact Assessment Environmental Monitoring and Assessment (Laboratory)	1
Sh. Paramdeep Singh Oberoi	II Sem	Formulation, Financing and management of Environmental projects	2
Dr. P.K.Behera Central Pollution Control Board, Parivesh Bhawan, Delhi	II Sem	Environmental Monitoring and Assessment (Theory)	2
Dr. Mahendra Sethi	II Sem	Elective -Resilient Cities	2

10. Details of the studio work undertaken by the students:

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
EP Design Studio: IIIrd Semester	<p>First Module: To collect secondary and primary data for pollution trends and assess the nature and extent of impacts at various scales</p> <p>Second Module To propose planning strategies for pollution Management, at various scales.</p>	<p>First Module: Study and Assessment of air, Water and Land pollution at various scales</p> <p>Second Module: Environmental management Plan for Sustainable city region: Case of Bhopa Region</p>	Environmental Management Plan for Bhopal Region, Madhya Pradesh with proposals and Policies ,Plan, for mitigation of air and water pollution and restoration of degraded lands at building, neighborhood , city and regional level.
EP Design Studio: IIInd Semester	<ul style="list-style-type: none"> • To study the methods for calculating Carrying Capacity • To conduct primary surveys and secondary data collection to assess carrying capacity • To formulate planning strategies and proposals to control development within the Carrying Capacity. 	The studio exercise focused on preparation of Environmental Improvement Plan for Mahableshtar, with focus on Carrying Capacity.	Environmental Improvement Plan for Mahableshtar 2038, based on assessment of Carrying Capacity of the Eco-Sensitive Area.

11. Details of the thesis work undertaken by the final semester students:

Roll No	Name	Thesis Topic
SPA/NS/EP/341	Anil Maan	Ecological Restoration of Land Degraded Dhe to Coal Mining in Sonapur Bazari, W.B.
SPA/NS/EP/342	Anisha Dey	Impact of Urban Growth on the Hills of Guwahati
SPA/NS/EP/343	Antara Beohar	Formulation of Guidelines for Fecal Sludge and Septage Management
SPA/NS/EP/344	Ashwini Rajiv More	Integration Ecosystem Services into Planning: Case Study of Nagpur
SPA/NS/EP/345	Avani Mulye	Integrated Urban Water Management Ujjain
SPA/NS/EP/346	Deskit Angmo	Strategies for Sustainable Tourism in Leh Town and Its Region
SPA/NS/EP/347	Devyani Agrawal	Zero Solid Waste Plan for Raipur City

SPA/NS/EP/348	Harsha Arya	Healthy City Approach to Address Air Pollution: Case Study of Kanpur
SPA/NS/EP/349	Karpe Akshata Arun	Integrated Watershed Management for Ambegaon Taluka, Pune District
SPA/NS/EP/350	Piyush Kumar	Water Resource Management Strategy: Case Study of Kalimpong (W.B.)
SPA/NS/EP/352	Shadab Saifi	Water Resource Management: Case Study Lucknow
SPA/NS/EP/353	Shikha Singh	Zero Liquid Discharge Strategies: A Case of Jamshedpur Urban Agglomeration
SPA/NS/EP/354	Subhadeep Karmakar	Environmental Management Strategies for Mirik Municipal Area
SPA/NS/EP/354	Titas Roy	Spatial Strategies for Eco Tourism with Focus on Carrying Capacity for Gangasagar Islan, Sundarbans

12. Details of the Ph.D. thesis topics:

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor
2008-2009	Ms. Rina Surana	Water Resources and Development of Human Settlements: The case of Udaipur, Rajasthan	Viva Voce held on 29 th December 2017 Completed Degree Awarded
2013-14	Ms. Mahalaxmi Karnad	Ecological Planning for Urban Stormwater Management	Prof. Dr. Meenakshi Dhote
2013-14	Ms. Piyali Bandhopadhyay	"Developing an Interface between Environmental Information System (ENVIS) and National Urban Information System (NUIS) for Climate Change and City Planning"	Prof. Dr. Mahavir Dr. Prabh Bedi Completed
2016-17	Ms. Jayeeta Sen	Instruments for mainstreaming Biodiversity into urban planning	Prof. Dr. Meenakshi Dhote
2017-18	Ms. Neha Sarwate	Institutionalize of Environmental Zoning	Prof. Dr. Meenakshi Dhote
2018-19	Mr. Akash Sharma	"Revival of Cultural Resources for Environmental Up gradation in Heritage Region – case of Brajbhoomi"	

13. Details of the research projects:

Name of Faculty	Name of the Project	Funding Agency
Prof. Dr. Meenakshi Dhote	Vision Document for Taj Trapezium Zone Agra	Government of Uttar Pradesh
	Toolkit for Urban Wetlands	National Mission for Clean Ganga
Prof. Dr. Meenakshi Dhote	SAFAR Emmission Campaign	Indian Institute of Tropical Meteorology, Pune

14. Publications:

Meenakshi Dhote

- Dhote, Meenakshi. (2018). Safar-High Resolution Emission Inventory of Mega City Delhi- 2018. *IITM, Ministry of Earth Sciences, Special Scientific Publication*.
- Karnad, M. and Dhote, Meenakshi. (2018). Sustainable urban Stormwater management: A case of Tumakuru Local Planning Area, Karnataka, India. *IJSR*, 8 (7).

Neha Goel Tripathi

- Bedi, P., and Tripathi, N. (2019). Smart Urban Green Spaces for Smart Chandigarh. In T. Vinod, (Ed.). *Smart Environment for Smart Cities. Advances in 21st Century Human Settlements*, (pp.111-148). Singapore: Springer.
- Tripathi, N. (2018). Proactive role of Judiciary for improving solid waste management in India. *Shelter*, 19(2), 40-47.
- Goel, M., and Tripathi, N. (2018). Strategies for Controlling Plastic Pollution in India- Policy paper. New Delhi: CCRI.
- Bedi, P., and Tripathi, N. (2018). Smart Tourism innovations for Smart Region, case of Jaipur Metropolitan Region. In *Smart Metropolitan Regional Development: Economic and Spatial Design Strategies* (1st ed., pp. 491-538).

15. Faculty serving in Committees, Editorial Boards, etc.

Prof. Dr. Meenakshi Dhote

- Member, Delhi Urban Heritage Foundation
- Member, Environmental Cell , NDMC
- Expert Member, Environment, DDA, Master Plan 2041.
- Co-Chair, Study Group for Review of Chapter on Environment of the Regional Plan-2021 for NCR.
- Member, Biodiversity Foundation, NCT Delhi.

- Member, Study group on Sustainable Development of Andaman & Nicobar Islands , 2015
- Member, State Environmental Assessment Committee, Govt. of NCT of Delhi, 2015 to 2018
- Member, NGT Committee on Carrying Capacity based Development of Shimla, Himachal Pradesh. 2015-2016
- Member, NGT Committee on Carrying Capacity assessment of Manali and Mcleodganj, Himachal Pradesh. 2018-2019
- Member, NGT Committee on assessment of Sushant Lok, Gurugram, haryana
- Member, Sub-Committee on Sustainable Habitat Parameters for Urban Planning under National Mission on Climate Change, TCPO, New Delhi.
- Member, Working Group II-B of UTTIPEC, DDA, I.P. Estate, New Delhi on retrofitting of existing corridors.
- Member, Study Group on Formulation of Guidelines for Buffer Areas around Solid Waste Disposal Sites, Central Pollution Control Board
- Expert Member on the BoS of Ph.D. Programme at SPA Vijaywada.
- Registered with the Council of Architecture, New Delhi
- Guest Faculty at Norwegian University of Science and Technology, Norway

Dr. Neha Goel Tripathi

- Member, Editorial Board of SPACE Journal
- Member, Working Group committee for Economic Standard of Smart Cities (IITD)
- Member, Integrated Educational Management Committee
- Associate Member, Institute of Town Planners, India,
- Member, Indian Building Council, New Delhi
- Registered with the Council of Architecture, New Delhi

16. Exhibitions, Seminars or workshops organized by the students and faculty of the department

Displayed Toolkit on Urban Biodiversity Conservation at World Environment Expo 5 to 7 June 2019.

17. Participation in Seminars, workshops, etc.

Prof. Dr. Meenakshi Dhote

- High Level Workshop on Tackling the Challenges of Urban Air Pollution linking Research and Policy for Air Quality Improvement, IIT Delhi and University of Birmingham, 6th March 2019
- Cleaning the Air – Combating Air Pollution; HUDCO and HSMI, 4th June 2019.

- National Conference on Urban Environmental Sustainability; presented paper on Urbanization and Environment, Delhi University and MGICCC, Govt. of NCT Delhi, 8th February 2019
- Conserving Wetlands in the Ganga Basin, Thematic Session 2 – Urban Wetlands; February 4; 2019, National Mission for Clean Ganga.
- “Role and Scope of Environmental Economics in Sustainable Development” for Indian Forest Service (IFS) officers, Lecture on "Urbanisation and Environment" on 7th May 2019, IIPA, New Delhi
- World Environment Conference 2019, Urban Biodiversity Conservation, 6th June 2019, Pragati Maidan, New Delhi

18. Departmental Advisory Committee

Internal Members

Prof. Dr. Meenakshi Dhote
 Prof. Dr. Mahavir
 Dr. Neha G. Tripathi

External Members

Shri Ajay Raghav
 Dr. Anjana Vyas
 Ms. Urmilla

19. Departmental Research Committee

Internal Members

Prof. Dr. Meenakshi Dhote
 Prof. Dr. Sewa Ram
 Ms. Anuradha Chaturvedi
 Dr. Neha Goel Tripathi

External Members

Prof. Dr. Shishir Raval
 Prof. Saswat Bandyopadhyay

20. Any other information

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).

This year the revised Memorandum of Co-operation was signed to initiate new activities:

CESVP- Community Driven Environmentally Sustainable Village Programme

GSDP- Green Skill Development Programme

GRIDSS- Grid Based Decision Support System

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.

Department of Housing

1. Name of the Department

Department of Housing

2. Year of Establishment

1958

3. Academic Programs Offered

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

4. Faculty Profile:

Name of the Faculty	Educational Qualifications	Professional Membership and Registration	Designation	Number of Years of Experience
P.S.N. Rao	A.I.I.A. (by Examination), B.E. (Civil), M. Planning (Housing) (Gold Medalist), Ph.D., Certificate in Urban Management (Canada), Certificate in Art Appreciation (National Museum), Advanced Cert. in Art Appreciation (NGMA).	AIIA, FITP, FIE Registered with CoA	Professor of Housing (Upto Feb, 2018, DIRECTOR from Feb.2018 to present)	32
Ruchita Gupta	B. Arch M. Planning (Housing) PhD	AITP	Assistant Professor	19
Harshita Deo	M. Planning B. Arch	AITP	Assistant Professor	10

5. Contract Faculty Profile:

Name of the Faculty	Educational Qualifications	Professional Membership and Registration	Designation	Number of Years of Experience
Rashi Gupta	M.Plan (Housing) Gold Medalist, B.Arch (Hons)	AITP	Assistant Professor on Contract	12

6. Details of Teaching Work Undertaken Within the Department

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
P.S.N. Rao	I	Planning Studio	3
	II	Housing Strategy (Studio)	3
	III	Real Estate and Housing Markets	2
	III	Housing Studio	3
	IV	Global Perspective on Housing	1
	IV	Housing Studio (Thesis)	6
		<i>Ph.D. Guidance :</i>	
	a)	Revisiting Jute Mills in Kolkata Metropolitan Region – Aparna Das	
	b)	Slum Redevelopment in Mumbai : a spatial justice approach – Anjali Sharma	
	c)	Land Titling Crisis in India – Brij Kumar Agarwal	
	d)	Optimal Height for Residential Buildings - Suparana Lahri	
Ruchita Gupta	I	Planning Studio	8
	II	Urban and Rural Housing Policy and Programmes (Theory)	2
	II	Housing Options and Strategy (Studio)	7
	III	Informal Housing, Slums and Poverty (Theory)	2
	III	Project Formulation and Design (Studio)	5
	IV	Housing Studio- Thesis (Studio)	7
	Physical Planning 3 Year	Housing (Theory)	1
Harshita Deo	I	Theory – Housing and Environment Planning	1
	I	Studio – Planning Studio	6
	II	Theory – Housing Standards, Design and Projects	2
	II	Studio – Housing Strategy	7
	III	Housing Studio – Project Formulation and Design	9
	IV	Housing Studio – Thesis	7

7. Details of Teaching Work Undertaken in Other Departments in the School.

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours
Ruchita Gupta	Fourth Year B. Arch Aug-Dec 2018	Guided two Dissertation Students	Wed 2-5 PM (3)

8. Details of Teaching Work Undertaken by Contract Faculty

Rashi Gupta	I	Housing	16
	II	Urban Land Management	32
	II	Housing Studio	112
	III	Housing Studio	96
	IV	Housing Studio - Thesis	112

9. Details of Teaching Work Undertaken by Visiting Faculty (VF), and Visiting Professors (VP)

Name of the Visiting Faculty(VF) and Visiting Professor(VP)	Semester	Subjects (Theory and Studios)	Hours
VF-Chitra S. Jain	II	Housing Studio	96
VF-J.B. Ghildiyal	II	Housing Studio- Survey Techniques &GIS	32
VF-Akshay Sen	II	Housing Finance and Project Formulation	20
VF-Rita Bhattacharya	II	Housing Finance and Project Formulation	12
VF-Sunit Anand	II	Material & Technology	24
VF-Vinod Sakle	III	Housing Studio - Housing Project Formulation	64
VF-Pushpanjali Jha	III	Inclusion and Community Participation	32
VF-Bipasha Kumar	III	Disaster and Settlements	32
VF-Dr. Amir Ali Khan	III	Disaster and Settlements	32
VF-J.B. Ghildiyal	III	Housing Studio	32
VF-J.B. Ghildiyal	III	Housing Studio	32
VF-Vinod Sakle	IV	Housing Studio - Thesis	160
VF-Neelima Risbud	IV	Housing Studio - Thesis	160
VF-Sanjeev Saxena	IV	Housing Legislation and Governance	32

10. Details of Studio Work Undertaken by the Students:

S. No.	Semester	Brief Description of Studio Assignments	City
1	3	Housing Project Formulation and Design – In this assignment, students have studied the housing market in the city of Hyderabad 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.	Hyderabad
2	2	Housing Strategy – In this assignment, students have studied the housing situation in Vijayawada. For this, they took the larger area of Vijayawada, Tenali, Guntur and Mangalgiri area so as to understand the entire region. They studied the various housing sub-systems, identified supply constraints, shortage, etc. and developed a strategy to address the housing problems of Vijayawada in the next ten years.	Vijayawada

11. Details of Thesis Work Undertaken by the Final Semester Students :

Roll No.	Name of the Student	Thesis Topic
HSG/578	Aakanksha Kakwani	Housing for Street Children in Delhi
HSG/579	Abhishek Arvind Rewatkar	Emerging Residential Real Estate Trends in Lonavala & it's Environs
HSG/580	Anand Bardhan Jha	Housing for Coal Mine Workers in Dhanbad, Jharkhand
HSG/581	Ananya Sinha	Housing for Bangladeshi Refugees in North 24 Parganas, West Bengal
HSG/582	Anjul Bhatt	Evaluation of Rural Housing Programmes in Uttarakhand
HSG/583	Ansari Farozan Ishtiyaque Ahd	Home-based Economic Activity: The Case of Powerloom in Bhiwandi, Maharashtra.
HSG/584	Aprajita Tewari	State Housing Programmes for Uttar Pradesh, Case Study of Lucknow
HSG/585	Ashutosh Agnihotri	Housing for Construction Workers in CNCR
HSG/586	Ayushi Kumari	Housing for Long-Term Patients and their Attendants, Delhi
HSG/587	Deepika Sharma	Private Residential Townships in Mohali, Punjab
HSG/588	Diksha Duevedi	Housing Market Study of Dwarka, Delhi
HSG/589	Gaurav Agrawal	Land Pooling for Housing in Raipur

HSG/590	Hima N U	Rebuilding Flood Affected Settlements in Alappuzha, Kerala
HSG/591	Jasmine Kaur	Unauthorized Land Colonization for Housing in Punjab
HSG/592	Matisha Vij	Housing for Displaced Kashmiri Pandits in Jammu and Delhi
HSG/593	Meena	Housing Options in Manesar Urban Complex
HSG/594	Poduval Dhanya Pravin Ambika	Approaches to Redevelopment of Urban Villages- Mumbai
HSG/595	Roshni MG	Housing Options for College Students in Chennai
HSG/596	Sahil Sharma	Real Estate Development on the Fringes of Jaipur
HSG/597	Shraddha Kar	Government Interventions for Slums in Cuttack
HSG/598	Sona Amirsardari Goudarzi	Housing for Elderly in Tehran, Iran
HSG/599	Thomas Krishna Pegu	Rehabilitation And Resettlement for Hydro-Project Affected Persons, Arunachal Pradesh
HSG/600	Utkarsh Shakya	Evaluation of PMAY in Madhya Pradesh
HSG/601	Vishwajeet Singh	Evaluation of Green Residential Projects & Rating Systems, Case of Delhi NCR

12. Details of Ph.D. Thesis Topics:

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor
2011	Ms. Aparna Das	Revisiting Jute Mills – Role of Land Policies and Local Economy of Kolkata	Prof. Dr. P.S.N. Rao
2016	Ms. Anjali Sharma	Comprehending Process of Housing and Slum Redevelopment in Delhi	Prof. Dr. P.S.N. Rao Prof Dr. Ashok Kumar
2017	Shri Brij Kumar Agarwal	Land Titling Crisis in India	Prof. Dr. P.S.N. Rao
2018	Ms. Suparana Lahri	Optimal Height for Residential Buildings	Prof. Dr. P.S.N. Rao

13. Details of Research Projects

- **P.S.N.Rao**

Decision Support Framework for Resilient Critical Infrastructure against Extreme Weather Events and Climate Change, UKIERI sponsored research, Department of Housing + Department of BEM, SPA New Delhi in collaboration with University of West England, Bristol, UK.

- **P.S.N.Rao and Ruchita Gupta**
The rise of private slum developers in Bangladesh and India: Heroes or villains? The project is in collaboration with Lancaster University, Centre for Science and Environment, SPA New Delhi and BRAC University Dhaka funded by British Academy under International Partnership and Mobility Scheme.
- **Ruchita Gupta**
Design Solutions for Low income Settlements, DIC, SPA, New Delhi.

14. Publications

--

15. Faculty Serving in Committees, Editorial Boards, etc.

P.S.N. Rao

- Chairman, Delhi Urban Art Commission, MoHUA, GoI
- Director (Independent), Ujjain Smart City Limited, Ujjain
- Chairman, Delhi Regional Chapter, ITPI
- Member, Delhi Pollution Control Committee
- Member, National Wetlands Committee, MoEFCC, GoI
- Member, Expert Appraisal Committee (Infra – 2), MoEFCC, GoI
- Member, Governing Council, India Habitat Centre, New Delhi
- Member, Technical Advisory Committee, GHTC, MoHUA, GoI
- Member, Review Committee of CSIR-FTT/FTC Projects (Civil Infrastructure and Engineering Theme), CSIR, GoI
- Member, Committee of Union Cabinet on Unauthorised Colonies, GoI
- Member, National Committee on Design, Confederation of Indian Industry (CII)
- Member, National Committee for Setting Up Museums & Memorials for Tribals who Played a Role in Freedom Struggle, Ministry of Culture, GoI
- Member, Committee for Display of Art Works in Rashtrapati Bhawan
- Member, Committee on Innovative Ideas for Tableaux in Republic Parade, Ministry of Defence, GoI
- Chairperson, Study Group on Shelter, NCR Planning Board, New Delhi
- Member, Study Group on Governance, NCR Planning Board, New Delhi
- Member, Departmental Committee, Centre for Human Rights, School of Social Sciences, University of Hyderabad.
- Member, Building and Works Committee, IIT Delhi
- Member, Building and Works Committee, RSkS, Delhi

- Chairman, Editorial Board, SPACE
- Member, Editorial Board, TEKTON

Harshita Deo

- Jury Member, Site Planning Exercise, Institute of Town Planners, India.
- Jury Member, External Examiner for Internship Portfolio of Fifth Year B.Arch. students at Anand College, Agra.

16. Exhibitions, Seminars or Workshops Organized by the Department

P.S.N.Rao, Ruchita Gupta and Harshita Deo

National Housing Conference 2019, on 31 May 2019 at SPA New Delhi.

17. Participation in Seminars, Workshops, etc.

P.S.N.Rao

- Attended a special session by Luis Bettencourt on “Meeting the Challenge of Urbanization in the 21st Century: Focus on India” in SPA New Delhi on 25 September 2018.
- Attended a Colloquium on Land Reforms for Urban Development: A case of Delhi Land Policy in ITPI Headquarters, New Delhi on 28 September 2018.
- Attended a National Workshop on “Mainstreaming Sustainable Social Housing in India Project (MaS-SHIP)” in IHC, New Delhi on 9 October 2018.
- Attended a 2nd Roundtable on Public Art Policy, Guidelines and Master Plan for Delhi by DUAC in IHC, New Delhi on 6 December 2018.
- Attended a Half day Workshop on IPR - Purpose, Process and Challenges organized, at SPA Delhi on the 11th of December, 2018.
- Attended a one day Conference on India Infrastructure Summit: 2019 at ITC Maurya New Delhi on 1 March 2019 and also participated in a panel discussion.
- Attended a two day Conference on “Global Housing Technology Challenge” (GHTC-India) held by the Ministry of Housing and Urban Affairs at Vigyan Bhawan, New Delhi on 2nd and 3rd March, 2019.
- Attended a workshop on “Dialogue on Participatory Local Area Planning” 26 June 2019.

Ruchita Gupta

- Presentation was made on “Impact of Unplanned residential areas on environment sustainability of Megacities of India: Case study Delhi.” in a three day Seminar/ Workshop on “Sustainable Urbanization, Environment and Spatial Planning Concerns” organised by Faculty Development Centre (UGC-HRDC) & Guru Ramdas School of Planning, held at Guru Nanak Dev University, Amritsar from December 17-19, 2018.
- Presentation was made on “Informal Housing in Delhi” in a Workshop on “Sustainable Livelihoods in Informal and Traditional Settlements” organised by Department of Architecture Conservation, with Department of Housing, SPA, New Delhi.
- Lecture was delivered on “A global perspective of Housing Policy: Historical overview and Lessons learnt” in an International Course on “Formal Solutions to Informal Settlements” organised by HSMI, New Delhi.
- Presentation was made on DIC project work on ‘Low Cost design solutions for low income settlements’ in SPA, New Delhi, July 2019.
- Attended a discussion on “Making Rural Housing Sustainable-A roundtable discussion” Organised by Development alternatives at DA World Headquarters, New Delhi July, 2018.
- Attended a talk on “Continuum of slums with varying policy needs and little upward mobility: a seven-year investigation in Bengaluru, Jaipur & Patna” by Anirudh Krishna at CRP, New Delhi July 2018
- Attended a dialogue on “Delhi Land Pooling- opportunities and challenges” Organised by RICS School of Built Environment, at IIC New Delhi on Thursday 9th August, 2018.
- Attended a special session by Luis Bettencourt on “Meeting the Challenge of Urbanization in the 21st Century: Focus on India” in SPA New Delhi on 25 September 2018.
- Attended a Colloquium on Land Reforms for Urban Development: A case of Delhi Land Policy in ITPI Headquarter, New Delhi on 28 September 2018.
- Attended a National Workshop on “Mainstreaming Sustainable Social Housing in India Project (MaS-SHIP)” in IHC, New Delhi on 9 October 2018.
- Attended a dialogue on “Construction Waste Management” organised by RICS School of Built Environment, at IIC New Delhi on Thursday 11th October, 2018.
- Attended a 2nd Roundtable on Public Art Policy, Guidelines and Master Plan for Delhi by DUAC in IHC, New Delhi on 6 December 2018.

- Attended a Half day Workshop on IPR - Purpose, Process and Challenges organized, at SPA Delhi on the 11th of December, 2018.
- Attended a one day Conference on India Infrastructure Summit:2019 at ITC Maurya New Delhi on 1 March 2019.
- Attended a two day Conference on “Global Housing Technology Challenge” (GHTC-India) held by the Ministry of Housing and Urban Affairs at Vigyan Bhawan, New Delhi on 2nd and 3rd March, 2019.
- Attended a workshop on “Dialogue on Participatory Local Area Planning” 26 June 2019.

Harshita Deo

- Attended a dialogue on “*Delhi Land Pooling-opportunities and challenges*” Organised by RICS School of Built Environment, at IIC New Delhi on 9 August 2018.
- Attended a Second Roundtable on Public Art Policy, Guidelines and Master Plan for Delhi by DUAC in IHC, New Delhi on 6 December 2018.
- Attended a Half day Workshop on IPR - Purpose, Process and Challenges organized, at SPA Delhi on the 11th of December, 2018.
- Attended workshop on Emerging Technologies for Affordable Housing: Opportunities and Challenges at Amity University, Noida on 17 December 2018.
- Attended Third Conference on Affordable Housing in India at The Lalit, New Delhi, on 19 – 20 Dec, 2018 organised by India Infrastructure.
- Attended a one day Conference on India Infrastructure Summit: 2019 at ITC Maurya New Delhi on 1 March 2019.
- Attended a two day Conference on “Global Housing Technology Challenge” (GHTC-India) held by the Ministry of Housing and Urban Affairs at Vigyan Bhawan, New Delhi on 2-3 March 2019.

18. Departmental Advisory Committee :

Internal Members:

- Prof. Dr. P.S.N.Rao
- Dr. Ruchita Gupta
- Ms. Harshita Deo

External Members:

- Prof. Subrato Chattopadhyay
- Dr. Rahul Bysack
- Ms. Manju Paul

19. Departmental Research Committee :

Internal Members:

1. Prof. Dr. P. S. N. Rao
2. Dr. Ruchita Gupta

External Members:

1. Dr. Kiran Wadhwa
2. Prof. Dr. Sejal Patel

20. Any other information

P.S.N.Rao

Architect for design of a memorial for Bharat Ratna Shri. Atal Bihari Vajpayee, Former Prime Minister of India. This was built near Raj Ghat, New Delhi by the CPWD, Government of India and dedicated to the nation on 25th December 2018 by the President, Vice President and Prime Minister of India.

Department of Industrial Design

1. Name of the Department

Department of Industrial Design

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1992

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks, if any
Parag Anand Meshram	B.E. (Electronics), Master of Design (Industrial Design)	Associate Professor and Head, Department of Industrial Design	Product Design	22	Honorary Hostel Warden From 2010 to March, 2019
			System Design		
			Social Design		
Aditi Singh	B.Arch., M.Arch (Industrial Design)	Assistant Professor	Product Design Sustainable System Design	15	Hostel Deputy Warden Since 2017
			Next-gen Experience Design		
			Social Innovation		
Krity Gera	B.Arch., M.Arch (Industrial Design)	Assistant Professor	Design for Sustainability	13	On leave Pursuing Ph.D. in Hong Kong
			Design and Social Innovation		
			Design and Craft		
			Lightening		

			Design		
			Social Design		

5. Contract Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks, if any
Sushil Ichhya Vijay	B.Arch., M.Arch (Industrial Design)	Assistant Professor (on Contract)	Product Design	10	
			Lightening Design		
			Social Design		

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Parag Anand Meshram	I	Design Project 1 (IDS107), Design History and Design Theory (IDL101)	11
	II	Institutional Elective (Design Thinking) (IDO212)	2
	III	Institutional Elective (Universal Design) (IDO309)	2
	IV	Thesis Project (IDS402)	11
Aditi Singh	I	Design Project 1 (IDS107)	10
	II	Computer Aided Industrial Design 1 (IDT204)	2
	III	Computer Aided Industrial Design 2 (IDT304), Elective (Branding & Marketing) (IDE310)	4
	IV	Thesis Project (IDS402), Design Degree Show (IDT403), IPR, PP&E (IDL401)	14

7. Details of teaching work undertaken in the School:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Parag Anand Meshram	Second	Institutional Elective (Design Thinking – IDO212)	2hrs.
	Third	Institutional Elective (Universal Design Thinking – IDO309)	

8. Details of teaching work undertaken by the contract faculty in the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Suchil Ichhya Vijay	I	Applied Arts and Crafts (IDE110), Communication and Presentation Techniques (IDT105), Studies in Form (IDS106)	6
	II	Design Project 2 (IDS206), Human Factors in Design (IDL201), Social Design (IDE208), Advanced Form Studies (IDS205)	15
	III	Design Project 3 (IDS305)	10
	IV	Design Degree Show (IDT403)	1

9. Details of teaching work undertaken by the visiting faculty and visiting professors in the Department:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Vijayraghvan Chariar	III	System Thinking and User Experience (IDL303)	2
Anisha Shekhar Mukherji	I	Research Methods and Critical Writing (IDL102)	2
	II	Design Research (IDL203)	2
Amit Gulati	II	Human Factors in Design (IDL201)	2
	III	Design Management (IDL301)	2
Naveen Vikas Rampal	II	Design Project 2 (IDS206)	10
	III	Design Project 3 (IDS305)	10
Rahul Tyagi	II	Design Project 2 (IDS206)	10
	III	Design Project 3 (IDS305)	10
Siddharth Kumar	I	Elective (Mechanics and Electronics in Industrial Design (IDE108)	2
	II	Elective (Design Engineering and Prototyping) (IDE211)	2
	III	Elective (Contemporary Technology in Design) (IDE308)	2
Dharmesh Jaiswal	I	Design Project 1 (IDS107)	8
	II	Computer Aided Industrial Design 1 (IDT204)	2
	III	Computer Aided Industrial Design 2 (IDT304)	2
	IV	Thesis Project (IDS402)	9
Arun Bharadwaj	I	Manufacturing Process & Techniques (IDL103)	2
	II	Advanced Manufacturing Techniques	2

		(IDL202)	
	III	Product Detailing (IDL302)	2
	IV	IPR, PP&E	1
Sidharth Kharti	I	Design Methods (IDL104)	2
Francis Joseph	I	Communication & Presentation Techniques (IDT105)	2
	II	Advanced Form Studies (IDS205)	2

10. Semester-wise details of the studio work undertaken by the students

Semester I: First Year Industrial Design

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP1(A)	Toy design using past memories	Amrit Tripathy	Multi Animal Playmate. A toy to make the kids feel as if they have their favourite animal as a pet
		Anwasha Mukherjee	Spidy's Snack Time: A game that helps children overcome the fear of spiders
		Arun. S	The Flipper : A fidget toy
		Barun Iswarary	War- Saw: An indian traditional toy inspired from the classical takes of Mahabharata
		Bhumika Rohilla	The Rambling Caterpillar: An automata caterpillar for children.
		C.Swathi Krishna	Woody: A foldable toy
		Chandan Kumar Nunia	Monster Run : A 3D dice game
		Dave Rahul Devendra	Owlbert Einstein : A toy owl with rotating head
		Harmeet Singh Bhalla	Space Oddity : Voice distortion toy
		Jijina Jayarajan	Crab Control:A playmate toy for pretend play
		Kaavya Shakunthala	Dip Trip: A challenging, two player game bowl with multiple leveled holes.
		Mohanapriya. S	Maroo- a marble board game
		Prateek Kumar Singh	Bubble Ball: A ball leaving a trail of bubbles.
		Sapatnekar Sushrut	PIPO : The piped toy that will "blow" your mind
		Shivangi Rajput	Sippie: A bottle sleeve designed to make feeding time fun for infants.
		Shyam Prasad E.V.	Fun launcher: a multiplayer game, just for fun
		Trivedi Chitvan	Tumblee: A two player competitive game to make goals through a tumbling fidget.
Upasana	BALAN-C: An ultimate balancing toy, that		

		Bhattacharjee	challenges your concentration.
		Urmi Das	The Biker: A traditional Indian toy.
		Vamsi Krishna	Equilibre: A multiplayer ball balancing game for any age group.
		Vertika Kapoor	Mr. Muscle Milk Mug: A mug designed to make drinking milk fun for kids.

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP1(B)	Redesign of a chosen appliance	Amrit Tripathy	KOHI - Electra Belle Epoque coffee machine designed with the principles of Muji.
		Anwasha Mukherjee	Elektra Orchestrion : Muji CD player redesigned as a part of the Eklektra belle epoque espresso machine family.
		Arun. S	The Tectahed : Alessi's orange peeler redesigned with design elements of Miele
		Barun Iswarary	Klhip desk lamp: Ikon lamp redesign with klhip philosophy
		Bhumika Rohilla	FORMOSO : A touch projector redesigned inspired from the attributes of Hot Bertaa Kettle by Philippe Starck
		C.Swathi Krishna	Boreas : Dyson Hair dryer redesigned with Sennheiser Oprheus design philosophy
		Chandan Kumar Nunia	Leica Fan cum Air purifier: Dyson Fan cum Air purifier redesigned with design principles of Leica.
		Dave Rahul Devendra	Le Ananas : MUJI air purifier redesigned with the principles of Alessi
		Harmeet Singh Bhalla	B&O Kettle: Alessi's Whistling Kettle redesigned by Bang & Ofulsen's design philosophy
		Jijina Jayarajan	DXN Orange Juicer: Hammacher Schlemmer's oranger juicer redesigned by DXN American faucet
		Kaavya Shakunthala	Beokhlip Nailcutter: Khlip Nailcutter, redesigned in parallels, using Beolab Design philosophy.
		Mohanapriya . S	Dyson kettle - kettle which is an amalgamation of Dyson air purifier and Philip starck hot bretta kettle
		Prateek Kumar Singh	Muji Coffee maker: Aviatore Veloce's coffee machine redesigned with the design ethics of MUJI.

		Sapatnekar Sushrut	Alessi 9103 Bubbling Faucet : Redesigning Vibrato Faucet as an extension to the Alessi Whistling Kettle range
		Shivangi Rajput	The Ghost: Devialet Gold Phantom speaker designed using principles of Axor Starck V faucet
		Shyam Prasad E.V.	Ikon Beleza:Bang and Olufsen beolab 90 redesigned for Ikon lamps
		Trivedi Chitvan	Aviatore Hydra : Faucet design inspired from jet engine for Super veloce
		Upasana Bhattacharjee	Alessi Orphessi: Redesign of the Sennheiser Orpheus with Alessi's design thinking.
		Urmi Das	Dyson Nutcracker: Alessi's Strongman nutcracker redesigned by Dyson.
		Vamsi Krishna	Obscura: It was a re-design of Leica Camera with the attributes of Devialet.
		Vertika Kapoor	Sony Brew: A dramatic coffee brewer by Ikone revisualised as a Sony product.

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP1(C)	Designing an object for a public park	Amrit Tripathy	Elevio : An interactive, playful seating for park
		Anwasha Mukherjee	Plan-tier: A planter that grows with the plants.
		Arun. S	Curli-Q: A Bird feeder for the garden areas at Humayun's Tomb.
		Barun Iswarary	Euphoria: A joyful outdoor game experience for children
		Bhumika Rohilla	OJHUS: A yoga chair facilitating the yoga-beginners to get hold of a few asanas.
		C.Swathi Krishna	Curli-Q: A Bird feeder for the garden areas at Humayun's Tomb.
		Chandan Kumar Nunia	Euphoria: A joyful outdoor game experience for children
		Dave Rahul Devendra	Elevio : An interactive, playful seating for park
		Harmeet Singh Bhalla	Perch: A dynamic park furniture
		Jijina Jayarajan	Furb:An interactive balancing furniture
		Kaavya	OJHUS: A yoga chair facilitating the yoga-

		Shakunthala	beginners to get hold of a few asanas.
		Mohanapriya . S	Furb:An interactive balancing furniture
		Prateek Kumar Singh	Perch: A dynamic park furniture
		Sapatnekar Sushrut	Elevio : An interactive, playful seating for park
		Shivangi Rajput	Plan-tier : A planter that grows with the plants.
		Shyam Prasad E.V.	Euphoria:A joyful outdoor game experience for children
		Trivedi Chitvan	Plan-tier: A planter that grows with the plants.
		Upasana Bhattacharjee	OJHUS: A yoga chair facilitating the yoga-beginners to get hold of a few asanas.
		Urmi Das	Furb:An interactive balancing furniture
		Vamsi Krishna	Curli-Q: A Bird feeder for the garden areas at Humayun's Tomb.
		Vertika Kapoor	Perch: A dynamic park furniture

Semester II : First Year Industrial Design

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP2(A)	Luminarie design	Amrit Tripathy	JULOOS BATTI - A kinetic, shape changing procession light which is portable.
		Anwasha Mukherjee	Chiisai : Clip on lighting unit for modular exhibit systems and trade shows.
		Arun. S	Dea(l)ight - Interactive office space Luminairie
		Barun Iswarary	Sea-glow: A mood light to enhance the bathing experience
		Bhumika Rohilla	Prêt-à-Porter : A display window panel light, to create mood of different seasons, and day/ evening look
		C.Swathi Krishna	Lucid LTL : Therapeutic light for SAD
		Chandan Kumar Nunia	Dandelion Light : A chandelier light for stairwell inspired by dandelion seed
		Dave Rahul Devendra	Tulite : A portable table lamp which can be used as a torch in emergency conditions
		Harmeet Singh Bhalla	Cibo: Programmeble light for restraint.
		Jijina	Aqueous: A Light art for five star hotel

		Jayarajan	lobby.
		Kaavya Shakunthala	Lavalume: A soothing, space- enhancing lamp that lits like a flowing molten lava .
		Mohanapriya . S	Crypto - a table top light for outdoor dining
		Prateek Kumar Singh	Twister: A way-finding lighting system for vehicular parking.
		Sapatnekar Sushrut	Lumen-Aide : Light Mate for Walking Stick to assist the Elderly
		Shivangi Rajput	Ripplite: decorative floating kinetic luminarie for waterbodies.
		Shyam Prasad E.V.	The leaf: lighting system for street vendors
		Trivedi Chitvan	O-lit : A task light designed for watch makers.
		Upasana Bhattacharjee	iDES!NN Artist's lamp: The perfect light solution for any artist's workspace.
		Urmi Das	Lighthike: A trekker's light.
		Vamsi Krishna	Lampyrid: Living Room ambient light.
		Vertika Kapoor	KONA: A lighting solution for displaying artworks.

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP2(B)	Redesign of a chosen appliance using metaphors	Amrit Tripathy	SUAVE- A mixer grinder which responds to its powerful performance and strong physical presence and simultaneously looks sophisticated and chic.
		Anwasha Mukherjee	Raanga: A gluegun inspired by the Kingfisher.
		Arun. S	Entomic Fan : Hand/Table held fan inspired from Beetle
		Barun Iswarary	Sharir fan heater: A winters companion who can keep you warm in harsh chilly days
		Bhumika Rohilla	Steamy Fe : An Iron redesign inspired from black swan.
		C.Swathi Krishna	Boreas : A portable vacuum cleaner for cars
		Chandan Kumar Nunia	CATA-P : A angle grinder inspired by caterpillar
		Dave Rahul Devendra	Krakon : Immersion Blender inspired by Squid
		Harmeet Singh Bhalla	Vessi: Gravity based water purifier inspired by the element of nature

		Jijina Jayarajan	Torq: A hand drill inspired by mosquito
		Kaavya Shakunthala	Rotick: An elegant, efficient roti maker that fits in any modern household.
		Mohanapriya . S	Bloom - a facial steamer inspired from smelling flower
		Prateek Kumar Singh	Owl: A UPS inspired by owl.
		Sapatnekar Sushrut	Lava : The fiery way of making bread toast inspired by Volcano
		Shivangi Rajput	Jellie: A handheld hair dryer inspired by jellyfish.
		Shyam Prasad E.V.	Panthera: a beard trimmer for men inspired form wild panther
		Trivedi Chitvan	Torto : An electric kettle redesigned with tortoise as an inspiration of form and expressions
		Upasana Bhattacharjee	PREZZO: A price labeller inspired from the form of a snail.
		Urmi Das	Shark Saw: A circular saw inspired from Shark.
		Vamsi Krishna	Music.B: F&D USB speaker redesign inspired by horn.
		Vertika Kapoor	The Wave Breaker: A hair straightener with a reworked grip for ease of usage.

Name of the Studio	Project Title/Description	Student Name	Case Study Description and Major Outcomes and Conclusions
DP2(C)	Redesigning an existing 'Jugaad'	Amrit Tripathy	Neer : Water dispenser & Charki : Hoist
		Anwasha Mukherjee	The Kul : Stand Alone eco cooler & The Sipayik : A device to ease up manual sweeping
		Arun. S	The Kul : Stand Alone eco cooler & The Sipayik : A device to ease up manual sweeping
		Barun Iswarary	Anara: the pomegranate deseeder & Vahak: Specially designed bicycle carrier for milkmen
		Bhumika Rohilla	The Kul : Stand Alone eco cooler & The Sipayik : A device to ease up manual sweeping
		C. Swathi Krishna	Neer : Water dispenser & Charki : Hoist

		Chandan Kumar Nunia	Anara: the pomegranate deseeder & Vahak: Specially designed bicycle carrier for milkmen
		Dave Rahul Devendra	The Kul : Stand Alone eco cooler & The Sipayik : A device to ease up manual sweeping
		Harmeet Singh Bhalla	Anara: the pomegranate deseeder & Vahak: Specially designed bicycle carrier for milkmen
		Jijina Jayarajan	Neer : Water dispenser & Charki : Hoist
		Kaavya Shakunthala	Anara: the pomegranate deseeder & Vahak: Specially designed bicycle carrier for milkmen
		Mohanapriya . S	The Kul : Stand Alone eco cooler & The Sipayik : A device to ease up manual sweeping
		Prateek Kumar Singh	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Sapatnekar Sushrut	Neer : Water dispenser & Charki : Hoist
		Shivangi Rajput	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Shyam Prasad E.V.	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Trivedi Chitvan	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Upasana Bhattacharjee	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Urmi Das	Neer : Water dispenser & Charki : Hoist
		Vamsi Krishna	WAYU Organica: Urban level wind purifier & Steampeesso: Stovetop pressure cooker espresso machine.
		Vertika Kapoor	Anara: The pomegranate deseeder & Vahak: Specially designed bicycle carrier for milkmen

Semester III : Second Year Industrial Design

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusion
DP3(A)	Interests and Aspirations	Aayushi Ramtekkar	Avadhi : A unique time piece designed using unconventional practice of lost wax technique of Dhokra artisans from Chhattisgarh
		Aditi Sit	E-Wrap: Re- inventing the packaging scenario of E- commerce by in cooperating a re-usable, wrap able bag that can expand to various shapes and sizes of the product.
		Ankita Bhati	MUKHAMCHA - Respiratory Protective Device for the safety of construction site workers which are acceptable, affordable and requires low maintenance.
		Ashim Chakrabarty	Djemassist: A djembe learning device that is portable and assists playing djembe strokes by light and sound recognition.
		Divya Singh	Eva: A realtime projection device to guide and rectify your cooking process. A step by step system to guide the user by easing and facilitating the cooking process at every stage.
		Himanshi	Fighting against Fake News: A system which helps in fighting against fake news, through medium of social media, focused on awareness, responsibility and fear.
		Himanshu Yogi	Tidy: An intelligent wardrobe: A wardrobe that assist us in selection and helps in well organization of clothes.
		Krishnanunni Karayil	Pyro: A Self contained breathing communication apparatus mask for firefighters in an immediately dangerous to life or health atmosphere (IDLH)
		Moirangthem Jupiter	The papyrus: Redefining the value of newspaper.
		Nibir Das	Beebo - Beebo is an AI enabled companion device that would contribute positively to ones happiness through various senses and personal conversations.

		Seema Mehra	SqueeShy (Interactive Planter) - A product to establish emotional connect with, for the elderly, by amalgamating a plant and a personified voice assistant
		Shiva Ghosh	Jolly kids furniture: A playschool furniture (age group 2yrs - 4yrs) which create opportunities to encourage psychological, behavioral, physical hence cognitive development.
		Shubham Vaidya	Rakshan: Rakshan is personal sheltering jacket, specifically designed for the homeless people to protect them from the harsh weather conditions of winter.
		Sundram	Sokoli - a street light to empower the vanishing traditional art of Jharkhand. A street light, inspired by the traditional art of jharkhand, which helps to empower the sohrai and khovar art of the state by bringing its essence to the cityscape

Name of the Studio	Project Title and Description	Student Name	Case Study Description and Major Outcomes and Conclusion
	Elements of Nature and their relevance and impact on design	Aayushi Ramtekkar	<p>Group: Fire</p> <p>Tixrin: A low cost modular screening solution for thermal and lighting comfort.</p> <p>Life saber: A safety device for better visibility on roads during smog.</p> <p>Frescix: A storage system for delivering hot and cold food together.</p> <p>Fru: A toy set for kids as a smokeless alternative to polluting firecrackers.</p>
		Aditi Sit	<p>Group: Air</p> <p>Salvis- A refrigerator which conserves escaping heat generated from within and uses it for heating water.</p> <p>Inviro360- A compact fan for spaces with low ceiling height in order to reduce/ eliminate any mishappening.</p> <p>Smoklear- A system mounted on top of vehicles which will reduce suspended pollutants from the atmosphere and act as a medium for filtration as well as reusing the residue from the filters.</p>

		Ankita Bhati	<p>Group: Space</p> <p>Gravamill - Workout equipment using Electromagnets.</p> <p>Space Pit-Strategy Board game.</p> <p>Void musica - Creating sound by using different durations of pauses in sequence or rhythm to create music.</p> <p>Pigeon-Post - Postal(fax) system for kids (age 4 -8 years) inspired by wormholes and teleportation.</p>
		Ashim Chakrabarty	<p>Group: Earth</p> <p>Terra: A lifestyle accessory which is derived from the phenomenon of the earth like magnetic field and rotation.</p> <p>Milestone: A game to make learning geography more interesting and playful for students.</p> <p>Embrace: A multi-use accessory for young generation, which gives the feasibility to use same accessory on different occasion.</p> <p>Loombot: An easy navigation and rescue system for the life buried in debris during natural disaster.</p>
		Divya Singh	<p>Group: Space</p> <p>Gravamill - Workout equipment using Electromagnets.</p> <p>Space Pit-Strategy Board game.</p> <p>Void musica - Creating sound by using different durations of pauses in sequence or rhythm to create music.</p> <p>Pigeon-Post - Postal(fax) system for kids (age 4 -8 years) inspired by wormholes and teleportation.</p>

		Himanshi	<p>Group: WATER Chiao - An urban landscape installation which incorporates a water-feeding system for birds and a vertical gardening system. Desi AC - A lifestyle product which is an energy efficient and sustainable alternative to the regular AC. Thook-It - A portable product that removes the hassle of public-spitting. ReRo - A product that reuses waste water from RO water purifiers for dish-washing. Saviour - A safety-kit for people in flood-prone areas, containing an inflatable boat and some emergency products required for survival.</p>
		Himanshu Yogi	<p>Group: Earth Terra: A lifestyle accessory which is derived from the phenomenon of the earth like magnetic field and rotation. Milestone: A game to make learning geography more interesting and playful for students. Embrace: A multi use accessory for young generation, which gives the feasibility to use same accessory on different occasions. Lombot: An easy navigation and rescue system for the life buried in debris during natural disaster.</p>
		Krishnanunni Karayil	<p>Group: Fire Tixrin: A low cost modular screening solution for thermal and lighting comfort. Life saber: A safety device for better visibility on roads during smog. Frescix: A storage system for delivering hot and cold food together. Fru: A toy set for kids as a smokeless alternative to polluting firecrackers.</p>

		Moirangthem Jupiter	<p>Group: Space</p> <p>Gravamill - Workout equipment using Electromagnets.</p> <p>Space Pit-Strategy Board game.</p> <p>Void musica - Creating sound by using different durations of pauses in sequence or rhythm to create music.</p> <p>Pigeon-Post - Postal (fax) system for kids (age 4 -8 years) inspired by wormholes and teleportation.</p>
		Nibir Das	<p>Group: Fire</p> <p>Tixrin: A low cost modular screening solution for thermal and lighting comfort.</p> <p>Life saber: A safety device for better visibility on roads during smog.</p> <p>Frescix: A storage system for delivering hot and cold food together.</p> <p>Fru: A toy set for kids as a smokeless alternative to polluting firecrackers.</p>
		Seema Mehra	<p>Group: WATER</p> <p>Chiao - An urban landscape installation which incorporates a water-feeding system for birds and a vertical gardening system.</p> <p>Desi AC - A lifestyle product which is an energy efficient and sustainable alternative to the regular AC.</p> <p>Thook-It - A portable product that removes the hassle of public-spitting.</p> <p>ReRo - A product that reuses waste water from RO water purifiers for dish-washing.</p> <p>Saviour - A safety-kit for people in flood-prone areas, containing an inflatable boat and some emergency products required for survival.</p>
		Shiva Ghosh	<p>Group: Air</p> <p>Salvis- A refrigerator which conserves escaping heat generated from within and uses it for heating water.</p> <p>Inviro360- A compact fan for spaces with low ceiling height in order to reduce/eliminate any mishappening.</p> <p>Smoklear- A system mounted on top of vehicles which will reduce suspended pollutants from the atmosphere and act as a medium for filtration as well as reusing the residue from the filters.</p>

		Shubham Vaidya	<p>Group: WATER</p> <p>Chiao - An urban landscape installation which incorporates a water-feeding system for birds and a vertical gardening system.</p> <p>Desi AC - A lifestyle product which is an energy efficient and sustainable alternative to the regular AC.</p> <p>Thook-It - A portable product that removes the hassle of public-spitting.</p> <p>ReRo - A product that reuses waste water from RO water purifiers for dish-washing.</p> <p>Saviour - A safety-kit for people in flood-prone areas, containing a inflatable boat and some emergency products required for survival.</p>
		Sundram	<p>Group: WATER</p> <p>Chiao - An urban landscape installation which incorporates a water-feeding system for birds and a vertical gardening system.</p> <p>Desi AC - A lifestyle product which is an energy efficient and sustainable alternative to the regular AC.</p> <p>Thook-It - A portable product that removes the hassle of public-spitting.</p> <p>ReRo - A product that reuses waste water from RO water purifiers for dish-washing.</p> <p>Saviour - A safety-kit for people in flood-prone areas, containing a inflatable boat and some emergency products required for survival.</p>
		Surbhi Lahoti	<p>Group: Earth</p> <p>Terra: A lifestyle accessory which is derived from the phenomenon of the earth like magnetic field and rotation.</p> <p>Milestone: A game to make learning geography more interesting and playful for students.</p> <p>Embrace: A multi use accessory for young generation, which gives the feasibility to use same accessory on different occasion</p> <p>Loombot: An easy navigation and rescue system for the life buried in debris during natural disaster.</p>

		Tiyas Tanu Mandal	<p>Group: Air</p> <p>Salvis- A refrigerator which conserves escaping heat generated from within and uses it for heating water.</p> <p>Inviro360- A compact fan for spaces with low ceiling height in order to reduce/ eliminate any mishappening.</p> <p>Smoklear- A system mounted on top of vehicles which will reduce suspended pollutants from the atmosphere and act as a medium for filtration as well as reusing the residue from the filters.</p>
--	--	-------------------	---

11. Details of the thesis work undertaken by the final year students:

S. No.	Roll No.	Name of the Student	Thesis Topic	Name of the Thesis Guide
1.	ID/305	Aayushi Ramtekkar	<p>Kriya</p> <p><u>Design Description</u></p> <p>Kriya is a learning and skill development kit for pre-primary and primary school children, aged 3 to 6 years, to practice pre writing strokes</p>	
2.	ID/306	Aditi Sit	<p>Can Care Pals</p> <p><u>Design Description</u></p> <p>Cancer Care aid to comfort and encourage children fighting cancer aged 5-10 years. Using a story telling technique with relatable characters, the product helps the child to cooperate with the procedure.</p>	

3.	ID/308	Ankita Bhati	<p>Stress Busters</p> <p><u>Design Description</u> Calming gadget and well-being device for school students aged 13-17 years to relieve stress and anxiety.</p> <p><u>Project 1</u> AMICA provides a platform to express thoughts and feelings by writing or talking to sort through problems.</p> <p><u>Project 2</u> ElturToo is friendly pet gadget for children to engage with, as it helps distract them. The product demands a conscious and physical interaction and, in the process, activates pressure points on the hand to relieve stress (based on the technique of Jin Shin Jyutsu).</p>
4.	ID/309	Ashim Chakrabarty	<p>Cura-Bot (Automated fish feeding and health monitoring for fisheries):</p> <p><u>Design Description</u> Cura Bot is an automated bot which encourages fish swimming and improves their health for human consumption in the fishery industry.</p>
5.	ID/311	Divya Singh	<p>Ogroot</p> <p><u>Design Description</u> Ogroot is a complete system which can fulfil daily vegetable requirements of an urban family.</p>
6.	ID/312	Himanshi	<p>SteamWash+</p> <p><u>Design Description</u> It is a product which improves the efficiency of hand dishwashing in Indian domestic context taking steam as an intermediate medium.</p>
7.	ID/313	Himanshu Yogi	<p>Exploring Lac: A naturally produced resin</p> <p><u>Design Description</u></p>

			The project is about exploring properties of lac and designing with lac to expand its application potential in main-stream industries.
8.	ID/314	Krishnanunni Karayil	KAWACH <u>Design Description</u> Enhancing safety in Roadster bicycle 'Kawach' - as the name suggests is a roadster bicycle which aims at reducing road accidents in urban areas.
9.	ID/316	Moirangthem Jupiter	Bamboo+ <u>Design Description</u> Creating an inventory of modular joinery details with bamboo to redefine its usage in mainstream consumer scenario.
10.	ID/317	Nibir Das	Mezi Tower: Strategy game inspired by traditions of Assam <u>Design Description</u> Mezi Tower is a two player strategy game inspired from Assamese traditions for ages 4 and up.
11.	ID/320	Seema Mehra	TRAVEL-TANTRA - Revitalizing the Experience of Uttarakhand Tourism (Tourism Experience Products) <u>Design Description</u> Travel-Tantra is a range of products developed to establish the brand identity for Uttarakhand Tourism, by knitting together its culture, traditions and local craftsmanship.
12.	ID/321	Shiva Ghosh	Calculus teaching tool <u>Design Description</u> A teaching tool for class 11th and 12th which is used by the teachers to help students understand the utilitarian and visual aspect of calculus for a better

			understanding.	
13.	ID/322	Shubham Vaidya	<p>Eliqua</p> <p><u>Design Description</u> Eliqua is a smart water purifier which creates a real time analysis of the water quality and assigns the most appropriate filtration method required to provide healthy water to the consumer.</p>	
14.	ID/323	Sundram	<p>NEERA - Handpump for efficiency and better water quality.</p> <p><u>Design Description</u> Neera is a hand pump for electricity scared areas that incorporates a mechanism which reduces manual efforts and a filtration system to improve the water quality for daily usage.</p>	
15.	ID/324	Surbhi Lahoti	<p>Sampurna</p> <p><u>Design Description</u> Single appliance meal maker It is a compact cooking solution for young professionals, preparing a single bowl Indian meal.</p>	
16.	ID/325	Tiyas Tanu Mandal	<p>Gaffer</p> <p><u>Design Description:</u> Gaffer is a football training assistive device for amateur football clubs and its players, which will enable them to practice on their own and give feedback and suggestions on the training sessions.</p>	Prof. Parag Anand Meshram, Prof. Aditi Singh, Dharmesh Jaiswal

12. Details of Ph.D. thesis topics:

Nil

13. Details of the research projects:

Collaborative Projects with Design Innovation Center Delhi

University, Delhi.

14. Publications:

Design Premiere 2019 - Exhibition curated by Prof. Aditi Singh was published Major Dailys viz. Indian Express, Dainik Bhaskar etc and magazines viz. Pool

15. Faculty serving on Committees and Editorial Boards, etc.

Parag Anand

- Design Boot Camp DDIBC 2019 Member of Organizing Committee and Mentors.
- Organized and conducted Design Thinking Workshop for Participated from Delhi University and Science Centre at Delhi University.
- Nav Vipanani NITI Workshop IIT BHU, Varanasi Feb, 2019
- SPA & IIT Delhi M.Des. students one day combined Workshop on “Design Ideation. 28 July 2019 at IIT Delhi.
- Conducted Workshop DDIBC - Delhi Design Innovation Boot Camp 2018 at Delhi University (8 September 2018 - 9 September 2018).
- Conducted Workshop DDIBC - Delhi Design Innovation Boot Camp 2018 at SPA, New Delhi (22 September 2018 - 23 September 2018).
- Jury Member at IIT Delhi (7–8 October 2018)
Jury Member at Delhi University (31 October 2018)

Aditi Singh

- Design Boot Camp DDIBC 2019 Member of Organizing Committee and Mentors.
- Organized and conducted Design Thinking Workshop for Participated from Delhi University and Science Centre at Delhi University.
- Nav Vipanani NITI Workshop IIT BHU, Varanasi Feb, 2019
- SPA & IIT Delhi M.Des. Students one day combined Workshop on “Design Ideation.” 28th July, 2019 at IIT Delhi.
- Conducted Workshop DDIBC - Delhi Design Innovation Boot Camp 2018 at Delhi University (8th September, 2018 - 9th September, 2018).
- Conducted Workshop DDIBC - Delhi Design Innovation Boot Camp 2018 at SPA, New Delhi (22nd September, 2018 - 23rd September, 2018).
- Jury Member at IIT Delhi (7th – 8th October, 2018)
- Jury Member at Delhi University (31st October, 2018)
Moderator: Moderator for Manthan at All India DIC Meet

16. Exhibitions, Seminars or workshops organized by the Department:

- Aditi Singh – Conceptualized, Coordinated and managed Design Degree Show – Design Premiere 2019 at India Habitat Centre, New Delhi 21-24 May 2019. The exhibition was widely covered in national media viz. Indian Express, Dainik Bhaskar etc and magazines viz. Pool.
- Aditi Singh – Organized a Lecture at IIT Delhi by Prof. Dr. Soumitri Vardarajan (Dean Industrial Design Program, RMIT University, Melbourne, Australia) (10 October 2018)
- Aditi Singh and Parag Anand - “Industry 5.0” Design Talk by Design Premiere 2019 by Aditi Singh, Parag Anand, Rahul Tyagi and other participation
- Aditi Singh and Parag Anand - “Design Talk on “Human and Design” by Vipul Maheswari
- Aditi Singh and Parag Anand - Children’s Workshop at All India DIC Meet Conducted
- Parag Anand – Mentored, Design Degree Show – Design Premiere 2019 at India Habitat Centre, New Delhi 21-24 May 2019

17. Participation in Seminars or workshops, etc.:

Parag Anand Meshram

- Attended Conference of UX Now 2019 16 – 17 February 2019.
- Design and the City of Future Design Conference at Italian Embassy Delhi Participation

Aditi Singh

- Attended Conference of UX Now 2019 16 – 17 February 2019.
- Design and the City of Future Design Conference at Italian Embassy Delhi Participation
- Attended the National Innovation Day Lady Irwin College, New Delhi.

Sushil Ichhya Vijay

- Participate in “Design Thinking Workshop” at Amity University, Sector – 125, Noida. (6 March 2019)

18. Departmental Advisory Committee:

Internal Members

Parag Anand Meshram
Dean (Academic)
Aditi Singh
Krity Gera

External Members

Prof. Dr. B.K. Chakravarthy

Mr. Anuj Prasad

Mr. Amit Sharma

19. Internal and external members of the Departmental Research Committee:

Not applicable as there are no research scholars admitted yet.

20. Any other information:

Faculty involved in consultancy project: Patents Filled: Myco Kit by Geetika Garg, Aditi Singh and Parag Anand.

Department of Landscape Architecture

1. Name of the Department

Department of Landscape Architecture

2. Names of academic programs offered by the Department

- Master of Landscape Architecture
- Ph.D.

3. Year of establishment of the Department

1972

4. Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remark, if any
Meenakshi Dhote *	Ph.D. M.L. Arch. B. Arch.	Professor and head In-Charge (From 1/7/2018 – 31/12/2018)	Urban Biodiversity, Eco-Sensitive Area, Environmental Information	33	Head In-Charge
Anuradha Chaturvedi *	M.A. Conservation Studies, University of York , UK B.Arch.,	Associate Professor and Head In-Charge (from 1/1/2019 – 30/6/19)	Heritage Management and Sustainable Development, Cultural Landscapes	33	Head In-Charge
Aarti Grover	Ph.D. M.L. Arch B. Arch	Assistant Professor	Landscape Architecture	17	-

*Details related to faculty members are available in annual reports of Department of Environmental Planning and Department of Architectural Conservation respectively.

5. Contract Faculty Profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remark, if any
Ms. Amrita Kaur Slatch	B. Arch Master in Landscape Design, CEPT University	Assistant Professor (Contract) (from 23.07.18 to 21.06.19)	Landscape Architecture	3	Contract
Vidya Rajbhoj Pimprale	B.Arch Master in Landscape Design, CEPT University	Assistant Professor (Contract) (from 23.07.18 to 28.12.18)	Landscape Architecture	13	Contract

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week	
Aarti Grover	July – Nov, 2018	Sem - I	LA-5, Landscape Architecture Studio-I	14
		Sem - III	LA – 11, Dissertation	1
	DE – 2, Department Elective		1	
	Jan – May, 2019	Sem - II	LA- 8, Planting Design, Management & Landscape Economics	2
			LA-9, Landscape Architecture Studio-II	2
		Sem - IV	LA-15, Landscape Architecture Studio-IV	12

7. Details of teaching work undertaken in other departments of the School:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Aarti Grover	I	Resource Person in Integrated Semester of M. Planning on Landscape and Open Space Principles on 25.8.2018	2
Amrita Kaur Slatch (Contract)	IV	Theory lecture on Landscape Planning and Design for 2nd year IV semester B.Plan	3

8. Details of teaching work undertaken by the contract faculty:

Name of the Faculty		Semester	Subjects (Theory and Studios)	Hours per Week
Amrita Kaur Slatch	July – Nov, 2018	Sem – I	LA-4, Landscape Engineering-I	2
			LA-5, Landscape Architecture Studio-I	8
	Jan – May, 2019	Sem - II	LA-9, Landscape Architecture Studio-II	12
			DE – 1, Department Elective	2
Vidya Rajbhoj Pimprale	July – Nov, 2018	Sem – I	LA-4, Landscape Engineering-I	2
		Sem - III	LA – 11, Dissertation	1
			LA-13, Landscape Architecture Studio-III	12
			DE – 2, Department Elective	1

9. Details of teaching work undertaken by the visiting faculty and visiting professors:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Dr. Monika Koul	I	LA-1, Soils	1
Dr. A.M. Bhola	I	LA-1, Geology	1
Dr. Gauhar Mahmood	I	LA-2, Hydrology and Geomorphology	2
Dr. Sushma Moitra	I	LA-3, Plant Taxonomy and Plant Physiology	1
Dr. Monika Koul	I	LA-3, Ecology	1
Ms. Nandini Rewari	I	LA-5, Landscape Architecture Studio-I	9
Sh. Nikhil Dhar	I	LA-5, Landscape Architecture Studio-I	6
Ms. Poonam Saini	I	LA-5, Landscape Architecture Studio-I	6
Sh. Nikhil Dhar	III	LA-10, Landscape Engineering-II	2
Ms. Nandita Parikh	III	LA-12, Urban and regional Landscapes	2
Ms. Jasleen Kaur	III	LA-13, Landscape Architecture Studio-III	3
Sh. Minesh Parikh	III	LA-13, Landscape Architecture Studio-III	3
Ms. Savita Punde	III	LA-13, Landscape Architecture Studio-III	6
Sh. Suresh Purandare	III	LA-13, Landscape Architecture Studio-III	6

Ms. Nandita Parikh	III	ID-2, Institutional Elective	2
Sh. P.S. Uttarwar	II	LA-6, Remote Sensing & GIS based Land Information System	2
Ms. Nandita Parikh	II	LA-7, Theory of Landscape Architecture-1	2
Sh. Nikhil Dhar	II	LA-9, Landscape Architecture Studio-II	8
Ms. Poonam Saini	II	LA-9, Landscape Architecture Studio-II	9
Sh. Minesh Parikh	II	LA-9, Landscape Architecture Studio-II	5
Sh. Suresh Purandare	II	LA-9, Landscape Architecture Studio-II	6
Ms. Nandita Parikh	II	IE-1, Institutional Elective	2
Sh. Minesh Parikh	IV	LA-14, Landscape Project Management and Professional Practice	2
Sh. Ameet babbar	IV	LA-15, Landscape Architecture Studio-IV	9
Sh. Krishan C. Singal	IV	LA-15, Landscape Architecture Studio-IV	6
Ms. Nandini Rewari	IV	LA-15, Landscape Architecture Studio-IV	9
Sh. Pankaj Jain	IV	LA-15, Landscape Architecture Studio-IV	6
Sh. Suneet Mohindru	IV	LA-15, Landscape Architecture Studio-IV	3
Ms. Savita Punde	IV	LA-15, Landscape Architecture Studio-IV	9

10. Details of the studio work undertaken by the students:

Name of the Studio	Precise Objectives of the Studio	Case Study Description	Major Conclusions and Outcomes
Semester – 1 <ul style="list-style-type: none"> • Book Review • Documenting the Urban Landscapes of Delhi • Children's 	<p>To inculcate the habit of reading and interpreting it into visuals.</p> <p>To understand and express the distinctive qualities of urban landscape using appropriate tools to document and methods to analyze.</p> <p>To learn the skill of design by</p>	<p>Book-1 Design with Nature, Ian Mc Harg Book-2 An Introduction to Landscape Architecture, Michael Laurie</p> <p>Nehru Place, Central Vista, Qutub Minar, Nehru Park, Sunder Nursery, Red Fort & Jama Masjid, Garden of 5 senses etc</p> <p>Astha Kunj is a 200</p>	<p>The students exercised their minds and came up with creative ways to demonstrate their understanding of the texts.</p> <p>Field study for understanding the existing site condition where carried out and various methods of illustration were employed.</p> <p>Creative design ideas</p>

<p>Park at Astha Kunj</p>	<p>To learn the skill of design by understanding scale and modulating earth to create stimulating landforms.</p>	<p>Astha Kunj is a 200 acre park in South East Delhi, near Lotus Temple, ISKON Temple and Nehru Place.</p>	<p>Creative design ideas where showcased by the students that indicated their sensitivity in making the park exciting and safe at the same time.</p>
<p>Semester - 2 1. Urban Open Space System_A case of Najafgarh Drain 2. Exploring the Cultural and Heritage Landscape of Mehrauli</p>	<p>To carry out an assessment of a selected stretch of the Najafgarh drain and its environs, keeping in view the issues pertinent so as to design an environmentally sensitive landscape.</p> <p>To identify and document the historically and culturally significant sites across the settlement of Mehrauli. To understand the role they play and their effectiveness in getting the people of Mehrauli and New Delhi engaged. How landscape as a tool can be used to enhance the quality of the historical precincts and in turn the quality of life of the residents.</p>	<p>Delhi's waterscape heritage is unique as it has a continual natural water system but because of non-sustainable way of looking at the natural resources it's in a degraded state. There is a huge potential at rejuvenating the waterways and integrating them with the urban fabric as potential urban open space systems.</p> <p>Mehrauli is one of the seven ancient cities that make up the present state of Delhi. Today, Mehrauli is one of the hundred Urban Villages within the city of Delhi. The settlement is a culturally rich and diverse area consisting of several historic structures dating from the Rajput to Mughal to Colonial periods. These include mosques, the shrine of Qutub Sahib,</p>	<p>The students showcased the ability to foresee a masterplan vision for a Kilometer stretch along the drain, given the complexity of dealing with various landuses and the water channel.</p> <p>A deep understanding of heritage and culture was established and students learnt the importance of thoughtfulness when designing landscape for such rich spaces.</p>

		Tombs, Temples and Baolis. Near the Mehrauli Village settlement, in an area now designated as the Mehrauli Archaeological Park, which consists of various monuments scattered over an area of 100 acre of greens.	
<p>Semester - 3</p> <p>1. Landscape Intervention/ Placemaking for Transportation and Interchange Systems/Complexes</p> <p>2. Landscape Planning for Lake Conservation _A case of Damdama Lake</p>	<p>The exercise is aimed at introducing the students to understand the complexity of place making with respect to landscape around Transit Oriented Development creating complex urban issues.</p> <p>The exercise is aimed at introducing the</p>	<p>Four corridors have been identified and notified for preparation of Pilot Influence Zone Plan by DDA in first phase. One of them being- Corridor3 - Dwarka Mor to Dwarka Sector 21 This stretch becomes critical as Dwarka Sector 21 is the terminating point for the Blue and the Airport line. Although it's a planned development, the metro line and the TOD norms have been imposed onto it. Due to the imposition the existing networks are not at all as per the TOD standards, so there is a need to reorganize and re-strategize the existing ROW and develop them to be socially and environmentally inclusive in Nature.</p>	<p>Lot of guidelines and policies were relooked at specific to this area, and students came up with environmentally sensitive policies at the masterplan level which got implemented at individual design level.</p> <p>This exercise introduced the students to understanding the</p>

	<p>students to lentic ecosystems that exist in the hinterland of Delhi. It is critical to understand the morphology and dynamics of still water bodies and to identify its regional watershed area with avifaunal/aquatic habitats for carrying forward ecological management practice. The idea is to also explore the potential of lake edges as means of recreation.</p>	<p>from Sector-11 & Sector-21 → 5km</p> <p>Damdama Lake is located nearby Sohana town in Gurgaon district, Haryana. Situated in the foothills of Aravalli, the hills play an important role in controlling local climatic conditions. It is considered to have great potential as the pride lake of Haryana as it is the prime harbour for uncommon winter migratory birds like Open Bill stork and Eurasian Spoonbill. It is suggested to be a nodal point in between Sultanpur National Park, Badhkal Lake, Bindawas and Keoladeo National Park as an “ecotourism rectangle”.</p>	<p>complexities of designing ecologically sensitive landscape. Watershed region was identified and ecological strategies were identified so as to mitigate the water quantity and quality issue.</p>
--	---	---	--

11. Details of the thesis work undertaken by the final semester students:

Roll No.	Name of the Student	Thesis Topic
LA/594	Susan Aby	Landscape of Old Railway Terminus Ernakulam
LA / 600	Aafreen Fathima K A	Developing Urban Lake as an Active Public Space: Case of Ulsoor lake Bangalore
LA / 601	Aakanksha Mehta	Site planning and Landscape development for Scindia Kanya Vidyalaya
LA / 602	Abdul Jabar T S	Site Planning and Landscape development for IIIT Una, HP
LA / 603	Aditya Nigam	Site Planning and Landscape Development For Uttarakhand Vidhan Sabha Complex,

		Gairsain
LA / 604	Amrita Poudel	Bagmati Riverfront: An Urban and cultural revival along the bagmati river in kathmandu Valley
LA / 605	Bala Nagendran M.	Integrated R.Cooum eco-restoration project
LA / 606	Dhurve Utkarsha Pramod	Sacred Landscape and Tourism: Tourism Development at Shri Mahalaxmi Jagdamba Temple, Koradi, Nagpur
LA / 607	Ishita Manna	Jalabhoomi bagan- conservation park at East Kolkata Wetland
LA / 608	Joshi Sanyukta Sanjeev	Re-imagining Urban Wetlands, Wetland Park at Khandeshwar
LA / 609	Karishma Rai	Site Planning and Landscape Development of AIIMS Campus, Guntur, Andhra Pradesh
LA / 610	Kattoju Preethi Vinutna	Landscape Revival of a Religious Setting- A case of Simhachalam
LA / 611	Lohita Gupta	Rethinking Prison Landscapes as Landscape of Hope
LA / 612	Mayukh Raha	Comprehensive Landscape Development of IIIT Campus, Kota
LA / 613	Naveena Mariam Jacob	Theerapatham- Re-establishing the Travancore Blue corridor. Landscape development along Parvathy Puthanar
LA / 614	Neha Kumari	Landscape Design and Site Planning of Forestry College and Research Institute Munger, Bihar
LA / 615	Nihareeka Bhatti	Swarna Jayanti Park Rohini, An Indian City Garden
LA / 616	Poonam Upadhyay	Proposed Memorial of Sant kabir at Maghar under Heritage circuit
LA / 618	Rakesh Parmar	Raktsmriti-Memories of Martyrdom in Landscape: A Case of Birsa Memorial Park, ranchi, Jharkhand
LA / 619	Reshma C.	Landscape Redevelopment of Perungudi Dumpyard
LA / 620	Richa Varshney	Landscape Development of Central Armed Police Forces Institute of Medical Science, Maidan Garhi, Delhi
LA / 621	Shivangini Singh	Landscape Enabling Transformation of Lives: Case of SoS Children's Village, Bhimtal, Uttarakhand
LA / 622	Sneha M Saviour	Site Planning & Landscape Design of IIT Palakkad

LA / 623	Sukriti Sood	Site Planning & Landscape Development for Hemi Bhabha Cancer Hospital and Research Center, Mohali Punjab
----------	--------------	--

12. Details of Ph.D. thesis topics:

None

13. Details of research projects:

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area and Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)	Remarks
C-Hexagon India Gate & Rajpath Lawns (Ongoing)	Prof. Dr. Mandeep Singh	Landscape Development Scheme	10 Lakhs	Institutional Consultancy
IIT Kanpur Student Plaza at IIT-Kanpur (Ongoing)	Prof. Dr. Manoj Mathur	Landscape Development Scheme	10 Lakhs	Institutional Consultancy
Landscape Development of the Presidential Estate, N. Delhi (On-going)	Dr. Aarti Grover	Landscape Development of the Presidential Estate	-	Nominated by Director SPA

14. Publications:

Dr. Aarti Grover

- Grover, A. (2019). Designing Convivial Urban Public Spaces. Official Monthly Magazine of the Council of Architecture, Time, Space & People in July 2019
- Grover, A. (2019). Evolution, Relevance and Design of Urban Public Spaces in India. *Refereed Journal of IIA*, 84 (5-6).
- Grover, A. (2019, September 2-3). Evaluating the appropriateness of Contemporary Urban Spaces for Gender Sensitivity: within the context of Social Sustainability Conference. *First National Conference on Sustainability in built Environment*, Hyderabad, Telangana: Aurora Groups of Architecture Colleges.

Papers Presented

- Grover, A. (2017, July 17). Role of Landscape Architecture in Zoo Design. Paper presented as Resource Person at two-day Middle Level Officials Training Programme on 17.7.19
- Grover, A. (2019, March 29-30). Urban Landscapes: Public Perception. Paper presented at 7th International conference on Technology, Innovation and Management for Sustainable Development (TIMS -7).
- Grover, A. (2019, February 19). Understanding Lake Ecosystems: Case of Damdama Lake. Lecture as Resource person in Advanced Training on Urban Lake Management, organized by CSE on 19.2.19
- Grover, A. (2018, August 27). Landscape and Open Space Principles
- Lecture as resource person in Integrated Semester of M. Planning on 27.8.18
- Grover, A. (2018, August 25). Considerations for planting in Landscape Areas. Lecture as resource person in GSDP Course on City Environment Surveyor on 25.8.18

15. Faculty serving in Committees, Editorial Boards, etc.

Dr. Aarti Grover

- Expert Member for National GEM Council ASSOCHAM, India
- Member of Expert Group of Zoo Designing in Central Zoological Authority
- Member of Zoo Advisory Committee of National Zoological Park
- Member of Building Committee, University of Delhi
- Member of Board of Studies, Sharda University
- Member of the Jury Panel for National Landscape Architecture Scholarship Programme-2018
- Appointed as Examiner for Evaluation of NATA 2019 Booklets
- Member of Faculty Recruitment Committee in Dayalbagh Educational Institute, (Deemed University), Dayalbagh University Agra
- Member of Faculty Recruitment Committee in Bhagwan Mahavir College of Architecture, Sonapat Haryana
- Member of Faculty Recruitment Committee in School of Architecture & Planning Sharda University, Greater Noida
- Member of Faculty Recruitment Committee in DIT-Faculty of Architecture Dehradun Institute of Technology (DIT-University).

16. Exhibitions, Seminars or workshops organized by the Department:

Associate Professor Anuradha Chaturvedi & Dr. Aarti Grover

- Organized Special Lectures for the Department of Landscape Architecture by Dr. Baldev Lamba on 6th March, 2019 on 'Engendering an Ecological Approach to the Teaching & Practice of Landscape Architecture in collaboration in the ISOLA

17. Participation in seminars, workshops, etc.:

Dr. Aarti Grover

- Middle Level Officials Training Programme in Bhubaneswar by Central Zoo Authority on Role of Landscape Architecture in Zoo Design on 17.7.19
- Roundtable of Architects on “How to develop ASSOCHAM GEM Program as a tool to meet the Challenges of Sustainable Construction? on 2.7.19
- First National Conference on Sustainability in built Environment, organized by Aurora Groups of Architecture Colleges, Hyderabad, Telangana On 2-3.9.2018
- International Conference on Building Energy Efficiency Transformation event with Bureau of Energy Efficiency (BEE), Ministry of Power and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) on 11-13.12.18
- India First Leadership Talk Series (Webinar organized by MHRD’s Innovation Cell) by Shri Anand Mahindra, on 8.1.19
- Training on “Urban Lake Management” , Organized by CSE, with inputs from the Department of Landscape Architecture at Anil Agarwal Environmental Training Institute, Alwar Rajasthan from 19-22.2.19
- 7th International conference on “Technology, Innovation and Management for Sustainable Development” (TIMS -7) University campus, Gwalior, M.P on 29-30.3.19
- All India DIC Meet 2019 at Dr. Ambedkar International Centre on 11-12.4.19
- National Housing Conference 2019 organized by Deptt. of Housing SPA-N. Delhi on 31.5.19

18. Departmental Advisory Committee:

Internal Members

Ms. Anuradha Chaturvedi
Dr. Mahavir,
Dr. Aarti Grover

External Members

Mr. Satish Khana
Mr. Aniket Bhagwat
Dr. Meenakshi Jain

19. Departmental Research Committee:

Internal Members

Prof. Dr. Meenakshi Dhote
Prof. Dr. Mahavir
Prof. Dr. Sewa Ram
Prof. Dr. Priyaleen Singh
Dr. Aarti Grover
Ms. Anuradha Chaturvedi

External Members

Dr. Abhijit Natu

Dr. Rajiv Khanna

20. Any other information:

Nil

Department of Regional Planning

1. Name of the Department

Department of Regional Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1958

4. Faculty profile :

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience
Prof. (Dr.) N. Sridharan*	Ph.D. (RMIT-Melbourne, Australia), M.U.R.P, P.G. Diploma in Town and Country Planning (Poland), P.G. Diploma in Financial Management, M.A. (Economics), AITP	Professor	Urban and Regional Planning, Rural Development, Urban Governance, Peri-Urban Development & Corridor Development	35
Prof. Dr. Vinita Yadav	M.A. (Geography), Master's in Planning (U.P), Ph.D. (JNU), M.B.A. (Financial Management), FITP	Professor and Head of the Department	Governance, Poverty and Development, Institutional Analysis, Participatory and Inclusive Development, Resilient Planning	19

Mrs. Chetna Singh	M.A. (Geography) (JNU), M. Plan, (R.P), AITP	Assistant Professor	Regional development, Public Policies in Planning, Peri-Urban Development, Rural Development	7.5
--------------------------	--	---------------------	--	-----

5. Contract Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience
Ms. Ruby Kajal	Bachelor in Architecture, M. Plan, (R.P), AITP	Assistant Professor (on contract)	Land market and management, Resettlement and Rehabilitation, Rural Development	3.5

* on lien as Director, SPA, Bhopal # Prof. R. Biswas took charge as HoD on 17 June 2019

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Vinita Yadav	III	Studio	8
	III	Institutional Analysis and Governance	2
	II	Studio	8
	II	Planning for Regions	2
Mrs. Chetna Singh	III	Studio	8
	III	Environment and Development	2
	II	District Planning and Rural Development	2
	II	Regional Infrastructure**	1
	II	Studio	7
	IV	Thesis (2)	6
Ms. Ruby Kajal (on Contract)	III	Studio	4
	III	Resettlement & Rehabilitation (Departmental Elective)	2
	III	Resettlement & Rehabilitation (Institute Elective)	2
	III	Spatial Data Infrastructure	2
	II	Studio	9
	II	Land Markets and Management	2
	II	Climate Change and its impact	2
	IV	Thesis	3

** taught 12 hours in the semester

7. Details of teaching work undertaken in the other departments in the School:

Name of the Faculty	Subjects (Theory and Studio)	Hours per Week
Mrs. Chetna Singh	Studio - First Integrated Semester	6
Mrs. Chetna Singh	Planning for Conservation**, First Semester, Department of Architectural Conservation	0.5
Ms. Ruby Kajal (on Contract)	Studio - First Integrated Semester	6

*** taught 8 hours in the semester

8. (a) Details of teaching work undertaken by the visiting faculty (VF)/Visiting Professors (VP) Contract Faculty (CF)

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Dr. Akshay Sen	III	Project Planning	2
Mr. Rajeev Malhotra	II	Regional Infrastructure***	2
	IV	Thesis	9
Mr. Sanjeev Saxena	III	Legal Issues in Planning and Professional Practice	2
Mr. Sunil Kumar Mehra	III	Legal Issues in Planning and Professional Practice	.5
Mr. Kishore Kumar Joadder	IV	Thesis	9
Dr. Pawan Deshpande	IV	Thesis	9
Ms. Varsha Singh	IV	Thesis	6
Mr. Amit Bhargava	IV	Thesis	3

**** taught 20 hours in the semester

9. Details of the studio work undertaken by the students :

Semester/Year	Project Title/Topic	Description
Second Semester, January-May 2019	Block and Village Development Plan, Sanis Block, Wokha District	The purpose of studio exercise is to prepare a sub-regional plan of Sanis block of Wokha district in Nagaland State. The emphasis of studio is to prepare a block development plan especially for a block situated in the hilly terrain of the eastern Himalayan

		ranges. The focus is enhancement of sustainable and inclusive economic, social and physical development of Sanis Block to formulate the strategy to make the block economically and socially sustainable. The key questions addressed were how a region, block in this case, situated in the inaccessible hilly areas be economically sustainable unit in future; develop its own identity and become an asset for its surrounding areas and what kind of governance system and grievance redressal mechanism should be in place to develop such a region?
Third Semester, July-November 2018	Bhopal City Region Plan	The third semester studio of preparing Bhopal City Region Plan focuses on understanding the complexities of an ecologically sensitive region, identifying the issues, formulating strategies, project identification and implementation plan so as to suggest strategies to conserve the open and green spaces. The studio exercise aims to prepare a Smart and Sustainable city region plan so as to make the students understand the nuances of plan preparation, especially the scale and type of resources required for Regional Development.

10. Details of the thesis work undertaken by the final Semester Students:

Roll No.	Name of the Student	Thesis Topic
SPA/NS/RP/1331	Aadil Farhan A	Role of Ports in Regional Development: A Case Study of Cochin Port
SPA/NS/RP/1332	Abhay Krishna Tiwari	Planning Imperatives for Mining Region – A Case Study of Alwar District, Rajasthan
SPA/NS/RP/1333	Akanksha Singh	Public Participation in Development of Buddhist Tourism Circuit – A Case Study of Bihar
SPA/NS/RP/1334	Aman Singh Rajput	Assessing the Impact of Network Accessibility on Development of Peri-urban Region, Case Study of Indore City Region
SPA/NS/RP/1335	Hitesh Chaudhary	Role of Tourism in Development of Kangra District

SPA/NS/RP/1336	Jyoti Ahlawat	Planning for Food Secure Region: Case of Haryana Sub-Region, Jhajjar District
SPA/NS/RP/1337	Jyoti Sharma	Planning for A Sustainable Economic Region- A Case of Hapur District
SPA/NS/RP/1338	Kamakshi Thapa	Regional Approach for Watershed Management: Case Study of Ashwini, Nauti, Giri Watersheds, Shimla District
SPA/NS/RP/1339	Manohar Kumar Gupta	Flood Resilient Planning in Northern Region of Bihar- A Case Study of Mahishi Block, Saharsa District
SPA/NS/RP/1340	Manthapuri Sadhana	Economic Revitalisation of Cultural Region – A Case Study of Telangana State
SPA/NS/RP/1341	Mehak Chhabra	Impact of Industrial Development on Faridabad District
SPA/NS/RP/1342	Naina Chohan	Spatio Economic Impact of Highway Corridors – A Case Study of Jaipur-Dausa-Bharatpur(NH-21)
SPA/NS/RP/1343	Pooja Garg	Integrated Watershed Development Programme as an Instrument for Regional Development – A Case Study of Mahendragarh District, Haryana
SPA/NS/RP/1344	Toshi Yadav	E-governance Model for Spatial Planning: Case of Pune Metropolitan Region
SPA/NS/RP/1345	Vishal S Jadhav	Strategies for Backward Area Development – A Case Study of Nandurbar District, Maharashtra

11. Details of Ph.D. Thesis Topics

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor
2016-17	Shashi Mehta (SPA/NS/PH.D/166/2016-17)	Resource Management in Aravali Region	Prof. Dr. Vinita Yadav
2018-19	Mr. Meet Fatewar (SPA/NS/PH.D/189/2018-2019)	Subaltern Urbanisation in Uttar Pradesh: A Spatio Economic Analysis	Prof. Dr. Vinita Yadav
2018-19	Ms. Priya Bhardwaj (SPA/NS/PH.D/190/2018-2019)	Disaster Led Outmigration: A Case of Uttarakhand	Prof. Dr. Vinita Yadav

12. Details of Research Projects

13. Publications

14. Faculty serving in Committees, Editorial Boards:

Prof. Dr. Vinita Yadav

- Expert Member, Study Group-12: Rural Development Review of the Regional Plan 2021, National Capital Region Planning Board, New Delhi

15. Exhibitions, Seminars or workshops organized by the Department:

- Department of Regional Planning organized a seminar titled “Planning and the Post-2015 World” by Prof. Glen David Kuecker and Mr. Kris Hartley on 6 February 2019.

16. Participation in Seminars or workshops etc:

a. Publication

Vinita Yadav

Book

- Yadav, V. & M. Fatewar (2019). *Model Village: Perspectives for Rural Development*. Ghazibad: Copal Publishing.

Chapter in Book

- Yadav, V. (2019). Quality of Life: Dimensions and Measurement. In Brij Raj Kumar Sinha (Ed.) *Multidimensional Approach to Quality of Life Issues: A Spatial Analysis* (pp.397). Springer.

Article in Journal/ Newspaper

- Yadav, V. and Ahlawat, J. (2019), Development and Environmental Conflicts - Case of Solid Waste Management in Gurugram. *Shelter*, 20(1), 58 – 67.
- Yadav, V. and Chhabra, M. (2019). Strategies for Smart City Implementation. *Position It*, 37-39.
- Yadav, V. (2018), Governance and Regional Development in India. *Spatio-Economic Development Record*, 25 (5/6), 66-70.
- Yadav, V. (2018). Responses on Closing Down of SDR. *Spatio-Economic Development Record*, 25, (5/6), 65.
- Yadav, V., Singh, A. & Manthapuri, S. (2018). Role of Solid Waste Landfill Site in Solid Waste Management at Regional Scale. *Special*

Issue of National Co-operative Housing Federation of India (NCHF) Bulletin, September-October, 19-21.

- Yadav, V. and Hegde, S. (2018). We need 'Smart Regions' not just cities with facelifts: Solution Need to Fix Issues Beyond Urban Boundaries, *Times of India*, 2 August 2018.
- Yadav, V. and Hegde, S. (2018). 'Components of a Smart Region and their application to Pune Metropolitan Region', *Spatio-economic Development Record (SDR)*, 25(3/4), 33-39.

Book Review

- Yadav, V. and Yadav, T. (2018). [Review of the book *Climate Change and Urban Settlements: A Spatial Perspective of Carbon Footprint and Beyond* by Mahendra Sethi]. *Nagarlok*, XLX(1), 86-89.
- Manthapuri, S. and V. Yadav (2018), [Review of the book *Climate Change and Urban Settlements: A Spatial Perspective of Carbon Footprint and Beyond* by Mahendra Sethi]. *Spatio - Economic Development Record*, 25 (1/2), 24-25.

Student's Publication

- Ahlawat, J. (2018). Strategies for Solid Waste and Sewage Remediation - A Case of Najafgarh Drain and its Precinct In S.M. Akhtar (Ed.), *Environmental remediation and rejuvenation: Principles, processes and practices*. Delhi: Wells Worth Books.
- Ahlawat, J. (2018). Revitalizing Urban Historic Dimension for Community Development In V. K. Bugga (Ed.), *Urban Dimensions: Challenges and Prospects*. New Delhi: MBS, School of Planning and Architecture.
- Sharma, J. (2018). Architecture and its Social Dimensions' In V. K. Bugga (Ed.), *Urban Dimensions: Challenges and Prospects*. New Delhi: MBS, School of Planning and Architecture.

b. Presentation of Papers

Prof. Dr. Vinita Yadav

- Paper titled 'Geo Spatial Approach for Creating Smart Regions: Inclusive Development' in *Geo Business 2019* at Business Centre, London on 22 May 2019.
- Paper titled 'Planning beyond Boundaries for Creating Smart Regions' presented in the India Infrastructure Summit panel 'A synthesis on knowledge-based economy and innovation networks in India's regional development in an increasingly globalised world' at New Delhi on 11 January 2019.
- Paper titled 'Development Discourse for an Inundated Space: Case of a Disaster Affected Region' presented in ORF-GIZ conference titled 'Regional Planning in India' to be held at ITO, New Delhi on 15

November 2018. The conference was part of and funded by the “Land Use Planning and Management (LUPM)” project of GIZ.

- Paper titled ‘Contextualisation of Smart in an Eco Sensitive Region of Dehradun’ in Joint Capacity Building workshop in “Future Cities: Present Scenario and Challenge” presented on 35th Founders Day Celebration of Mussoorie Dehradun Development Authority (MDDA) at Dehradun on 29 October 2018.

Mrs. Chetna Singh

- Presented paper titled “Governing Metropolitan Regions for Better delivery and Planning in Peri-Urban Areas- A case study of Chennai Metropolitan Area” in ARCS 3.0 third annual research on Cities Summit conference at Xavier University, Bhubaneswar on 24 January 2019.

c. Chairperson/Member of Panels

Prof. Dr. Vinita Yadav

- Panelist in the panel ‘Empowering the New Bharat’ “Panellist” at the India Infrastructure Summit: 2019 edition.
- Appointment as Nodal officer for conducting SIA’s/SIMP for land acquisition purposes by HSIIDC for Government of Haryana.

d. Participation Only

Prof. Dr. Vinita Yadav

- National Conference of Housing organized by Department of Housing at SPA, New Delhi on 31 May 2019.
- Fifth Platinum Jubilee Lecture: The Ephemeral and Empirical; Timeless Architecture and urbanism by Architect Akit Pai, officer on Special Duty, Niti Aayog at Kamala Devi Complex of India International center on 14 May 2019.
- IHD conference titled ‘Growth and Regional Development in India: Recent Experiences and Emerging Perspectives’ with support from NITI Aayog, Fifteenth Commission and the Indian Council of Social Science Research (ICSSR) in India International Centre, New Delhi on 13 May 2019.
- Interactive session with Map My India at NCR, SPA, New Delhi on 8 May 2019.
- All India Design Innovation Centre (DIC) Meet at Dr. Ambedkar centre, New Delhi on 11-12 April 2019.
- Special Lecture on ‘Flood Memory’ Flood Narrations, Local Knowledge and Community Resilience by Prof Lindsey McEwen in Auditorium, Architecture block at S.P.A, New Delhi on 24 April 2019.
- Dialogue on ‘ Critical Infrastructure (CI) against Extreme Wealth Events (EWE) and Climate change jointly organized by SPA, New Delhi and

University of the West of England (UWE) Bristol UK in UGC UKIERI research grant for a study titled 'District support framework for Resilient Critical Infrastructure (CI) against Extreme Weather Events & Climate Change on 23 April 2019.

- Special Lecture titled 'Engendering on Ecological Approval to the Teaching and Practice of Landscape Architecture, by Professor Baldev Lamba, Associate Professor Temple University at New Committee Room of Planning Building on 6 March 2019.
- Special lecture titled "Geospatial information system applications" delivered by Prof. John Horn, ITC, The Netherlands at New Committee Room, SPA, New Delhi on 8 February 2019.
- Live session titled "Pariksha pe Charcha 2.0 by Hon'ble Prime Minister" at New Committee Room, SPA, New Delhi on 29 January 2019.
- "India First- Leadership Talk Series" (Webinar Organized by MHRD Innovation Cell) by Shri Anand Mahindra, Chairman, Mahindra Group at New Committee Room, SPA, New Delhi on 8 January 2019.
- Prof. Dr Dong Wei and Dr. Sijie Ren of SouthEast University, Nanjing to interact and discuss possibilities of Collaborative Research and students exchange between SPA and Nanjing University on 11 December 2018. Workshop on IPR-Purpose, Process on 11 December 2018.
- EU- India Partnership for cultural Heritage Conservation, National Museum Auditorium, Janpath, New Delhi, 4-5 December 2018
- Workshop 'Water Audits and their role in municipal water management by William Dr. orea, 3 December 2018
- XXVIII Gender Economic Policy Discussion Forum on "Unpacking the Gendered Implications of Ayushman Bharat" jointly organized by Institute of Social Studies Trust in association with Heinrich Ball Stiftung Foundation at IHC, New Delhi, 29 November 2018
- Training programme on "Site Master Planning of Industrial Areas" at Hotel The Lalit, New Delhi from 14 to 16 November, 2018
- 'Role of Cities in Addressing Climate Change' jointly organized by WWF and ICLEI held at WWF-India Secretariat, New Delhi on 12 November 2018.
- IGIS software demonstration by Krishan Kant, Scanpoint Geomatics Ltd. at CASS lab, SPA, New Delhi on 11 October 2018.
- 44th Poverty Discourse on Overcoming Impact from Health Shocks: Current Initiatives and Options organized by Chetanya Kasyap Foundation at Hailey Road, New Delhi on 28 September 2018.
- Workshop on SWAYAM Sensitisation and SPA Research Projects Sharing Meet, a half-day workshop held in the New Committee room, SPA New Delhi on 3 October 2018.
- Special session titled 'Meeting the Challenge of Urbanisation in the 21st Century: Focus on India' by Luis Bettencourt in the New Committee room, SPA, New Delhi on 25 September 2018.
- Interaction and demonstration session for WaterGEMS and SewerGEMS attended at CASS, SPA, New Delhi on 12 September 2018.
- Confidential workshop of National Testing Agency at Noida from 3 to 7 September 2018.

- Study Group-XII - 'Rural Development' meeting organized by NCR Planning Board on 28 August 2018, New Delhi.

Mrs. Chetna Singh

- National Conference of Housing organized by Department of Housing at SPA, New Delhi on 31 May 2019.
- Workshop titled 'Waste and Plastic Reduction and Management' at Institute of Town Planners India on 23 May 2019.
- IHD conference titled 'Growth and Regional Development in India: Recent Experiences and Emerging Perspectives' with support from NITI Aayog, Fifteenth Commission and the Indian Council of Social Science Research (ICSSR) in India International Centre, New Delhi on 13 May 2019.
- Interactive session with MapMyIndia held on 8 May 2019 at NCR, SPA-New Delhi.
- 'All India DIC Meet 2019' held in Ambedkar Bhavan, New Delhi on 11 April 2019.
- 46 Poverty Discourse on 'Food Technology, Nutrition and Sustainability in India' organized by Chetanya Kashyap Foundation at Hailey Road, New Delhi on 28 December 2018.
- ORF-GIZ conference titled 'Regional Planning in India' held at ITO, New Delhi on 15 November 2018.
- 'India First Leadership Talk Series' (Webinar Organized by MHRD's Innovation Cell) by Shri Anand Mahindra, Chairman, Mahindra Group in New Committee Room, SPA New Delhi, on 8 January 2019.
- Half day Workshop on IPR - Purpose, Process and Challenges organized by SPA New Delhi on 11 December 2018.
- Swayam Sensitisation Workshop and Research Project Sharing Meet held in the New Committee room, SPA Delhi on the 3 October 2018.

Ms. Ruby Kajal

- National Conference of Housing organized by Department of Housing at SPA, New Delhi on 31 May 2019.
- Workshop titled 'Waste and Plastic Reduction and Management' at Institute of Town Planners India on 23 May 2019.
- Interactive session with MapMyIndia at New Committee Room, SPA, New Delhi on 8 May 2019.
- Annual meet titled 'All India DIC Meet 2019' organized by Design Innovation Centre, School of Planning and Architecture, New Delhi at Dr. Ambedkar International Centre, New Delhi on 11-12 April 2019.
- Special lecture titled 'Engendering on Ecological Approach to the teaching and practice of Landscape Architecture' by Prof. Baldev Lamba, Temple University at New Committee Room, SPA, New Delhi on 6 March 2019.
- Special lecture titled 'Geospatial Information System Applications' delivered by Prof. John Horn, ITC, The Netherlands at New Committee Room, SPA, New Delhi on 8 February 2019.

- Live session titled 'Pariksha pe Charcha 2.0 by Hon'ble Prime Minister' at New Committee Room, SPA, New Delhi on 29 January 2019.
- "India First- Leadership Talk Series" (Webinar Organized by MHRD Innovation Cell) by Shri Anand Mahindra, Chairman, Mahindra Group at New Committee Room, SPA, New Delhi on 8 January 2019.
- IGIS software demonstration by Scanpoint Geomatics Ltd. at CASS lab, SPA, New Delhi on 11 October 2018.
- 44 Poverty Discourse on Overcoming Impact from Health Shocks: Current Initiatives and Options organized by Chetanya Kashyap Foundation at Hailey Road, New Delhi on 28 September 2018.

17. Departmental Advisory Committee:

S. No.	Name of the Member	Affiliation and Address of the Member
Internal Members		
1.	Prof. Dr. Vinita Yadav	Department of Regional Planning, SPA Delhi
2.	Prof. Dr. Mahavir	Dean (Academic) , SPA Delhi
3.	Mrs. Chetna Singh	Assistant Professor of Regional Planning
External Members		
1.	Dr. I.P. Singh	Associate Professor, Architecture Department, National Institute of Technology Hamirpur-177005 (Himachal Pradesh)
2.	Dr. Rumi Aijaz	Observer Research Foundation (ORF), 20 Rouse Avenue, Institutional Area New Delhi -110002
3.	Mr. J.N. Barman,	Advisor (Planning), Retd. Director (Technical), National Capital Region Planning Board, Core IV-B, First Floor, India Habitat Center, New Delhi

18. Departmental Research Committee:

S.No.	Name	Designation	Organization
Internal Faculty			
1	Prof. Dr. Mahavir	Dean (Academic)	SPA, Delhi
2	Prof. Dr. Sewa Ram	Ph.D. Co-ordinator	SPA, Delhi
3	Prof. Dr. Vinita Yadav	Member	SPA, Delhi
External Faculty			
1	Prof. Shrawan Acharya	Member	Professor, Center for the study of Regional Development, J.N.U, New Delhi
2	Prof. Binayak	Member	Dean (Research) and

	Choudhary		Professor, Planning School of Planning and Architecture Neelbad Road, Bhauri, Bhopal - 462030, Madhya Pradesh (M.P.), India
--	-----------	--	---

19. Any other information:

- Mr. Aman Singh Rajput presented the paper titled 'Intelligent Urbanism guiding the smart city-region development - Case study of Bhopal' in International Conference on 'Smart Cities Opportunities and Challenges' organized by Jamia Millia Islamia held from 14 to 16 March 2019 and won the best paper award in the technical session.
- Mr. Govind, student of second semester, Department of Regional Planning attended India Infrastructure Summit, 2019 on 1 March 2019 at New Delhi.
- Ms. Saumya, Jagdeep, Manik, Yashika, Mohammad. Aqueel, Anshuman and Mohit, second semester student, attended lecture titled 'Land and Finance in Cities, India and South Africa' delivered by Mr. Matthew D. Glasser from The centre for Urban Law and Finance in Africa (CULFA) in conference titled 'Land Matters@IIHS-CLG' on 27 February 2019 at Indian Institute for Human Settlement (IIHS), New Delhi.
- Mr. Aman Singh Rajput presented paper titled 'Inequalities in the Land of Sugar: Comparative Study of Sustainable Rural Development in Mukandpur and Kakor Kalan villages in Baghpat district, U.P in ANUSANDHAN - 2019 'International Conference on "Multi-Disciplinary Approach towards Sustainable Development: Role of Government, Academicians, Corporate, Civil Societies and Citizens' organized by Indian Institute of Forest Management, Bhopal on 21-22 February 2019.
- Ms. Yashika Sachdeva, second semester student attended Conference 361° from 14-15 February 2019 at Nehru Centre, Worli, Mumbai.
- Mr. Aman Singh Rajput presented paper titled 'Bhopal Smart city Mission: Interpreting smartness of Bhopal city in terms of planning initiatives' and won first prize in the event 'Current Practices' themed "Glocalization" in the XX Annual NOSPlan Convention "PRATIBIMB" organized by Institute of Architecture and Planning, NIRMA University, Ahmedabad from 24-26 December 2018.
- Mr. Hitesh Chaudhary won first prize in the event 'Rampa Caminar' in the Annual NOSPlan convention "PRATIBIMB" organized by Institute of Architecture and Planning, NIRMA University, Ahmedabad from 24-26 December 2018.

Department of Transport Planning

1. Name of the Department

Department of Transport Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1970

4. Faculty Profile :

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks if any
Prof. Sanjay Gupta	M.Sc., M.TP, Ph.D., FITP, Commonwealth Academic Fellow (U.K)	Professor and Head of the Department of Transport Planning	Public Transport Planning, Freight Logistics, Transport Policy, Travel Behaviour, Transport Modelling, Policy analysis and Transport Climate Change	33	Served as 29 years as full time faculty

Prof. Dr. Vinay Maitri	M.Sc, Ph.D, FCILT	Dean (Students Affairs) from March 2018 Professor of Programming Controller of Examination up to Jan 2018 Head CASS/GIS/RS	Quantitative Techniques, Statistics, O. R's Application in Transport, Transport Economics and Intelligent Transport System	42	Served as 39 years as full time faculty
Prof. Dr. Sewa Ram	B.Tech. (Civil) IIT Delhi, M.Plan (Transport), Ph.D.	Professor of Transport Planning	Transport Infrastructure Design, Traffic Engg. Geometric Design, Capacity of roads and Intersection	29	25 years as full time faculty
Sh. Bhaskar Gowd Sudagani	B.Tech Civil, M. Plan Transport Planning	Assistant Professor	Engineering Economics, Highway Planning and Design, Urban Transport planning	12	9.5 years as full time faculty 2.5 Years Professional Experience

5. Contract Faculty Profile :

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks if any
Sh. Sairam Dasari	B.Tech (Planning) M.Plan (Transport)	Assistant Professor (Contract)	Transport modelling and planning, travel behavior, Network Planning, Application of GIS, Transport Software Application	6	Served as contract faculty September to May 2019

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours /Week
Prof. Dr. Sanjay Gupta	II	Public Transport Planning	2
	III	Logistics and Urban Freight	2
	III	Public Transport and City Development	2
	III	Studio (Planning stream)	4
	IV	Transport policy, Legislation and Institutional framework	2
	IV	Thesis Guidance	4
			Ph.D Research Guidance
Prof. Dr. Vinay Maitri	II	Transport Economics	2
	III	Intelligent Transport System	2
	IV	Thesis	4
Prof. Dr. Sewa Ram	II	Road Safety & Environment	2
		Traffic Engineering	2
		Design Studio	4
	III	Transport Infrastructure Design	2
		Traffic Engineering	1
		Design Studio (Engineering)	6
	IV	Thesis Guidance	5
	IV	Universal Accessibility (Institutional elective)	2
		Ph.D Research Guidance	
Sh. Bhaskar Gowd Sudagani	III	Planning and Design Studio (Economics and Management)	7
	III	Engineering Economics	2
	II	Highway Planning and Design	2
	II	Urban Transport Planning	2
	II	Planning and Design Studio (Transport Plan)	10
	IV	Thesis Guidance	4
Sh. Sairam Dasari	II	Studio	8
	II	Urban Transport Planning	1

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours /Week
	II	Traffic Lab	2
	III	Studio (Planning stream)	8
	III	Traffic Lab	2
	IV	Thesis Guidance	6

7. Details of teaching work undertaken in the other departments in the School:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Sanjay Gupta	VIII Sem Physical Planning Deptt	Thesis Guidance	3
	I sem Int. program	Design Studio	2
	II Sem UP Deptt	Transport and Land use	1
Prof. Dr. Sewa Ram	B. Planning	Thesis Guidance	4
	I Sem Integrated program	Infrastructure and Transport subject	1
	I sem Int. program	Design Studio	3
	Institute Elective	Transport Infrastructure Design	2
Sh. Bhaskar Gowd Sudagani	I Sem Integrated program	Infrastructure and Transport Planning	1
	I sem Int. program	Design Studio	6
Sh. Sairam Dasari	I Sem Int. program	Design Studio	6
	II Sem UP Deptt	Transport and Land use	1
	II Sem UP Deptt	Quantitive techniques and GIS Applications	2

8. Details of teaching work undertaken by the Visiting Faculty (VF) / Visiting Professors (VP)/ Contract Faculty etc. in the Department:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Ms. Vaishali Gijre	II	Studio	3
	III	Studio	3
	IV	Thesis	6
	Institute Elective	Public Transport & City Development	2

9. Details of the studio work undertaken by the students :

Semester/Year	Project Title/Topic	Description
Second	Mobility Plan For Dwarka Sub City	Dwarka sub city was taken up for preparation of Mobility plan. A number of transportation studies were carried out to estimate the base and future year travel demand. Four stage transport models were developed as part of this exercise to estimate the travel demand. The future total transport demand was assigned on the best alternative network to ensure safe and efficient movement of traffic. High demand of travel necessitated the formulation of transport proposals such as MRTS along with the integration of non-motorized transport.
Third Semester Studio – 1 (Planning Group)	Management Plan for Transport Terminals in Jaipur City, Rajasthan	The present study Jaipur was taken up for preparation of Management plan of terminals. Three terminals namely freight terminal, bus terminal and railway station at Transport Nagar, Sindhi Camp Bus Station and Jaipur Junction Railway Station respectively were selected for detailed study. Various traffic and transportation surveys were carried out at case terminals based on which terminal management strategies were identified.
Third Semester Studio – 1 (Design Group)	“Feasibility and Design of rope system in Shillong City “	The Studio exercise involve feasibility, system selection and alignment options of rope way system for Shilong city. For this study transport surveys has been carried out on potential traffic Corridors in the city. From the analysis it is observed that three corridors through which most of the traffic passes. A land suitability analysis along the potential corridors has been carried out to test the ropeway alignment options. The exercise looked into design aspects of ropeway like Pylon design, station design, rope design & also operation and maintenance & safety measures etc.
Third Semester Studio – 2 (Planning Group)	“Last mile connectivity for Gurugram Metro Stations”	The present study was focused on identifying Last Mile connectivity solutions for Gurugram metro station. The study highlights the fact that mere provision of mass transits is not sufficient to dissuade commuters from using private modes. Commuters are more likely to shift to public

		transport if factors such as accessibility, comfort, convenience, journey time and/or cost are not severely compromised upon. The study proposed last mile transport services along with operational area based on metro user demand pattern
Third Semester Studio – 2 (Design Group)	“ Corridor mobility Plan for Gurugram city”	This studio was focused on studying on three case corridors in Gurugram & Identify various design interventions for improving the mobility along the corridors.

10. Details of the thesis work undertaken by the final semester students:

Roll No.	Name of the Students	Thesis Topic	Thesis Guide
SPA/NS/TP/606	Mr. Aditya Gupta	Transport Strategies for efficient distribution of FMCG products	Dr. Sanjay Gupta
SPA/NS/TP/607	Mr. Ambar Jalees Ahmad	Review of Adaptive smart signal system in urban areas	Mr. Bhaskar Gowd Sudagani
SPA/NS/TP/608	Ms. Anshula Gumber	Impact of common mobility card on Travel Pattern	Dr. Vinay Mairtri
SPA/NS/TP/609	Mr. Vinay Kumar Botla	Potential of Big data for Public Transport Planning & Management	Dr. Sanjay Gupta & Mr. Sairam Dasari
SPA/NS/TP/610	Ms. Chandani Kumari	Effect of side friction on traffic patterns & Road safety	Dr. Sewa Ram
SPA/NS/TP/611	Ms. Ede Sowmya	Impact of navigation apps on travel behaviour in Indian cities	Dr. Sanjay Gupta & Mr. Sairam Dasari
SPA/NS/TP/612	Ms. Indu	Multi Modal Interchange attributes assessment in terminal design	Dr. Sewa Ram
SPA/NS/TP/613	Ms. Isha Sapra	Impact of TDM Measures on Air Pollution	Dr. Sanjay Gupta & Mr. Sairam Dasari
SPA/NS/TP/614	Mr. Jagannath Das	Impact of urban road network on Development patterns	Dr. Sewa Ram
SPA/NS/TP/615	Ms. Kirtika Sachdeva	Service Level Benchmarks for smart toll plaza	Dr. Vinay Mairtri
SPA/NS/TP/616	Mr. Swapnil Machindra Labde	Potential of city logistics in urban freight distribution	Dr. Sanjay Gupta
SPA/NS/TP/617	Mr. Machavarapu Naga Venkata Pavan Kumar	Integrated Mass transit and cycle network systems planning for urban areas	Dr. Sewa Ram

SPA/NS/TP/618	Mr. Abhishek Shriram Mahajan	Potential of the Hyperloop for intercity travel	Mr. Bhaskar Gowd Sudagani
SPA/NS/TP/619	Mr. Mohd. Anas	Operational Economics of Electric Vehicles	Dr. Sanjay Gupta
SPA/NS/TP/620	Ms. Prachi Santosh Gandhi	Panning for container logistics facilities in urban Areas	Dr. Sanjay Gupta
SPA/NS/TP/621	Mr. Rahul Vardhan Bhatnagar	Assessment of LOS for access/ dispersal facilities at Railway Stations	Dr. Sewa Ram
SPA/NS/TP/622	Mr. Rovin C Kashyap	App Based information for enhancing Road safety	Dr. Sewa Ram
SPA/NS/TP/623	Mr. Sarthak Mohapatra	Pedestrian Behavior assessment for at Grade Separation Facility	Dr. Sewa Ram
SPA/NS/TP/624	Mr. Shashi Kant Varma	Decongestion strategies of CBD area in Urban Area	Dr. Sewa Ram
SPA/NS/TP/625	Ms. Shinjini Acharya	Planning for Gender equality in Urban Transport	Dr. Sanjay Gupta
SPA/NS/TP/626	Ms. Sonali	Planning for feeder services for Proposed RRTS	Dr. Sanjay Gupta & Mr. Sairam Dasari
SPA/NS/TP/627	Mr. Soumyajit Dutta	Impact of emerging transport technologies in shaping future cities	Dr. Sanjay Gupta
SPA/NS/TP/628	Mr. Vijay Meena	Rapid Travel Demand Assessment for Urban areas	Mr. Bhaskar Gowd Sudagani

11. Details of Ph.D. thesis topics :

Sr. No.	Name of the Applicant	Name of the Guide	Year of Enrolment	Title of the Thesis	Research Status
1.	Amit Arora (PT)	Prof. Dr. Sanjay Gupta	2010-11	The impact of socio economic and built environment characteristics on travel behaviour in residential neighbourhoods	• Ph.D Degree awarded
2.	Anjali Goyal (PT)	Prof. Dr. Sewa Ram (Since 2018)	2012-13	A new investment model for high speed rail in India	Research in Progress
3.	Bhaskar Gowd Sudagani (PT)	Prof. Dr. Sewa Ram Prof. Dr. P. K. Sarkar (co-guide)	2013-14	Gap acceptance behaviour of drivers at roundabouts in urban areas and its effect on capacity	• Advanced stage of research
4.	Chidambara	Prof. Dr.	2014-15	A comprehensive approach	• Viva voce

Sr. No.	Name of the Applicant	Name of the Guide	Year of Enrolment	Title of the Thesis	Research Status
	(PT)	Sanjay Gupta		to last mile connectivity for public transport system	examination held, Ph. D, degree to be awarded
5.	Farhat Azad (PT)	Prof. Dr. Sewa Ram	2014-15	Assessment of impact of freight traffic on road safety in NCR, Delhi	• Research in Progress
6.	Laghu Parashar (PT)	Prof. Dr. Sanjay Gupta	2017-18	Sustainable Public Private Partnership Framework for city bus operation	• Research in Progress
7.	Vaishali Gijre (PT)	Prof. Dr. Sanjay Gupta	2017-18	Urban transport Institutional frame work for smart cities of India	• Research in Progress
8.	Pankaj Kant (FT)	Prof. Dr. Sanjay Gupta	2017-18	Sustainable urban freight distribution system for Indian cities	• Research in Progress
9.	Amal Jose (FT)	Prof. Dr. Sewa Ram	2017-18	Benchmarking of Accessibility to Airports with respect to travel time reliability	• Research in Progress
10.	Naina Gupta (PT)	Prof. Dr. Sewa Ram	2018-19	Environmental Capacity of Urban Roads a Under mixed traffic conditions	• Research in Progress
11	Shawon Aziz (PT)	Prof. Dr. Sewa Ram	2018-19	Rational Approach for Black Spot Assessment and its Management	• Research in Progress
12	Monika Singh (FT)	Prof. Dr. Sanjay Gupta	2018-19	Transport Disadvantage and Social Exclusion Group in Urban Transport policy Development	• Research in Progress
13	Kushagra Sinha (F)	Prof. Dr. Sanjay Gupta	2018-19	Mobility Transformation in Digital Age and its Implications on transport services in Indian cities	• Research in Progress
14	Priyanka Kumar (PT)	Prof. Dr. Sanjay Gupta	2019-20	Stakeholder Engagement based Urban Transport Planning and Decision Making Approach	• Research in Progress
15	Anjula Negi (PT)	Prof. Dr. Sanjay Gupta	2019-20	Innovative Financing Mechanism for Urban Mobility Infrastructure	• Research in Progress

12. Details of Research Projects:

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/ Fee (Rs. in Lakhs)
CLIMATRANS, Institute of Transport Economics, Norwegian Centre for Transport Research (Ongoing)	Prof. Dr. Sanjay Gupta (co-ordinator)	Coping with climate: assessing policies for climate change and its adoption in transport sector mitigation in Indian cities.	Rs. 60.00 lakhs (advanced stage of completion)
UNDER REFORM, ICSSR-ESRC (U.K) joint research project, sponsored by ICSSR	Prof Dr. Sanjay Gupta (Co-PI, SPA Delhi), Prof Greg Marsden (PI) Leeds University (U.K)	Governance of Transport sector in Smart cities of India	Rs. 12.99 lakhs (initiated in May 2018)

13. Publications:

Prof. Dr. Sanjay Gupta

- Chidambara & Gupta, S. (2018). Effect of Walkability on Users Choice of 'Walking' the Last Mile to Transit Stations: A Case of Delhi Metro", *Urban Studies and Public Administration*, 1(1).
- Gupta, S. (2018, April 16-19). Productivity of Railway Stations: Case Study - New Delhi Railway Station, Transport Research Arena 2018, Vienna.

Prof. Dr. Vinay Maitri

- Singh, H., Kaur, B. & Maitri, V. (2018). Applications of GIS Technology and Crime Mapping in Crime Analysis of Jalandhar Commissionerate. *International Journal for Research in Engineering Application & Management (IJREAM)*,4(7), 8-33.
- Singh, H., Kaur, B. & Maitri, V. (2018). Planning for Informal Commercial Sector in Jalandhar City. *International Journal for Research in Engineering Application & Management (IJREAM)*,4(7), 763-790.

Prof. Dr. Sewa Ram

- Jose, A. & Ram, S. (2019). Determination of land side accessibility of Indian metro hub airports w.r.t. travel-time reliability. *International Journal of Management Science and Engineering Management*. 10.1080/17509653.2019.1582366.

- Jose, A. & Ram, S. (2019). Influence of 'UDAN' Scheme on Network and Regional Connectivity of Indian Airports". *Urban India*, 39 (1).
- Sarkar, P.K., Ram, S., Sudagani, B.S., Revati & Kapoor, R. (2018). Assessment of critical gap and estimation of the capacity of roundabout under mixed traffic flow condition. *Indian Highways Indian Roads Congress*, 46(7), 49-56.
- Ram, S., Ammu, G., and Sarkar, P.K. (2018). Study on User Delay at Signalised Intersection and Formulation of Level of Service, *Indian Highways Indian Roads Congress*, 46(10), 19-30.

14. Faculty serving in Committees, Editorial Boards etc :

Prof. Dr. Sanjay Gupta

- Lead Member, Task Force on Intelligent Transport System (ITS) Capacity building and Training needs in India, set up as part of National ITS Policy Development for India, Niti Aayog, GOI (May 2018 till date)
- Expert member, Parking Policy for Maharashtra, Directorate of Town Planning, Govt. of Maharashtra
- Member, Jury, National Committee on Best Urban Transport award, Ministry of Housing and Urban Affairs, GOI, Aug- Sep 2018
- Member, Evaluation Committee, Institute of Town Planners, India
- Member, Advisory Committee for International Design of Railway Stations, IRSCDC, Delhi.
- 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
- Member, Technical Paper Reviewer Committee of Transportation Research Board 2019, Washington.
- Chairman, Publication Committee, Institute of Urban Transport
- Member, Editorial Board of Spatio-Economic Development Record
- Member, SPACE journal, School of Planning and Architecture, Delhi.
- Member, Evaluation Committee, Institute of Town Planners, India
- Expert Member, PG course Development Committee on Transportation Planning and Logistics, SPA Bhopal.
- Fellow Member, Institute of Town Planner, India
- Member, Institute of Transportation Engineers Inc. (U.S)
- Member, World Conference on Transport Research Society (WCTRS)
- Member, Transportation Planning Society (U.K)
- Member, International Association of Travel Behavior Research (IATBR)
- Member, World Society for Transport and Land Use Research (WSTLUR)
- Life Member, Institute of Urban Transport (India)
- Life Member, Transport Research Group (India)

- Member, Chartered Institute of Logistics & Transport (India)
- Life Member, Indian Roads Congress (IRC)
- Life Member, Institute of Rail Transport, India
- Member, Research Board, Institute of Urban Transport (India)
- Life Member, Association for Transport Development, India
- Member, Indian Institute of Public Administration (IIPA)
- Member, Indian Institute of Remote Sensing (IIRS)

Prof. Dr. Vinay Maitri

- Chairman, Steering Committee on “Application of State Spatial Data Infrastructure (State SDI) in Urban Governance”, NRDMS Division, Department of Science and Technology, GOI.
- Member, “Working Groups under National ITS Committee”, NITI Aayog (Infrastructure Connectivity), GOI
- Member technical committee of Delhi Traffic Police
- Hon. Treasurer Institute of Urban Transport
- Member technical committee for ITS of BIS

Prof. Dr. Sewa Ram

- Chairman subcommittee for Preparation of First Revision of IRC: 2 – 2019, Route Marker Signs for National Highways.
- Chairman subcommittee for Preparation of First Revision of IRC: 8 – 2019, Type Designs for Highway Kilometer Stones.
- Chairman subcommittee for Preparation of Second Revision of IRC: 39 – 2019, Standards for Road Rail Level crossings.
- Chairman subcommittee for Preparation of First Revision of IRC: 41 – 2019, Guidelines for Type Designs for Check Barriers.
- Chairman subcommittee for Preparation of First Revision of IRC: SP 41 – 2019, Guidelines for the Design of At-Grade Intersections in Rural and Urban Areas.
- Member of committee of road safety for the study of accidents and blackspots on major arterials by Government of Delhi.
- Member of Preparation of Chapter Road Environment / Infrastructure in Draft National Policy for Safe Transportation for School Children in India.
- Member for Preparation of document of course material on introduction to traffic engineering and advance traffic engineering for Indian academy of highway engineers (IAHE) for Certified road safety auditor course -- IAHE, International road federation (IRF) and Australian road research board (ARRB) 2016-2019
- Member H8 committee IRC for Preparation of draft on urban road manual–MORTH 2014-2018
- Member for Preparation and developing of modules of traffic engineering for Training manual for training on road safety of key person, Engineers—Asian Institute of Transport Development (AITD) January 2018

Sh. Bhaskar Gowd Sudagani

- Life Member, Institute of Urban Transport (India)
- Associate Member, Institute of Town Planner, India

Sh. Sairam Dasari

- Life Member, Institute of Urban Transport (India)
- Associate Member, Institute of Town Planner, India

15. Exhibitions, Seminars or workshops organized by the Department:

Prof. Dr. Sanjay Gupta

- Organized Local Stakeholder workshop at Jaipur as part of UNDERREFORM research project, as project coordinator, 14th Sep 2018, Jaipur
- Organized National Stakeholder workshop at Delhi as part of UNDERREFORM research project as project coordinator, 18th Sep 2018, Delhi

16. Participation in Seminars or workshops organised by the Department:

Prof. Dr. Sanjay Gupta

- **International Conferences/Workshops/Seminars attended** (Held outside India)
 - a. Urban Freight Logistics Trends in India (Invited Key Speaker in Plenary Session), VREF Urban Freight Conference 2018, Gothenburg (Sweden), 17-19th October 2018.
 - b. Emerging Urban Mobility Trends, Challenges and Policy Initiatives in India, Invited Lecture, December 2018 at Leeds University (U.K).
- **Presentation of Papers (International)**
 - a. Application of fractal analysis in evaluation of urban road networks in small sized city of India: Case city of Karimnagar, WCTR 2019, IIT Bombay (joint author)
 - b. Urban rail system for freight distribution in a mega city: Case study of Delhi, India, WCTR 2019, IIT Bombay (joint author)
 - c. Public private partnerships in city bus services- imperatives for a sustainable ecosystem in context of Indian cities, WCTR 2019, IIT Bombay (joint author)
 - d. Urban transport governance practice and challenges in an emerging economy- case study of India, WCTR 2019, IIT Bombay (joint author)
 - e. Characteristics or urban freight traffic in a medium size Indian city- a case

- study of Udaipur, Rajasthan, WCTR 2019, IIT Bombay (joint author)
- f. Powered two-wheeler management in metropolitan areas of developing nations: Case city of Delhi, WCTR 2019, IIT Bombay (joint author)
 - g. Travel Probability Fields- An approach to understand travel behaviour: Case study of slum dwellers in Kolkata, India, WCTR 2019, IIT Bombay (joint author)
 - h. Climate Change Mitigation in Urban Transport Sector, UMI, November 2018, Nagpur, MoUD, GoI (joint author)
 - i. Potential of Electric Mobility for Green Mobility Environment – Case Study Delhi, UMI, November 2018, Nagpur, MoUD, GoI (joint author)
 - j. Building scenarios for climate change mitigation and adaptation for urban transport in Delhi, Mumbai and Bangalore, International Conference: Transport, Climate Change and Clean Air, SIG f2 WCTRS (joint author)
 - k. Impact of Climate change on mobility of urban poor dwellers in the Yamuna River Floodplain: case study of Delhi, India, International Conference: Transport, Climate Change and Clean Air, SIG f2 WCTRS (joint author)
 - l. A comparison of Emissions of CO₂, Local pollutants and health impacts of mitigation transport policy scenarios in three Indian Mega cities, International Conference: Transport, Climate Change and Clean Air, SIG f2 WCTRS (joint author)
 - m. Assessment of Governance in Smart Cities across the Globe, International Conference on Smart Cities: Opportunities and Challenges, 14-16 March 2019, JMI New Delhi (joint author)

National Conferences/Seminars/Workshops

Presentation of Papers

- Electric Mobility in India: Potential and Policy Imperatives, International Conference on Recent Advances on Transport Infrastructure 2018, MANIT Bhopal (Joint Author)

Chairperson / Member of Panel

- Session Chairperson for ‘Tackling the challenges of Urban air Pollution – linking Research and Policy for Air Quality Improvement at Urban air quality’, 7th March 2019, IHC organized by IIT Delhi
- Moderator and Lead Discussant Eco-Logistics: Low carbon freight for sustainable cities, National Project kick-off Workshop, 31st October 2018, ICLEI
- Invited Panelist, Sustainable Urban Mobility Planning, Workshop organized by CSE Delhi
- Invited Panelist for Emerging Urban Narrative, RIS & NIUA, 2nd June 2018
- Invited Panelist Creating sustainable mobility future, 5th Smart Cities India 2019 expo/Transport India, 23rd May 2019

- Invited Panelist Sustainable Urban Mobility and Built Environment under Smart Cities, India, RoundTable at ICLEI's Resilient Cities Asia Pacific 2019, Delhi, ICLEI South Asia

Participation Only

- Attended Session on Global Mobility Summit 2018 on 10th July in NITI Aayog
- Attended "MOVE: A Global Mobility Summit", 7-8 September 2018
- Attended Virtual Session of Clean Mobility Community of Practice (CoP) on "Enabling a transition to electric mobility in Intermediate Public Transport fleets: Policies and Enabling Environment" on 11th September 2018
- Attended Green Skill Development Programme (GSDP) Inaugural Programme at SPA ENVIS on 23rd July 2018
- Attended Webinar on Enabling a transition to electric mobility in public transport fleets on 22nd June 2018
- Attended South Asia Regional Conference on Urban Infrastructure: New Approaches to Public-Private Partnership & Municipal Finance Innovations, 15-16 November 2018, Delhi
- Attended 2nd Annual Conference on E-Mobility and Charging Infrastructure, 3-4 December 2018, Le Meridien, New Delhi
- Attended International Conference on "Reinventing Delhi" on February 19-20, 2019 in New Delhi
- Attended National Workshop on Energy and Environment Modelling on 29th October 2018 organised by WRI India at IHC Delhi
- Attended Conference on "Clean Buses in India: Spotlight on CNG, Electric and Hybrid Buses", 20-21 February 2019, New Delhi
- Attended Multimodal Transportation Conclave-2019 on 24th January 2019 organized by PHD Chamber of Commerce and Industry, Delhi
- Attended infrastructure summit organized by CII, March 2019

Invited Panelists / Experts / Jury Member

International

- Resource Indian faculty for video talk on Sustainable Urban Freight Transportation: A Global Perspective, Case Study- Delhi as part of MOOC programme developed by TU Delft Amsterdam, and recorded at Chalmers Institute of Technology, Gothenburg, 18th October 2018
- Invited expert Indian panelist , Video Talk on How can fast growing cities ease urban congestion?, organized by Australian – India Institute, University of Melbourne, 17th April 2019

National

- Jury Member for Best Awards in Smart Cities Conference, May 2019
- Jury member MoveHack 2018, organised by Niti Aayog, Aug 2018

- Expert Mentor, LUTP mentoring programme, MOHUA and IUT, project on Transport Demand Management Tools for Metro Rail System-Strategy to ease congestion in Delhi Metro, India. 2018
- Expert Mentor, Capacity building program - Leaders in Urban Transport Planning and Management – Sixth Batch, MoHUA and IUT , project on Improve operational efficiency of CMRL 2018

Lecture Talks/presentation

- Presentation on Intelligent Transport System (ITS), Overview of Existing Situation of ITS at Academic Institutes of Higher Learning in India, NITI Aayog, May 2018
- Presentation on Importance of Transport Planning in Improving Road Safety in Urban Areas, Road Safety, National Consultation of Stakeholders, 19th Feb. 2019, SVP National Police Academy, Hyderabad
- Invited Expert at Urban Transport in India: Key Issues at IIPA, Training programme for government officers , IIPA, Centre for Urban Studies, IIPA
- Delivered invited talk on Urban Transport in India: Key Issues, Centre for Urban Studies, IIPA New Delhi
- Presentation on Multimodal Transportation in India Perspectives , Issues and Improvement Strategies, CILT conference on Multimodal Transportation, , 23rd Nov 2018, Delhi
- Lead presenter at National Stakeholder Workshop for Understanding Indian Urban Governance Reform, UNDERREFORM stakeholder workshop 18th Sep 2018, Delhi
- Lead presenter at Local Stakeholder Workshop for Understanding Indian Urban Governance Reform, UNDERREFORM stakeholder workshop 14th Sep 2018, Jaipur
- Delivered talk on Sustainable Transport and Mobility in Winter School from 7th – 12th January 2019 hosted by VNIT Nagpur
- Delivered talk on Sustainable Transport Systems and Policy Imperatives, Conference on Urban Environmental Sustainability, 7th – 8th Feb. 2019, Kalindi College, Delhi University
- Delivered talk on Planning for Public Transport, Talk for senior Police Officials from Sri Lanka, 4th September 2018, IRTE's College of Traffic Management, Faridabad
- Delivered talk on Inclusive Mobility: Improving Access for Pedestrians, Talk for senior Police Officials from Sri Lanka, 6th September 2018, IRTE's College of Traffic Management, Faridabad
- Delivered talk on Transport Planning Imperatives for Police Officers, Talk for IPS probationer officers, 2018, IRTE's College of Traffic Management, Faridabad
- Lecture talk on traffic impact assessment as part of GSDP course on City Environment Surveyors, 1st August 2018
- Delivered lecture talk on “Urban Transport Planning” to Haryana Town Planners training programme, in Management Development Institute, Gurugram, Haryana on 14th March , 2019.

- Delivered lecture talk on “Transport System of Delhi and Emerging Mobility Challenges”, Joint Meet of SPA Delhi- ESSC Business School Paris, May 2019

Prof. Dr. Vinay Maitri

- Attended “ESRI India your Conference 2018” organized by ESRI, from September 10-11, 2018 at The Leela Ambience Gurugram Hotel & Residences, Ambience Island, National Highway, Gurugram.
- Attended workshop on “UNDERstanding Indian Urban Governance REFORM-A Comparative analysis of the smart city mission reforms and their impact on sustainable urban mobility”, sponsored by ICSSR-ESRC, organized by SPA Delhi on 14th September, 2018 at Rajasthan Institute of Public Administration, Jaipur.
- Attended “Education Summit-2018”, 27 Sep, 2018
- Attended “Annual Symposium 2018”, Lady Irwin College, 25 October, 2018
- Attended “India Infrastructure Summit”, 1st March, 2019

Prof. Dr. Sewa Ram

Invited Panelists / Experts / Jury Member

- External Examiner for PhD in IIT Bombay, SVNIT Surat, IIT Delhi

Prof. Dr. Sewa Ram

Lecture Talks/presentation

- Delivered presentation on “Design for Visually Challenged” organized by ‘Design Innovation Centre’ in SPA on June 8, 2018
- Delivered presentation on “Transport System & Air Quality” organized by Institute of Town Planners India in ITPI Headquarters, ITO on June 14, 2018
- Delivered lecture talk on “Road Safety, Alignment and Intersection Design” organized by IRTE’s College of Traffic Management in Kaushambi on July 3, 2018.
- Delivered lecture talk on “Simple Applications of Intersections and Road Links” organized by IRTE’s College of Traffic Management in Varanasi on July 13, 2018.
- Delivered lecture talk on “Safe Design of Links, Intersection and NMT Facilities” organized by IRTE’s College of Traffic Management in Jaipur on July 31, 2018.
- Delivered Capacity Building talk, World Bank, PWD Gujarat, Surat & Vadodara on Safe road designs, 18 August 2018

- Delivered lecture talk on “Road Links, Intersection & Safe NMT Design and Methodology of Traffic Surveys” organized by IRTE’s College of Traffic Management in Shillong on August 7, 2018.
- Delivered lecture talk on “Safety in Road Design- Road Links”, organized by Asian Institute of Transport Development (AITD) in Dwarka, New Delhi on August 21, 2018
- Delivered lecture talk on “Safety and Traffic Calming” organized by IRTE’s College of Traffic Management in Bangalore on September 8, 2018
- Delivered Lecture on “Intersections and Roundabouts” in the Workshop Cum Training Programme on Road Safety organized by TRIPP, IITD, AITD and MoRTH at IRD Conference Room, Main Building, IIT Delhi on September 17-21, 2018.
- Delivered lecture talk on “Hazardous Road Locations & Case Studies and Road Safety Audit”, organized by IIT (BHU), Varanasi and Asian Institute of Transport Development (AITD) in Lucknow on October 24, 2018.
- Delivered lecture talk on “Introduction of Traffic Engineering and Crash Investigation” organized by IRTE’s College of Traffic Management in Kanpur on November 15, 2018.
- Delivered lecture talk on “Hazardous Road Locations & Case Studies”, organized by Asian Institute of Transport Development (AITD) in Dwarka, New Delhi on November 23, 2018.
- Delivered lecture talk on “Safety in Road Design- Road Links and Intersections”, organized by Asian Institute of Transport Development (AITD) in Dwarka, New Delhi on December 4, 2018.
- Delivered lecture talk on “Safety in Road Design- Road Links and Intersections” as a part of ‘Training on Road Safety for engineers’ organized by Department of Civil Engineering, MANIT Bhopal on December 18, 2018.
- Delivered lecture talk on “Safety in Road Design- Road Links”, organized by Asian Institute of Transport Development (AITD) in Jammu, JK on January 30, 2019
- Delivered presentation on “Making Delhi Walkable” organized by Hindustan Times in HT Headquarters in Barakhamba Road on February 5, 2019.
- Delivered lecture talk on “Road Safety” as a part of Road Safety Training Course organized by Asian Institute of Transport Development (AITD) in Pune on February 19, 2019
- Delivered lecture talk on “RSA of Intersections/Interchanges” as a part of Road Safety Training Course organized by Asian Institute of Transport Development (AITD) in Dwarka on February 28, 2019
- Delivered lecture talk on “Links and intersections and Traffic Calming in Urban areas” organized by APJ Abdul Kalam Technical University in Noida on March 25, 2019.
- Delivered lecture talk on “Transport Infrastructure, Safety and Environment” as part of Training for new recruits in Town and Country Planning Department, Haryana on March 11, 2019.
- Delivered lecture talk on “Introduction of Traffic Engineering and Accidents” organized by IRTE’s College of Traffic Management in Faridabad on March 29, 2019.

- Delivered lecture talk on “Public Transport in Gurugram” in Management Development Institute, Gurugram, Haryana on April 12, 2019.
- Delivered lecture talk on “Basics of Traffic Engineering and Management” for IPS probation officers, organized by IRTE’s College of Traffic Management in Faridabad on April 24, 2019.
- Delivered lecture talk on “Safety for Vulnerable Road Users”, organized by Asian Institute of Transport Development (AITD) in Pune on May 31, 2019

Sh. Bhaskar Gowd Sudagani

- Delivered Special Lecture on “Methodology for Preparation of Transport plan” For PG of Masters in Transport Infrastructure Planning students on 22nd March and 23rd March 2019 at SPA Vijayawada.
- Delivered Guest Lecture on topics related to “Economics viability of Transport Projects ” For PG of Masters in Transport Infrastructure Planning students on 21st February and 24th February, 2019 at SPA Vijayawada.
- Delivered Guest Lecture on “Financial Analysis of Infrastructure Projects” For PG of Masters in Transport Infrastructure Planning students between 28th December 2018 and 2nd January, 2019 at SPA Vijayawada.
- Delivered lecture on “Traffic Studies and Analysis’ for freshly recruited NHAI AE’s on 5th and 6th January 2019 at Indian Academy of Highway Engineers, Noida.

Mr. Sairam Dasari

Papers Presented

- Paper Presented on “Application of fractal analysis for evaluation of road network in small sized city of India: Case city of Karimnagar”, WCTR2019, May 2019
- Poster Presented on “Powered two wheeler management in metropolitan areas of developing countries: A case study of Delhi”, WCTR 2019, May 2019 (Joint Author)

Conference/ Seminars Attended

- Attended “MOVE: A Global Mobility Summit”, 7-8 September 2018
- Attended “National Stakeholder Workshop for Understanding Indian Urban Governance Reform”, 18th Sep 2018, Delhi
- Attended “Local Stakeholder Workshop for Understanding Indian Urban Governance Reform”, 14th Sep 2018, Jaipur
- Attended International Conference on 15th World Conference on Transport Research, 26-31st May 2019, Mumbai
- Attended workshop on “Last Mile connectivity and Route Planning of Delhi – 2018”
- Attended infrastructure summit organized by CII, March 2019

17. Departmental Advisory Committee

Internal and external members of the Board of Studies:

- Dr. S. Gangopadhyay (Ex-Director, CRRI)
- Dr. M. Parida (Professor, IIT Roorkee)
- Dr. M.P. Raju (Managing Director, LEA Associates South Asia Pvt. Ltd.)
- Sh. D.P. Gupta (Former Director General, MORTH)
- Dr. B.I. Singhal (Former Director General IUT, India)

18. Departmental Research Committee:

- Prof. Dr. Sanjay Gupta, HOD TP Department, SPA Delhi (Chairman, DRC)
- Prof. Dr. Sewa Ram, Professor TP Department, SPA Delhi
- Dr. G Joshi, Associate Professor, Civil Engineering Department, SVNIT Surat (External)
- Dr E. Madhu, Head Transport Planning Division, CRRI, Delhi (External)

19. Any other information:

Department of Urban Design

1. Name of the Department

Department of Urban Design

2. Names of academic programs offered by the Department

- Masters of Urban Design
- Ph.D.

3. Year of establishment of the Department 1979-80*

(*)PG Diploma in Urban Design started in 1970

4. Faculty Profile :

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Arunava Dasgupta	M.Arch (Urban Design)	HOD and Associate Professor	Urban Design	32 years	HOD from April 2016 to June 2019
Manu Mahajan	M.Arch (Urban Design) MSc.(Dev and Planning)	Assistant Professor	Urban Design	19 Years	Upto January 31 st 2019. (on Study Leave from 1 st Feb. 2019)

5. Contract Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Animesh Dev	M. Urban Design Master of Anthropology	Assistant Professor (Contract)	Urban Design	5 Years	

6. Details of teaching work undertaken within the Department:

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Arunava	1	• Design Studio I	6

Dasgupta	1	• Urban Form Lab-II	3
	3	• Reading the City (L)	2
	3	• Thesis Methodologies	3
	2	• Design Studio –II (ST)	3
	2	• Urban Form Lab-II (L)	1
	2	• Urban Form Lab-II (R)	2
	4	• Thesis Studio	6
	4	• Thesis Studio (R)	1
Manu Mahajan	1	• Urban History and Development Theory-I (S)	2
	1	• Research Methods	2
	3	• Thesis Methodologies	1
	3	• Institutional Elective	2
	3	• Design Studio-III	6
	3	• Urban Form Lab-II (ST)	3
	2	• Design Studio- II upto 31 st Jan. 2019	6
	2	• Elective (Departmental) upto 31 st Jan. 2019	2
Animesh Dev	4	• Design Thesis (T) upto 31 st Jan. 2019	3
	1	• Urban History and Development Theory-I (S)	2
	1	• Site Planning (W/S)	2
	1	• Research Methods	2
	1	• Design Studio (T)	3
	3	• Urban Form Lab-II (ST)	3
	3	• Departmental Elective	2
	3	• Reading the City (S)	2
	2	• Participatory Planning and Co -Design Tools	2
	2	• Elective (Departmental)	2
	2	• Urban History and Development Theory-II (S)	2
	2	• Urban Form Lab I	3
	2	• Design Studio (T)	3
	4	• Departmental Elective (L)	2
	4	• Thesis Studio Research	1

7. Details of teaching work undertaken in the other departments in the School:

8. Details of teaching work undertaken by the visiting faculty (VF)/ visiting professors (VP)/Contract Faculty (CF)

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

Ujan Ghosh	1	• Design Studio – (ST)	6
	2	• Design Studio –II (ST)	6
Rajender Singh	3	• Design Studio-III	3
	2	• Design Studio-II	3
Nishant Lall	1	• Urban Form Lab-I	3
	2	• Urban Form Lab-II (R)	2
	2	• Urban Form Lab-II (L)	1
	4	• Design Thesis (Tutorial)	3
Suneet Mohindru	1	• Site Planning (L)(W/S)	3
Sanjay Kanvinde	3	• Design Studio – III (ST)	6
	4	• Thesis Studio (ST)	6
Mriganka Saxena	1	• Design Studio	3
	4	• Design Thesis (Tutorial)	3
Sudipto Ghosh	4	• City Futures Lab (R)	3
Snehanshu Mukherjee	4	• Thesis Studio	3
Anurag Chowfla	3	• Thesis Methodologies	2
	2	• Design Studio (ST)-II	3
Abhimanyu Dalal	3	• Thesis Methodologies	2
	4	• Thesis Studio (ST)	3
Rajiv Bhakat	1	• Urban Design Methodologies	2
	1	• Design Studio	3
	4	• City Futures Lab (R)	3
	4	• Departmental Elective (L) Future Cities	2
	4	• Design Thesis Tutorial	3
Ranjit Mitra	1	• Urban History and Development Theory-I (L)	2
	2	• Urban History and Development Theory-II (L)	2
	4	• Thesis Studio	6
Mansi Kataria	1	• Site Planning (Workshop)	2
	4	• Design Thesis (Tutorial)	3
Rinki Sarkar	1	• Urban History and Development Theory-I (L)	2
	2	• Urban History and Development Theory-II (L)	2
Kanu Kartik Agarwal	3	• Departmental Elective (Imagining Cities-II)	2
	2	• Departmental Elective-I (Imagining Cities -I)	2
Anjula Negi	3	• Development Practice/Project Planning & Finance	2
	2	• Urban Infrastructure & Housing	2
Divya Chopra	1	• Urban Form Lab-I	3

	2	• Urban Form Lab- II	3
Vandini Mehta	3	• Reading the City (L & S)	4
	2	• Urban History and Development Theory-II (S)	2
Aishwarya Tipinis	2	• Urban Policy and Management Framework	2
Marisha Sharma	2	• Urban Policy and Management Framework	2
Shveta Mathur	3	• Design Studio -III	3
	3	• Urban Form Labs –I	3
	2	• Participatory Planning and Co-Design Tools	2
	3	• Planning the City-II	2
Rinki Sarkar	1	• Urban History and Development Theory-I (L)	2
	2	• Urban History and Development Theory-II (L)	2
Vineet Katariya	1	• Digital Skills for UD	2
	2	• Design Studio (T)	3
Pranav Singh	3	• Planning the City- II (L)	2
	2	• Planning the City- I (L)	2
Aparna Ash Kanojia	3	• Development Practice/ Project Planning & Finance	2
Rwritee Mandal	3	• Urban Form Lab-I	3
	2	• Institutional Elective	2
	4	• City Future Lab (R)	3
Debayan Chaterjee	1	• Digital Skills for UD	
Balaji Mohan	4	• City Futures Lab – (R)	3

9. Details of the studio work undertaken by the students:

Semester/Year	Project Title/Topic	Description
Design Studio-I: First Semester	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.
Design Studio-II: Second Semester	The objective of this studio is to hone the theoretical knowledge of the student from the first semester in resolving a design problem on a Green Field site preferably outside Delhi. The first part of	For the first time this year, the Department is studying “Mission” Cities. Under this theme, the city of Mangalore had

	the studio will be an introduction to urban design city study, analyzing the various factors that determine the morphology of the city and the referencing of selected sites to the study.	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.
Design Studio-III: Third Semester	The objective of the studio is to focus on inner city regeneration in Delhi examining issues related to critical programme development, urban conservation, economic and environmental considerations, and infrastructure development, social and political forces. The involvement of user groups and decision-making agencies as a part of the project formulation and appraisal is the core theme of this studio.	For past nine years, the department is taking up electoral wards of Delhi. This year two wards- Khanpur and Lajpat Nagar have been taken up for Local Area Plan and Design.

10. Details of the thesis work undertaken by the final semester students:

Roll No.	Name of the Student	Thesis Topic
UD/782	Apoorva Mishra	Integrating tribal migrants with the city: Case –Satna, MP
UD/783	Ashin Thomas	Smart (R)urbanism for the ecofringes of Kerala, a study on Kozhenchery, Pathanmthitta
UD/784	Chhavi Rawat	Enhancing affordability in Transit Oriented Development- a site specific TOD model for Kirti Nagar, New Delhi
UD/785	Debaditya Swarnakar	Development of an elderly responsive neighborhood by using spaces of routine activity as determinant : Case-Kolkata
UD/786	Debojyoti Biswas	Rejuvenating the urban identity of defunct and derelict industrial city : Case - Howrah
UD/787	Deepshikha Sinha	Climate responsive public spaces: Microclimate in a Planned City : Case –Dwarka- New Delhi
UD/788	Meenakshi Nair	The invisible citizens, Addressing the homeless migrants Case of North Delhi
UD/789	Mohua Moitri Mazumdar	Anchoring the in-between, integrating urban ecological resources to create social resilience in inner city: Case - Guwahati
UD/790	Nadia Ali	Re-imagining Srinagar: Knowledge networks and urban innovation spaces for conflict affected youth.
UD/791	Nikhil Sanjay Shah	Ecological Urban Commons: Augmenting climatic and Social resilience, Case - Surat
UD/792	Penugonda	Design for increasing employability (education sector as a

	Varshini	part of urban environment for experiential learning): Case – Hyderabad
UD/793	Prateek Draik	The morphology of the emerging Himalayan City- Sustainable Shimla
UD/794	Pritam Dey	Re-animating memory: Urban regeneration of mixed use religious neighbourhood for marginal communities : Case - Kolkata.
UD/795	Shaima Ansari	Revitalizing the system of urban spaces in transforming industrial neighbourhoods of Delhi: Case – Karamapura-Indl. Area, New Delhi
UD/796	Shubhajit Bagchi	Economic rejuvenation of defunct and derelict districts through harnessing knowledge: Case - Kolkata
UD/797	Soumya Warriar	Beyond Tourism: a city rediscovered through its multicultural overlaps; Alappuzha.
UD/798	Surbhi Zutshi	Strengthening collective identity of Faridabad by revitalising public space systems.
UD/799	Tanushri Bahl	Rooting Commons : Socio-Ecological Systems of Urban Neighbourhood (Equity, Inclusivity, Sustainability): Case – Dwarka-Delhi
UD/800	Tetso Kekhrieneizo Vikezo	Reimagining Publicness using a new system of public transit as a trigger of change : Case – Kohima, Nagaland
UD/801	Venna Sri Hari Kanth	Climatic Responsive Urban Forms : Case- Rushikonda, Visakhapatnam
UD/755	Nitin Bhardwaj	Re-imagining the RUrban: Strengthening positive changes in a rural setting under the pressure of urbanization: Case- Burari Village New Delhi
UD/853	Vibhav Kharagpuria	Railway station precinct development as an emerging urban centre that becomes a catalyst to make the city socially inclusive. Case: Kanpur, UP

11. Details of the Ph.D. Thesis Topics

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
SPA/NS/Ph.D /129/2012-13	Deepashree Choudhury	“Collage city urbanism: Reading of Kolkata”	Prof. Sanjukta Bhaduri	
SPA/IS/Ph.D/ 128/2012-13	Arunava Dasgupta	Urban Design Directions to guide Rural Settings under Transformation.”	Prof. Dr. Mandeep Singh	Approved for examination
SPA/IS/Ph.D/ 165/2016-17	Manu Mahajan	“Impact of metro on the cultural economy and spatial transformations of inner city areas.” Case - Old Delhi	Dr. Leon A Morenas	

SPA/NS/Ph.D /168/2016-17	Aishwarya Tipnis	“Exploring Paradigms for culturally relevant adaptive reuse as a tool for Urban Regeneration of derelict industrial landscapes in India: Reconciling Protection, Conservation & Development.”	Prof. Dr. Mandeep Singh	
SPA/NS/Ph.D /182/2017-18	Advaita Jalan	“Investigating urban design codes formulation and Implementation methodology in India: A care study of Form- Bared code for Vadodara”	Prof. Dr. Mandeep Singh	
SPA/NS/PhD/ 196/2018-19	Kamini Singh	Role of Urban comfort in enhancing human experience of public places.”	Prof. Dr. Mandeep Singh	
SPA/NS/PhD/ 211/2018-19	Vandini Mehta	“In-filtrating urbanism: Delhi’s unauthorized colonies	Prof. Dr. Mandeep Singh	
SPA/NS/PhD/ 158/2016-17	Arathy Gopal	“Tourism as a determinant of change in urban form in Temple cities of India.”	Prof. Dr. Mandeep Singh	
SPA/NS/PhD/ 195/2018-19	Arpita Dayal	“Connective Urban Liminalities: Everyday environments and Social spaces”.	Dr. Leon A Morenas	

12. Details of Research Projects

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/ Expected Outcomes	Total Grant/ Fee (Rs. In Lakhs)
Urban Form and Climate Change	Arunava Dasgupta	Patented Product and or Design copyright.	25 Lakh
Addressing Urban Realities – Eco-Smart Social Infrastructure for Less Catered Communities	Arunava Dasgupta/ Ms Aditi Singh	Patented Product and or Design copyright.	15 Lakh
Smart Sustainable City Regions in India in partnership with NTNU - Norway and funded by UTFORSK, Norway	Arunava Dasgupta	E-Course, publication, workshops, exhibition joint	1.5 crores

13. Publications:

14. Faculty serving in Committees, Editorial Boards e t c .

Arunava Dasgupta

- State Heritage Advisory Committee, Govt. of Himachal Pradesh
- Founder Member and Executive Council Member, Institute of Urban Designers-India
- Member, Advisory Group, Urban Design Program, College of Engineering, Trivandrum
- Member of Board of Studies: Chandigarh College of Architecture, Punjab University.
- Member of Board of Studies: School of Global Studies, Ambedkar University, Delhi
- Member of Board of Studies: Department of Architecture, Town and Country Planning, IEST, West Bengal.
- Member, Senate, SPA Delhi

Manu Mahajan

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

15. Exhibitions, Seminars or workshops organized by the Department:

(a) Seminars/Workshops

- A Joint Student's workshop between students & faculty of Cardiff University, UK & SPA-Urban Design was held between 3rd November-5th November, 2018 in Delhi.
- A Joint Student's workshop between students & faculty of NTNU, Trondheim-Norway & Spa-Urban Design was held between 30th November, 2018 in Delhi.
- A Joint Student's workshop between students & faculty of Birkbeck University, London & Spa-Urban Design on 'Place-Making' was held between 25th February- 1st March, 2019 in Delhi.

16. Participation in Seminars or workshops, etc.

a. International (Held outside India)

Arunava Dasgupta

- Arunava Dasgupta presented a paper entitled “Between Community and Building: Technological Substitution Challenges in Himachal Pradesh” and contributed as panelist to a discussion on “Scalability of Technological Choices” as invited speaker in the conference on “Social Structures, Smart Development & Economic Growth in Melbourne, Australia on 27-28th March, 2018
- Arunava Dasgupta delivered lectures, co-supervised PhD scholars and conducted training workshops on “Mapping the City” as Guest Faculty in the Heidelberg Centre of Transcultural Studies, Heidelberg University, as an ERASMUS Fellow in June 2018 & June 2019.

b. National

ArunavaDasgupta

- Arunava Dasgupta delivered a talk on “Resilience from Within – Emerging Constituency and Professional Realignments” as Keynote Speaker in the Architects ‘ Conclave on “Floods and After” organized by IIA, Kerala Chapter in 2018 at Kochi.
- Arunava Dasgupta & Ms. Vandana Kothari Delivered lectures to an International Delegation of Swiss Art & Architecture professionals as part of the IN:CH-HKB Program in Feb-2019.

c. Chairperson/Member of Panels:

Arunava Dasgupta

- Arunava Dasgupta was invited as Expert Discussant for “Public Lecture on “Knowledge City Heidelberg” By Prof. Dr. Eckart Wurzner, Mayor of the city of Heidelberg at ORF, Delhi in Feb-2019.
- Arunava Dasgupta participated as invited panelist for the Seminar on Gendering the City organised By Kings College, UK & Safetipin in December 2018- Delhi.
- Arunava Dasgupta participated as invited panelist in the IUDI-DNCR-URJA Conference on local Area Development in 2018-Delhi.
- Arunava Dasgupta was invited as a member of Jury Panel for MVUD awards on Urban Design projects at KRVI-Mumbai 2018.

d. Participation Only

- Arunava Dasgupta participated in an International Conference on “Sustainable Geographies, Geographies of Sustainance” in NTNU, Trondheim-Norway in June 2019.

17. Departmental Advisory Committee:

Internal Members

- Arunava Dasgupta, Associate Professor and Head of Urban Design –

Chairperson

External Members

- Prof. K.T. Ravindran, Dean Emeritus, RICS School of Built Environment
- Mr. Rajeev Kathpalia, Principal, Vastu Shilpa Foundation
- Mr. Ashok B. Lall, Proprietor, Ashok B Lall Architects

18. Departmental Research Committee:

Internal Members

External Members

- Prof. AGK Menon, Convenor, Delhi Chapter, INTACH
- Prof. A. Srivathsan, Academic Director, CEPT University, University Road, Navrangpura, Ahmedabad-380009, Gujarat.

19. Any other information:

Department of Urban Planning

1. Name of the Department

Department of Urban Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1955

4. Faculty Profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of years of experience	Remark if any
Sh. M. Palaniappan	M.A., (Economics); M.T.P (Town and Country Planning) M.P.S., (Population Studies) and Ph.D. part-time under	Associate Professor and Head of the Department (w.e.f. 19 th May, 2017)	Economics, Tourism Planning	27	-
Prof. (Dr.) Sanjukta Bhaduri	Ph.D. M. City Planning, B. Arch, AITP	Professor of Planning	Urban Planning, Environmental Planning, Disaster Management	34	-
Ms. Nilanjana Dasgupta Sur	M. Plan. (Urban Planning), AITP; IIG; M.Sc. (Geography); Ph.D.	Assistant Professor	Urban Governance, Urban Infrastructure, Information Systems, Inclusive	16	-

5. Contract Faculty profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of years of experience	Remark if any
Ms. Aditi Arora	M. Plan (Urban Planning) & B. Arch.	Assistant Professor (Contractual)	Urban Planning	6	Joined 22.07.2018
Ms. Dhriti Jade	M. Plan (Infrastructure) & B. Arch.	Assistant Professor (Contractual)	Infrastructure & Housing	4	Joined 22.07.2018
Ms. Nancy Yadav	M. Plan (Urban Planning) & B. Tech (Civil)	Assistant Professor (Contractual)	Urban Planning	1	Joined 05.11.2018

6. Details of teaching work undertaken within the Department

Name of the Faculty	Period	Semester	Subjects (Theory and Studios)	Hours/ per week
Shri M. Palaniappan	July – Dec. 2018	III	Development Finance	1
		III	Studio (Guidance)	8
		III	Studio Research Seminar	1
	January – May 2019	II	Studio (Guidance)	6
		IV	Urban Development Policies	1
		IV	Thesis (Guidance)	7
Prof. (Dr.) Sanjukta Bhaduri	July – Dec. 2018	III	Urban Risk and Disaster Management	1
		II	Sustainable Planning and Development	2
	January – May, 2019	IV	Thesis (Guidance)	7
Ms. Nilanjana Dasgupta Sur	July – Dec. 2018	III	Community Participation and Planning	2
		III	Studio (Guidance)	6
		III	Studio Research Seminar	2
	January – May,	IV	On Official Leave (CCL)	-

	2019			
Ms. Aditi Arora	July – Dec. 2018	III	Urban Design and Heritage	2
		III	Studio (Guidance)	6
January – May, 2019		III	Studio Research Seminar	2
		II	City and Metropolitan Planning	1
		II	Studio (Guidance)	8
		IV	Thesis (Guidance)	7
Ms. Dhriti Jade	July – Dec. 2018	III	Inclusive Cities	2
		III	Studio (Guidance)	6
January – May, 2019		III	Studio Research Seminar	2
		II	Infrastructure Planning	1
		II	Studio (Guidance)	8
		IV	Thesis (Guidance)	7
Ms. Nancy Yadav	July – Dec. 2018	III	Urban Development	1
		III	Management and Governance	8
January – May, 2019		III	Studio (Guidance)	8
		III	Studio Research Seminar	1
		II	City and Metropolitan Planning	1
		II	Studio (Guidance)	8
		IV	Thesis (Guidance)	7

7. Details of teaching work undertaken in other departments in the School.

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours/ week
Sh. M. Palaniappan	I Integrated Programme	Socio-Economic Base for Planning	1
		Studio (Guidance)	6
Ms. Nilanjana Dasgupta Sur	I Integrated Programme	Studio (Guidance)	6
Ms. Aditi Arora	I Integrated Programme	Studio (Guidance)	6
Ms. Dhriti Jade	I Integrated Programme	Studio (Guidance)	6
Ms. Nancy Yadav	I Integrated	Studio (Guidance)	6

	Programme		
Prof.Dr. Sanjay Gupta	II Semester	Land Use and Transport Planning	1
Dr. R. Biswas	II Semester	Infrastructure Planning	1
Ms. Aparna Ash Kanojia	II Semester	Project Planning and Management	2
Shri Sairam Dasari	II Semester	Land Use and Transport Planning	1
		Quantitative Methods and GIS Applications (Studio Course)	2

8. Details of teaching work undertaken by the visiting faculty (VF)/visiting professors (VP)/ Contract Faculty (CF)

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Total Hours/ per Week
Shri R. Srinivas	III	Urban Development Management and Governance	1
Dr. M.P. Mathur	III	Development Finance	1
Ms. Anurita Bhatnagar	II	Sustainable Planning and Development	1
	IV	Climate Resilient Urban Development	2
	IV	Thesis (Guidance)	5
Mohd. Monis Khan	II	Urban Information System and Spatial Analysis	2
Shri S.B. Khodankar	II	Studio (Guidance)	8
Shri M.P. Mathur	II	Studio (Guidance)	4
	IV	Urban Development Policies	1
Shri R. Srinivas	IV	Planning Legislation & Professional Practice	2
	IV	Thesis (Guidance)	2
Dr. Sabir Ali	IV	Thesis (Guidance)	8
Shri J.K. Kapoor	IV	Thesis (Guidance)	3
Shri K.K. Joadder	IV	Thesis (Guidance)	1
Shri S.P. Biswas	IV	Thesis (Guidance)	4
Dr. Kusum Lata	IV	Thesis (Guidance)	1
Dr. Pawan Kumar	IV	Thesis (Guidance)	3

9. Details of the studio work undertaken by the students:

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
--------------------	----------------------------------	------------------------	--------------------------------

<p>Strategic Infrastructure Plan for Coimbatore</p>	<p>The objectives were to:</p> <ul style="list-style-type: none"> • To understand the process of preparation of infrastructure plan • To study the city profile in terms of the various identified sectors • To assess the issues concerning each sector • To develop strategies for the infrastructure of the city 	<p>Various case studies were done to know the infrastructure provisions of various cities.</p>	<p>Gap analysis and issues and potentials were formulated. Proposals were made for each sector like transportation, water supply, solid waste management, energy and power and open spaces. Phasing of all the proposals were done along with the costing of projects of each sector.</p>
<p>Detailed Project Report Preparation</p>	<p>The objective were to:</p> <ul style="list-style-type: none"> • Identify projects suitable for each sector • To prepare a detailed project report 	<p>Similar projects in different parts of the country were taken up as case studies to understand the project formulation, costing and phasing phases.</p>	<p>Need of the project was identified, along with detailed proposals with itemization, costing and phasing of the entire project for each sector.</p>
<p>Bikaner</p>	<p>The objectives were to:</p> <ul style="list-style-type: none"> • To understand the process of preparation of master plan and zonal development plan • To study the city profile in terms of the various identified sectors of development 	<p>A case study of Delhi Master Plan and zonal plans was done to understand the elements and scale of city as well as zonal level data and strategies.</p>	<p>Analysis of the city with respect to all aspects led to identification of issues and potentials. Proposals were made for each zone with specific zonal level strategies.</p>

	<ul style="list-style-type: none"> ● To analyse and assess the issues concerning each sector of development. ● To develop revised Master Plan for the perspective years ● To prepare the zonal plans for various use zones with special emphasis on policy interventions and development control regulations 		
--	---	--	--

10. Details of thesis work undertaken by the final Semester students:

Roll No.	Name of the Students	Name of the Topics
SPA/NS/UP/1299	Abhijith A	Impact of IT Sector on Urban Development in Thiruvananthapuram
SPA/NS/UP/1300	Akriti Kacker	Planning Strategies for Liveable City-The Case Study of Agra
SPA/NS/UP/1301	Ananya Lia Joe	Vulnerability Assessment of Urban Poor in Kochi
SPA/NS/UP/1302	Anisha Amar	Planning for Scheme as a Tool for Greenfield Development in Ahmedabad
SPA/NS/UP/1303	Ankita Das	Planning for Urban Infrastructure in Bardhaman, West Bengal
SPA/NS/UP/1304	Ankush	Inclusive Planning for Open Spaces for Gurugram City
SPA/NS/UP/1305	Anwasha Aditi	Planning for Blue-Green Infrastructure in Patna
SPA/NS/UP/1306	Arti Kaushik	Water Sensitive Planning in Industrial Town: Faridabad

SPA/FN/UP/1307	Atiqullah Muhammadi	Wastewater Management in Delhi
SPA/NS/UP/1308	Bhalerao Jui Sanjay	Impact of Urban Flooding in Mumbai
SPA/NS/UP/1309	Chitrakshi Kumar	Planning for Safe Cities for Women: New Delhi
SPA/NS/UP/1310	Jyoti Diggall	Planning Strategies for Informal Settlements in Varanasi
SPA/NS/UP/1311	Kanika Bimrah	Carrying Capacity of Hill Town: Case Study of Nainital
SPA/NS/UP/1313	Kriti Tandon	Smart Infrastructure Planning for Fridabad
SPA/NS/UP/1314	Nadiminti Satish	Municipal E-Governance in Metropolitan Cities: Visakhapatnam
SPA/NS/UP/1315	Neelagiri Emmanuel	Implications of Land Use Regulations on Affordable Housing in Mumbai
SPA/NS/UP/1316	Nikita Sharma	Planning for Urban Greens in Lucknow
SPA/NS/UP/1317	Ojaswani Mehta	Water Resources Management in Gurugram
SPA/NS/UP/1318	Pooja Gupta	Kanpur as a Counter Magnet to Delhi
SPA/NS/UP/1319	Preksha Gupta	Regeneration of City Core Area of Jabalpur
SPA/NS/UP/1320	Priti Shukla	Land Value Capture in Transit Oriented Development: Delhi
SPA/NS/UP/1321	Rahiya V M	Planning for Sustainable Mobility in the Neighbourhoods of Kochi, Kerala
SPA/NS/UP/1322	Rajorshi Chatterjee	Impact of Development Control Regulations on Urban Built Form-Case of Kolkata
SPA/NS/UP/1323	Ria Kapoor	Planning for Child Friendly Development in Kanpur
SPA/NS/UP/1324	Rudrapriya Yadav	Planning Strategies for Sustainable Urban Mobility in Bhopal City
SPA/NS/UP/1325	Shalini	Land Information System for Sustainable Urban Land Management
SPA/NS/UP/1326	Shubham Shrivastava	Redevelopment Strategies for Industrial Brownfields in Mumbai
SPA/NS/UP/1327	Tanya Rajwal	Rejuvenation of Water Bodies in Delhi
SPA/NS/UP/1328	Tishya Ray	Sustainable Tourism Development in Coastal Settlements of West Bengal
SPA/NS/UP/1329	Tsomo Wangchuk	Planning Approach for Happy Cities: Shillong
SPA/NS/UP/1330	Viplav Sahu	Management of Heritage Precincts, Badami
SPA/NS/UP/1270	Rhythm Grover	Implications of Land Pooling Policy in Delhi

11. Details of Ph.D. Thesis Topic:

Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
2013-14 (Part Time)	Ms. Nilanjana Dasgupta Sur	Knowledge Networking and Capacity Development of Urban Local Bodies for Improved Service Delivery	Prof. Dr. Sanjukta Bhaduri, & Prof. Chetan Vaidya,	-
2016-17 (Part Time)	Ms. Mutum Chaobisana Devi	Carrying Capacity as a Determinant for Transit Oriented Development: Case Study-Delhi	Prof. Dr. Sanjukta Bhaduri	-
2017-18 (Part-Time)	Ms. Shilpa Jain	Public-Private Partnerships as a tool for Development of Heritage Precincts in Urban Areas	Prof. Dr. Sanjukta Bhaduri	-
2017-18 (Part Time)	Ms. Honey Jalali	Community Participation in Conservation of Water Bodies and their Catchments in NCT Delhi	Prof. Dr. Sanjukta Bhaduri	-
2018-19 (Part Time)	Mr. Debraj Chakraborty	Inclusive Resilience in Urban Flooding	Prof. Dr. Sanjukta Bhaduri	-
2018-19 (Part Time)	Ms. Shruti Madav Vaishampayan	Urban Redevelopment and Patterns of Gentrification in Indian Cities	Prof. Dr. Sanjukta Bhaduri	-
2018-19 (Part Time)	Mr. Sunil	Land Transformation in Peri Urban Areas Around Multi Transit Corridors	Prof. Dr. Sanjukta Bhaduri	-

12. Details of Research Projects

Name of the Project	Thrust Area	Expected Outcomes	Total Fee
Preparation of a Web Based Platform for Participation of Local Area Stakeholders in Indian Cities: Case Study – Delhi (ongoing) (Project P.I-Prof.Dr. Sanjukta Bhaduri)			28,47,111/-

Production of Courseware e-Content Development for Post- Graduate Subjects (e-PG-Pathshala) (Completed) (Project P.I-Prof.Dr. Sanjukta Bhaduri)	14,00,000/-
Production of Courseware e-Content Development for Post- Graduate Subjects MOOCs project SWAYAM, funded by MHRD (GOI). Subjects: City and Metropolitan Planning and Urban Disaster Risk Mitigation and Climate Resilient Development by Prof. Dr. Sanjukta Bhaduri (Ongoing)	13,80,000/-
Taj Trapezium Zone (TTZ Project) (Completed) Project Coordinator – Prof. Dr. Meenakshi Dhote Project Consultant (Urban Planning)– Ms. Nilanjana D Sur	-

13. Publications.

14. Faculty serving in Committees, Editorial Boards , e t c .

M. Palaniappan

Any other:

- Member of Selection Board of AITP (admission of AITP)-2018- 2019
- Jury Member of AITP Examination of Planning Portfolio at ITPI 2019
- Paper setter for Urban Sociology and Economics of Planning 2018-2019 for AITP students at ITPI, Delhi
- Paper (AITP Examination Questions Paper-2019) setter for Urban Sociology and Economics of Planning (2019)
- Observer of UGC/CTET examination conducted by CBSE at Delhi , 2019

Prof. Dr. Sanjukta Bhaduri

(a) National Committee

- Expert for one time mapping of existing faculty members, NIT, Kozhikode.
- Member of Board of Studies, Department of Architecture and Planning, Indira Gandhi Technical University for Women, Kashmere Gate, Delhi.

(b) Any other

Invited Lectures

- Examiner for Doctoral Theses in IIT Kharagpur.

Ms. Nilanjana Dasgupta Sur

Any other

- Associate Member, Institute of Town Planners, India
- Member of the Indian Institute of Geographers, India

15. Exhibitions, Seminars or workshops organized by the department.

Prof. Dr. Sanjukta Bhaduri

- Organised Delhi Design Innovation Boot Camp (DDIBC) with the collaboration of SPA-Delhi, IIT-Delhi and University of Delhi (DU) held on from Saturday, 27th to 31st October, 2018 wherein 150 students stayed for 5 days in Delhi University.
- Organised One day course on Cantonment Planning held on 29th August, 2018 in NCR, SPA, New Delhi
- Organised a Workshop cum meeting with National Institute of Urban Affairs, New Delhi organized by Design Innovation Centre (DIC), Dept. of Urban Planning held on 27th Nov, 2018
- Organised the First Council Meeting of Institution's Innovation Council (IIC) and a Half Day Workshop held on 11th of Dec, 2018 in NCR, SPA, New Delhi
- Organised DIC-Deliverable Review and Idea Sharing Meeting "All India DIC Meet – 2019" held on 11th and 12th April, 2019 at Dr. Ambedkar International Centre (DAIC), Janpath, New Delhi
- Organised Ideation Competiton- 2018 among the students was held by SPA DIC Hub on 15th April – 15th May, 2018 to concourae the participation of students
- Organised a Workshop on IPR to promote awareness about Intellectual Property on 11th Dec, 2018 at SPA, New Delhi
- Organised a "Swayam Sansitization" workstation on 3rd Oct, 2018 to guide the faculty at SPA, New Delhi about the MOOCs Project.

16. Participation in Seminars or workshops, etc.

Prof. Dr. Sanjukta Bhaduri

- Supervised International Summer School on Sustainable Energy in Cities toward a Positive Energy District in Trondheim: The Sluppen Area, Visited from 19th August to 25th August, 2018 organised by Norwegian University of Science and Technology (NTNU), Faculty of Architecture and Design, Department of Architecture and Planning, Trondheim

- Participated in an International Conference: India-Japan: Unearthing Lesser Known Linkages on 17th Nov, 2018 at India International Centre.
- Participated in a two day workshop on Strategy Building for Marketing of DICs Innovative Products from 3rd to 5th Feb, 2019 (Sunday, Monday & Tuesday) at IIT (BHU), Varanasi.
- Chaired the Interactive Session on “Built Environment: An Alternative Guide to Japan” conducted by Prof. Shunsuke Kurakata, Osaka City Univerisyt and Prof. Satoshi Hachima, Chiba Institute of Technology at the Architecture Auditorium, Japan Foundation on 16th March, 2019
- Participated on Special Lecture on ‘Climate Change & Disaster Risks’ on the 24th of April, 2019.
- Participated in First Meeting of the PGBOS, Faculty of Urban Planning & Architecture, State University of Rohtak on 1st May, 2019 (Wednesday)
- Participated in the Consultation meeting on Mainstreaming ‘Resilience’ in the National Urban Policy Framework on 27th May, 2019 at NIUA
- Participated as External Examiner for conducting the final viva-voce edamination / defense of Ph.D Candidate of Ms. Susham Gokhle, Ph.D Thesis entitled “ Developing A Framework for Assessment of Residential Property Tax Integrating Municipal Services and Facilities Case Study Bhopal” on 3rd June, 2019
- Participated in the 4th Meeting of the Steering Committee constituted of the review of the regional Plan 2021 for NCR, under the chairpersonsip of Member Secretary, NCRPB held on 04th June, 2019.
- Participated in an interactive Collaborative Workshop organized by Department of Architectural Conservation along with Department of Housing and Urban researchers from Politecnico di Torino on ‘Sustainable Livelihoods in Informal and Traditional Settlements’ on 7th June, 2019 (Friday)
- Participated as External Examiner for examination of the three PhD dissertations titled: (i) Urban Green Space Planning and management in BahirDar city, Ethiopia (ii) Impact of Urban forms on the environmental sustainability of cities: the case of Addis Ababa and (iii) Impact of land use change on economic development and environment of Gambella City, Ethiopia from 9th to 14th June, 2019
- Worked on Standardization of Smart cities for Bureau of Indian Standards Organization, GoI including preparation of Indicators for Resilient Chief under the Sustainable Development of Habitats (IS, BIS) held on 7th June, 2019.

Ms. Nilanjana Dasgupta Sur

- Participated at the NITI Aayog Temasek Foundation – Singapore Cooperation Enterprise Urban Management Programme - Workshop on Sharing of Singapore’s and International Best Practices On Urban Planning and Governance between 28 – 29 April 2018 At Vigyan Bhawan (Committee Room A, Annex), New Delhi.

- Participation at the workshop organised by AITD on Road Safety on 24 April 2018 at Vigyan Bhawan
- Participated at the Workshop on the PSlums Project on April 20, 2018, at 1pm in New Committee Room, SPA New Delhi.

17. Departmental Advisory Committee

Internal Members

- M Palaniappan
- Prof. Dr. Sanjukta Bhaduri
- Ms. Nilanjana Dasputa Sur

External Members

- Prof.Dr. Abdul Razak Mohamed
- Shri J.K. Kapoor
- Dr. P. Jayapal

18. Departmental Research Committee

Internal Members

- Prof. Dr. Sanjukta Bhaduri

External Members

- Dr. Shrawan Kumar Acharya
- Dr. Haimanti Banerji

19. Any other information

Nil

INTERNAL QUALITY ASSURANCE CELL

Faculty and Staff of the IQAC

Position Name of the faculty and staff	
Prof. Dr. P.S.N. Rao	Head, IQAC
Prof. Dr. Ashok Kumar	Coordinator, IQAC
Dr. Ashok Kumar	Library and Information Officer

Internal Quality Assurance Cell was set up in 2013. Since its establishment, the IQAC undertook two important activities. First, the Internal Quality Assurance Cell offered induction training to the newly recruited faculty at Delhi. Second, it prepared and uploaded on SPA's website and submitted application to NAAC, Bangalore for institutional accreditation. The NAAC team visited the School and accredited the School. These two activities were coordinated by Prof. Dr. Ashok Kumar.

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

- Editing and publication of the Annual Report 2017-18
- Editing of Convocation Booklets for the Guest of Honor and the Chief Guest Speech
- Mainting Foreign visits information of the faculty
- Coordination for the celebration of important events and days in the School

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

LIBRARY

Prof. Dr. Ranjana Mital
Chairperson

Narendra Singh Dhami
Library & Information Officer

Hargian Singh
Sr. Library & Information Assistant

Pramod Nabor
Library & Information Assistant

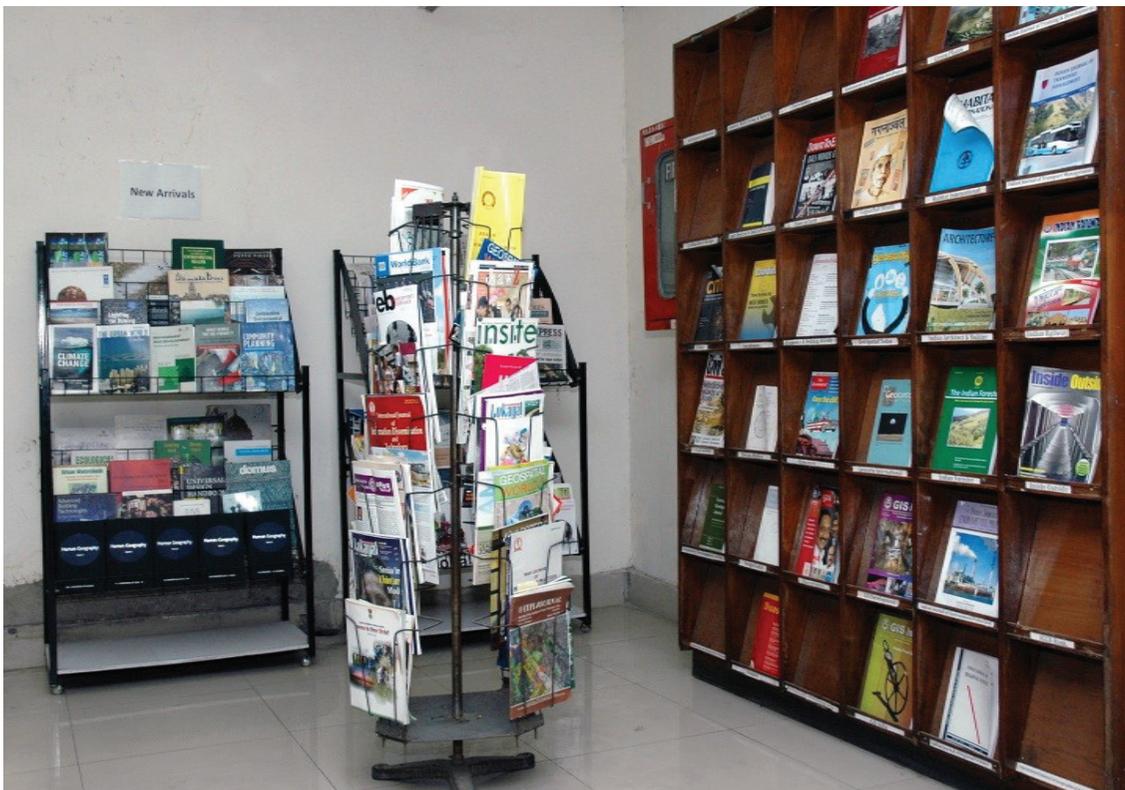
Om Prakash
Junior Library Assistant

The Library of the School continued to play an important role in the documentation and dissemination of knowledge and information in the areas of planning and architecture and allied fields. The Library of the School has been acting as a crucial resource center to meet the information needs of its users, including students, faculty, visiting faculty, research scholars, staff of the School and visitors of other institutions/universities. Library is equipped with computer and electronic facilities such as online resources to support teaching, learning and research activities of the School.

The School maintains well-stocked libraries in both Planning and Architecture campuses. Together these libraries are arguably one of the richest storehouses of books/documents in the fields of planning and architecture in the entire Asian region. During the period under report 208 books, 425 theses, 193 dissertations and 49 bound volumes of journals were added in the Library. The Library has subscription to 69 print and e-journals and JSTOR with access to more than 2065 archived e-journals. 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. OPAC (Online Public Access Catalogue) 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. Library providing single bar-coded 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 are available in both the libraries of the School.



DOCUMENTATION CUM PUBLICATION UNIT

Name and Designation of the Staff

Dr. Ashok Kumar
Library and Information Officer

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. In addition to the printing of stationery items for Examination Section and Store, Purchase and Maintenance Section, during the period 2018-19, DPU also brought out publications during the 2018-2019 as stated below:

- Annual Report 2017-18 (English 200 copies)
- Annual Report 2017-18 (Hindi 150 copies)
- SPACE Journal Vol. 21, No. 1-2, (Jan-June –2017) – 500 copies
- Thirty Fifth Convocation (Friday, July 20, 2018) and Thirty Sixth Convocation (Thursday, November 1, 2018 and) Booklet/Guest of Honor/Chief Guest Speech (700 copies of each)
- Printing of various posters
- Foundation Day Invitation Cards and Convocation Invitation Cards,
- Printing of office stationery
- Printing of examination stationary
- Printing of visiting cards, ID cards and parking stickers

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.

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-17th October, 1986.
Centre for Remote Sensing-29th July, 1999.
Centre for Geographical Information System- 21st January, 2003.

3. Faculty profile :

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks if any
Prof. Dr. Rabidyuti Biswas	B.E. (Civil) Master of Regional Planning (IIT KGP), Ph.D. (IIT Roorkee)	Professor of Physical Planning, Head CASS/GIS/RS	Regional Planning, Infrastructure Planning and Management	26	NA

4. Details of teaching work undertaken by the visiting professors, etc. in the Centre:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per week
Mr. Jai Ghildiyal	1 st year 2 nd Sem (HSG).	Computer and its Applications	2
Dr. Manish Kumar	1 st year 1 st Sem (Architecture Conservation)	GIS Basic Theory	1
Dr. Manish Kumar	1 st Year 2 nd Sem (Architecture Conservation)	GIS Advance Theory	1
Dr. Manish Kumar	1 st Year 2 nd Sem (Urban Planning)	Quantitative methods and GIS Applications	1

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

Workshops

- Workshops on (igis) software for the academic purpose on 11th October 2018
- Workshops on Anti Plagiarism Software (CFP) on 5th September 2018
- Workshops on 3D Civil & Network Analysis Software on 12th September 2018
- Workshop on Archicad BIM Software (Graphisoft) on 13th March 2019

Demonstrations

- Demonstration on Interactive touch Screen Smart Board Display on 20th February 2019

6. Any other information

(a) Managing the service related to administration

- Maintaining and managing complete Biometric based attendance system.
- Managing and maintaining SPA web-site.
- 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.

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

- Displaying Circulars, Question Paper, Results, Academic Information, School Act, Minutes AC & EC, Power and Function for various Officers, Annual Report, Academic Syllabus 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.

(d) 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)

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

Internet facilities for staff and students	Total number of Classrooms	Classrooms with ICT facility	Students Laboratories	Research Laboratories
1. CASS 25 LAN Points 2. GIS Lab 23 LAN Points	One One	Use of Projector with Smart Interactive Board	One GIS Lab	One for CASS

Hardware	Company/Model		
1. Computer	HP, Apple		
2. Printers/Scanners/ Plotters	HP, Canon		
3. Wi-Fi Controller	Cisco 2504WLC		
4. Switches	D-Link, Cisco		
5. Wi-Fi	D-Link		
6. Web Filtering Device	Cyberoam 300ing		
7. Server	HP, APPLE		
Software	Name	Company/ Model	Other detail
1. ArcGIS 10.1 2. ArcView 10.1 3. ArcInfo 10.1 4. ERDAS 5. AutoDesk 2019 6. Win 2008 Server (32 & 64 Bit) 7. MS Office 2007 8. MS Office 2010 9. Final Cut Studio 10. Apple iwork 09 11. Mac Office 2008 Student Edition 12. File Maker pro Server 13. Windows 7 Ultimate 14. Mac OS 10 Server 15. Macfee Anti-virus		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

AUTHORITIES OF THE SCHOOL

The authorities of the School as per the School of Planning and Architecture, Act 2014, to establish and declare School of Planning and Architecture as Institution of National Importance in order to promote education and research in architectural studies including planning and human settlements

1. SPA Council with the Chairpersonship (ex-officio) of Minister In-Charge of the MHRD.
2. Board of Governors with the Chairperson appointed by the Visitor.
3. Senate with the Chairman, Director of the School
4. Finance Committee with the Chairperson, Board of Governors of the School
5. Building and Works Committee with the Chairman, Director of the School
6. Such other authorities, as may be declared
7. The powers and functions of these Bodies are laid down in the SPA, Act 2014 and SPA Statutes, 2016.
8. During the year under report (1 April 2018 to 31 March 2019), following meetings were held:-

(i)	SPA Council	---
(ii)	Board of Governors	2 Meetings
(iii)	Senate	1 Meeting
(iv)	Finance Committee	3 Meetings
(v)	Building and Works Committee	1 Meeting

SPA, COUNCIL

33 (2)	(a)	The Minister in charge of the Ministry or Department of the Central Government having administrative control of the technical education, ex officio; as Chairperson;	Chairperson, ex officio;
	(b)	Two Members of the Parliament of India (one Member to be nominated by the Speaker of Lok Sabha and one member to be nominated by the Chairman of Rajya Sabha), es officio;	Shri Bhagwanth Khuba, Member of Parliament (Lok Sabha) [Nominated by the Speaker of Lok Sabha]
			Shri G.V.L.Narasimha Rao, Member of Parliament (Rajya Sabha) [Nominated by the Chairman of Rajya Sabha]
	(c)	The Secretary to the Government of India in charge of the Ministry or Department of the Central Government having administrative control of the technical education, ex officio, as Vice-Chairperson;	Vice-Chairperson, ex officio;
	(d)	The Chairperson of every Board, ex officio;	Member, ex officio;
	(e)	The Director of every School, ex officio;	Member, ex officio;
	(f)	The Chairman, University Grant Commission, ex officio;	Member, ex officio;
	(g)	The President, Council of Architecture, New Delhi, ex officio;	Member, ex officio;
	(h)	The President, Institute of Town Planners, India, ex officio;	Member, ex officio;
	(i)	The Chairman, Indian Institute of Architects, ex officio;	Member, ex officio;
	(j)	The President, Institution of Surveyors of India, ex officio;	Member, ex officio;
(k)	Two Secretaries to the Government of India	Member, ex officio;	

	to represent the Ministries or Departments of the Central Government dealing with Urban Development and Defence, ex officio;	
(l)	The Chairman, All India Council for Technical Education, ex officio;	Member, ex officio;
(m)	Three persons to be nominated by the Visitor, at least one of whom shall be a woman, having special knowledge or practical experience in respect of Architecture or Landscape Architecture or Urban Design and one from Urban and Regional Planning, ex officio;	Ar. Prakash S. Deshmukh, former National President, Indian Institute of Architects, Mumbai [Nominated by the Visitor].
		Prof. N. Kavita Daryani Rao, Vice-Chancellor, Jawaharlal Nehru Architecture and Fine Arts University, Hyderabad [Nominated by the Visitor].
		Prof. (Ar.) S. V. Sahashabudhe, Former Head of Department, Department of Architecture and Planning, Maulana Azad National Institute of Technology (MANIT), Bhopal [Nominated by the Visitor].
(n)	Two Secretaries to the State Government, from amongst the Ministries or Departments of that Government dealing with technical education where the Schools are located, ex officio;	Secretary, Deptt. of Technical Education, Govt. of Andhra Pradesh
		Secretary, Deptt. of TTE, Govt. of NCT of Delhi, Member, ex officio
(o)	Financial Advisor, dealing with the Ministry of Human Resource Development, Department of the Central Government, ex officio; and	Member, ex officio;
(p)	One officer not below the rank of Joint Secretary to the Government of India in the Ministry or Department of the Central Government having administrative control of the Technical Education, ex officio; as Member Secretary.	Member-Secretary, ex officio;

BOARD OF GOVERNORS

13 (2)	(a)	Chairman to be appointed by the Visitor from among a panel of three names recommended by Central Government who shall be an eminent Architect or Planner;	Dr. Amogh Kumar Gupta 15, Amaltas Phase-I, Chuna Bhatti, Bhopal-462016
	(b)	Principal Secretary or Secretary Technical Education or Higher Education of the respective State Government or Union territory in which the School is situated;	Smt. Punya Salila Srivastava Secretary, Training & Technical Education, Govt. of NCT, Muni Mayaram Marg, Delhi-110088 Shri Devinder Singh Secretary, Training & Technical Education, Govt. of NCT, Muni Mayaram Marg, Delhi-110088 w.e.f: 05/10/2018 Shri Sheo Pratap Singh Secretary, Training & Technical Education, Govt. of NCT, Muni Mayaram Marg, Delhi-110088 w.e.f: 05/02/2019
	(c)	One representative from Institute of Town Planners, India to be nominated by the President of the Institute of Town Planners, India;	Prof. Dr. D. S. Meshram President Institute of Town Planners New Delhi-110002
	(d)	One representative from Council of Architecture to be nominated by the President of the Council of Architecture.	Ar. Biswaranjan Nayak President, Council of Architecture India Habitat Centre, Core 6A, 1st Floor Lodhi Road, New Delhi-110003 Ar. Gajanand Ram Town Planner, Urban Development Department, Government of Jharkhand, Ranchi Pincode-834009 w.e.f: 28/11/2018
	(e)	a representative from the All India Council for Technical Education to be nominated by the Chairman of All India Council of Technical Education;	Prof. Dr. Subrata Chattopadhyay Professor and Head of Architecture and Regional Planning Department IIT, Kharagpur-721302

	(f) a representative of the University Grants Commission;	<p>Prof. Vir Singh Department of Physics, IIT, Roorkee</p> <p>Prof. Dr. Rane Maria Leonie Vedamuthu Dean School of Architecture and Planning Anna University, Chennai – 600025 w.e.f: 19/12/2018</p>
	(g) One expert from the professions of architecture or landscape architecture or urban design and one from Urban and Regional Planning nominated by the Council of School of Planning and Architecture;	Yet to receive nomination
	(h) Two representatives from Senate; one each from Department of Planning & Department of Architecture, by rotation, for a period of two years, in order of Seniority;	<p>Prof. Dr. Mandeep Singh Professor of Architecture,</p> <p>Prof. Dr. Mahavir Dean (Academics) & Professor of Planning</p>
	(i) two persons not below the rank of Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance or their nominee, ex officio;	<p><u>Technical Education</u></p> <p>Dr. Sukhbir Singh Sandhu Additional Secretary (TE) MHRD, DHE, GOI, Shastri Bhawan, New Delhi</p> <p>Shri Madhu Ranjan Kumar JS (DL & Admin.) MHRD, DHE, GOI, Shastri Bhawan, New Delhi w.e.f. 08/02/2019</p> <p><u>Finance</u></p> <p>Ms. Darshana M. Dabral, Joint Secretary & Financial Advisor MHRD, DHE, GOI, Shastri Bhawan, New Delhi</p>

	(j) One person not below the rank of Joint Secretary to the Government of India to be nominated by the Government of India, Ministry of Urban Development;	<p>Dr. Sameer Sharma Addl. Secretary (Smart Cities) Ministry of Urban Development New Delhi- 110011</p> <p>Shri Shiv Das Meena Additional Secretary (AMRUT) Ministry of Housing & Urban Affairs New Delhi- 110011 w.e.f: 06/06/2018</p>
	(k) The Director of the School, Member, ex-officio;	<p>Prof. Dr. P. S. N. Rao Director</p>
	(l) The Registrar of the School shall act as a Secretary to the Board	<p>Prof. Dr. Sanjay Gupta Registrar (In-Charge) – Secretary</p> <p>Shri Umakant Agarwal Registrar- Secretary w.e.f 20/09/2018 (AN)</p>

SENATE

16 (1)	(a)	The Director of the School, Chairman of the Senate	Prof. Dr. P. S. N. Rao Director
	(b)	Five persons, from amongst the educationists of repute or eminent professional, who are not in the service of the School, nominated by the Chairperson of the Board of Governors.	Prof. Dr. Raneer Maria Leonie Vedaumuthu Dean, School of Architecture and Planning Anna University, Chennai – 600025
			Prof. B. K. Sengupta CA-127, Salt Lake City, Sector -1, Kolkata -700064 West Bengal
			Prof. Alok Ranjan Dept. of Architecture, MNIT, Jaipur, Rajasthan-302017
			Prof. Rajiv Mishra Principal, Sir J.J. College of Architecture, 78/3, Dr. D. N. Road, Mumbai- 400001
			Prof. Dr. Yogesh Garg Department of Architecture & Planning, MANIT, Bhopal-462016
(c)	a nominee of the Institute of Town Planners, India	Prof. Dr. Najammuddin Institute of Town Planners, New Delhi-110002	
(d)	a nominee of the Council of Architects	Ar. Soumyendu Shankar Ray M/s Vastukar Architects, 2855, Nageswar Tangi, Bhubaneswar- 751002	
(e)	A nominee of All India Council for Technical Education	Ar. Ashutosh Kr. Agarwal Architect-Urban Designer, 201-222 (2 nd Floor), A-2 Acharya Niketan, Mayur Vihar Phase -1, New Delhi-110091	
(f)	Dean in charge of academic, research, students affairs, faculty welfare and planning and development of the School.	Prof. Dr. Mahavir Dean (Academic) Prof. Dr. Priyaleen Singh Dean (Faculty Welfare) Prof. Dr. Vinay Maitri Dean (Students Affairs) Prof. Dr. Sanjukta Bhaduri	

		Dean (Research) Prof. Dr. V. K. Paul Dean (Planning & Development)
(g)	All the Heads of the Departments	<p>Ms. Anuradha Chaturvedi Head of the Deptt of Landscape Architecture (Addl. Charge)</p> <p>Prof. Dr. Meenakshi Dhote Head of the Dept. of Landscape Architecture w.e.f. 01/07/2018</p> <p>Ms. Anuradha Chaturvedi Head of the Deptt of Landscape Architecture w.e.f. 01/01/2019</p>
		<p>Prof. Dr. Mayank Mathur Head of the Dept. of Housing</p> <p>Prof. Dr. Ashok Kumar Head of the Deptt. of Housing w.e.f. 01/07/2018</p> <p>Prof. Dr. P.S.N.Rao Head of the Deptt. of Housing w.e.f. 01/01/2019</p>
		<p>Prof. Manoj Mathur Head of the Dept. of Architecture</p> <p>Prof. Dr. Mandeep Singh Head of the Dept. of Architecture w.e.f. 01/06/2018</p>
		<p>Prof. Dr. Sanjay Gupta Head of the Dept. of Transport Planning</p>
		<p>Prof. Dr. Meenakshi Dhote Head of the Dept. of Environmental Planning</p> <p>Ms. Anuradha Chaturvedi Head of the Dept. of Environmental Planning w.e.f. 01/07/2018</p> <p>Prof. Dr. Meenakshi Dhote Head of the Dept. of Environmental Planning w.e.f. 01/01/2019</p>

		<p>Prof. Dr. Jaya Kumar Head of the Deptt. Building Engg. & Management</p> <p>Prof. Dr. Anil Dewan Head of the Deptt. Building Engg. & Management w.e.f. 01/07/2018</p> <p>Prof. Dr. Jaya Kumar Head of the Deptt. Building Engg. & Management w.e.f. 01/01/2019</p>
		<p>Prof. Dr. Poonam Prakash Head of the Deptt. of Physical Planning</p>
		<p>Prof. Dr. Vinita Yadav Head of the Deptt. of Regional Planning</p>
		<p>Ms. Anuradha Chaturvedi Head of the Deptt. of Arch.Conservation</p>
		<p>Shri M. Palaniappan Head of the Deptt. of Urban Planning,</p>
		<p>Shri Arunava Dasgupta Head of the Deptt. of Urban Design</p>
		<p>Shri Parag Anand Meshram Head of the Deptt of Industrial Design</p>
	(h)	<p>All Professors other than the Heads of the Departments</p>
		<p>Prof. Dr. Mandeep Singh Professor of Architecture</p>
		<p>Prof.Y. K. Jain Professor of Civil Engineering Department of Architecture</p>
		<p>Prof. Dr. Ashok Kumar Professor of Physical Planning</p>
		<p>Prof.Manoj Mathur Professor of Architecture</p>
		<p>Prof. Dr. P.S.N.Rao Professor of Housing</p>
		<p>Prof. Dr. Aruna Ramani Grover Professor of Architecture</p>

			Prof. Dr. Anil Dewan Professor of Architecture
			Prof. Dr. Jaya Kumar Professor of Architecture
			Prof. Dr. Ranjana Mittal Professor of Architecture
			Prof. Dr. Mayank Mathur Professor of Physical Planning
			Prof. Dr. R. Biswas Professor of Physical Planning
			Prof. Dr. Sewa Ram Professor of Transport Planning
	(i)	Four Members of the teaching staff, representing Associate Professors and the Assistant Professor of the School, by rotation, for a period of two years.	Dr. P. Rajaprakash Assistant Professor of Architecture
			Shri S. K. Aaditya Assistant Professor of Architecture
			Ms. Kritiy Gera Assistant Professor of Industrial Design
			Shri Prabhjot Singh Sugga Assistant Professor of Architecture w.e.f.: 07/09/2018
			Ms. Parul Kiri Roy Assistant Professor of Architecture
		Registrar, ex-officio Secretary	Prof. Dr. Sanjay Gupta Registrar (In-Charge) – Secretary
			Shri Umakant Agarwal Registrar- Secretary w.e.f 20/09/2018 (AN)

FINANCE COMMITTEE

10 (1)	(i)	The Chairperson, Board of Governors, ex-officio Chairperson;	Dr. Amogh Kumar Gupta Chairperson-FC 15, Amaltas Phase-I, Chuna Bhatti, Bhopal-462016
	(ii)	The Director, ex-officio member;	Prof. Dr. P. S. N. Rao Director
	(iii)	Joint Secretary, dealing with School of Planning and Architecture in the Ministry of Human Resource Development, or his nominee;	Dr. Sukhbir Singh Sandhu Additional Secretary (TE) MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 Shri Madhu Ranjan Kumar JS (DL & Admin.) MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 w.e.f. 08/02/2019
	(iv)	Joint Secretary and Financial Advisor in the Ministry of Human Resource Development, or his nominee;	Ms. Darshana M. Dabral, Joint Secretary & Financial Advisor MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001
	(v)	Two persons nominated by the Board from amongst its members, till they remain members of the Board; and	Dr. D. S. Meshram President Institute of Town Planners, New Delhi-110002
			Prof. Dr. Rane Maria Leonie Vedaumuthu Dean School of Architecture and Planning Anna University, Chennai – 600025
	(vi)	the Registrar, ex-officio Secretary;	Prof. Dr. Sanjay Gupta Registrar(In-Charge)–Secretary Shri Umakant Agarwal Registrar-Secretary w.e.f 20/09/2018 (AN)

BUILDING AND WORKS COMMITTEE

12 (1)	(i)	the Director, ex-officio Chairperson;	Prof. Dr. P. S. N. Rao Director
	(ii)	One member nominated by the Central Government not below the rank of Director or Deputy Secretary in the Ministry of Human Resource Development dealing with the Schools of Planning and Architecture;	Dr. B. K. Bhadri Assistant Educational Adviser (DL) MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 Shri P.Sasikumar Deputy Secretary MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 w.e.f. 07/06/2018 Shri Prashant Agarwal Director MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 w.e.f. 24/09/2018 Shri P.Sasikumar Deputy Secretary MHRD, DHE, GOI, Shastri Bhawan, New Delhi-110001 w.e.f. 31/12/2018
	(iii)	One member nominated by the Board of Governors;	Prof. Dr. Nitin Dindorkar Deptt. of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal-462016
	(iv)	Dean, Planning and Development or Similar position;	Prof. Dr. V. K. Paul Dean, Planning & Development
	(v)	One expert each from the Civil and Electrical Engineering Wing of Central or State Government or any autonomous body of repute; and	Shri R. S. Rao CPWD, Office of Superintending Engineer (Civil), Delhi Central Circle V, East Block-IV, Level-IV, R.K.Puram, New Delhi-110066 Shri B. R. Pasi CPWD (Electrical), East Block-III, Level-VII, R.K.Puram, New Delhi-110066
	(vi)	Registrar ex officio Secretary	Prof. Dr. Sanjay Gupta Registrar(In-Charge –Secretary) Shri Umakant Agarwal Registrar-Secretary w.e.f 20/09/2018 (AN)

SCHOOL OF PLANNING AND ARCHITECTURE

ANNUAL ACCOUNTS

2018-19

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1A	143,24,510	1,24,31,887
RESERVES/SURPLUS	1B	(2,19,59,459)	(6,90,29,181)
DESIGNATED/ EARMARKED/ ENDOWMENT FUNDS	2	25,78,08,313	21,83,01,807
CURRENT LIABILITIES AND PROVISIONS	3	20,15,78,494	18,06,47,650
TOTAL		45,17,51,857	34,23,52,163

APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
ASSETS			
FIXED ASSETS			
Tangible Assets	4A	12,58,45,701	12,44,26,590
Capital Work in Progress	4B	1,30,02,423	1,20,02,423
INVESTMENTS-FROM EARMARKED/ ENDOWMENT FUNDS	5	2,34,76,017	1,46,85,120
INVESTMENTS-OTHERS	6	-	1,20,00,000
CURRENT ASSETS	7	23,51,28,649	12,82,86,191
LOANS, ADVANCES AND DEPOSITS	8	54,2,99,068	5,09,51,839
TOTAL		45,17,51,857	34,23,52,163

SIGNIFICANT ACCOUNTING POLICIES
CONTINGENT LIABILITIES AND NOTES TO
ACCOUNTS

19
20

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
CA. RAJAT DAGA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

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

PLACE: NEW DELHI
DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31-03-2019

(Amount Rs.)

INCOME	Schedules	Current Year	Previous Year
ACADEMIC RECEIPTS	9	8,70,49,978	6,30,43,312
GRANTS/SUBSIDIES RECEIVED	10	49,37,50,000	37,04,00,000
INTEREST EARNED	11	19,14,074	76,42,908
OTHER INCOME	12	1,57,07,818	1,55,46,315
TOTAL (A)		59,84,21,870	45,66,32,535
EXPENDITURE			
STAFF PAYMENTS AND BENEFITS	13	37,53,49,764	30,58,36,229
ACADEMIC EXPENSES	14	4,49,70,266	3,38,07,123
ADMINISTRATIVE AND GENERAL EXPENSES	15	11,40,36,635	10,67,37,907
TRANSPORTATION EXPENSES	16	3,21,400	3,31,534
REPAIR & MAINTENANCE EXPENSES	17	82,66,512	1,55,57,052
OTHER EXPENSES	18	84,07,571	81,00,762
TOTAL (B)		55,13,52,148	47,03,70,607
BALANCE BEING EXCESS OF EXPENDITURE OF INCOME (A-B)		4,70,69,722	1,37,38,072)
TRANSFER TO SPECIAL RESERVE (SPECIFY EACH)		-	-
TRANSFER TO /FROM GENERAL RESERVE		-	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO RESERVES AND SURPLUS		4,70,69,722	(1,37,38,072)
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/-
CA. RAJAT DAGA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

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

PLACE: NEW DELHI

DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

SCHEDULE 1 - CORPUS/CAPITAL FUND		
A) Corpus Fund	Current Year	Previous Year
Balance as at the beginning of the year	1,24,31,887	99,34,305
Add: Contributions towards Corpus Fund		
Transfer from Consultancy Fund	12,48,396	14,90,828
Transfer from DASA Fees	6,44,227	10,06,754
Total A	1,43,24,510	1,24,31,887
B) Reserves and Surplus	Current Year	Previous Year
Balance as at the beginning of the year	(6,90,29,181)	(5,52,91,109)
Add: Excess of Income over expenditure		
Transferred from the Income & Expenditure Account	4,70,69,722	(1,37,38,072)
Total B	(2,19,59,459)	(690,29,181)

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

	Fund Wise Breakup		Total	
	Fixed Asset & Building Fund	Endowment Fund (Schedule-2A)	Current Year	Previous Year
SCHEDULE 2 - DESIGNATED / EARMARKED / ENDOWMENT FUNDS				
A				
a) Opening balance of the funds	21,73,88,468	9,13,339	21,83,01,807	21,51,13,199
b) Additions during the year:				
1) Income from Investments made on account of funds	-	58,180	58,180	66,267
2) Accrued Interest on Investment/Advances	-	-	-	-
3) Interest on Saving Bank A/c	-	-	-	-
4) Addition of New Fund				
i) Gifted Capital	-	2,65,000	2,65,000	-
ii) Capital Expenditure - Non Recurring	5,00,00,000	-	5,00,00,000	1,00,00,000
	26,73,88,468	12,36,519	26,86,24,987	22,51,79,466
B				
Utilisation/Expenditure towards objectives of funds				
i. Capital Expenditure- depreciation	1,07,39,474	-	1,07,39,474	68,77,659
ii. Revenue Expenditure	-	77,200	77,200	-
Total (B)	1,07,39,474	77,200	1,08,16,674	68,77,659
Closing Balance at the year end (A - B)	25,66,48,994	11,59,319	25,78,08,313	21,83,01,807

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

SCHEDULE 2A. ENDOWMENT FUNDS		Addition during the year			Expenditure on the object during the year	Closing Balance
		Opening Balance of Endowment with Interest	Amount Received	Interest		
S.No.	Name of the Endowment					(Amount Rs.)
1	Shreya Anand Gold Medal A/c.	97,265	-	8,316	16,000	89,581
2	Nomi Bose Endowment	(7,308)	-	291	(7,017)	(7,017)
3	Prof. S.K. Narayana Gold Medal	1,06,306	-	8,316	1,14,622	1,14,622
4	Ved Prakash Saini Memorial Award	1,889	-	998	900	1,987
5	Subash Paranjape Mamorial Award	26,249	-	731	26,980	26,980
6	Krishna Saini Gold Medal	40,966	-	2,443	43,409	43,409
7	Prof. C.M. Master Memorial Award	(71)	-	-	(71)	(71)
8	Narendra Juneja Memorial Award	1,42,761	-	6,653	1,49,414	1,49,414
9	Setur Ananamma Award	2,056	-	-	2,056	2,056
10	Prof. T.J. Manickam Memorial Award	(64,723)	-	4,990	(59,733)	(59,733)
11	L.R. Vagle	74,628	-	4,158	78,786	78,786
12	Vandana Goel Gold Medal Fund	1,46,010	-	3,327	1,49,337	1,41,237
13	M.R. Aghihotri Fund	24,817	-	1,663	26,480	23,280
14	N.S. Saini Gold Medal	1,04,127	-	-	1,04,127	1,04,127
15	J.K. Chaudhary Fund Trust	2,18,367	-	16,294	2,34,661	2,00,661
16	Abhijit De Design Award	-	2,65,000	-	2,65,000	2,50,000
	Total	9,13,339	2,65,000	58,180	12,36,519	11,59,319

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019**

SCHEDULE 3(a) SPONSORED PROJECTS

S. No.	Name of the Project	Opening Balance		Receipts/Recoveries during the year	Total	Expenditure during the year	Closing Balance	
		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	8,64,932	-	20,34,065	28,98,997	17,63,482	11,35,515	-
(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	-	11,065	5,47,146	547,146	2,84,281	2,51,800	-
9	Ministry of Home Affairs							
(a)	National Programme for Capacity Bldg. Arch. In Earthquake Risk Mgmt. Board Guidelines on principles of Zoo Designing	12,26,813	-	-	12,26,813	-	12,26,813	-
10	SJSRY Grant	-	54,600	4,97,000	4,42,400	4,42,400	-	52,505
11	M/UD - Alter.Approches to Master Plan	-	187	-	187	-	187	-
12	Fire Safety in Environment Project	1,00,000	-	-	1,00,000	-	1,00,000	-
13	Ministry of Social Welfare	1,70,603	-	-	1,70,603	-	1,70,603	-
14								

15	Chance 2 sustain	23,48,805	-	-	-	-	-	-	-
16	DIC DU Project	-	10,900	-	-	23	-	23,48,805	-
17	Kalpa & Sangla Project	57,616	-	-	-	-	-	(10,900)	57,616
18	Rajiv Avas Yojna	3,96,503	-	-	-	-	-	57,616	3,96,503
19	Curaj Design Project (Rajasthan University)	50,000	-	-	-	-	-	3,96,503	50,000
20	Bharmour Chamba Distt. Project	4,44,060	-	-	4,44,060	-	-	50,000	4,44,060
21	I.U.S.F.B.	1,33,732	-	-	-	-	-	1,33,732	-
22	N.R.C. Project	-	1,80,143	-	-	-	-	(1,80,143)	-
23	HUDCO	2,117	-	18,061	-	20,178	-	20,178	-
24	SINP Project	2,52,754	-	-	-	3,60,000	-	2,52,754	-
25	GIZ project	-	39,052	-	-	-	-	-	-
(a)	GIZ Project FA 1	-	-	-	-	-	-	-	-
26	MHRD Space Audit	10,69,221	-	-	-	-	-	-	-
27	Clamitrance	-	-	13,36,888	-	9,98,411	-	14,07,698	-
28	Slum Developers	-	38,040	2,36,446	-	1,95,034	-	3,372	-
29	SPA DIC MHRD Project	85,66,523	-	1,04,85,197	-	1,16,92,389	-	73,59,331	-
30	I.C.H.R Project	174	-	-	-	-	-	174	-
31	Rajasthan Rurban Project	15,93,666	-	-	-	13,96,859	-	1,96,807	-
32	Kerala Rurban Project	3,59,251	-	-	-	-	-	3,59,251	-
33	RICS Research Trust Project	-	23,636	1,27,614	-	27,985	-	75,993	-
34	E Pathshala Project	-	-	-	-	-	-	-	-
(a)	E Pathshala Project (Urban Design)	7,00,000	-	-	-	-	-	7,00,000	-
(b)	E Pathshala Project (Planning)	28,62,937	-	19,476	-	28,77,413	-	5,000	-
35	BMTPC Project	10,000	-	-	-	-	-	10,000	-
36	GIAN Project	11,84,650	-	-	-	-	-	11,84,650	-
37	NTPC Project	43,785	-	7,72,380	-	4,27,594	-	3,88,571	-
38	AIIMS Project	4,00,000	-	-	-	-	-	4,00,000	-
39	ICSSR India Project	-	-	18,67,904	-	15,86,312	-	2,81,592	-
40	INDO HCM Project	-	-	1,10,861	-	1,10,861	-	-	-
41	Green Campus Project	-	-	-	-	2,000	-	-	2,000
42	MOOC's Project	-	-	13,80,000	-	3,32,375	-	10,47,625	-
43	SAFAR Delhi 2018	-	-	26,56,800	-	26,48,570	-	8,230	-
44	UKIERI Project	-	-	12,68,853	-	7,46,853	-	5,22,000	-
TOTAL		2,33,27,908	8,54,001	2,38,41,803	4,63,15,711	2,59,13,020	2,07,55,508	3,52,817	3,52,817

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

SCHEDULE 4 - FIXED ASSETS		GROSS BLOCK				DEPRECIATION				NET BLOCK		
S. No	DESCRIPTION	Rate of Dep.	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	-	-	-	-	20,19,70,98	2,01,97,098
	Total (a)		2,01,97,098			2,01,97,098					2,01,97,098	
b	Building											
1	Planning	2%	5,48,29,547	19,29,416	-	5,67,58,963	1,56,24,590	11,35,179	-	1,67,59,769	3,99,99,194	3,92,04,957
2	Architecture	2%	2,91,70,247	3,92,594	-	2,95,62,831	64,35,715	5,91,257	-	70,26,972	2,25,36,859	2,27,34,532
3	M.B. Complex	2%	5,97,12,857	36,57,430	-	6,33,70,287	2,57,74,903	12,67,406	-	2,70,42,309	3,63,27,978	3,39,37,954
	Total (b)		14,37,12,651	59,79,430		14,96,92,081	4,78,35,208	29,33,842		5,08,29,050	9,88,63,031	9,58,77,443
c	Fixed Assets											
1	Office Equipment	7.5%	5,15,44,175	23,84,174	-	5,39,28,349	5,06,94,517	10,28,471	-	5,17,22,988	22,05,361	8,49,658
2	Computer Peripherals	20%	12,23,98,758	15,43,224	-	12,39,41,982	12,08,72,080	18,35,323	-	12,27,07,403	12,34,579	15,26,878
3	Furniture/Fixture/Fitting	7.5%	3,19,40,741	2,83,417	-	3,22,24,158	2,86,76,022	24,16,812	-	3,10,92,834	11,31,324	32,64,719
4	Vehicles	10%	27,17,807	-	-	27,17,807	20,68,164	2,71,781	-	23,39,945	3,77,862	6,49,643
5	Library Books&journals	10%	5,27,13,628	19,30,826	-	5,46,44,454	5,07,32,324	21,74,387	-	5,29,06,711	17,37,744	19,81,304
6	Gifted Books Of Journals	10%	1,33,098	12,938	-	1,46,036	63,843	14,604	-	78,446	67,590	69,255
7	Consulancy Fixed Asset	10%	17,986	24,576	-	42,562	7,195	4,256	-	11,451	31,111	10,791
	Total (c)		26,14,66,193	61,79,155		26,76,45,348	25,31,14,144	77,45,633		26,08,59,777	67,85,571	83,52,049
	Grand Total (a+b+c)		42,53,75,942	1,21,58,585		43,75,34,527	30,09,49,352	1,07,39,474		31,16,88,827	12,58,45,701	12,44,26,590
B	CAPITAL WORK IN PROGRESS											
	Development of Vasant Kurij (W.I.P.)	0%	1,20,02,423	10,00,000	-	1,30,02,423	-	-	-	-	1,30,02,423	1,20,02,423
	Total (B)		1,20,02,423	10,00,000		1,30,02,423					1,30,02,423	1,20,02,423
	Grand Total (A+B)		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
	Previous Year		42,87,32,058	86,46,307		43,73,78,365	29,40,71,693	68,77,659		30,09,49,352	13,64,29,013	13,46,60,365

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

	(Amount Rs.)			
	FUND-WISE BREAK UP			Previous Year Total
	Endowment Fund	Current Year Consultancy Fund	Total	
SCHEDULE 5 - INVESTMENTS FROM ENDOWMENT FUNDS				
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	12,39,792	2,22,36,225	1,46,85,120
	TOTAL	12,39,792	2,22,36,225	1,46,85,120

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

		(Amount Rs.)		
		School	Current Year	Previous Year
		School	Consultancy Fund	Total
SCHEDULE 6 - INVESTMENTS - OTHERS				
1	In Central Government Securities	-	-	-
2	In State Government Securities	-	-	-
3	Other approved Securities	-	-	-
4	Shares	-	-	-
5	Debentures and Bonds	-	-	-
6	Investments - Others	-	-	1,20,00,000
Total		-	-	1,20,00,000

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

SCHEDULE 7 CURRENT ASSETS	Current Year		Previous Year Total
	School	Consultancy Fund	
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			
Imprest	73,485	-	63,040
Cash Balance in hand	25,356	-	-
Bank Balances:			
a) With Scheduled Banks:			
-Saving Accounts	17,94,52,664	2,59,88,675	12,24,46,945
-Foreign Currency Account	2,95,88,469	-	57,28,711
b) With non-scheduled Banks:			
-On Deposit Accounts	-	-	-
-On Saving Accounts	-	-	-
5. Post Office-Savings Accounts			
-Postage in Hand	-	-	47,495
TOTAL	20,91,39,974	2,59,88,675	12,82,86,191

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2019

(Amount Rs.)

SCHEDULE 8 LOANS, ADVANCES AND DEPOSITS	Current Year			Previous Year
	School	Consultancy Fund	Total	Total
1. Advances to Employees : (Non Interest Bearing)				
a) Salary	-	-	-	-
b) Festival	2,03,636	-	2,03,636	2,03,636
c) Bicycle Advance	67,800	-	67,800	67,800
2. Long Term Advances to Employees : (Interest Bearing)				
a) Vehicle Loan	54,750	-	54,750	1,59,750
b) Home Loan	2,77,480	-	2,77,480	3,35,920
c) Others				
Computer Advance	1,27,820	-	1,27,820	53,820
Conveyance Advance	1,214	-	1,214	(58,786)
Fan Advance	3,550	-	3,550	3,550
LTC Advance	91,240	-	91,240	2,86,118
T A Advance	95,39,763	-	95,39,763	1,04,92,105
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 to PDF Consultants & Concerned Departments	-	40,62,449	40,62,449	24,63,697
d) Departmental Advance	3,62,50,773	-	3,62,50,773	3,17,37,220
e) Others				
- Amount to be recovered from GPF/CPF Fund	-	-	-	-
- Amount to be recovered from NPS Fund	-	-	-	-
- Other Funds	3,38,225	-	3,38,225	3,38,225
4. Prepaid Expenses				
a) Insurance	-	-	-	-
b) Other Expenses	4,96,350	-	4,96,350	9,92,700
c) On Loans & Advances	-	-	-	-
5. Deposits				
a) Telephone	38,582	-	38,582	38,170
b) Lease Rent	2,00,000	-	2,00,000	-
c) Electricity	24,750	-	24,750	2,24,750
6. Income Accrued				
a) On Investments from Earmarked/Endowment Funds	64,041	-	64,041	53,167
b) On Investments - Others	11,60,262	-	11,60,262	16,36,287
c) On Loans & Advances	-	-	-	-
d) TDS Receivable	357	-	357	-
7. Other- Current assets receivable from UGC/Sponsored Projects				
a) Debit balances in Sponsored Projects	3,52,817	-	3,52,817	8,54,001
b) Debit balances in Sponsored Fellowships & Scholarships	4,38,537	-	4,38,537	5,65,037
c) Grant Receivable	-	-	-	-
c) SPA fees receivable	95,204	-	95,204	95,204
8. Claims Receivable				
a) Research Projects	2,16,447	-	2,16,447	2,16,447
b) Others Receivables	1,93,021	-	1,93,021	1,93,021
TOTAL	5,02,36,619	40,62,449	5,42,99,068	5,09,51,839

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

	(Amount Rs.)					
	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
FEES FROM STUDENTS						
Academic						
Tuition Fee	4,61,10,203	-	4,61,10,203	3,79,19,100	-	3,79,19,100
Admission Fee/Application	64,01,000	-	64,01,000	26,44,015	-	26,44,015
Enrolment Fee	14,73,000	-	14,73,000	6,46,612	-	6,46,612
Library Fee/ Audio Visual fees	-	-	-	-	-	-
Academic Support Fees	75,38,800	-	75,38,800	42,19,523	-	42,19,523
Registration Fee	7,60,000	-	7,60,000	4,60,803	-	4,60,803
Logistic Income	-	-	-	2,520	-	2,520
Games Fees	4,04,724	-	4,04,724	41,866	-	41,866
Self Financing Fees	2,05,55,120	-	2,05,55,120	1,36,02,150	-	1,36,02,150
Electricity & Water Charges (Hostel)	30,40,000	-	30,40,000	30,72,344	-	30,72,344
Readmission Fees	24,000	-	24,000	24,000	-	24,000
Total (A)	8,63,06,847	-	8,63,06,847	6,26,32,933	-	6,26,32,933
Examinations						
Admission Test Fees	-	-	-	-	-	-
Annual Examination Fees	-	-	-	-	-	-
Marksheet, Certificate Fees	2,19,500	-	2,19,500	1,00,800	-	1,00,800
Entrance Examination Fees	-	-	-	-	-	-
Total (B)	2,19,500	-	2,19,500	1,00,800	-	1,00,800
Other Fees						
Fine and Loss Charges	1,55,025	-	1,55,025	2,99,029	-	2,99,029
Annual Examination Fees	-	-	-	-	-	-
Migration Cert./ Degree Vrf./ Transcript/ Convocation	2,90,300	-	2,90,300	-	-	-
Total (C)	4,45,325	-	4,45,325	2,99,029	-	2,99,029
Sale of Publications						
Sale of Journals/Tender forms	78,306	-	78,306	10,550	-	10,550
Sale of Admission forms	-	-	-	-	-	-
Total (D)	78,306	-	78,306	10,550	-	10,550
GRAND TOTAL (A+B+C+D)	8,70,49,978	-	8,70,49,978	6,30,43,312	-	6,30,43,312

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

	(Amount Rs.)			
	Current Year		Previous Year	
	Recurring	Non Recurring	Recurring	Non Recurring
	Total	Total	Total	Total
Balance B/F	-	-	-	-
Add : Receipts during the year	49,37,50,000	-	35,62,00,000	1,42,00,000
Total	49,37,50,000	-	35,62,00,000	1,42,00,000
Less : Refund to UGC	-	-	-	-
Balance	49,37,50,000	-	35,62,00,000	1,42,00,000
Less: Utilised for Capital Expenditure (A)	-	-	-	-
Balances	49,37,50,000	-	35,62,00,000	1,42,00,000
Less: Utilised for Revenue Expenditure (B)	49,37,50,000	-	35,62,00,000	1,42,00,000
Balance C/F (C)	-	-	-	-

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

		(Amount Rs.)					
		Current Year			Previous Year		
		Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
SCHEDULE 11 - INTEREST EARNED							
1	On Savings Accounts with scheduled banks	33,89,878	-	33,89,878	31,23,839	-	31,23,839
2	On Loans						
	Employees/Staff	2,88,171	-	2,88,171	1,24,363	-	1,24,363
	Others	-	-	-	-	-	-
3	On Term Deposits	(17,63,975)	-	(17,63,975)	43,94,706	-	43,94,706
TOTAL		19,14,074	-	19,14,074	76,42,908	-	76,42,908

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

		Current Year			Previous Year			(Amount Rs.)
		Recurring	Non Recurring	Total	Recurring	Non Recurring	Total	
A. Income from Land and Building								
1	Hostel Room Rent	70,68,231	-	70,68,231	52,03,142	-	52,03,142	
2	Canteen Rent	34,800	-	34,800	34,800	-	34,800	
3	Guest Room Rent	2,37,328	-	2,37,328	88,174	-	88,174	
4	Rent from Others	52,000	-	52,000	53,050	-	53,050	
5	Licence Fees	3,17,028	-	3,17,028	3,06,786	-	3,06,786	
6	Electricity Charges recovered	7,95,931	-	7,95,931	13,79,965	-	13,79,965	
7	Water Charges recovered	76,024	-	76,024	55,736	-	55,736	
8	CGHS Subscription	9,56,234	-	9,56,234	7,96,997	-	7,96,997	
	Total A	95,37,576	-	95,37,576	79,18,650	-	79,18,650	
B. Others								
1	Income from Consultancy	49,93,584	-	49,93,584	59,63,310	-	59,63,310	
2	RTI Fees	220	-	220	250	-	250	
3	Income from Royalty	-	-	-	-	-	-	
4	Sale of Application Form (Recruitment)	-	-	-	-	-	-	
5	Sale of Owned assets	-	-	-	3,08,500	-	3,08,500	
6	Grants/ Donation from institution, welfare bodies and international organisation	-	-	-	-	-	-	
7	Others	-	-	-	-	-	-	
	Income Tax Refund	-	-	-	5,288	-	5,288	
	Miscellaneous	8,51,402	-	8,51,402	3,27,975	-	3,27,975	
	Miscellaneous Recovery	3,24,277	-	3,24,277	4,57,105	-	4,57,105	
	Penalty and Rebate Income	759	-	759	5,65,237	-	5,65,237	
	Total B	61,70,242	-	61,70,242	76,27,665	-	76,27,665	
	Grand Total (A+B)	1,57,07,818	-	1,57,07,818	1,55,46,315	-	1,55,46,315	

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

SCHEDULE 13 - STAFF PAYMENTS & BENEFITS	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
Salaries and Wages	19,35,49,411	-	19,35,49,411	6,81,25,172	-	6,81,25,172
Allowances & Bonus	4,62,11,516	-	4,62,11,516	8,52,10,414	-	8,52,10,414
Contribution to GPF/CPF and NPS	61,86,112	-	61,86,112	33,99,151	-	33,99,151
Retirement and Terminal Benefits	6,29,70,345	-	6,29,70,345	7,09,71,502	-	7,09,71,502
Medical Facility	75,29,593	-	75,29,593	35,83,065	-	35,83,065
Honorarium	15,13,079	-	15,13,079	36,03,315	-	36,03,315
Personal Development Allowance	25,09,610	-	25,09,610	5,48,249	-	5,48,249
Other						
CGHS Contribution	20,43,944	-	20,43,944	33,48,624	-	33,48,624
DA Arrears	16,81,043	-	16,81,043	16,53,292	-	16,53,292
Pay of Part Time Officers	4,83,07,231	-	4,83,07,231	5,92,29,326	-	5,92,29,326
Conveyance reimbursement to Visiting Faculty	28,47,880	-	28,47,880	61,64,119	-	61,64,119
TOTAL	37,53,49,764	-	37,53,49,764	30,58,36,229	-	30,58,36,229

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

(Amount Rs.)

	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	SCHEDULE 14 - ACADEMIC EXPENSES					
a) Laboratory expenses	-	-	-	-	-	-
b) Field work/Participation in conference	-	-	-	-	-	-
c) Expenses on Seminar/ Workshops	5,56,647	-	5,56,647	-	5,75,099	5,75,099
d) Remuneration to Paper Setter	1,08,000	-	1,08,000	-	-	-
e) Examination	-	-	-	-	-	-
f) Student welfare expenses	-	-	-	-	-	-
g) Admission expenses	-	-	-	-	-	-
h) Convocation Expenses	29,55,613	-	29,55,613	14,50,198	-	14,50,198
i) Publications	-	-	-	-	-	-
j) Stipend/means-cum-merit scholarship	4,13,30,006	-	4,13,30,006	2,46,45,232	71,09,385	3,17,54,617
k) Subscription expenses	-	-	-	-	-	-
l) Others	-	-	-	-	-	-
- Prizes and Medals	20,000	-	20,000	27,209	-	27,209
- Exhibition/Foundation Day	-	-	-	-	-	-
TOTAL	4,49,70,266	-	4,49,70,266	2,61,22,639	76,84,484	3,38,07,123

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019
(Amount Rs.)

SCHEDULE 15 - ADMINISTRATIVE AND GENERAL EXPENSES	Current Year		Total	Previous Year		Total
	Recurring	Non Recurring		Recurring	Non Recurring	
A. Infrastructure						
(a) Electricity and Power	1,56,41,134	-	1,56,41,134	40,04,540	1,06,09,110	1,46,13,650
(b) Water Charges	1,67,98,546	-	1,67,98,546	82,08,945	71,03,145	1,53,12,090
(c) Rent, Rates and Taxes	-	-	-	-	-	-
Service Tax	-	-	-	-	-	-
Property Tax	29,93,906	-	29,93,906	12,33,616	15,52,258	27,85,874
Interest on Tax	-	-	-	-	-	-
B. Communication						
(d) Postage and Stationary	2,19,006	-	2,19,006	83,180	-	83,180
(e) Telephone, Fax and Internet Charges	35,63,798	-	35,63,798	37,20,891	-	37,20,891
C. Others						
(f) Printing and Stationary	9,42,673	-	9,42,673	11,11,637	-	11,11,637
(g) Travelling and Conveyance Expenses	71,32,806	-	71,32,806	68,51,971	-	68,51,971
(h) Hospitality	-	-	-	-	-	-
(i) Professional and Legal Charges	24,56,869	-	24,56,869	14,67,595	-	14,67,595
(j) Advertisement and Publicity	23,76,749	-	23,76,749	18,36,416	-	18,36,416
(k) Magazines & Journals	54,867	-	54,867	96,180	-	96,180
(l) Others						
Bank Charges	65,576	-	65,576	44,416	-	44,416
Audit Fees	1,69,845	-	1,69,845	1,73,275	-	1,73,275
Consumables Articles for Audio Visuals/Lab	2,27,577	-	2,27,577	9,490	-	9,490
Liveries	94,174	-	94,174	1,39,837	-	1,39,837
Membership Fees	1,45,890	-	1,45,890	54,850	-	54,850
Office Stationary	19,48,866	-	19,48,866	11,35,157	-	11,35,157
Other Contingent Charges	11,05,398	-	11,05,398	15,94,014	-	15,94,014
Refreshment Charges	9,63,265	-	9,63,265	10,72,764	-	10,72,764
Miscellaneous Committee Expenses	-	-	-	20	-	20
Manpower & Security Agencies	5,55,31,130	-	5,55,31,130	3,56,54,573	1,83,67,508	5,40,22,081
Participation of Staff in International Conference	31,890	-	31,890	-	-	-
Other Administrative Expenses	15,72,669	-	15,72,669	6,12,519	-	6,12,519
TOTAL	11,40,36,635	-	11,40,36,635	6,91,05,886	3,76,32,021	10,67,37,907

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI

SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

(Amount Rs.)

PARTICULARS	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	1 Vehicles (owned by institution)					
a) Running Expenses	-	-	-	70,345	-	70,345
b) Repair and Maintenance	3,21,400	-	3,21,400	2,23,328	-	2,23,328
c) Insurance expenses	-	-	-	37,861	-	37,861
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	-	-	-	-	-	-
3 Vehicle (Taxi) hiring expenses	-	-	-	-	-	-
Total	3,21,400	-	3,21,400	3,31,534	-	3,31,534

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

	(Amount Rs.)					
	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
SCHEDULE 17 -REPAIR AND MAINTAINANCE						
a) Building	25,33,971	-	25,33,971	37,17,482	50,78,565	87,96,047
b) Furniture and Fixtures	40,390	-	40,390	15,564	-	15,564
c) Electrical Goods	3,19,207	-	3,19,207	3,78,466	-	3,78,466
d) Repair and Maintenance of Office Equipment	24,95,856	-	24,95,856	22,66,205	-	22,66,205
e) Computers	24,54,960	-	24,54,960	37,30,365	-	37,30,365
f) Cleaning Material & Services	3,00,732	-	3,00,732	3,63,927	-	3,63,927
g) Book Binding Charges	1,21,396	-	1,21,396	6,478	-	6,478
h) Gardening	-	-	-	-	-	-
i) Staff Cars	-	-	-	-	-	-
j) Others	-	-	-	-	-	-
TOTAL	82,66,512	-	82,66,512	1,04,78,487	50,78,565	1,55,57,052

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME AND EXPENDITURE FOR THE PERIOD ENDED ON 31-03-2019

(Amount Rs.)

	Current Year			Previous Year		
	Recurring	Non Recurring	Total	Recurring	Non Recurring	Total
	SCHEDULE 18 - OTHER EXPENSES					
a) Provision for Bad Debts/Advances		-	-			
b) Irrecoverable Balance Written - off		-	-			
c) Subsidy to SPA Mess	82,00,000	-	82,00,000	28,88,622	50,00,000	78,88,622
d) Other Expense						
Sanitary Goods	2,00,597	-	2,00,597	1,87,500	-	1,87,500
Sports Goods	6,974	-	6,974	24,640		24,640
TOTAL	84,07,571	-	84,07,571	31,00,762	50,00,000	81,00,762

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT OF NON PLAN AND PLAN FOR THE PERIOD 01.04.2018 TO 31.03.2019

(Amount Rs.)

	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR		PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I	Opening Balance a) Cash in hand b) Bank Balances	-	-	I	Expenses a) Establishment Expenses	10,22,20,797	4,26,07,658
	Saving Bank Accounts Foreign Exchange Account	12,24,46,943	10,33,16,346		b) Academic Expenses	3,70,66,952	3,40,61,344
	c) Fixed Deposit with banks	57,28,712	1,89,89,502		c) Administrative Expenses	5,50,66,725	4,34,04,453
	d) Postage in hand	47,495	47,495		d) Repair & Maintenance Expenses	21,88,522	9,15,388
II	Grants Received a) From Government of India				e) Transportation Expenses	-	1,08,206
	- Ministry of HRD	49,37,50,000	36,04,00,000	II	Amount spent on sponsored projects	2,46,97,910	1,69,21,333
	- Ministry of HRD (Capital Grant)	5,00,00,000	1,00,00,000	III	Advances/payment to parties	33,19,45,815	33,68,45,578
	b) From State Government	-	-	IV	Investments and deposits made		
	c) From other sources (details) -for Research Project	-	-		a) Out of Earmarked/Endowment funds	3,27,200	-
III	Academic Receipts a) Fees received from CSAB Students b) Fees received from other students			V	b) Out of Own Funds (Investments - Others)	5,59,83,071	14,70,00,000
	c) Fees and Subscription	8,85,41,829	7,67,70,968		Expenditure on Fixed Assets &		
	Receipts against Earmarked /Endowment Fund	2,65,000	100,01,100		Capital Work in Progress	57,69,140	16,68,847
					a) Purchase of Fixed Assets	10,00,000	
					b) Expenditure on Capital Work in Progress		

V	Receipts against Sponsored Projects/ Schemes	2,16,60,717	1,00,02,674	VI	Expenditure on Grant & Subsidies	82,00,000	78,88,622
VI	Receipts against Sponsored Fellowships & Scholarship	1,54,95,940	5,89,588	VII	Amount recoverable from GPF/CPF & NPS		
VII	Contractor's Earnest Money/ Security Deposits	17,46,405	1,09,572	VIII	Refundable deposits from students	97,59,445	39,82,144
VIII	Amount recoverable from GPF/CPF & NPS	11,51,989	1,25,23,383	IX	SPA Fee Receivable	-	-
IX	Interest Received on a) On Bank Deposits (Saving) b) On Bank Deposits (FDR) c) On Loans and Advances d) On Endowment Fund	36,56,878 6,52,655 - -	31,23,839 44,99,166 - 7,050	X XI XII	Contractor's Earnest Money/ Security Deposits Amount spent on endowment fund Advances given	4,14,992 - 1,47,18,142	2,38,288 - 1,56,45,623
X	Stale Cheques	31,62,281	22,97,966	XIII	Closing Balances a) Cash in hand	25,356	-
XI	Term Deposits with Scheduled Banks Encashed	5,75,48,521	14,91,73,300		b) Bank Balances Saving Bank Accounts Foreign Exchange Account c) Fixed Deposit with banks	20,54,41,339 2,95,88,469 -	12,24,46,943 57,28,712 -
XII	Any other receipts	65,88,098	17,59,627		d) Postage in hand	-	47,495
XIII	Sundry Creditors	1,18,189	10,49,851				
XIV	Advances Adjusted	56,10,242	73,95,070				
XV	Consultancy Receipts	62,41,980	74,54,138				
	TOTAL	88,44,13,874	77,95,10,634		TOTAL	88,44,13,874	77,95,10,634

COMPILED ON THE BASIS OF BOOKS OF ACCOUNTS PRODUCED BEFORE US.

For SUNDER SHARMA & CO.

CHARTERED ACCOUNTANTS

Sd/-

CA. RAJAT DAGA

PARTNER

Sd/-

GIRISH KUMAR

ASSISTANT REGISTRAR

(A&B)

Sd/-

UMAKANT AGARWAL

REGISTRAR

Sd/-

PROF. DR. P.S.N. RAO

DIRECTOR

PLACE: NEW DELHI

DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2019

		(Amount Rs.)			
LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
G.P.F. Fund			INVESTMENTS		
Opening Balance	14,19,92,617	14,19,57,069	Fixed Deposit Scheme (GPF and CPF)	11,91,43,626	11,81,06,231
Additions:			Interest Accrued on Fixed Deposits	37,06,789	50,94,755
C.P.F Subscription	3,04,29,577	2,28,23,241	Advance recoverable from GPF	13,85,935	13,85,935
G.P.F Advance	27,96,512	14,85,599	Amount Recoverable from SPA	1,85,60,351	1,67,91,836
G.P.F Interest	1,17,38,556	1,09,78,449	TDS Receivable	5,45,141	-
Deductions:					
Full & Final Payments/Withdrawals by staff	125,41,101	3,52,51,741			
Transfer to Interest Reserve account	-	-			
Closing balance of GPF Fund	17,44,16,161	14,19,92,617			
C.P.F. Fund			Special Deposit Scheme:		
Opening Balance	2,32,45,721	2,23,47,260	G.P. Fund	1,49,00,720	1,49,00,720
Additions:			C.P. Fund	42,87,201	42,87,201
C.P.F. Subscription	17,55,239	13,27,652	Bank Balance		
C.P.F. Contribution	6,18,430	2,96,721	G.P. Fund Account	2,64,96,581	42,69,194
C.P.F. Advance	-	-	C.P. Fund Account	3,43,830	37,12,876
C.P.F. Interest:			Allahabad Bank Account	61,57,797	-
Contribution	2,49,889	6,81,907			
Subscription	11,14,686	10,81,537			
Deductions:					
C.P.F. Subscription	53,18,342	14,23,843			
C.P.F. Contribution	15,41,169	10,65,513			
Transfer to Interest Reserve account	-	-			
Closing balance of CPF Fund	2,01,24,454	2,32,45,721			

Interest Reserve Account Opening Balance	33,10,410	53,49,268		
Additions:				
Transfer from CPF		-		
Transfer from GPF		-		
Excess of Income over Expenditure	(23,23,054)	(20,38,858)		
Closing balance of Reserve	9,87,356	33,10,410		
TOTAL	19,55,27,971	16,85,48,748	TOTAL	19,55,27,971
				16,85,48,748

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

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

Sd/-
CA. RAJAT DAGA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

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

PLACE: NEW DELHI

DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME & EXPENDITURE ACCOUNT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE YEAR ENDING 31.03.2019

EXPENDITURE	CURRENT YEAR	PREVIOUS YEAR	INCOME	CURRENT YEAR	PREVIOUS YEAR
Interest Credited to					
GPF Account	1,17,65,261	1,09,78,449	Interest earned on Fixed Deposits	1,02,67,779	89,56,498
CPF Account	13,66,479	17,63,444	Interest received on Saving Bank	5,42,535	17,47,895
Bank Charges	1,628	1,358			
Excess of Income over Expenditure	(23,23,054)	(20,38,858)			
TOTAL	1,08,10,314	1,07,04,393	TOTAL	1,08,10,314	1,07,04,393

COMPILED ON THE BASIS OF BOOKS OF ACCOUNTS PRODUCED BEFORE US.
For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

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

PLACE: NEW DELHI
DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD 01.04.2018 TO 31.03.2019

S.NO.	RECEIPTS	CURRENT YEAR		PREVIOUS YEAR		S.N O.	PAYMENTS	CURRENT YEAR		PREVIOUS YEAR		
I.	Opening Balance					I.	G.P. Fund Subscription Interest on GPF subscription	1,06,71,721		3,25,56,941		
	G.P. Fund	42,69,195		6,31,23,199								
	C.P. Fund	37,12,876	79,82,071	43,73,138	6,74,96,337			C.P. Fund Subscription	53,18,342	14,23,847		
	G.P. Fund Subscription	3,04,02,872		2,28,23,241				C.P. Fund Contribution	15,41,169	10,65,513		24,89,360
	G.P. Fund Interest	-	3,04,02,872	-	2,28,23,241			Interest on Investment/ Saving bank transferred to School				
II.	C.P. Fund Subscription	17,55,239		13,27,652		II.	G.P. Fund	-				
	C.P. Fund Contribution	-	17,55,239	-	13,27,652			C.P. Fund	-			
III.	G.P. Fund Advance		27,96,512		14,85,599	III.	G.P. Fund Advance	18,69,380		26,94,800		
IV.	C.P. Fund Advance		-		-	IV.	C.P. Fund Advance	-		-		
V.	C.P. Fund Interest					V.	Investment on FDR's/Special Deposit Scheme					
	(I) Contribution							G.P. Fund		8,90,00,000		
	(II) Subscription						C.P. Fund				8,90,00,000	
V.	Encashment of FDR's/Special Deposit Schemes					VI.	Amount Payable to spa				1,00,00,000	
	G.P. Fund							Bank Charges				1,358
	C.P. Fund	15,12,192	15,12,192	4,65,23,536	4,65,23,536	VI.		1,628				

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF THE FINANCIAL ACCOUNTS FOR THE
YEAR ENDING 31-03-2019

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 where available; if not available, the value is estimated based on the present market value and the physical condition of the asset. They are set-up by credit to Fixed Asset Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.3 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the School, are setup by credit to Capital Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

S. No.	Nature of asset	Rate of depreciation
1.	Land	0%
2.	Site Development	0%
3.	Building	2%
4.	Office Equipment	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 Re.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 form of Fixed Deposits in bank. No other types of investment are with the School.

7. EARMARKED/ ENDOWMENT FUNDS

Earmarked Funds are long-term funds earmarked for specific purposes. These funds have also been invested in term deposits with banks. The incomes from investments are booked on accrual basis. The expenditures on the objectives of the funds are debited to the funds. The balances in the funds are carried forward and represented on the assets side by the balance at bank, Investments and accrued interest under the head of current assets.

7.1 CORPUS FUND

a) Corpus fund was established in 2013-14. The Executive Council of School has approved to transfer a certain percentage of the amount received from Consultancy and DASA fees (i.e. 20% of Consultancy school share and 50% of DASA fees received from students).

b) The Income from investments of the fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants Commission and the Executive Council of the School from time to time. The balance in the Corpus Fund which is carried forward is represented by the balance in Saving Bank Account, Fixed Deposits with the Bank and Accrued interest on investments.

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) (iiiab) 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 2019, 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. 1,31,58,585 is made during the financial year 2018-19.

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. 29,94,619 and Rs. 29,05,919 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. 6,54,553, Rs. 21,57,817 and Rs. 3,58,611 pertaining to the Financial year 2016 – 17, 2017 – 18 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. 3,52,817 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 of Rs. 49,63,500 to Mahanagar Telecom Limited (MTNL) of Internet link for 10 years and such prepaid expenditure to be written off to Income & Expenditure Account over the period of agreement i.e. expenditure will be spread over the period of 10 years and unadjusted balance to be shown under the head of current assets.

6 Source 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. 5,00,00,000 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

- 8.1 The School is maintaining separate saving bank accounts for GPF/CPF in the UCO Bank, New Delhi. A separate Books of Accounts is being maintained for GPF/CPF A/c. The interest in GPF/CPF A/c's is calculated on 31st March of the Financial Year and is credited to GPF/CPF A/c. The

investment of GPF/CPF contribution is made in the form of KDR/FDRs/TDRs with the UCO Bank, Allahabad Bank, ICICI Bank and Canara Bank at the prevailing rate of interest. As per the previous policy of the School the interest received on GPF/CPF investment is transferred to School main account as no separate Income and Expenditure account is maintained for GPF/CPF.

However in order to comply with the revised format issued by the Ministry the School has prepared the separate Income and Expenditure Account of GPF/CPF along with the Receipt and payments account and Balance Sheet

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 31-03-2019 and the Income and Expenditure account for the year ended on that date.

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

For SUNDER SHARMA & CO.

CHARTERED ACCOUNTANTS

Sd/-
CA. RAJAT DAGA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

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

PLACE: NEW DELHI

DATE: 19-08-2019

Annexure

1. The Staff Payment and Benefits expense has increased from Rs. 30,58,36,229 (2017-18) to Rs. 37,53,49,764 (2018-19). This expenses is increased mainly due to the revision of Staff Salary under seventh pay commission.
2. The Stipend/means-cum-merit scholarship expense has increased from Rs. 3,17,54,617 (2017-18) to Rs. 4,13,30,006 (2018-19). This is due to the fact that the number of P.H.D Students and M. Arch Students are increased during the year.
3. The Professional and Legal Charges expense has increased from Rs. 14,67,595 (2017-18) to Rs. 24,56,869 (2018-19). The school has to pay to lawyer for defending the cases under arbitration.
4. The Advertisement and Publicity expense has increased from Rs. 18,36,416 (2017-18) to Rs. 23,76,749 (2018-19). The school has conducted two convocation during the year this results in increase in the expenditure.

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

Sd/-
CA. RAJAT DAGA
PARTNER

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

Sd/-
UMAKANT AGARWAL
REGISTRAR

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

PLACE: NEW DELHI

DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE: NEW DELHI

CONSULTANCY FUND ACCOUNT

BALANCE SHEET AS ON 31ST MARCH 2019

PREVIOUS YEAR	LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR
1,32,78,101	Unspent Balance of Projects (As per Annexure-1 Enclosed)	1,45,74,372	17,986	Fixed Assets	
	Project Receipts Pending for Allocation	36,39,422	-	Furniture	17,986
31,39,410				HP Laser Printer	24,576
	School/Institute's Share from Consultancy Fund		1,37,53,154	Investment in Fixed Deposits	
	Opening Balance			FDR with UCO Bank	77,36,225
	Addition during the year	-		FDR with Central Bank	1,45,00,000
	Less : Transferred to School Share	1,05,82,547		Current Assets & Loans & Advances	
	Distribution, Concern Department, PDF & Administrative Expenses	(105,82,547)		Accrued Interest	9,30,310
			24,63,697	TDS Recievable	29,63,709
	School Share Distribution			GST Input	97,627
2,41,980	Opening Balance			GST TDS Credit	70,803
	Add: Transferred from Consultancy Fund	2,41,980		Bank Balance	
	Less : Transferred to School Main Account	72,74,901		State Bank of India S/B A/c No.	
		(62,41,980)	2,80,76,781	10310544230	2,46,92,285
		12,74,901			40,62,449
					2,22,36,225

75,47,155	Concerned Department/ Centre	18,03,688	Central Bank of India S/B. A/c No.3406523203	12,96,390	2,59,88,675
	Opening Balance				
	Add: Transferred from Consultancy Fund				
	Less : Paid during the Year	88,00,824			
30,88,634	Personal Development Fund (PDF) Consultants				
	Opening Balance				
	Add: Transferred from Consultancy Fund				
	Less : Paid during the Year	38,59,544			
5,13,566	Administrative Expenses fund				
	Opening Balance				
	Add: Transferred from Consultancy Fund				
	Less : Paid during the Year	5,19,636			
1,74,74,782	Surplus				
	Opening Balance				
	Add: Income during the year (Annexure-1 Attached)				
	Less : Expenses incurred during the year (Annexure-2 Attached)	1,94,40,445			
8,31,679	Duties & Taxes				

	GST Payable T.D.S Payable	1,80,774 39,993	2,20,767		
4,61,15,307	Total		5,23,29,911	4,61,15,307	Total
					5,23,29,911

Notes forming part of books of accounts are integral part of Balance sheet

Complied on the basis of books of accounts produced before us.

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

Sd/-

**CA. RAJAT DAGA
PARTNER**

Sd/-

**PROF. DR. SANJUKTA BHADURI
DEAN (R)**

Sd/-

**UMAKANT AGARWAL
REGISTRAR**

Sd/-

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

PLACE: NEW DELHI

DATE: 19-08-2019

SCHOOL OF PLANNING AND ARCHITECTURE: NEW DELHI

CONSULTANCY FUND ACCOUNT

RECEIPT AND PAYMENT ACCOUNT FOR THE PERIOD 01.04.2018 TO 31.03.2019

PREVIOUS YEAR	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR
1,39,68,662 26,79,269	Opening Balance - State Bank of India (SB A/c No.10310544230) - Central Bank of India (S.B. A/c No.3406523203)	2,80,76,781 18,03,688	3,39,92,937	Payment/Adjustment during the year as per Annexure enclosed	3,52,26,352
3,50,01,111	Receipts during the Year as per Annexure Enclosed	3,60,78,229	1,02,74,967	School Share	1,05,82,547
1,02,74,967	School Share	1,05,82,547	3,78,873	Administrative expenses	4,53,012
8,85,586	T.D.S Receivable	-	5,01,105	Administrative Expenses for Supporting Staff	5,13,566
22,42,136	Bank Interest from S/B & F.D.R's A/c	24,18,675	10,32,544	T.D.S Receivable	5,00,012
5,13,566	Administrative Expenses for Supporting Staff	5,19,636	74,54,138	School Share distribution	62,41,980
9,78,726	Project Receipts Pending for Allocation	5,00,012	11,64,438	Service Tax	-
71,89,922	School Share Distribution	72,74,901	15,99,650	TDS	7,83,070
8,43,395	Service Tax	-	38,30,563	Goods & service tax	67,93,307
9,78,831	TDS	8,19,879	1,02,356	P.D.F Consultants	2,96,635
			4,56,614	Concerned Department/Centre	3,05,238

46,59,058	Goods & service tax	59,77,156	-	F.D.R's With Central Bank of India	80,00,000
10,27,132	P.D.F Consultants	10,67,545	1,17,534	F.D.R's With UCO Bank	4,83,071
15,75,765	Concerned Department/Centre	15,58,907	2,47,250	Miscellaneous Receipts	
-	Miscellaneous Receipts	-	-	Interest Accrued On F.D.R's with Bank	9,30,310
76,00,598	F.D.R's With Central Bank of India	-	-	HP Laser Jet Printer	24,576
62,356	Interest on refund on income tax	-	-		
-	Interest Accrued on F.D.R's with Bank	-	2,80,76,781		2,46,92,285
5,52,359	Adjustment of Project during the Year as per Annexure Enclosed	4,44,394	18,03,688		12,96,390
9,10,33,439		9,71,22,361	9,10,33,439	Closing Balance	
				- State Bank of India (SB A/c No.10310544230)	
				- Central Bank of India (S.B. A/c No.3406523203)	

Notes forming part of books of accounts are integral part of Balance sheet

Complied on the basis of books of accounts produced before us.

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

Sd/-

Sd/-

Sd/-

Sd/-

**CA. RAJAT DAGA
PARTNER**

**PROF. DR. SANJUKTA BHADURI
DEAN (R)**

**UMAKANT AGARWAL
REGISTRAR**

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

**PLACE: NEW DELHI
DATE: 19-08-2019**

SCHOOL OF PLANNING AND ARCHITECTURE: NEW DELHI – 110002
CONSULTANCY FUND ACCOUNT
UNSPENT BALANCE AS ON 31ST MARCH, 2019 UNDER PROJECT ACCOUNT

S. No.	Name of the Projects	Name of the Project Coordinator	Unspent Balance as on 01-04-2018	Receipt during the Year 2018-2019	Adjustment/ Input Credit of GST during the Year 2018-2019	Total	Payment/ Adjustment during the Year 2018-2019	Unspent Balance as on 31-03-2019
1	Numaligarh Refinery Ltd.	Prof. Dr. P.S.N Rao	1,38,114	13,64,401	-	15,02,515	13,69,339	1,33,176
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	O.N.C.C. Project	Prof. Dr. V. K. Paul	1,27,400	-	-	1,27,400	1,27,400	-
6	IIT Jaipur Project	Prof. Anil Dewan	97,408	-	-	97,408	-	97,408
7	National School of Drama, NSD's Re-Developments Project	Prof. Arunava Das Gupta	22,35,516	-	-	22,35,516	-	22,35,516
8	National Archives of India Project	Prof. Nalini Thakur	1,42,849	-	-	1,42,849	1,42,849	-
9	Rejuvenation of Water Bodies, Delhi Cantonment Area Project	Prof. Y. K. Jain	2,98,235	-	-	2,98,235	-	2,98,235
10	Comprehensive Improvement & Drainage & Sewage System, Delhi Cantt. Project	Prof. Y. K. Jain	3,60,374	39,90,504	28,520	43,79,398	34,27,348	9,52,050
11	DLF Homes Panchkula Pvt. Ltd., DLF Valley Project	Prof. (Dr.) Mandeep Singh	2,11,640	-	-	2,11,640	2,11,640	-
12	Shri Mata Vaishno Devi Shrine Board Project	Prof. (Dr.) Mandeep Singh	7,33,203	28,33,600	22,000	35,88,803	29,95,580	5,93,223
13	Master Plan of Gogamukh, NHPC Project	Prof. (Dr.) R. Biswas	23,554	5,95,550	16,494	6,35,598	5,30,362	1,05,236
14	RLDA, Sarai Rohila and Ashok Vihar Project	Prof. Dr. P.S.N Rao	62,500	5,75,250	-	6,37,750	6,37,750	-
15	Kendriya Vidyalaya Sangathan Project	Prof. Aruna Ramani Grover	25,073	-	-	25,073	23,385	1,688
16	PWD Govt. of Maharashtra Redevelopment of Bandra (E)	Prof. Dr. P.S.N Rao	3,53,591	-	-	3,53,591	3,53,591	-

17	India Post Payments Bank Ltd. Project	Prof. (Dr.) Mandeep Singh	54,848	-	-	54,848	58,848	(4,000)
18	Deptt. of Rural Development and Panchayati Rajasthan, RURBAN MISSION	Prof. Dr. Ashok Kumar	8,95,393	-	-	8,95,393	-	8,95,393
19	Baddi Barotiwala Nalagarh Dev. Auth. Project	Prof. Dr. Mayank Mathur	3,63,162	14,16,000	-	17,79,162	14,05,508	3,73,654
20	Master Plan for Mount Abu Eco-Centre Zone Project	Prof. Dr. Meenakshi Dhote	9,46,795	-	-	9,46,795	9,06,510	40,285
21	Medicinal & Herbal Garden, Noida Project	Prof. Dr. Surinder Suneja	12,25,429	-	-	12,25,429	12,25,429	-
22	O.N.G.C Karaikal Pondicherry Project	Prof. Dr. P.S.N Rao	3,44,875	16,32,530	5,989	19,83,394	19,83,394	-
23	Rashtriya Sanskrit Sansathan Project	Prof. Dr. P.S.N Rao	25,000	11,80,000	-	12,05,000	12,05,000	-
24	RURBAN MISSION BENCHMARK Project	Prof. Dr. Ashok Kumar	72,602	10,92,320	-	11,64,922	7,22,312	4,42,610
25	RURBAN MISSION - Haryana Project	Prof. Dr. Ashok Kumar	1,68,009	-	-	1,68,009	-	1,68,009
26	RURBAN MISSION - Uttar Pradesh Project	Prof. Dr. Ashok Kumar	21,32,870	-	-	21,32,870	-	21,32,870
27	TCL-II BHU Varanasi Project	Prof. Manoj Mathur	-	2,36,000	-	2,36,000	2,36,000	-
28	Tourism UP Pro-poor Tourism Development Project	Prof. Dr. Meenakshi Dhote	18,97,228	32,50,372	3,20,288	54,67,888	45,31,466	9,36,422
29	Urban Policy & Practice in South Asia Project	Prof. Dr. Ashok Kumar	-	-	-	-	-	-
30	Ashok B Iall Architects Project	Ms. Aditi Singh	-	1,36,080	-	1,36,080	62,370	73,710
31	Competition Commission of India Project	Prof. Dr. Mandeep Singh	-	3,42,200	-	3,42,200	3,42,200	-
32	CPWD, Vigyan Bhawan Project	Prof. Dr. Mandeep Singh	-	7,00,000	-	7,00,000	6,31,133	68,867
33	Electrical Cremation at URI Delhi Cantt. Project	Prof. Arunava Das Gupta	-	9,19,032	-	9,19,032	8,94,322	24,710
34	Heritage Impact Assessment and Preparation of Report for Re-development of Jamia Hamdard University Project	Ms. Anuradha Chaturvedi	-	4,24,800	-	4,24,800	1,90,800	2,34,000
35	Heritage Impact Assessment Study of the Delhi Gurugram-Riwari-SNB RRTS Corridor in NCT of Delhi Area Project	Ms. Anuradha Chaturvedi	-	10,00,384	17,248	10,17,632	4,57,072	5,60,560
36	HSIL Ltd. Project	Mr. Parag Anand	-	1,35,000	-	1,35,000	1,35,000	-

37	O.N.G.C Delhi Project	Meshram Prof. Dr. P.S.N Rao	-	3,24,000	-	3,24,000	3,24,000	3,24,000	-
38	O.N.G.C (Vadodara) Project	Prof. Dr. P.S.N Rao	-	11,05,190	19,055	11,24,245	5,04,958	6,19,287	
39	PWD Govt. of Maharashtra Project (New Delhi)	Prof. Dr. P.S.N Rao	-	32,69,000	-	32,69,000	25,04,250	7,64,750	
40	Re-Development of Bhavishya Nidhi Enclave Malviya Nagar Project	Ms. Anuradha Chaturvedi	-	3,93,471	-	3,93,471	3,79,553	13,918	
41	Re-Development General Pool Residential Colony Mohd. Pur Project	Ms. Anuradha Chaturvedi	-	2,91,500	-	2,91,500	2,91,500	-	
42	Shri Mata Vaishno Devi Shrine Board, Durga Bhawan Project	Prof. Dr. Mandeep Singh		5,31,000	-	5,31,000	4,58,500	72,500	
43	Structural Safety Audit of LHMC Hospital Building Project	Prof. Y. K. Jain	-	8,58,400	14,800	8,73,200	3,92,200	4,81,000	
44	The University of Sheffield (England) Project	Prof. Dr. Ashok Kumar	-	1,55,172	-	1,55,172	1,55,172	-	
45	Verification Audit for PwDs Facilities in and around Selected Railway Station Project	Prof. Dr. Ashok Kumar	-	73,26,473	-	73,26,473	54,09,611	19,16,862	
	Total (Rs.)		1,32,78,101	3,60,78,229	4,44,394	4,98,00,724	3,52,26,352	1,45,74,372	

**SCHOOL OF PLANNING AND ARCHITECTURE : NEW DELHI
CONSULTANCY FUND ACCOUNT**

ANNEXURE-1

INCOME INCURRED DURING THE YEAR 2018-19

S. No.	Particulars	Amount (Rs.)
1	Interest on F.D.R's & Saving A/c (Received)	24,18,675
	Grand Total	24,18,675

**SCHOOL OF PLANNING AND ARCHITECTURE : NEW DELHI
CONSULTANCY FUND ACCOUNT**

ANNEXURE-2

OTHER ADMINISTRATION EXPENSES INCURRED DURING THE YEAR 2018-2019

S. No.	Particulars	Amount (Rs.)
1	Audit Fee	1,10,000
2	Adminstration expenses	3,06,518
3	Bank Charges	620
4	Printing & Stationery, Computer Maintenance	33,591
5	Refreshment	2,283
	Grand Total	4,53,012

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. 24,18,675. The school has also deducted Rs.4,53,012/- 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. The Consultancy cell received Refund of income tax of Rs. 9,47,942/- during the financial year 2017-18 in School account that has been adjusted in School share distribution and TDS Receivable Account. The Refund of income tax is yet to be distributed in the Projects Accounts and school share.
8. Separate Cash Book and Books of Accounts have been maintained for Consultancy Fund.
9. Figures are rounded off to the nearest rupees.
10. Figures of the previous year have been regrouped/ rearranged and recasted wherever considered necessary.
11. Notes are annexed to and from an integral part of the Balance Sheet as at 31-03-2019 and the Receipts and payments for the year ended on that date.

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 2019

We have audited the attached Balance Sheet of the School of Planning and Architecture (SPA), New Delhi as at 31 March 2019 and the Income & Expenditure Account/Receipts & Payments Account for the year ended on that date under section 19(2) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 25(3) of the School of Planning and Architecture Act, 2014. These financial statements are the responsibility of School of Planning and Architecture's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. The 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 & Payments Account dealt with by this Report have been drawn up in the format prescribed by the Ministry of Human Resource Development, 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 Funds (Schedule 2) Rs.25.78 crore

- (i) The School is maintaining a separate Fixed Asset/Building Fund and routing all the capital grant received and utilisation thereof through Schedule 2 (Designated/ Earmarked/Endowment Fund). To the extent, Corpus/Capital Fund (Schedule 1) and Schedule 2 were not drawn as per the instructions in Format of Accounts prescribed by Ministry of Human Resource Development. The same has been pointed out in the Separate Audit Report since 2014-15 but no rectificatory action has been taken.
- (ii) This has also resulted in routing of unutilised Grant-in-Aid of Rs. 3.82 crore under the Designated/ Earmarked Endowment Fund (Schedule 2) instead of 'Current Liabilities & Provisions (Schedule 3)'.
- (iii) The balance in each fund has to be represented on the Assets side by Bank balance, Investments and Income Accrued but not due and has to be shown in a table below the main schedule. The same has not been disclosed in manner prescribed.

A.1.2 Reserves and Surplus (Schedule 1B)-Rs. (-) 2.20 crore

The above represents deficit of income of Rs. (-) 2.20 crore which should have been depicted under "Capital Fund". This is contravention of format of accounts prescribed by the MHRD 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.

B. 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 the MHRD which provides that Employee's Benefits/obligations are to be provided on the basis of Actuarial Valuation. This is being pointed out since 2014-15 but no action has been taken.

C. Grant-in-Aid

During the year 2018-19, the School of Planning and Architecture received grant-in-aid of Rs. 54.38 crore (Recurring: Rs.49.38 crore and Non-Recurring: Rs.5.00 crore) from the Ministry of Human Resource Development, of which Rs.5.58 crore (Recurring: Rs. 5.16 crore and Non-Recurring: Rs.0.42 crore) was received during March 2019. It had an opening balance of non-recurring grant-in-aid of Rs. 13.54 lakh as on 1 April 2018. The recurring grant-in-aid was fully utilised and from the non-recurring grant-in-aid expenditure of Rs. 1.32 crore was incurred leaving unutilized grant-in-aid of Rs. 3.82 to crore on 31March 2019.

It also received Rs. 2.38 crore for various projects and had Rs. 2.25 crore as unspent balance of previous year. Out of the total fund of Rs. 4.63 crore, it utilised Rs. 2.59 crore leaving unutilised balance of Rs. 2.04 crore as on 31March 2019.

D. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, SPA through a Management Letter issued separately for remedial/corrective action.

- v. Subject to our observation 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 the 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 2019; 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
(Central Expenditure)

Place: New Delhi

Date: 9 December 2019

Annexure to 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 Human Resource Development. 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 in the following areas:-

- Non-reconciliation and non-settlement of advances of previous years.
- Non-conducting of physical verification of fixed assets and inventory.
- Outstanding debit balances in various sponsored projects.
- Fixed Assets Register not maintained in the proper format as stipulated in General Financial Rules.
- The managements response to external audit objections is not effective as 65 paras pertaining to the period 1/4/12 to 31/3/2016 were outstanding as on 31/3/2019.

3. System of physical verification of assets

- The physical verification of fixed assets has been conducted up to 2012-13.
- Physical verification of books and publications had been conducted up to 2013-14.

4. System of physical verification of inventory

- Physical verification of inventory like stationery and consumables was conducted up to 2017-18.

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 and Labour Cess of Rs.1.31 lakh was outstanding as on 31.03.2019.