



**School of Planning  
and Architecture**  
New Delhi

योजना तथा  
वास्तुकला विद्यालय  
नई दिल्ली

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

# Annual Report

## 2014-15



## **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 110 002 India

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

# **ANNUAL REPORT**

**2014-2015**



**SCHOOL OF PLANNING AND ARCHITECTURE**

**An “Institution of National Importance” under an Act of Parliament  
(Ministry of HRD, 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, since January 2015.

The Department of Architecture was founded in 1942 as a part of Delhi Polytechnic and subsequently merged with the School of Town and Country Planning and became SPA in 1959. The School was given the status of Deemed to be University in 1979. The School offers two under-graduate programmes, one for Architecture and the other in Planning and 10 post-graduate programmes, three in Architecture, five in Planning, Industrial Design and Building Engineering and Management. The total strength of students in the session 2014-2015 was 1196 of which 722 were undergraduate students. Presently 53 students are pursuing Ph.D. programme in the School.

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. The School also carries out capacity building exercise in the form of Quality Improvement Programmes and Training Workshops for their collaborative institutions.

This Annual Report covers the activities and achievements of the various Departments of Studies and their respective faculty members during 2014-15. It demonstrates the dedication of the School towards quality education and social responsibilities. 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. The School also undertakes several consultancy and research projects for various Government and other institutions throughout India.

**Prof. Chetan Vaidya**  
**Director**

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# **SCHOOL OF PLANNING AND ARCHITECTURE (SPA) NEW DELHI**

## **Background**

The School of Planning and Architecture (SPA) New Delhi has provided cutting edge architecture, planning and design education as well as research environment for India. The School has short but glorious history. It was in 1942 that Department of Architecture came into existence as part of Delhi Polytechnic at Kashmiri Gate, Delhi. The School of Town and Country Planning in Delhi was established in 1955. It was in 1959 that the Department of Architecture Delhi Polytechnic was merged into School of Town and Country Planning and christened as the School of Planning and Architecture. The Government of India, conferred the status of “Deemed University” on the School in 1972. Recognizing SPA national eminence, the Government of India has declared it has an Institution of National Importance under the School of Planning and Architecture (SPA) Act, 2014. Two departments of SPA New Delhi are celebrating their Silver Jubilee Year this year namely Physical Planning and Environmental Planning. The Department of Urban Planning (formerly Urban and Regional Planning) is completing 60 years of its establishment.

## **Academic Activities**

At present, the School offers two graduate programs in Architecture and Planning and 10

post graduate programs in Urban Design, Landscape Architecture, Architectural Conservation, Housing, Regional Planning, Urban Planning Environmental Planning, Transport Planning, Industrial Design, and Building Engineering and Management. Moreover, it also offer doctoral programmes and the faculty carries out research and extension activities.

## **Research Projects**

The School continues to undertake research in architecture and planning sectors. Important research projects and activities include Indo Norway Research Project on Transport Sector Strategies for Climate Change, Affordable Housing and Climate Change in Collaboration with German Technical Assistance, Conservation of Mughal Riverfront Gardens Project of Agra, Indo Highway Capacity Manual, HUDCO Chair and ENVIS Center on Human Settlements.

## **International Exchanges**

The School has signed MOU with a large number of international Universities and organizations. Several students and faculty from UK, USA, Australia, Germany, Columbia, etc. visited the School. Notable amongst such exchanges are MOU with National Architecture Institute (ENSAPLV), Paris, Architecture Students Exchange Program with University of Applied

Sciences, Germany, and Intensive Design Studio at RMIT University Australia organized by faculty members of SPA New Delhi.

### **Workshops and Conferences**

SPA New Delhi organized a large number of workshops, exhibitions, conferences and training programs. Two major workshops or gamsed this year were Holistic Approach to City Planning and Women in Architecture

### **Chetan Vaidya**

Director

School of Planning and Architecture (SPA) New Delhi

Director (Additional Charge) SPA Bhopal India

Chairman All India Planning Education Board (AICTE)

## ACADEMIC RESEARCH AND EXTENSION ACTIVITIES

Courses conducted by the School during the year 2014-15

S. No.	Name of the Course	Approved Intake	Duration
1	Bachelor's Degree in Architecture	105 + 15% + 1**	5 years
2	Bachelor's Degree in Planning	34 + 15% + 1**	4 years
3	Master's Degree in Planning with specialization in Urban Planning	31	2 years
4	Master's Degree in Planning with Specialization in Regional Planning	15	2 years
5	Master's Degree in Planning with specialization in Environmental Planning	15	2 years
6	Master's Degree in Planning with specialization in Housing	23	2 years
7	Master's Degree in Planning with specialization in Transport Planning	23	2 years
8	Master's Degree in Architecture with specialization in Architectural Conservation	15	2 years
9	Master's Degree in Architecture with specialization in Industrial Design	23	2 years
10	Master's Design in Architecture with specialization in Urban Design	20	2 years
11	Master's Degree in Landscape Architecture	23	2 years
12	Master's Degree in Building Engineering and Management	31	2 years
13	Doctoral Programmes (Full-Time/Part Time)	12x3	Full-Time - Minimum 2 years Maximum 5 years Part-Time - Minimum 3 years Maximum 7 years

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

**Enrolment of Students in Undergraduate and  
Post-Graduate Departments of Studies 2014-15**

S. No.	Name of the Course	I <sup>st</sup> Year	II <sup>nd</sup> Year	III <sup>rd</sup> Year	IV <sup>th</sup> Year	V <sup>th</sup> Year	Total
<b>I.</b>	<b>UNDERGRADUATE COURSES</b>						
1	Bachelor's Degree in Architecture	115	116	114	120	114	<b>579</b>
2	Bachelor's Degree in Planning	37	37	34	35	-	<b>143</b>
<b>II.</b>	<b>POST - GRADUATE COURSES</b>						
1	Master's Degree in Planning with specialization in Urban Planning	31	31	-	-	-	<b>62</b>
2	Master's Degree in Planning with Specialization in Regional Planning	13	15	-	-	-	<b>28</b>
3	Master's Degree in Planning with specialization in Environmental Planning.	14	15	-	-	-	<b>29</b>
4	Master's Degree in Planning with specialization in Housing	20	22	-	-	-	<b>42</b>
5	Master's Degree in Planning with specialization in Transport Planning	23	23	-	-	-	<b>46</b>
6	Master's Degree in Architecture with specialization in Arch. Conservation	14	14	-	-	-	<b>28</b>
7	Master's Degree in Architecture with specialization in Industrial Design	22	18	-	-	-	<b>40</b>
8	Master's Design in Architecture with specialization in Urban Design	19	20	-	-	-	<b>39</b>
9	Master's Degree in Landscape Architecture	21	23	-	-	-	<b>44</b>
10	Master's Degree Course in Building Engineering and Management	30	33	-	-	-	<b>63</b>
<b>III</b>	<b>Ph. D PROGRAMME</b>	04	-	-	-	49	
	<b>GRAND TOTAL :</b>	<b>363</b>	<b>367</b>	<b>148</b>	<b>155</b>	<b>163</b>	<b>1196</b>

Course	Male	Female	Total
Under Graduate	442	280	722
Post Graduate	224	197	421
Ph. D. Programme	28	25	53
<b>Total</b>	<b>694</b>	<b>502</b>	<b>1196</b>

## ENROLMENT

**Number of students enrolled under various reserved categories in Under-Graduate, Post-Graduate and Ph.D. Programmes during the session 2014-15.**

Name of Degree Courses	General			SC		ST		OBC		NRI Migrant		Kashmiri Challenged		Physically Nationals		Foreign Personal		Armed		MEA (Welfare)		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	Total
Bachelor's of Architecture	27	25	12	3	6	1	17	11	1	7	1	-	2	-	-	1	-	-	-	-	1	66	49	115
Bachelor's of Planning	9	7	4	1	2	1	7	2	-	1	-	1	1	-	-	1	-	-	-	-	-	23	14	37
Master's Degree in Urban Planning	7	10	3	1	1	1	2	5	-	-	-	-	1	-	-	-	-	-	-	-	-	14	17	31
Master's Degree in Regional Planning	3	4	1	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8	13
Master's Degree in Environmental Planning	2	5	1	1	1	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	6	8	14
Master's Degree in Housing	3	8	3	-	-	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	8	12	20
Master's Degree in Transport Planning	10	3	3	-	1	-	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	16	7	23
Master's Degree in Architectural Conservation	2	6	-	2	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	11	14
Master's Degree in Urban Design	7	4	1	2	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	10	9	19
Master's Degree in Design (Industrial Design)	10	3	2	1	-	-	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-	16	6	22
Master's Degree in Landscape Architecture	4	8	1	1	1	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	9	12	21
Master's Degree in Building Engineering and Management	12	5	3	1	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	6	30
Ph.D.	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Total	96	92	34	13	13	4	50	42	1	8	1	1	5	-	-	2	-	-	-	-	1	200	163	363

## RESERVATION OF SEATS IN UNDERGRADUATE, POST-GRADUATE AND PH. D. PROGRAMMES

Scheduled Castes	(SC)	- 15% (intake)
Scheduled Tribes	(ST)	- 7.5% (intake)
Other Backward Class	(OBC)	- 27% (intake)
Physically Challenged	(PH)	- 3% (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 B. 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 Arch. Stream of PG)

# **NUMBER OF BOYS AND GIRLS PASSED OUT IN VARIOUS COURSES DURING 2013-14 (MAY, 2014)**

Name of the Course	No. of Students Passed with Dist.		1 <sup>st</sup> Class		2 <sup>nd</sup> Class		Total		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Bachelor's Degree in Architecture	1	2	17	8	26	14	44	24	68
Bachelor's Degree in Planning	4	4	10	7	-	-	14	11	25
Master's Degree in Planning with specialization in Urban Planning	2	1	15	13	-	-	17	14	31
Master's Degree in Planning with specialization in Regional Planning	-	-	5	6	1	-	6	6	12
Master's Degree in Planning with specialization in Environmental Planning	1	-	4	7	2	1	7	8	15
Master's Degree in Planning with specialization in Housing	-	-	12	9	2	-	14	9	23
Master's Degree in Planning with specialization in Transport Planning	-	1	14	7	-	-	14	8	22
Master's Degree in Architecture with specialization in Architectural Conservation	-	-	3	6	-	1	3	7	10
Master's Degree in Architecture with specialization in Industrial Design	1	-	9	8	-	-	10	8	18
Master's Degree in Architecture with specialization in Urban Design	-	2	11	7	1	-	12	9	21
Master's Degree in Landscape Architecture	-	-	5	16	1	4	6	20	26
Master's Degree in Building Engineering and Management	-	1	10	18	-	-	10	19	29
Ph.D. Programmes	-	-	-	-	-	-	-	1	1
<b>Grand Total</b>	<b>9</b>	<b>11</b>	<b>115</b>	<b>112</b>	<b>33</b>	<b>20</b>	<b>157</b>	<b>144</b>	<b>301</b>

## CUMULATIVE OUT TURN

Cumulative out-turn of the students qualified in various courses from the inception of the School till 2013-2014

Name of the Course	Cumulative Out-turn		Total
	2012-2013	2013-2014	
Bachelor's Degree in Architecture	2953	68	3021
Bachelor's Degree in Planning	383	25	408
Master's Degree in Planning with specialization in Urban Planning	490	31	521
Master's Degree in Planning with specialization in Regional Planning	245	12	257
Master's Degree in Planning with specialization in Environmental Planning	231	15	246
Master's Degree in Planning with specialization in Housing	475	23	498
Master's Degree in Planning with specialization in Transport Planning	378	22	400
Master's Degree in Architecture with specialization in Arch. Conservation	183	10	193
Master's Degree in Architecture with specialization in Industrial Design	172	18	190
Master's Degree in Architecture with specialization in Urban Design	376	21	397
Master's Degree in Landscape Architecture	455	26	481
Master's Degree in Building Engineering & Management	460	29	489
Ph.D. Programmes	41	1	42
Master's Degree in Urban and Regional Planning	140	-	140
Post-Graduate Diploma in (equivalent to Master's Degree)			
i) Urban and Regional Planning ii) Housing and Community Planning iii) Traffic and Transportation Planning	603	-	603
<b>TOTAL</b>	<b>7585</b>	<b>301</b>	<b>7886</b>

## **THIRTY FIRST CONVOCATION OF THE SCHOOL**

The Thirty first Convocation of the School was held on 5th May, 2014. Padmashree Professor J.R. Bhalla, was the Chief Guest and Prof. Ranjit Sabikhi, Eminent Architect was the Guest of Honour on the occasion. Prof. Ram Sharma, Chairman, Executive Council, Prof. Chetan Vaidya, Director and all Heads of Departments of Studies welcomed both Chief Guest and Guest of Honour. During the meeting held with the Chief Guest and Guest of Honour, the work being carried out by the School was highlighted. Prof. Ram Sharma delivered welcome speech and Prof. Chetan Vaidya briefed about the achievements of the School. Prof. Ranjit Sabikhi addressed the gathering and Padamshri Professor J.R. Bhalla, Chief Guest delivered the convocation address. During the function a booklet containing the Messages of the Chief Guest, Guest of Honour, Chairman, Executive Council, Achievements of the School, List of Members of General Council, Executive Council, and Academic Council, Names of the Graduands eligible for award of degrees, etc. was circulated during the function. The Chairman, Executive Council admitted 176 post-graduands, 92 graduands and 5 Ph.D. graduands in person and in absentia for the award of Degree Certificates in their respective area of disciplines. During the function, following awards/medals were conferred both by the Chief Guest and the Guest of Honour for the session 2013-14. Prof. Nalini M. Thakur, Dean of Studies delivered a vote of thanks.

### **Post-Graduate**

SPA Gold Medal for the best student of Master of BEM was awarded to Ms. Parvathy U.V.(BEM/508); for the best student of Master of Planning with specialization in Housing – Ms. Amrita Kaur (H/454); for the best student of Master of Planning with specialization in Transport Planning – Mr. Udit Jain (TP/481); for the best student of Master of Planning with specialization in Urban Planning – Mr. Asfa Siddiqui(UP/1028); for the best student of Master of Architecture with specialization in Industrial Design – Mr. Rajesh R.(ID/198); Founder Director Prof. T.J. Manickam Gold Medal was awarded to Mr. Satwik Mudgal,(BP/478) Student of Bachelor of Planning and Mr. Chirag Chutani,(TP/482) Student of Master Programme in Planning with Specialisation in Transport Planning.

### **Under Graduate**

SPA Gold Medal for the best student in Bachelor of Architecture was awarded to Mr. Varun Bajaj (A/2014), for the best student in Bachelor of Planning – Mr. Satwik Mudgal (BP/478). SPA Gold Medal for the best Thesis in Bachelor of Planning was awarded to Mr. Satwik Mudgal (BP/478). General Proficiency Prizes in B. Arch. – First Prize – Mr. Varun Bajaj (A/2014) and Second Prize – Ms. Divya Bansal (A/2017). General Proficiency Prizes in B. Planning – First Prize – Mr. Satwik Mudgal (BP/478) and Second Prize – Ms. Jasprit Kaur (BP/492).

### **FOUNDATION DAY**

The Foundation Day week of the School was celebrated from 10th November 2014 to 14th November, 2014. Dr. P.C. Jain, Chairman, IGBC inaugurated the function by lighting of lamp and delivered a Special Lecture on “Green Building Movement in India – Aspiration & Challenges”. Dr. Subhash Chandra Malik, Anthropologist, Archeologist and Expert on Indian Civilization Studies presided over

the function and Shri B.G. Fernandes, Guest of Honour delivered the address on the Foundation Day held on 14th November, 2014. Prof. Ram Sharma, Chairman, Executive Council of the School also graced the occasion. During the function, following awards/scholarships were given by Dr. Subhash Chandra Malik, Chief Guest:-

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 at the third year B. Arch. Examination.

The Award was given to **Ms.Tamanna Arora (A/2364)** III B.Arch. for the session 2013-14.

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.Renuka Singh (A/2229)** for the session 2013-14.

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. Varun K. (ID/204)** for the session 2013-14.

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. Apeksha Jain (LA/496)** for the session 2013-14.

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 presented to **Ms. Radhika Tyagi (LA/490)** for the session 2013-14.

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 Urban/Regional Planning.

The award was presented to **Ms. Divya Dogra (UP/1071)** for the session 2013-14

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 for best "Thesis" in Building Engineering and Management.

The award was presented to **Ms. Meenakshi Goel (BEM/550)** for the session 2013-14.

8. **KAJARIA MERITORIOUS STUDENT AWARD** is given out of the endowment made M/s. Kajaria Ceramics Limited and was awarded to fifth B.Arch. students who secured highest marks in order of their merit (3 students)
- i) Ms. Antara Tandon (A/2126)
  - ii) Ms. Kanika Jain (A/2130)
  - iii) Mr. Syed Hamdan Hussain (2135)
9. **KOHLAR ARCHITECTURE SCHOLARSHIP** is given by M/s. Kohler India Corporation Pvt. Ltd. and was awarded to fifth B.Arch. students on the basis of all round performance up to fourth year class (5 students)
- i) Shri Aman Saini (A/2232) – 2013-14
  - ii) Ms. Anesh Nandi (A/2214) – 2013-14
  - iii) Shri Ankit Singh (A/2220) – 2013-14
  - iv) Shri Faizan Zahid (A/2272) – 2013-14
  - v) Shri Dhruv Moza (A/2299) and Ms. Divya Jain (A/2193) – 2013-14
10. **APOORVA RUSTAGI SCHOLARSHIP** is jointly given by Ms. Seema Rustagi (family of Apoorva) and alumni of BEPLANNERS in memory of **Late Ms. Apoorva Rustagi**, Ex-Student of B. Planning and was awarded to Girls Students of 3rd & 4th Year B. Planning (2 students)
- i) Ms. Apoorva Kumar (BP/531) – 2013-14 (Third Year Class)
  - ii) Ms. Sukanya Sharma (BP/560) – 2013-14 (Fourth Year Class)

Shri B.G. Fernandes, Guest of Honour presented the following prizes to the winners of the Hindi Essay Competition and Hindi Writing Competition held during the Hindi Fortnight-September 2014:-

### Hindi Essay Competition

#### Officers and Staff

- 1. Shri Girish Kumar, Assistant Registrar – First Prize of Rs.3,000/-
- 2. Shri Ashok Kumar, LIO- Second Prize of Rs.2,500/-
- 3. Shri Ashwani Kumar Chadha, Sr. Assistant Third Prize of Rs.2,000/-

#### Faculty and Students

- 1. Mr. Jyotridya Verma, Student of B. Planning – First Prize of Rs.3,000/-
- 2. Mr. Avinash Vishwakarma, Student of B.Arch. – Second Prize of Rs.2,500/-
- 3. Mr. Soubhya Sharma, Student of R.P. – Third Prize of Rs.2,000/-

#### English – Hindi Words Competition

- 1. Shri Kamal Kumar Arora, Personal Assistant – First Prize of Rs.1,500/-
- 2. Ms. Sukanya Sharma, Student of B. Planning – Second Prize of Rs.1,000/-

3. Mr. Naveen Bhurra, Student of B. Planning – Third Prize of Rs.800/-
4. Shri Ashok Kumar, LIO – Consolation Prize of Rs.500/-
5. Mr. Gaurav, Student of B. Planning – Consolation Prize of Rs.500/-

### **Hindi Writing Competition**

1. Shri Nand Kishor, Multi Task Staff –First Prize of Rs.2,500/-
2. Shri Gobind Vallabh Joshi, Multi Task Staff – Second Prize of Rs.2,000/-
3. Shri Harender Singh Bisht, Multi Task Staff – Third Prize of Rs.1,500/-

## **OFFICERS AND FACULTY OF THE SCHOOL**

### **DIRECTOR**

Prof. Chetan Vaidya  
B. Arch, Master in City Planning

### **DEAN OF STUDIES**

Prof. (Dr.) Nalini M. Thakur  
B. Arch, ARC (ICCRROM), M.A (Conservation Studies (U.K.)

### **DEPARTMENT OF ARCHITECTURE**

- Prof. Manoj Mathur  
B. Arch., FIIA
- Prof. (Dr.) Mandeep Singh  
B. Arch., M.Arch. Urban Design. FIIA, Ph.D.
- Prof. Y.K. Jain  
B.Sc. Engg. (Civil) M.Sc. Engg. (Struct) MIE
- Prof. M.L. Bahri  
B. Arch, FIIA
- Prof. (Dr.) Aruna Ramani Grover  
B. Arch. P.G. Dip. C.A, M.P (Housing), Ph.D.
- Prof. (Dr.) Anil Dewan  
B. Arch., MBEM, FIIA, Ph.D.
- Prof. (Dr.) Jaya Kumar  
B. Arch., AIIA, Ph.D.
- Prof. (Dr.) Ranjana Mittal  
B. Arch., PG, DIP. CA, Ph.D.
- Dr. P. Rajaprakash  
B. Arch., M.L.A., A.I.I.A, Ph.D.
- Shri S.K. Aaditya  
B. Arch. AIIA, MISTE
- Shri Prabhjot Singh Sugga  
B. Arch, MS (UP)
- Ms. Parul Kiri Roy  
B. Arch, MA (Fine Arts)
- Ms. Moulshri Joshi  
B. Arch.

- Shri Shovojit Sarkar  
B. Arch, M. Plag. (Envint), AIIA, AITP
- Shri S.P. Shrivastava  
B.Sc. Engg. (Civil), ME (Civil)
- Aarti Nagpal  
B.Arch., M.Plan., (U.P.), PGPCM (Const. Mgmt.)
- Arpita Dayal  
B.Arch., M.Arch., (U.D.)
- Anjali Mittal  
B.Arch., M.Sc. in City Design and Social Science
- Saptarishi Sanyal  
B.Arc., M.Arch., (Arch. Cons.)
- Mekhla Parihar  
B.Arch., M.Arch., (Human Behaviour and Environment)
- Vandana Kothari  
BFA, MFA

## **DEPARTMENT OF PHYSICAL PLANNING**

- Dr. R. Biswas  
B.E. (Civil), MRP. Ph.D. AITP. AEE, ISRS, MIUT
- Prof. (Dr.) Mahavir  
B.Arch., MP (URP), P.G.Dip.(Remote Sensing)  
(ITC) Netherlands, Ph.D.(Netherlands), FITP
- Prof. (Dr.) Ashok Kumar  
M.Sc. (Geog.), MP. (URP), PGDHRM, Ph.D. (Liverpool U.K), FITP
- Dr. Mayank Mathur  
B.Arch., M.P (Housing), PG Dip. (HPB), (Netherlands), Ph.D, AITP, IIA
- Dr. Poonam Parkash  
B. Arch., M. Housing, Ph.D., AITP, MISoCaRP
- Ms. Taru Jain  
B.Plan, MSE (TP & Engg.) (UK), AITP, MISoCaRP, MRC, MIUT
- Priti Deo  
M.Plan.(R.P.) M.A. (Geo.)
- Papiya Bandhopadhyay Rout  
M. Plan. (R.P.), M.A. (Geo.), AITP

- Piyoosh Singh  
B.Arch., MCP, AITP

## **DEPARTMENT OF ARCHITECTURAL CONSERVATION**

- Prof. (Dr.) Priyaleen Singh  
B. Arch, M.L.A, M.A (Consvn) (UK), Cert. in RM&HC (Italy), Ph.D (U.K)
- Prof.Nalini M.Thakur  
B. Arch, ARC'82 ICCROM (Rome), M.A (Consvn.) (UK)
- Ms. Anuradha Chaturvedi,  
B.Arch, M.A. (Consvn. U.K), Cert. in Archaeological Consvn.), ASI
- Laxmi Priya T.  
B.Arch., M.Arch., Architectural Conservation, RRCH (ICCROM)

## **DEPARTMENT OF BUILDING ENGINEERING MANAGEMENT**

- Prof. (Dr.) V.K. Paul  
B. Arch., M. BEM., A.I.I.A, Ph.D

## **DEPARTMENT OF ENVIRONMENTAL PLANNING**

- Prof. (Dr.) Meenakshi Dhote  
B.Arch, MLA, Ph.D
- Nerha Goel Tripathi  
B.Arch., M.Plan. (E.P.), Ph.D.

## **DEPARTMENT OF HOUSING**

- Prof. (Dr.) P.S.N. Rao  
AIIA, B.E. (Civil), MP Housing) Ph.D, Cert. Art Appr. (NGMA), Cert.Art. Appr. (NM), Cert. Urban Mgt. (Canada), FITP, FIE, FIV
- Ruchita Gupta  
B. Arch, M.Planning, Ph.D.
- Harshita Deo  
B.Arch., M.Planning

## **DEPARTMENT OF INDUSTRIAL DESIGN**

- Prof. Neerja Tikku  
B. Arch., PG.DIP. T&CP (URP), FITPI, FIIA
- Shri Parag Anand Meshram  
B.E (Electronic Engg.), M.Des (ID, IIT Delhi)
- Ms. Krity Gera,  
B. Arch., M.Arch.(ID)

- Aditi Singh  
B.Arch., M.Arch. (ID)

## **DEPARTMENT OF LANDSCAPE ARCHITECTURE**

- Prof. (Dr.) Rommel Mehta  
B. Arch., P.G.Dip. Landscape Arch., Ph.D, AIIA
- Prof. (Dr.) Surender Suneja  
B.Sc, PG Dip. (L.A.), Ph.D, FISOLA
- Arti Grover  
B.Arch., M.L. Arch.

## **DEPARTMENT OF REGIONAL PLANNING**

- Dr. Vinita Yadav  
MA (Geog.) M.(UP), MBA (FM), AITP, Ph.D (JNU)
- Chetna Singh  
M.A. (Geog.), M.Plan. (R.P.), AITP

## **DEPARTMENT OF TRANSPORT PLANNING**

- Prof. (Dr.) P.K. Sarkar  
B.E.(Civil), PG Dip. In TCP (TTP), M.Sc.In (Transport Engg.) (UK), Ph.D, AITP, MIHT (U.K), MIE, MIRT, MIUT, Fellow (Inst of Surveyers)
- Prof. (Dr.) Sanjay Gupta  
M.Sc.(Stat), MTP, Ph.D, FITP, MCILT (UK), MIUT, MIRT
- Dr. Sewa Ram  
B. Tech. (Civil Engg.), M.Plng. (TP), AITP, Ph.D.
- Bhaskar Gowd Sidhagani  
B.Tech. (Civil), M.Plan. (Transport Planning)

## **DEPARTMENT OF URBAN DESIGN**

- Shri Arunava Dasgupta  
B.Arch., M.Arch., (U.D)
- Manu Mahajan  
B.Arch., M.Arch., (U. D), M.Sc. (Development Planning)

## **DEPARTMENT OF URBAN PLANNING**

- Prof. (Dr.) Sanjukta Bhaduri  
B.Arch, MCP, Ph.D, AITP, IIPA(Life Member)

- Shri M. Pallanippan  
M. A. (Eco), MP (URP), M.Phil (Tourism Mangnt), MPS (Population Studies), AITP, MITP (URP)
- Ms. Chidambara  
B. Plan, M. (TP)
- Nilanjana Das Gupta Sur  
M.Sc. (Geography), M.Plan. (Urban Planning)

### **CENTRE FOR ANALYSIS AND SYSTEM STUDIES (CASS)**

- Prof. (Dr.) Vinay Maitri  
M.Sc. (Stat), Ph.D., MCP, MCSD, MCILT (UK), MIUT, MIRT

## **DIRECTOR'S PROFESSIONAL ACTIVITIES: 2014-15**

### **International Visit**

- As Asia Visiting Fellow, Melbourne University, Australia during August-September 2014 delivered "Lessons from Urban Innovations in India" Public Lecture at the Melbourne University and presentation on "Role of Smart Cities in India's Economic Development" organized by Australia India Institute, Melbourne.
- Invited to be a Resource Person for Seventh International Festival of Research and Innovations and Conference on Urban Management in Tehran organised by Tehran Municipality in association with the Tehran University, January 4-5, 2015. Presentation on "Lessons from Urban India" in a panel discussion on Islamic Cities during the Conference.

### **Chairman/Member of Committee/ Expert Groups**

- Chairman, All India Planning Education Board, AICTE, New Delhi.
- Member, Advisory Group, "Review of Master Plan of Delhi- 2021" set by Lt. Governor, Delhi.
- Trustee, Indian Heritage Cities Network, Bangalore.
- Member, National Appraisal Committee on Tagore Cultural Complexes, Ministry of Culture, Government of India (GOI).
- Chairman, Technical Advisory Committee on "HUDCO Award for Best Practice to Improve Living Environment- 2013-14", set up by HUDCO, New Delhi.
- Member, Project Appraisal Board, Design Innovations Center and National Design Network set up by Ministry of Human Resource Development (MHRD), GOI.
- Member, Rajasthan Urban Commission set up by Government of Rajasthan.
- Member, Central Seat Allocation Board (CSAB) for JEE (Main), 2014 set up by MHRD, GOI.
- Member, Core Group, Direct Admissions for Students Abroad (DASA) set up by MHRD, GOI.
- Member, "Academic Council" DIT University, Dehra Dun.
- Special Invitee, "Committee to Examine Comprehensive Amendments in the Architects Act, 1972" Chaired by Prof. J. R. Bhalla, Committee constituted by MHRD, GOI.
- Member, "Committee on University Ranking System" constituted by MHRD, GOI.
- Member Advisory Committee on "Service Level Benchmark on Urban Services" by MOUD, Water and Sanitation Program of the World Bank and PRIA.
- Director, M.P. Housing and Infrastructure Board appointed by State Government of Madhya Pradesh.
- Special Invitee, Committee on Land Requirements for Centrally Funded Institutions Chaired by Secretary Higher Education, MHRD (Feb. 17, 2015).

- Member Advisory Council Chief Minister of Madhya Pradesh.
- Member, State Level Strategic Urban Expert Committee set up Andhra Pradesh State Government

## **Presentations and Papers**

- Chairman, Technical Session, “Workshop on Urban and Regional Plan Formulation and Implementation” organized by MOUD, TCPO and IIPA, New Delhi, 4 April 2014.
- Chairman, Session on “Financing of Public Infrastructure”, Conference on Financing Metropolis Governance in Developing Countries, ICRIER, New Delhi, 23 April, 2014
- Key Speaker, “National Workshop on Architectural Education Pedagogy” organized by SPA-Vijaywada, 24 May, 2014.
- Presentation on, “Urban Challenges and Opportunities” Indian Foreign Service Probationers (2013 batch), Indian Council of Cultural Affairs, New Delhi, 29 May, 2014.
- Chairperson, Session on, “Citizens Participation and Innovations” during Workshop on Improving Urban Water Supply and Sanitation Services, World Bank and MOUD, Jaipur, 17 June 2014.
- Member, Peer Review Committee of Anna University set by National Assessment and Appraisal Council, Chennai, 23-26, 2014.
- Chairman, Session on “Urban Financing in India” Metropolis World Congress, organized by Greater Hyderabad Municipal Corporation and Telangana State Government, Hyderabad 7 October, 2014.
- Chairman, Session on “Sustainability of Smart City Program”, Workshop on Smart City and Capacity Building organized by MOUD, Telangana State Government and CEPT University, Hyderabad, 7 November, 2014.
- Paper presented on “Planning Education for Smart Urban India” and Chaired a Session on ‘Planning Education Pedagogy’ during International Workshop on Town and Country Planning Education: Retrospect and Prospect organized by the Mysore University and ITPI in association with SPA-Delhi-Vijaywada and Bhopal in Mysore on November 21-22, 2014.
- Member, Panel Discussion on, “What they do not Teach at Design School?” during Design Dialogue organized Urban Sanitation Journal by in Mumbai December 5, 2014.
- Chairperson Panel Discussion on “Smart Planning” in a Seminar on GIS and Smart City organized by ESRI India and ITPI (India), New Delhi, December 11, 2014
- Participated as an Expert in “Consultative Workshop on Smart City”, organized by Ministry of Urban Development New Delhi, January 30-31, 2015
- Chairperson Session on Governance and Regulation as part of International Symposium on Infrastructure Management, organized by IIT Kharagpur in Kolkata Feb. 28, 2015.
- Chairperson Session on, “Climate Resilient and Built Environment” as part of GRIHA Summit 2015 organised by TERI March 12, 2015.

- Presentation on “Integrating Urban Planning with Urban Health and Resilience City Development” during Second National Conference of Urban Health Society of India, Jaipur, April 4, 2015.

## **Publications**

- Paper on, “Urban Governance in India: Recent Initiatives” in India’s Urban Confusion-Challenges and Strategies Book, M. Ramachandran (Ed.), Copal Publishing, 2014 (ISN 978-93-83419-050-0).
- Paper on, “Is India ready to plan a SMART urban future? – Planning education in the post liberal Urban India” Jointly with Dr. Rolee Aranya Yojana, Journal of Planning Commission, New Delhi, September 2014 issue.
- Book Review, “Urbanization in India-Challenges, Opportunities and the Way Forward” by Dr. Isher Judge Ahluwalia, Dr. Ravi Kanbur and Dr. P. K. Mohanty, (SAGE Publications) in Urban India Journal, NIUA, Volume 34 Issue I, January-June 2014.
- Note on, “Planning for Smart Cities” Infrastructure Today Journal, March 2015.

## **Others**

- Academic Advisor, Cook, Mitchel (MIT, USA), “Municipal Finance Reform in Bangalore” Fulbright Scholar funded by USIEF, New Delhi.

## DEPARTMENT OF ARCHITECTURE

**1. Name of the Department**

Department of Architecture

**2. Names of academic programs offered by the Department**

- Bachelor of Architecture
- Doctor of Architecture

**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 Qualification	Area of Specification	Number of Year of Experience	COA Registration
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**PROFESSORS**

Mandeep Singh	B.Arch., SPA-Delhi, 1979 M.Arch (UD), 1986 Ph.D.2014	Architectural Design, Urban Design, Earthquake Resistant Architecture	35	CA/80/5693
M. L. Bahri	B.Arch , SPA-Delhi, 1975	Architectural Design, Building Construction	39	CA/79/04539
Manoj Mathur	B.Arch., SPA-Delhi, 1982 PG Dip. in Health Facilities, SPA, 1989	Architectural Design, Housing	32	CA/ 84/ 8183
Aruna Ramani Grover	B.Arch, SPA-Delhi, 1984 M'Plan (Housing), SPA, 1995, Ph.D.	Architectural Design, Housing, Theory of Design, Alternate Technologies, Architectural History, Sustainable design	30	CA/85/9202
Anil Dewan	B.Arch., SPA-Delhi, 1982 MBEM, SPA, 2003, Ph.D	Architectural Design, Health facility Planning, Project Management	32	CA/83/7565

Jaya Kumar	B.Arch, SPA-Delhi, 1979 Ph.D 2014	Environment planning for Children, Architectural Design	35	CA/81/6122
Ranjana Mital	B.Arch., SPA-Delhi, 1979 PhD, 2003	Architectural Design, Architectural History, Housing	35	CA/81/6196
YK Jain	B.Sc. (CE), Punjab Engg. College, 1976 M.Sc. Engg Civil (Structural), 1980	Structural Engineering	38	Registered with IE

### ASSOCIATE PROFESSORS

Leon A Morenas	B.Arch, Thiagarajar College of Engineering, Madurai, 2000 M.Arch (UD), SPA- Delhi, 2002 Ph.D. Rensselaer Polytechnic Institute, New York, 2010	Architectural Design, Urban Design, Theory of Design, Science and Technology Studies	8	CA/2011/51131
Shweta Manchanda	B.Arch, SPA-Delhi, 1998 M.Phil, 2000 PhD, Cambridge University, 2008	Architectural Design, Energy and Environment, Sustainable Urbanism	12	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	25	CA/93/15532
S K Aaditya	B.Arch., VRCE, Nagpur, 1986	Architectural Design,	28	CA/88/11735

Parul Kiri Roy	B.Arch TVB, Delhi MFA (History of Art)	Architectural Design, Graphics, Art, History	12	CA/2001/28679
Shuvojit Sarkar	B.Arch., TVB, Delhi, 2002 M.Plan (Env.) SPA- Delhi,2005	Architectural Design, Environmental Planning	11	CA/2004/32924
Prabhjot Singh Sugga	B.Arch., SPA-Delhi, 2001 MS (UP), Columbia University, 2004	Architectural Design, Vernacular Architecture, Disaster management	11	CA/2008/42234
S. P. Shrivastava	B.Sc. Engg., (Civil), 1984 M.E. (Civil), 1991	Soil Mechanics and Foundation Engineering	21	Registered with IE, IASE
Moulshri Joshi	B.Arch., SPA- Delhi, 2003	Architectural Design, Industrial Heritage	11	CA/2005/36850
Arpita Dayal	B.Arch., Vastu Kala Academy, Delhi, 2003 M.Arch (UD), SPA, New Delhi, 2009	Architectural Design, Urban Design	9	CA/2007/39718
Anjali Mital	B.Arch. TVB, Delhi 2005 M.Sc. (City Design and Social Science), LSE, London, 2008	Architectural Design, Urban Design, Urban Planning and Policy, Sociology	9	CA/2009/45148
Mekhla Parihar	B.Arch, NIT, Bhopal, 2002 M. Arch, Kansas State University, 2005	Architectural Design, Environment Behaviour	9	CA/2007/39659
Saptarshi Sanyal	B.Arch, SPA- Delhi, 2006 M.Arch (Arch. Cons), SPA- Delhi, 2008	Architectural Design, Architectural History, Building Construction, Architectural Graphics, Art Appreciation	7	CA/2009/46924

Aarti Nagpal	B.Arch. DCRUST-Murthal-2008 M.Plan (UP), MNIT, Jaipur- 2011 PGPCM (Const. Mgmt.), SODE-NICMAR, 2011	Architectural Design, Construction Management, Urban Planning, Interior Design.	5	CA/2009/45861
Vandana Kothari	BFA (Painting) Rajasthan University, Jaipur, 1999 MFA, (History of Art) Visva –Bharati Shantiniketan, 2002	Painting, History of Art	14	NA

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours/ Week
Mandeep Singh	July-Dec 2014	V Year (Urban Design Studio), Building Construction (Lecture and Studio)	12
	Jan- May 2015	Thesis Studio, Building Construction (Lecture and Studio)	12
M. L. Bahri	July-Dec 2014	Architectural Design, Building Construction (Lecture and Studio)	13
	Jan- May 2015	Architectural Thesis, Building Construction (Lecture and Studio)	13
Manoj Mathur	July-Dec 2014	IV Year (Housing Studio), II Year (Building Construction), Dissertation, Seminar	14
	Jan- May 2015	Internship Coordination, II Year Coordinator, II Year Building Construction	14
Aruna Ramani Grover	July-Dec 2014	Architectural Design VII, History of Architecture, Dissertation	13
	Jan- May 2015	Architectural Thesis, Professional Training, History of Architecture	13
Anil Dewan	July-Dec 2014	III Year Architectural Design, V Year Advanced Building Technologies, Dissertation, Elective	14

	Jan- May 2015	III Year Architectural Design, V Year Professional Practice, Elective	14
Jaya Kumar	July-Dec 2014	III Year Architectural Design, IV Year Dissertation (Coordinator and Guide), V Year Seminar (Coordinator)	14
	Jan- May 2015	III Year Architectural Design Coordinator, V Year, V Year Training Coordinator	13
Ranjana Mital	July-Dec 2014	Architectural Design VII, Seminars in Architecture( Coordinator & Guide) and Dissertation Guide	14
	Jan- May 2015	Architectural Design II, Elective, Coordinator IV yr training	14
YK Jain	July-Dec 2014	III Year Building Management (Lecture & studio) III Year Theory of Structures (Studio) II Year Theory of Structures (Studio) I Year Theory of Structures	13
	Jan- May 2015	III Year Theory of Structures (Lecture & studio) III Year Building Management (Studio) II Year Theory of Structures (Studio) Leon A Morenas	13
	July-Dec 2014	I Year Architectural Design Studio, III Year Theory of Settlements, V Year Elective, and Dissertation (Coordinator and Guide)	16
	Jan- May 2015	I Year Architectural Design Studio, I Year Theory of Design, IV Year Elective	14
Shweta Manchanda	July-Dec 2014	III Year Architectural Design Studio, IV Year Building Science and Services, Dissertation (Coordinator and Guide)	14
	Jan- May 2015	III Year Architectural Design Studio, I Year Building Science and Services, Iv Year Elective	14
Rajaprakash P.	July-Dec 2014	V Year Architectural Design Studio, I Year Workshop, III Year Theory of Design, I Year Graphics Studio, Dissertation (Guide)	18
	Jan- May 2015	III Year Architectural Design Studio,	18

		III Year Theory of Design, III Year Building Construction I Year Computers	
S K Aaditya	July-Dec 2014	IIIrd Yr. Architectural Design studio, IVth Yr. Dissertation (Guide), Ist Yr. Workshop, Ist Yr. Building Management (Surveying and Leveling)	17
	Jan- May 2015	IIIrd Yr. Architectural Design studio, IIIrd Yr. Building Construction, Ist Yr. Building Science and Services (Climatology), Ist Yr. Computer	17
Parul Kiri Roy	July-Dec 2014	II Year Architectural Design, II Year History of Architecture, II Year Graphics and Communication and I Year Graphics and Communication, Dissertation (Guide)	18
	Jan- May 2015	II Year Architectural Design, II Year History of Architecture, II Year Graphics and Communication, II Year Building Construction.	16
Shuvojit Sarkar	July-Dec 2014	I Year Architectural Design, I Year Building Science and Services, IV Year Dissertation (Guide), I Year Graphics and Communication, and Building Construction	17
	Jan- May 2015	I Year Architectural Design, I Year Environmental Studies, I Year Theory of Design, IV Year Elective, I Year Graphics and Communication	20
Prabhjot Singh	July-Dec 2014	Architectural Design III, Theory of Settlements III, Dissertation (Coordinator and Guide), Workshop I, Climatology I, Building Construction III	20
	Jan- May 2015	Architectural Design IV, Theory of Settlements IV, Building Construction IV	16
S P Shrivastava	July-Dec 2014	Theory of Structures (Lecture) Theory of Structures (Studio) Building Mgmt. (Surveying-Lecture) Building Mgmt. (Surveying-practice)	17
	Jan- May 2015	Theory of Structures (Lecture) Theory of Structures (Studio)	18

		Building Mgmt. (Est.&Cost.-Studio)	
Moulshri Joshi	July-Dec 2014	Architectural Design II, Theory of Settlements, Theory of Design, Dissertation	17
	Jan- May 2015	Architectural Design II, Theory of Settlements, Theory of Design, Graphics	16
Arpita Dayal	July-Dec 2014	Architectural Design 1 , Art Appreciation, History of Architecture, Dissertation	16
	Jan- May 2015	Architectural Design 1 , Building Construction, History of Architecture, Library Hr.	17
Anjali Mittal	July-Dec 2014	Architectural Design, Theory of Settlement, Graphics and Communication, Dissertation, Seminar	16
	Jan- May 2015	Architectural Design, Theory of Design, Graphics and Communication, Computers	16
Aarti Nagpal	July-Dec 2014	Architectural Design I, Building science & services, Building construction IV, Graphics I	18
	Jan- May 2015	Architectural Design II, Theory of Settlements, Building construction II	16
Mekhla Parihar	July-Dec 2014	Architectural Design, Building Construction, Theory of Settlement, Dissertation	16
	Jan-May 2015	Architectural Design, Building Construction, Building Science and Services, Environment Studies	17
Saptarshi Sanyal	July-Dec 2014	Architectural Design II, Building Construction II, History of Architecture II, Art Appreciation, Dissertation, Elective (Introduction to Architectural Conservation w/ 4th year)	18
	Jan- May 2015	Architectural Design II, Building Construction II, History of Architecture II, Art Appreciation, Elective (Concepts of Architectural Conservation w/ 5th year)	17
Vandana Kothari	July-Dec 2014	Graphics XG01 & XG03 Art Appreciation (III Sem.) Dissertation	18
	Jan- May 2015	Graphics XG02 & XG04 Art Appreciation (IV Sem.)	17

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

<b>Name of the Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Hours/Week</b>
Mandeep Singh	July-Dec 2014 Jan- May 2015	Urban Design I year Studio	4

**7. (a) Details of teaching work undertaken by the Visiting Professors, Visiting Faculty etc. in the Department**

**Visiting Professors**

<b>S.No.</b>	<b>Name of Visiting Professor</b>	<b>Semester</b>	<b>Subject (Theory Studios)</b>	<b>Hours/ Week</b>	<b>Educational Qualification</b>	<b>COA Registration</b>
1	Amit Bahl	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B.Arch, 1996	CA /1997/22298
2	Amit Hajela	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 12	B.Arch., 1989 M.Arch, SPA, 1992 PhD, SPA, 2012	CA/92/14426
3	Anil Bhatia	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch., 1982	CA/87/11161
4	Anuj Mehta	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B.Arch., 1987	CA 88/11912
5	Ashok Grover	July - Nov 2014  Jan - April 2015	Bldg. Construction, Bldg. Science & Services  Bldg. Construction, Bldg. Science & Services	12  12	B.Arch, SPA, New Delhi - 1980  M.Arch. (Arch. Design), Chitkara University, 2012	CA/82/6756
6	Ashwani Kumar Datta	July - Nov 2014 Jan - April 2015	Arch. Design, Dissertation Arch.Design	12 9	B.Arch., 1986 M.Arch., USA, 1989	CA/92/14507

7	B K Tanuja	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B. Arch., 1980	CA/82/7078
8	Bashabi Dasgupta	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B.Arch., 1969	CA/85/9333
9	Kapil Mathur	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch, 1994	CA/96/20344
10	Meena Mani	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B.Arch, 1971	CA/82/6996
11	Mohd. Shaheer	July - Nov 2014 Jan - April 2015	- Thesis	 9		
12	Neeraj Manchanda	July - Nov 2014 Jan - April 2015	- Thesis	 9	B.Arch.	CA/87/10767
13	Pravesh Ghai	July - Nov 2014 Jan - April 2015	Bldg. Construction B.C., Bldg. Mgmt., Bldg. Science & Services	12 12	B. Arch. 1985	CA/ 86/ 09977
14	Priyamwada Chadha	July - Nov 2014 Jan - April 2015	Thesis Arch. Design	9 9	B.Arch, 1978	CA/79/5349
15	Rafiq Kidwai	July - Nov 2014 Jan - April 2015	Thesis Arch. Design	9 9	B.Arch., 1978	CA/1982/7105
16	Raka Chakravarty	July - Nov 2014 Jan - April 2015	- Thesis	 9	B. Arch., 1975	CA/79/4874
17	Richard Andre Barraud	July - Nov 2014 Jan - April 2015	Bldg. Construction, Arch. Design Bldg. Construction, Arch. Design	13 13	B.Arch., 1979	CA/87/11219
18	Sambuddha Sen	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B. Arch. 1973	CA/75/736
19	Sandip Kumar	July - Nov 2014 Jan - April 2015	Arch. Design, Seminar Thesis	7 9	B.Arch., 1992	CA/94/17309
20	Satish Khanna	July - Nov 2014 Jan - April 2015	Bldg. Construction, Arch. Design Bldg. Construction, Thesis	12 12	B.Arch, SPA-Delhi, 1972	CA/75/448
21	Savita Punde	July - Nov 2014 Jan - April 2015	- Thesis	 9	GD Arch., 1978 M. Arch. (Landscape)	CA-827054

22	Shiriesh Malpani	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 9	B.Arch, 1978	CA/79/5314
23	Snehanshu Mukherjee	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	9 12	B.Arch., 1982 M.Arch. 1988	CA./84/8545
24	Sonia Kapre	July - Nov 2014 Jan - April 2015	Bldg. Construction, Arch. Design Thesis	9 9	B.Arch., 1977	CA/78/4696
25	Suneet Mohindru	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	7 9	B.Arch. 1995, M. Arch. (Landscape), 1997	CA/96/19927
26	Sushil Aggarwal	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch. 1984	CA/85/9137
27	Vandana Shourie	July - Nov 2014 Jan - April 2015	- Graphics	1 2	B.Arch., 1976	CA/77/4196

S.No.	Name of Visiting Faculty	Semester	Subject (Theory and Studios)	Hours/ Week	Educational Qualification	COA Registration
1	Abid Husain	July - Nov 2014 Jan - April 2015	- Bldg. Science & Services	2	B.Sc., 1980	-
2	Ajay Desai	July - Nov 2014 Jan - April 2015	Graphics Graphics	6 9	B.F.A , M.F.A	-
3	Alpna Rohtagi	July - Nov 2014 Jan - April 2015	Elective -	2	B.Arch., 1998, M. Des. , 2001	
4	Amandeep Garg	July - Nov 2014 Jan - April 2015	- Structural	3	B.Tech (Civil)	-
5	Amar Puri	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	5 5	B.Arch.,, 1973	CA/77/3700
6	Amitesh Grover	July - Nov 2014  Jan - April 2015	-  Arch. Design, Graphics	  6	M.A. (Theatre Direction), NSD, 2004, MA (Live & Digital Arts), UK, 2006	Nil

7	Amit Krishn Gulati	July - Nov 2014 Jan - April 2015	- Elective	2	Dip. In Industrial Design, SLPEP, Ahmedabad, 1995	Nil
8	Amit Prabhakar	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch, 2002	
9	Amritha Ballal	July - Nov 2014 Jan - April 2015	Seminar -	1	B.Arch, 2003	CA/2005/36966
10	Andrew Fanthome	July - Nov 2014 Jan - April 2015	Elective -	2	B.A. (Hons) Eco., 2002	Nil
11	Anika Mittal	July - Nov 2014 Jan - April 2015	Dissertation -	3		
12	Anurag Roy	July - Nov 2014 Jan - April 2015	Bldg. Construction -	4	B.Arch., 1976	CA/79/5092
13	Archana Gupta	July - Nov 2014 Jan - April 2015	Seminar Theory of Design, Graphic	1 5	Dip. In Arch., , 1997 M.Sc. in Sustainable Development, 2009	Member
14	Archana Khanna	July - Nov 2014 Jan - April 2015	Dissertation, Seminar -	4	B.Arch., 1991, M.U.D. 1993	CA/92/14678
15	Ashok Kumar Mittal	July - Nov 2014 Jan - April 2015	Structural Structural	8 6	B.Sc, B.E (Hons.) U.O.R.,ME (Structres) (Hons), U.O.R, PG Dip. In Earthquake Engg., Japan, Ph.D, U.O. R.	NIL
16	Ashwani Kumar Jha	July - Nov 2014 Jan - April 2015	Maths -	6	B.SC (Hos), 1994	-
17	Baishakhi Pal	July - Nov 2014 Jan - April 2015	Graphics -	3		
18	Bhaskar Agarwal	July - Nov 2014 Jan - April 2015	- Computer	4	B. Arch, 2008, M. Arch. 2012	CA/2009/44952

19	Binod Kumar	July - Nov 2014 Jan - April 2015	Bldg. Mgmt. -	3	B.E.,M.E.Ph.D	Registered with IE
20	Czaee Malpani	July - Nov 2014 Jan - April 2015	Dissertation -	3	B.Arch., 2007, M.Arch., 2011	CA/2008/42006
21	Deepak Madhok	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	5 5	N.D. Arch., 1975	CA/76/2541
22	Deepti Gupta	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design, Bldg. Mgmt	9 8	B.Arch., 1990 MBEM, 1995	CA/91/13696
23	Dhiraj K. Khanna	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch, SPA, 2000	CA/2001/27412
24	Divya Chopra	July - Nov 2014 Jan - April 2015	Arch. Design, Seminar Elective	6 2	B.Arch, 2005, M. Arch. 2007	
25	Francis Joseph	July - Nov 2014 Jan - April 2015	Graphics -	6	B.E. (Mech.)1988, AEP Produce Design Diploma, 1991	-
26	Gaurav Sharma	July - Nov 2014 Jan - April 2015	Arch. Design -	9	B.Arch, 2002, M. Sc (AC), 2006	CA/2002/30516
27	Gaurav Shorey	July - Nov 2014 Jan - April 2015	Elective, Seminar, Dissertation Bldg. Science & ConstrucServicection Mgmt., 2006	6 2	B.Arch., 2004, PG Dip. in Advanced	-
28	Gaurav Watts	July - Nov 2014 Jan - April 2015	Bldg. Construction -	3		
29	Gauri S Gandhi	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 12	B.Arch., 2001 M.Arch	CA/2002/30152
30	Golak Bihari Khandaul	July - Nov 2014 Jan - April 2015	- Graphics	3		
31	Gunjan Jain	July - Nov 2014 Jan - April 2015	Bldg. Science -	4	B.Arch, 2003 M.Plng, SPA,	CA/2005/35994
32	H G Nambiar	July - Nov 2014 Jan - April 2015	Bldg. Construction -	3	B.Arch, 1987, MCP, 2010 Pursuing PhD	CA/87/11213

33	Henri A Fanthome	July - Nov 2014 Jan - April 2015	Arch. Design Bldg. Construction Arch. Design	9 13	B.Arch., 2004	CA/2005/37105
34	Indrani Ghoshal Basu	July - Nov 2014 Jan - April 2015	Bldg. Science & Services Bldg. Construction	2 4	B.Arch. 1990 ME, 1998	CA/92/15023
35	Jagdish Chander Wason	July - Nov 2014 Jan - April 2015	Structural Structural	10 10	Dip. in Civil Engg., Engg., 1959 1959, AMIE, 1964 ME(Civil), 1976	Registered with IE
36	Jagmohan Bangani	July - Nov 2014 Jan - April 2015	Graphics Graphics	6 3	BA (Dwg. & Painting), 1998, MA (Dwg. & Painting), 2000	NA
37	Jatinder Marwaha	July - Nov 2014 Jan - April 2015	- Elective	2	B.Arch, 1993	-
38	Jensil John	July - Nov 2014 Jan - April 2015	- Computer	4	B.Arch., 2006 M.Arch., 2011	CA/2007/40764
39	Kalpana Sethi	July - Nov 2014 Jan - April 2015	- Thesis	9	B.Arch., 1977 PG Dip. In I R and HR	CA – 7068
40	Kanak Tiwari	July - Nov 2014 Jan - April 2015	Seminar	1	B.Arch., 2001, M. U.D., 2003	CA/2003/31017
41	Kapil Chaudhary	July - Nov 2014 Jan - April 2015	Bldg. Mgmt., Structural Structural	9 6	Civil, A.I.E	-
42	Kuldip Chander	July - Nov 2014 Jan - April 2015	Structural -	6 3	B.Sc. Engg. (Civil), 1968 M. Tech, 1981, Ph.D, 1988	
43	Lalit Solanki	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	8 8	B.Arch., 1983	CA-7564/1983
44	Madhav Raman	July - Nov 2014 Jan - April 2015	Theory of Design Theory of Design	2 2	B.Arch, 2001	CA/2003/32089
45	Madhu Pandit	July - Nov 2014 Jan - April 2015	Arch. Design -	6		
46	Manoj Mital	July - Nov 2014	Structural	8	BE., 1985, MSc, 1985,	-

		Jan - April 2015	Structural	5	MS, 2005	
47	Mark Warner	July - Nov 2014 Jan - April 2015	Graphics -	3	B.Arch, 1975	-
48	Mitra Mitra	July - Nov 2014 Jan - April 2015	Arch. Design -	9	B.Arch, 1971	
49	Mohd. A Pasha	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch. 2002	CA/2003/31300
50	Mohit Kumar	July - Nov 2014  Jan - April 2015	Bldg. Construction -	3	B.Arch, SPA, 1999 MBA, 2013	CA/99/25267
51	Mukesh Jain	July - Nov 2014  Jan - April 2015	- Bldg. Mgmt.	2	AMIE, Civil Engg., 1986 MBA, Real Estate, 2009	-
52	Mukta Naik	July - Nov 2014  Jan - April 2015	Dissertation, Seminar -	4	B.Arch., 1999, M.U.R. Plang. 2002	CA/2000/26556
53	Nirmal Kulkarni	July - Nov 2014 Jan - April 2015	- Arch. Design	6	GD Arch., 1980	CA/87/10556
54	Nishikant Bain	July - Nov 2014 Jan - April 2015	- Bldg. Construction	4		
55	Nitin Behl	July - Nov 2014 Jan - April 2015	Structural Structural	3 3	B.E (Civil), 2000, M.Tech Structures, 2013	-
56	Nupur Prothi Khanna	July - Nov 2014  Jan - April 2015	Elective Elective	2 2	B. Plan., 1994, M. Arch. (Landscape), 1996, M.A. (Conservation Studies), 2003	-
57	P. Majumder	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	5 5	B.Arch. 1996 PG Dip.(Cert.) Arch. and , Housing 1972	CA / 76 / 3086
58	P.C. Jain	July - Nov 2014	-		B.Sc (Engg), 1957, MSME, 1960 Ph.D, 1967	Registered with IE

		Jan - April 2015	Bldg. Science & Services	1	ND Arch, SPA, 1974	
59	P.C. Jethi	July - Nov 2014 Jan - April 2015	Bldg. Construction -	3	N.D. Arch., 1974	CA/76/2654
60	P.R. Mehta	July - Nov 2014 Jan - April 2015	- Bldg. Mgmt.	4	B.Arch , 1976 PG Dip in Arch (UD), 1979	CA/77/3604
61	Pankaj Khanna	July - Nov 2014 Jan - April 2015	- Arch. Design	7		
62	Pavan Kumar Gupta	July - Nov 2014 Jan - April 2015	Bldg. Construction, Bldg. Mgmt. -	6	B.Arch., 1982	CA/83/7877
63	Peu Banerjee	July - Nov 2014 Jan - April 2015	Seminar -	1	B.Arch, 1992 M.Phil, 2005	CA/93/16363
64	Piyush Arora	July - Nov 2014 Jan - April 2015	Structural -	5	B.Tech, 2000 M.Tech., 2003	-
65	Prasanta Mukherjee	July - Nov 2014 Jan - April 2015	- Graphics	6	B.F.A, 1988 M.F.A, 1990	-
66	Priyanka Narula	July - Nov 2014 Jan - April 2015	Dissertation -	3		
67	Radhika Viswanathan	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch., 1978	CA/81/6186
68	Rahoul B. Singh	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch, 1997 BFA, 1997	CA/97/21894
69	Rahul K. Patel	July - Nov 2014 Jan - April 2015	Structural Structural	6 6	BE, 1984	-
70	Rahul Sen	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch, 2000	CA/2002/2978
71	Rajeev Agarwal	July - Nov 2014 Jan - April 2015	Arch. Design -	9	B.Arch., 1988	CA.88/11915
72	Rajeev Mahajan	July - Nov 2014 Jan - April 2015	Computer Computer	6 8	BE, 1984 ME, 2006	-
73	Rajiv Bhakat	July - Nov 2014 Jan - April 2015	Dissertation Theory of Design	3 4	B.Arch, 2000 M.Arch, 2002	CA/2001/ 27776

74	Rashmi B. Tandon	July - Nov 2014	Elective	2	B.Arch, 1996	CA/97/21635
		Jan - April 2015	Elective	2	PG Dip. URP, 1998	
75	Ravindra Swaroop	July - Nov 2014	Structural	10	BE, 1966	Registered with IE
		Jan - April 2015	Structural	8	M.Tech, 1977 PhD, 1983	
76	Reema Jain	July - Nov 2014	Bldg. Constructiion	8	B.Arch., 2002	CA/2003/31295
		Jan - April 2015	Bldg. Constructiion	4		
77	Reeta Sanyal	July - Nov 2014	Structural	6	B.E. (Civil), 1974,	-
		Jan - April 2015	Structural	8	M.E. (Civil), 1976	
78	Rekha Jindal	July - Nov 2014	Bldg. Construction	5	B.Arch., 1975	CA/1982/7170
		Jan - April 2015	Bldg. Construction	5	M.Arch., 1989	
79	Roohan Segel	July - Nov 2014	Graphics	9	BFA, Govt College of Art., 1993	-
		Jan - April 2015	Graphics	9		
80	Rupa M Kujur	July - Nov 2014	Arch. Design	9	B.Arch., 2003	CA/2004/33689
		Jan - April 2015	Arch. Design	6		
81	S.K. Dhawan	July - Nov 2014	Structural	3	B.Tech, 1965	-
		Jan - April 2015	-		M.Tech, 1982	
82	Sachin Rastogi	July - Nov 2014	Arch. Design	9	B.Arch, 2006	Nil
		Jan - April 2015	Arch. Design	9	M.Sc., 2007	
83	Salman Khursheed	July - Nov 2014	Structural, Bldg. Mgmt.	5	B.Tech. (Civil), 1999	-
		Jan - April 2015	Structural, Bldg. Mgmt.	6	M.Tech. 2002	
84	Sandeep B Menon	July - Nov 2014	Dissertation, Seminar	4	B.Arch., 2004	CA/2007/41051
		Jan - April 2015	-		M.LA, 2006	
85	Sanjay Mehra	July - Nov 2014	Bldg. Construction, Elective	6	B.Arch, 1986	CA/87/10938
		Jan - April 2015	Bldg. Construction, Elective	6	M.Arch., 1991	
86	Santosh Auluck	July - Nov 2014	Arch. Design	9	B.Arch, 1962	CA/75/364
		Jan - April 2015	Thesis	9	Diploma in Urban Development Mgmt., UK, 1986	

87	Savyasaachi	July - Nov 2014 Jan - April 2015	- Arch. Design	3		
88	Shilpi Sinha	July - Nov 2014 Jan - April 2015	- Thesis	9	B.Arch., 1995, M. Arch., 1998	
89	Shruti Maheshwari	July - Nov 2014 Jan - April 2015	Bldg. Mgmt. Bldg. Mgmt.	6 6	B.Arch, 2002 PG in Con. Project Mgmt., 2009	CA/2003/31259
90	Subhash Chander	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch., 1958 Certificate in Tropical Arch., UK, 1960	CA/76/2357
91	Sudhir Vohra	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Mgmt.	3 4	B.Arch.	CA/80/5697
92	Sudipto Ghosh	July - Nov 2014 Jan - April 2015	Dissertation, Arch. Design -	9	Dip. in B.Arch., 1997 M.S. Arch, USA	CA/99/24742
93	Suparna Ghosh	July - Nov 2014 Jan - April 2015	Arch. Design Art App., Arch. Design	9 11	B.Arch., 2007 M.Arch., 2011	CA/2008/42732
94	Surabhi Khanna	July - Nov 2014 Jan - April 2015	Elective -	2	B.Arch., 2009, M.Des., 2012	CA/2011/51614
95	Tapan Bhowmik	July - Nov 2014 Jan - April 2015	Graphics Graphics	6 9	N.Dip in Painting, 1971 -	
96	Tarun Kumar	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	6 6	B.Arch. 1996 M.Arch, 2000	CA/96/20163
97	Urvi Khanna	July - Nov 2014 Jan - April 2015	Graphics -	6	AD Photo, 98 BFA, 1998	-
98	Vaibhav Dimri	July - Nov 2014 Jan - April 2015	- Arch. Design	3		
99	Vani Subramanian	July - Nov 2014 Jan - April 2015	- Graphics	3		
100	Varun Goel	July - Nov 2014 Jan - April 2015	Bldg. Mgmt. -	4	B.Arch., 2009, M. Plan., 2011	CA/2009/46334

101	Vidya P. Agarwal	July - Nov 2014 Jan - April 2015	Structural Structural	5 8	B.Tech, 1970 M.Engg, 1971	FIE
102	Vijay Garg	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch., 1989, PGD (HRD), 1994	CA/13667
103	Vijay Kumar Jain	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch., 1977 PG Dip. in Health Facilities Plng., 1990	CA/78/4770
104	Vikas Gandhi	July - Nov 2014 Jan - April 2015	Arch. Design Arch. Design	9 9	B.Arch, 2001 MCA	CA/2002/29388
105	Vikas Kanojia	July - Nov 2014 Jan - April 2015	Arch. Design Thesis	6 9	B.Arch., 2000, M.Arch., 2004	CA/2001/27442
106	Vikram Verma	July - Nov 2014 Jan - April 2015	Arch. Design -	6		
107	Vivek Varma	July - Nov 2014 Jan - April 2015	Bldg. Construction Bldg. Construction	4 4	B.Arch., 1985	CA/86/9979
108	Yamini Jajoria	July - Nov 2014 Jan - April 2015	Arch. Design -	9	B.Arch., 2005 M.Arch., 2008	CA/2006/38507
109	Yogesh Nath Dewan	July - Nov 2014 Jan - April 2015	Structural Structural	6 3	BE, 1963 M.Sc., 1971	-

**b) Details of Special Lectures undertaken in the department**

**July to December, 2014**

Sl.No.	Name of the Expert	Topic of the Lecture
1	Rahul K Patel	Dewatering, Underpinning, Shoring
2	Akas Deep Gautam	History of Shankar Camp
3	Savyasaachi	Space, Culture and Society from a Sociological Perspective Inclusive City
4	Sonam Wangchuk	Context Responsive Architecture
5	Vani Subramanian	Social Dynamics of Public Spaces
6	Jensil Johnson	Contemporary Museum Design

7	Partha S Ghosh	Cultural Spaces of Migration
8	Rajiv Bhagat	Aspects of Building Skin Design
9	Mukta Naik	Housing in an Inclusive City Internal Migration and Settlement Pattern Affordable Housing in Developing Nations
10	Paromita Roy	Principles of Transit Oriented Development Critiquing Design Brief and Student Response
11	Sanjay Pathak	Re-densification of Residential Areas : Provision MPD
12	Anne Feenstra	Urban Livability
13	Arvind Krishan	Hill Architecture
14	Akshaya Kumar Sen	Housing Finance in India
15	Amardeep Lubana	Urban Morphology
16	Vasanth Kumar	GIS Technology and the Inclusive City
17	Apoorv Vij	GRIHA-Green Rating System
18	Romi Roy	Principles of Transit oriented Development

### January to May, 2015

Sl.No	Name of the Expert	Topic of the Lecture
1	Parul Mital (Dada and Partners)	Master Plan of SPA Campus, Vasant Kunj
2	David Braun Kumar Thomas	How Mahatma Gandhi Forces us to Think
3	Sir Peter Cook	
4	Prof. Piyush Tiwari	Melbourne School of Architecture – New Building
5	Sushant Verma	Computational Thinking & Research in Architecture

### 8. Department involvement in interdisciplinary programs in other departments and organisations

Nil

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

Name of the Studio	Precise Objective of the Studio	Case study Description	Major Conclusion and Outcomes
<b>August to December 2014</b>			
Architectural Design I (Studio Director, Section-A - Ms. Arpita Dayal)	<p>Basic Exploration: an understanding of the basics of form by studying concepts of point, line, planes and volumes.</p> <p>Skill Development: developing the skills required for effective drawing and communication.</p> <p>Spatial Understanding: Measurement and drafting of a space and relating it to anthropometrics</p> <p>Space Exploration and Exploration into Design: an exploration into design methodology and processes.</p>		<p>Progressive development of basic design skills.</p> <p>Developing hand skills by exploring technique and material.</p> <p>Students engage in model making and sketching, which gave them a hands-on insight into the world of space and architecture.</p> <p>Learn to observe, explore and develop representational skills.</p> <p>Awareness of the design process through a multifold approach.</p>
Architectural Design I (Studio Director, Section-B – Mr. Shuvojit Sarkar)	<p>Understanding the Principles of Design and Elements of Composition.</p> <p>Develop skills of sketching, drafting and model making.</p> <p>Understand design as a process.</p> <p>Develop and communicate effectively concepts and ideas.</p>		<p>Understanding by observing, learning, doing and analyzing.</p> <p>Understand, appreciate and think on the various approaches in the creative processes/design.</p> <p>To be able to independently make a choice and attempt to take it to its logical conclusion.</p> <p>Develop skills of sketching, drafting and model making through technique and practice/rigor.</p>

Architectural Design I (Studio Director, Section-C – Dr. Leon A Morenas)	<p>Design principles: understanding of Form, Order and Composition</p> <p>Design Thinking: ability to observe and evaluate work created by others</p> <p>Design Communication: ability to use words and images to communicate project concepts as well as ideas and observations about the work of others</p> <p>Design Process: understanding of the developmental stages of design – concept, development, critique, transformation, refinement, resolution</p> <p>Design Skills: ability to apply a variety of media for drawing and modeling purposes</p>	<p>The Central Park, Connaught Place was selected to introduce the students to understand how people interact in public space and the understanding of geometry in the creation of spaces. Students made vignettes of the people using the park as well as orthographic projection of the park geometry.</p>	<p>Introducing the concept of Design: Learning by doing through hands-on exercises, synthesis, and analysis; to engage the creative process through active learning, discovery, and reflection.</p> <p>Developing design skills through technique, discipline and rigor.</p> <p>Awareness of the larger context(s) - the social, cultural and political realms in which we design and live.</p> <p>Understanding the inter/relationships among disciplines that inform design.</p> <p>Learning the complexities of design through participatory student-faculty course development.</p> <p>Developing the ability to reflect critically on your own work and to evaluate consequences.</p>
Architectural Design III (Studio Director, Section-A : Ms Moulshri Joshi)	<p>Design Communication &amp; Skills</p> <p>Learning to abstract an architectural system and communicating it through architectural drawings</p> <p>Design Vocabulary</p> <p>Learning to identify and make use of concepts such as form, space &amp; order. Learning to identify and document these in an existing spatial system to understand what these words actually mean</p> <p>Design Thinking</p> <p>Learning to articulate a 'problem' in design</p>	<p>Project 1 : Architecture of the Tree</p> <p>This exercise involves technique as well as imagination. The intent is to learning to survey a tree's Architecture as a document to be 'read' and 'interpreted'.</p> <p>Project 2 : Architectural mapping &amp; Philatelic Museum at General Post Office, New Delhi</p> <p>This exercise is an introduction to understanding architecture as a formal, spatial,</p>	<p>What we learnt :</p> <ul style="list-style-type: none"> <li>• Architectural rendering of complex object in space</li> <li>• Appreciation of an architectural object through the language of design</li> <li>• Appreciation of various architectural characteristics of a building,</li> <li>• Individual and collective human behavior in architectural space.</li> <li>• to explore the idea of 'what fits in' in an</li> </ul>

language and preparing a strategy to respond to it Documenting the process of preparation of this strategy to reflect on what problem solving in design means.

structural, environmental, economic and social system. The student is expected to understand the various systems that comprise standing architecture. The exercise enables a field-based application of the skills acquired in previous exercises.

Project 3 :  
Dharmashala for Lakshminarayan Temple To explore 'form' as a deliberation of site forces and programmatic needs. Introduction to the idea of context in architecture. Students are tested for their skills to articulate a befitting response to context and deal with the program of a public building.

architectural assembly

- to formulate a design brief based on primary contact with the site
- Introduction to appreciation of architecture as a formal, spatial, structural, environmental, economic and social system through a single but complex public building.

Architectural Design III (Studio Director, Section-B : Mr. Prabhjot Singh Sugga)

EE (Experience and Expression): Understanding the Expression and Experience of the space through a museum design project.  
Design Process: Abstraction of an idea from the socio-cultural construct and its transformation into space. Assigning attributes to words for their probable translation into spatial form.  
Design Development with inclusion of real life

Concept, Context and Content: Analyzing the exemplary works in museum design for their underlying ideas behind generation of form, ordering principles, attributes, movement patterns, etc. Establishing relationship between central idea, the museum area program and its setting.  
Visit to Khasla Heritage Complex at Anandpur Sahib, Punjab.

Bringing together the understandings of broader Contextual parameters and the complexities of culture, environment, climate and building technology in developing expression for human requirements. Refinement of Design skills through interactive processes with design faculty.

issues of area requirements, relationship to surroundings, accessibility and adjacencies of spaces. Skin Design as an expression of an idea

Architectural Design III (Studio Director, Section-C : Ms Parul Kiri Roy)	<p>The key theme of the studio is to introduce students to the intangible aspects of design while developing a design concept.</p> <ul style="list-style-type: none"> <li>- Abstracting Concepts</li> <li>- Engaging with Site</li> <li>- Understanding/ Articulating/ representing a site.</li> <li>- Mental Maps.</li> </ul> <p>The Projects included [a] Health Care Centre; [b] a Skill Centre, and [c] Hostel and Community Centre</p>	<p>The learnings from the first set of objectives were intended to be applied to an informal settlement called Shankar Camp, near Vasant Kunj, New Delhi.</p> <p>The objective of the study was to document and analyze the spatiality of this migrant community at the settlement level; at the level of habitat; and their spatial practices with regard to their rural connections.</p>	<p>Ability to analyse, understand and design within non-urban, unplanned context.</p> <p>Develop an understanding of the inter-relationship between society, culture and spatial practices, and the resultant form.</p> <p>Understanding the relationship between social change and spatial transformation.</p> <p>An understanding of space and it's relation to community building and sense of belongingness.</p>
Architectural Design V (Studio Director, Section-B : Dr. Sweta Manchanda)	<p>Presentation and Documentation of green buildings- to develop design ideas for the "Unexpected City" competition.</p> <p>Integrating creative design concepts with solid basic skills effectively.</p> <p>To explore aspects of the city-like the unexpected creative city, the unexpected social city, the unexpected public space that a city can</p>	<p>Study Tour and Documentation:</p> <p>To study an urban environment in use with a focus on urban activities, social utilizations, growth, change, climate, construction methods and services; Documentation and analysis of the same.</p>	<p>The first design exercise is that of a public building in an urban setting which will be followed by the study of an urban environment and a design exercise based on that context.</p> <p>The focus of the second exercise is on passive solar design in the given climatic context. The project was to develop a Learning Resource &amp; Cultural Centre at the IIT Mandi Campus. IIT Mandi is situated in the hilly terrain of Himachal</p>

have, the unexpected city of art, the unexpected social and cultural encounters that a city can give us.

Design Exercise 2- Design in Context of the Study  
Learning Objective: to respond to the context of the study area in terms of climate, culture, social organization, spatial structure, historic context, materials and methods of construction.

Pradesh and has been conceived as two campuses, a North Campus and a South Campus. It is proposed that to complement the Common Facilities and Student Centre in the North Campus, the South Campus develop similar facilities on its premises. The students selected their site from three areas earmarked areas. During the study tour from 07, September, 2014 to 12, September, 2014 the context and site were studied and analyzed. The visit enabled an understanding of the topography as well as climatic conditions on the basis of which as design for LRCC was presented.

Architectural Design VII  
(Studio Director, Section-A : Prof Dr. Ranjana Mital / Prof. Manoj Mathur)

The Design Studio engages with the current concerns of the development authorities, namely, re-densification of selected areas. Students are to make a proposal for developing a residential precinct that looks at increasing its holding capacity keeping in mind the need to include the marginalized, maximize mass transport facilities, introduce mixed-use development, and address issues of equity and cost-subsidies. In other words create strategies to house an optimum number, achieve a net-zero housing, reduce need for provide for a quality of life that nurtures the best in humanity.

Mixed-use, High-density mixed housing in TOD designated areas.

An awareness and appreciation of the importance of: Quality design in the housing schemes Understanding the terms, 'livability' 'walkability' and 'sustainability' in the urban context. The need for including the majority and for universal design Energy-efficient and climate-responsive architectural solutions for a successful architectural intervention Communicating your proposals effectively The impact of development norms; planning policies, building regulations and the like on built-form.

Architectural Design V Year, I Term (Studio Director-Prof M L Bahri, Prof Dr. Mandeep Singh)	Three Sites dealing with first time visitors to Delhi. Anand Vihar, Sarai Kala Khan and New Delhi Railway Station. Intermodal exchange. Design these spaces to improve user experience and make sense of the city.	Readings : a set of readings given in regular progression to develop an understanding of the subject and the skill of extracting information to write summaries Lectures: a series of structured lectures on basics of architecture, scale and proportion, landscape etc. Design diary : a personal diary for recording experiences and observations throughout the semester Observation visits : a series of site visits to observe, record and present information Discussions: in class debates and discussions	Basic understanding of design process and development of design thinking Learning to look at the environment by using senses as a tool Skills of measuring and representing spaces Awareness of the phenomenological way of looking at architectural spaces
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Name of the Studio	Precise Objective of the Studio	Case study Description	Major Conclusion and Outcomes
<b>January to May 2015</b>			
Architectural Design II Semester (Studio Director, Section-A - Ms. Arpita Dayal)	To develop an understanding of the basic processes of design and design thinking To appreciate and take cognizance of the immediate built environment Develop, recognize and apply skills to produce representation drawings and models	Readings : a set of readings given in regular progression to develop an understanding of the subject and the skill of extracting information to write summaries Lectures: a series of structured lectures on basics of architecture, scale and proportion, landscape etc. Design diary : a personal diary for recording experiences	Basic understanding of design process and development of design thinking Learning to look at the environment by using senses as a tool Skills of measuring and representing spaces Awareness of the phenomenological way of looking at architectural spaces

and observations throughout the semester  
 Observation visits : a series of site visits to observe, record and present information  
 Discussions: in class debates and discussions

Architectural Design II Semester (Studio Director, Section-B – Mr. Shuvojit Sarkar)

Understanding anthropometry and ergonomics.  
 Understand the language of Architectural Drawings as a tool for communication  
 Understand Nature as a Contextual Setting :  
 Introduce Concepts of Site Planning

Case study of and a measure drawing for Wazirpur group of monuments at R.K.Puram was taken up as an assignment to understand built form ,context and nature as a setting and to improve their technical drawing skills.

Understanding and appreciating the concepts and ideas of dimension, size and areas through various anthropometric and ergonomic studies and exercises and use it in design as a decision making tool.  
 Understanding the importance of site and its features as and use it as a tool to Inform Design.

Architectural Design II Semester (Studio Director, Section-C – Dr. Leon A Morenas)

Students explored humans' engagement with their surrounding physical environments, in particular the environments that they designed as purposeful setups. The way they designed these environments focussed on movements— both those of one's eyes as well as of one's body. These movements take place within fields of mediating elements, intensifying, inhibiting or stopping some conditions and not others, affording some potentials and not others.

Case Studies included documentation of simple housing typologies of the Konar Community in Madurai.

From these design explorations, the students were to learn that material set-ups should arise from the combination of multiple influences:  
 From differences in the physical intelligence, the physical capacities and constraints of the materials used – bond paper of a specific weight;  
 From differences in the techniques of formation utilized by the designer/ fabricator - the cutting of the surface in differing relations within the internal field of the

Students learned to design for a collective and not individuals though a series of case studies, analytical exercises and design propositions that looked at aleatory conditions.

surface; the vectorial character, intensity and speed of the external forces working on the materials (multiple tensioning, compressing, torqueing, bending, adhering); and From the desire of the designer to move the material formation in some directions more than others - to produce certain desired effects or consequences and to generate effects that could not have been imagined before design exploration had begun, and which may turn out to be as worthwhile, or better than the initial ends desired. (And, as might be expected, such open experimentations will inevitably produce some monsters, which will be set aside.)

None of these three influences should dominate the outcome; all combine, each making a contribution synergetically - so that the whole is more than the sum of its parts.

Architectural Design IV Semester (Studio Director, Section-A : Ms Moulshri Joshi)

Project 1: Village Intervention: Creating a Santhal Community Space  
To articulate a position of empathetic engagement in your village  
To understand architectural programming as a powerful design tool

Balipara, Pearson Pally, Bidhyadharpur, Koathpukur and Sorpukur - five Santhali settlements at various stages of transformation around the Viswabharati Campus were chosen for study. The idea was

Expansion of the design palette – new materials, construction systems and vocabulary  
Approach to clustering, massing and landscaping in order to create a small community oriented space  
Construction systems as

To envision a 'sense of place' – a statement of experience - and find architectural methods to render it tangible

Project 2: The Folly

To contain in space and use the space to contain a desire or an emotion chosen by you. Put to use a 35X35m green site devoid of any architectural objects to communicate how, through your six senses, can space invite and/or represent an 'event'.

To disassociate 'architecture' from 'context'

To explore in the performative aspect of space

To reconfirm the relationship between 'architecture' and 'meaning' by learning to abstract

to introduce students to a rural settlement typology and experience the connection between architecture & culture.

integral to architectural design  
Model-making skills with focus on the landscape  
Abstraction as tool  
Deconstruction as theory  
Architectural communication of complex geometries

Architectural Design IV Semester  
(Studio Director, Section-B : Mr. Prabhjot Singh Sugga)

Socio-cultural dimension of Human Habitat and its effects on built form on a larger scale through a village study  
Understanding Traditional and Vernacular Architecture: its technology and materiality, its production as a part of larger construct.  
Modernity and transformations in villages. Contemporary issues and possible

Kanadukattan, a Chettinaad village in Tamil Nadu was the main study area where the final design problem was eventually placed. Other case studies for the design project of 'Center for Weaving' included Dilli Haat at INA, Pitam Pura and Janak Puri, Crafts Museum, Suraj Kund Mela site.

Understanding of the production of space in a give space and time, and document the morphological transformations.  
Difference between Tradition and Vernacular.  
Designing with alternative material and technology while responding to the environmental and cultural sensitivities  
Using the learnings of Traditional architecture from the village study into the design project.

Ability to analyze,

Architectural Design IV Semester (Studio Director, Section-C : Ms Parul Kiri Roy)	<p>design solutions. Overlap with Graphics and Construction studio to explore alternative technologies in design project. These projects were inspired from the opportunities and possibilities seen in the settlement studied. The program was developed keeping in mind, appropriateness to and engagement with the context. The place is to be a promoter, in reinvigorating socio-cultural sensitivity in contemporary times and develop the community spirit sensitive to the local yet responding to the global.</p>	<p>Study in Lakkhipur, Bishnupur, Kumarpur, Ramganga, 24 South Paraganas, Sunderbans, West Bengal, India. The objective of the study of the settlement was to document and analyze spatial transformations in both the contexts resulting out of the information flows between two distinct socio-spatial systems. Learning from indigenous knowledge and responding to current day social aspirations through development of innovative affordable prototypes to form the built environment will be the primary focus of the Design studio.</p>	<p>understand and design within traditional and vernacular context. Exposure to site planning, complexities related to design of institutional buildings. Develop an understanding of the inter-relationship between society, culture and spatial practices, and the resultant form. Ability to work in teams and formulate coherent ideas together as a group. Understanding the relationship between social change and spatial transformation. An understanding of formal spatial arrangements and clustering of building blocks. A good theoretical as well as practical understanding of context and contextuality.</p>
Architectural Design VI Semester (Studio Director, Section-B : Dr. Sweta Manchanda)	<p>The studio problem seeks to undertake the refinement of a closed environment design with focus on development of structural basis and articulation of interior spaces. The exercise intends to integrate the provision of mechanical services and vehicle parking as components of the building framework and arrangement. In addition to this the problem takes up in a detailed way the articulation of the building</p>		<p>Understanding the building program, user needs, and functional relationships of spaces Understanding Development Controls, Building Codes, and Byelaws. Understanding structural systems, building services, fire safety and parking norms. Understanding sustainable design principles and Green Rating requirements Understanding design,</p>

	skin as a moderator of the external environment and facilitator of the link of the building with the general urbanscape.		development, and basic detailing of the building facade.
Architectural Design VI Semester (Studio Director, Section-A : Dr. Rajaprakash)	<p>Understanding complex design program and its organizational strategies with respect to climate and site contexts.</p> <p>Performance oriented architectural façade and envelops as a regulator of internal microclimate of the built.</p> <p>Exploring Landscape elements as a supportive microclimatic catalysts for thermal comfort.</p> <p>Exploring the site conditions through methodical data collection on site for analysis and to evolve a design centric inferences.</p>	The SPA –ND of VasanthKunj UG Accademic Block consisting of both the Architecture and physical planning was taken as the Case for Design .	<p>Learning from other national and international cases</p> <p>Examining Structural System application</p> <p>Spatial Organizations</p> <p>Service core requirements and locational strategies</p> <p>Parking standards and applications</p> <p>Understanding Landscape elements for an efficient site plan design</p> <p>Understanding Regulations Development Controls Byelaws and its interpretations.</p>
Architectural Thesis V Year, II Term (Studio Director-Prof M L Bahri, Prof Dr. Mandeep Singh)	The Architectural Thesis provides a forum for the design and development of a comprehensive architectural proposal. Students are required to choose an architectural space of sufficient complexity and scale, generate it's spatial programme, and design and develop the space accordingly.	Students are expected to choose at least three types of case studies based on their architectural programme from a local context, a national and an international context.	<p>The learning outcomes are adjudicated to see if the student has exercised conscious choices in the field based architectural programme</p> <p>The thesis is also one where the student is evaluated according to her/his personal abilities and inclinations, and testing out her/his commitment. The student, in consultation with the faculty, is expected to demonstrate through an imaginative approach, her/his expertise in effecting positive changes in our built environment.</p>

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

Sl.No.	Enrolment No.	Name of Student	Thesis Topic
1	A/2229/2010	Renuka Singh	Children's Hospital
2	A/2307/2010	Rojoa Bibi Zaynah	A Convalescent Centre with Art Therapy Mauritius
3	A/2306/2010	Pema Wangchuk	Integrated Business Centre Samtse Bhutan
4	A/2241/2010	Damini Rathi	Food Heritage Centre, Purani Dilli
5	A/2216/2010	Aman Sonel	Riverfront Urban Centre, Indore.
6	A/2309/2010	Jennifer Viola Rocha	Church & Community Centre, Choroa Goo
7	A/2220/2010	Ankit Singh	NSIC Exhibition Centre
8	A/2202/2010	Muhammed Iyas P.	House of Inter-path Dialogue
9	A/2150/2009	Sneha Lata	Home for Elderly
10	A/2156/2009	Minakshi Mahanta	Women Empowerment Centre, Kolkata
11	A/2269/2010	Parul Suthar	National Institute of Fashion Technology Jodhpur
12	A/2214/2010	Aneesh Nandi	Flexible Rental Housing Mixed-use Development at Okhla, New Delhi
13	A/2173/2009	Ravina Soni	Intenerated Bus Terminal Cum Commercial Centre, Jaipur
14	A/2244/2010	Nikhil Singh	Centre for Performing Arts, Noida
15	A/2026/2008	Dhruv Kumar	Mobile Village for Archeological Excavation Sites
16	A/2275/2010	Madhur Prajapati	School for Intellectually Disabled
17	A/2129/2009	Animesh Kumar Singh	Transit Hostel and Convention Centre Allahabad
18	A/2261/2010	Lopamudra Choudhury	World Class Railway Station
19	A/2311/2010	Syed Zuhair Abbas	Autism Centre Karkardoma, East Delhi
20	A/2161/2009	Avinash Vishvakarma	Trade facilitation Centre and Craft Museum Varansi
21	A/2232/2010	Aman Saini	Sky Scraper at Karkardoma, Delhi India
22	A/2143/2009	Jubin Jacob Babu	Socio- Cultural centre for performing arts and convention
23	A/2240/2010	Harmanpreet Singh Bumrah	Wagah Border Redevelopment

24	A/2258/2010	Utkarsh Vibhute	'Sub - Market Yard, Nagpur'.
25	A/2160/2009	Prashant Kumar	Veterinary Science Institut
26	A/2098/2008	Ejaz Abdulla Fysel	Green Island tourist Destination
27	A/2234/2010	Snober Khan	Delhi, Architecture Heritage Museum Indraprastha New Delhi
28	A/2208/2010	Tridib Ray	Low Cost Carrier terminal IGI airport New Delhi
29	A/2128/2009	Aditya	City Centre Hisar
30	A/2125/2009	Aditya Kumar	School of visually impaired , G.T.B. Nagar , New Delhi
31	A/2219/2010	Priya Vashist	Revitalization of R.K. Film Studio
32	A/2199/2010	Mridula Garg	Public + art corridor Karkadooma, New Delhi
33	A/2224/2010	Pavneet Kaur	Centre for Children with Autism
34	A/2283/2010	Karan Singh	Paryatan Bhavan Tourism ministry headquarter New Delhi
35	A/2055/2008	Priyesh Dubey	Hotel and Commercial Complex Dwarka, Delhi
36	A/2193/2009	Divya Jain	Museum for the Armed Forces
37	A/2299/2010	Dhruv Moza	Redevelopment of East Kidwai Nagar
38	A/2194/2009	Amanpreet Singh Duggal	Cultural and Commercial Precinct , Kuwait
39	A/2254/2010	Niraj Kumar	International Convention Centre, Bodhgaya
40	A/2297/2010	Dhananjay Singh	Heritage Museum and Research Centre Gorakhpur U.P.
41	A/2205/2010	Rahul Bhaumik	Kolkata Museum of Modern art
42	A/2273/2010	Tauseef Ahmad	Islamic Cultural Centre Delhi
43	A/2003/2008	Saif Khan	World Trade Centre Noida
44	A/2266/2010	Himanshu Yogi	Humane Natural + Dynamic Character
45	A/2250/2010	Rakesh Kumar	District healthcare centre, Lakhisarai, Bihar
46	A/2281/2010	Japleen Kaur	City Centre , Patiala
47	A/2163/2009	Kumar Abhishek	SOS Children's Village Industrial Training Institute Ranchi
48	A/2181/2009	Jigmet Wangehuk	Trans Himalyan cultural , Centre Leh Ladakh
49	A/2237/2010	Siddharth Mathur	Pragati Maidan Redevelopment
50	A/2155/2009	Anushpra Singh	Community Centre Noida
51	A/2298/2010	Arun Kumar	Ceramic research institute Explanation Ceramic Industries Khurja

52	A/2230/2010	Ankit Joshi	Cancer Institute Jabalpur
53	A/2231/2010	Harsh Vats	University School of Planning and Architecture
54	A/2040/2008	Akanksha Chauhan	Future citadel architecture as State Image and Instrument
55	A/2296/2010	Pardeep Kumar	Centre for enlightenment school Nalada University, Bihar
56	A/2305/2010	Atul Anand Jha	Transit oriented redevelopment of R.K. Puram
57	A/2021/2008	Dipayan Ghosh	International Bus terminal at Rajarhat, Kolkata
58	A/2206/2010	S. Preeti	Integrated Affordable Housing- Parel, Mumbai
59	A/2151/2009	Sudeep Vinayak Zumbre	Memory in Architecture
60	A/2218/2010	Y. Lakshmi Divya	Resort at Nagarjuna Sagar, Telangana
61	A/2225/2010	Vinayak Gupta	Net Zero Energy Hotel and Convention Centre
62	A/2217/2010	Monikuntala Das	Japi Culture and Bamboo research centre Nalbari Assam
63	A/2270/2010	Thatikonda Nandini Priya	Redevelopment of Osmania university for women Hyderabad
64	A/2187/2009	Bhavana Bhavisha Hanshji	Revival and redevelopment grand Pacific, Fiji
65	A/2070/2008	J.K. Roshan Kerketta	Terminal Building at Kannur International Airport Kerala
66	A/2268/2010	Gyanendita Shailly	Rehabilitation Centre: One-stop Crisis Centre for Women
67	A/2174/2009	Sanket Vts	Ayurvedic Medical College, Varanasi
68	A/2304/2010	Shukti Sahni	Nrityasangam South Indian Classical Dance Academy
69	A/2120/2009	Palak Mehta	National Institute of Design, Kurukshetra
70	A/2223/2010	Deepak Bohra	Film Institute, I.T.O. Delhi
71	A/2257/2010	Santosh Kumar Sagar	National War Memorial Museum, Princess Park, Delhi
72	A/2291/2010	Lokesh Singh	National Secretariat Office Extension, New Delhi
73	A/2239/2010	Hardik Jain	Convention Centre Complex- Super Corridor, Indore
74	A/2215/2010	Prashi Malik	Uttarakhand Secretariat Vidhan Sabha Complex, Dehradun
75	A/2073/2008	Ramror Thangmeiyo	Music Learning Research Performing Centre
76	A/2082/2008	Akhil Kumar Tiwari	Spaceport for Commercial Space Flight Centre
77	A/2226/2010	Vidisha	Museum at Bikaner

78	A/2213/2010	Dileep Reddy Konala	Cyclone Shelters
79	A/2198/2010	Pilla Ravichandra	Regional Science Centre, Visakhapatnam
80	A/2092/2008	Uzair Siddiqui	Oxford Centre for Islamic Studies
81	A/2288/2010	Anjali Singh	Sacred Space for No Religion
82	A/2182/2009	Dev Arya	School of Ancient Method of Studies
83	A/2236/2010	Geddarn Raj Manoj	Redevelopment of Sardar Vallabh Bhai Patel Market
84	A/2251/2010	Varun V.	Hyderabad Habitat Centre
85	A/2233/2010	Aarti Dhirga	Rehabilitation Home for Juvenile Offenders
86	A/2308/2010	Aparna Mohanan Konat	Kathakalipuram, Vellinezhi, Kerala
87	A/2267/2010	Abhinav Chaurasia	City Centre, Faizabad Uttar Pradesh
88	A.2272/2010	Faizan Zahid	Blurring the Boundaries: Inclusive Centre for Learning
89	A/2165/2009	Palash Jaiswal	Institute of Architecture and Planning
90	A/2263/2010	Agnimitra P. Bachi	Krishi Vigyan Kendra Chikkanyakanahalli
91	A/2115/2009	Nidhi Sohane	Peri-urban Development Model at Ramagundam
92	A/2146/2009	Bharat Aggarwal	In-Situ redevelopment of Kathputhli Basti
93	A/1965/2007	Vatsalya Sharma	Mian Tansen Institute of Hindustani Classical Music, Behat, Gwalior
94	A/2190/2009	Sonam Tashi Therring	National Centre for Arts and Crafts
95	A/2164/2009	Shaikh Salman Ayub	Mosque: An Alternative Typology
96	A/2248/2010	D. Vijay Kumar	Fisherman Facilitation Centre and Maritime Museum
97	A/2024/2008	Divya Singh	Algorithm To Design Context Sensitive Primary Schools In Remote Villages/Locations/Settlements Of India
98	A/2201/2010	Shailendra Singh	Film Academy, Noida Film City Noida, U.P.
99	A/2023/2008	Akshay Khurana	Densification Of Barakhamba Road: Computational Approach To High Rise Urbanism
100	A/2018/2008	Udit Mittal	Interpretation place at Bishnupur, Bankura, West Bengal
101	A/2260/2010	Neeraj Kumar	Integrated Office Complex, Indraprastha, New Delhi.
102	A/2249/2010	Humayun Imran	Social Centre for Elderly, Dehradun
103	A/2235/2010	Navedita Jha	Masons Training Institute Building Centre, Tehsil Garhwal, Uttarakhand

104	A/2255/2010	Golla Kiran	International Convention Centre, Vizag
105	A/2112/2009	Kusampudi Manohar	Airport Terminal Building, Vijayawada
106	A/2222/2010	Boddy Reddy Dinesh Reddy	Gastronomy Centre
107	A/2245/2010	Akrisht Pandey	Riverfront Centre, Allahabad, U.P.
108	A/2099/2009	Gaurav Dixit	Senior Secondary School ,Bhopal ,Madhya Pradesh
109	A/2247/2010	Rahul Choudhury	NBQ Railway Station
110	A/2265/2010	Priyank Jaiswal	Visitors Facilitation Centre, Varanasi
111	A/2301/2010	Chosang Doma	Recreational, Centre, Thimpu, Bhutan
112	A/2212/2010	Shaik Naseer	Energy Saving Housing, Vijayawada
113	A/1984/2007	Ashish Deep Toppo	Village for Indigenous Practice and Learning
114	A/2227/2010	Abinaya K.	Urban Renewal and Revitalization of Temple Neighborhood, Karur, Tamilnadu
115	A/2180/2009	Bashan Skhem Rynga	Shillong City Centre : A Musical Rejuvenation
116	A/2010/2008	Ramakrishna Rachakonda	Vertical city at Sanjeevaiah Park, Hyderabad.
117	A/2186/2009	Anju Wakhley	Drug Rehabilitation center, Tshaluna, Bhutan.

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

Year of Enrolment	Name of the Student	Thesis Topic	Name of Research Supervisor
2014-15	Ms. Manjari Khanna	Security and Resilience in Public Buildings	Prof. Dr. Mandeep Singh
2010-11	Ms. Abeer Anwar Ali Shamshar	Mud Architecture in 21st Century, An Old Idea for New Future	Dr Leon A Morenas
2012-13	Ms Neena Singh Zutshi	A Critical Analysis of Indian Architecture Theory	Prof. Dr. Ranjana Mital
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 Urban Public Spaces	Prof. Dr. Ranjana Mital

## 12. Research thrust areas of the Department

The Department has the following thrust areas for research based on faculty expertise:-

- Architectural History and Theory
- Seismic considerations for Buildings
- Hospital Architecture
- Sustainable Design and Urbanism
- Energy Efficient Architecture
- Design of Learning Environments
- Architectural Education
- Vernacular Studies

## 13. Completed/ongoing research projects in the Department

S. No.	Name of the Project and Sponsoring Agency	Name of Team Leader/ Faculty
1	Advisory role to MHRD for their proposed building at IP Estate.	Prof. Dr. Mandeep Singh and Prof. M L Bahri
2	New Building at Space audit-MHRD facilities funded by MHRD	-
3	Social audit- Taimor Nagar funded by the SPA Green audit- SPA Architecture Building	-
4	Energy audit- SPA Hostel funded by MNES Green Campus recommendations for SPA	-
5	Campus for Ministry of New & Renewable Energy Green Campus Scheme	-

## 14. Details of consultancy projects undertaken by Department

S. No	Name of the Project and Sponsoring Agency	Name of Team Leader/ Faculty	Thrust Area/ Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
1	Architectural Design Consultancy and Urban Design Advisory Role in the campus construction.	Prof. Dr. Mandeep Singh	Universal access and pedestrian friendly spaces of the National Institute of Open Schooling	INR. 1,00,000/-

2	Architectural Advisory Role in the selection of architect, approval of design of Basmati Export Development Foundation	Prof. Dr. Mandeep Singh	Architectural Advisory Role	-
3	ONGC at Dehradun including North Side Colony, South Side Colony, KDMIPE Campus, Helipad etc. totalling about 100 Acres	Prof. M L Bahri	-	-
4	ONGC at Vadodara, 204 Acres including Residential Complex, Office Buildings, like Shell Gas Centre, Golf Course and Sports Complex etc	Prof. M L Bahri	-	-
5	Renovation to the existing ONGC academy and Nehru Auditorium at KDMIPE Campus, Dehradun including planning, landscaping, road networking, parking etc. Covered Area : 4025 Sqmt	Prof. M L Bahri	-	-
6	Renovation for AMN Ghosh Auditorium at KDMIPE Campus, Dehradun (ONGC Ltd). Covered Area : 970 Sqmts.	Prof. M L Bahri	-	-
7	Green Campus Audit and Masterplan Proposal for School of Planning and Architecture Campus at I.P Estate.	Dr. Shweta Manchanda	-	Rs. 5 lakhs
8	Shukratal Village Project, Global Smart Village, VASCC Foundation	Ms. Parul Kiri Roy	-	-

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

### Ranjana Mital

- Mittal R, "The Importance and Necessity of the Informal Market as Public Place in Delhi" chapter in "Informal Urban Street Markets: International Perspectives, ed Clifton Evers and Kirsten Seale. Routledge 2014

### Aruna Ramani Grover

- Grover A R, "Indo-Saracenic Architecture: Indigenous ingredients for Imperial intent" in Humanities and social Sciences Review 3 (5) CD-ROM. ISSN:2165-6258::03(05):305-326(2014) <http://www.universitypublications.net/hssr/0305/index.html>; Copyright 2014, UniversityPublications.net; 305-326

- Grover A R, "Impact of Climate change on local use of rainwater: The case of two Indian cities" in International Organization of Scientific Research - Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT), ISSN 2319-2402 (e) 2319-2399 (p); [http://www.iosrjournals.org/iosr-jestft/pages/9\(3\)Version-2.html](http://www.iosrjournals.org/iosr-jestft/pages/9(3)Version-2.html)

#### **Arpita Dayal**

- Dayal A, "Urban Environments and Youth : Culture and Spaces" in Engineering And Environmental Technology, Volume 2, Number 3, January –March 2015, P 285-289, Kriti Publications, New Delhi, 2015

#### **Parul Kiri Roy & Anjali Mital**

- Mittal Anjali, Roy Parul Kiri, "Innovative Pedagogic Methods for Sensitization to Context" in the JIIA , Journal of Indian Institute of Architects, Northern Chapter

#### **Shuvojit Sarkar**

- Sarkar S, "Review Of Sustainable Development Indicators: An Approach For India", Research Reaction and Resolution, ISSN: 2321-7421 Volume 2 September 2014
- Sarkar S, Bhattacharyya T. K. "Environmentally Sustainable Development of Urban Settlements in India: A Framework for Development of Indicators." Current World Environment 2015; Vol 10(1).

### **16. Details of other publications made by regular faculty of the Department**

#### **Ranjana Mittal**

- Mittal, R and Sugga, P. The Tirtha at Mukteswar: Understanding its Architecture, Copal Publishing and School of Planning & Architecture, New Delhi, 2015

#### **Shweta Manchanda**

- Manchanda,S. 2014, Contributor to Chapter 3 'Building Massing and Spatial Configuration' in Design Guidelines for Energy-Efficient Multi-Story Residential Buildings: Composite and Hot Dry Climates, eds. Indo-Swiss Building Energy Efficiency Project (BEEP), New Delhi: Bureau of Energy Efficiency, pp.15-28.
- Manchanda,S., & Ashok B. Lall & Associates, 2014, Scoping Study for Policy Initiatives to Minimize Urban Heat Island Effect for Low Carbon Urban Growth, report by, e-published by Shakti Foundation, available from <[www.shaktifoundation.in](http://www.shaktifoundation.in)>.

### **17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

#### **Prof. Dr. Mandeep Singh**

##### **National Committees**

- Thesis Jury (May 2015) and faculty selection panel at Indira Gandhi Technical University for Women

- Chancellor Nominee for Faculty Selection at School of Architecture, Landscape, Design Mata Vaishno Devi University, Katra
- Faculty Selection at Gurunanak Dev University, Amritsar (GNDU)
- Selection Panel for Public Art for Tiz Hazari under High Court Justice Kailash Gambhir
- Member of Project Appointment Committee (PAC) of MHRD project- Design Innovation Center, University of Delhi
- Appointed by the Delhi High Court to evaluate the feasibility of commercial building in Hauz Khas village.
- Member of Confederation in Education Excellence in India

#### **Membership of Professional Body**

- Member of Screening Committee for SAP (Special Assistance Programme) for UGC
- AICTE representative in the Expert Committee of UGC for approval of Al Falah University

#### **Prof. M. L. Bahri**

##### **National Committees**

- Member of Bureau of Indian Standards in Building Construction Practices Sectional Committee
- Member of Board of Assessors for Architectural Competition in East Delhi Municipal Corporation
- Technical Advisor of proposed Campus of the Central University of Jammu

#### **Prof. Manoj Mathur**

##### **National Committees**

- Member on the Board of Studies of University School of Architecture and Planning, GGSIP University, Delhi
- Member on the Board of Studies of Central University, Rajasthan
- Member on the Board of Studies of GD Goenka University
- Member of Bureau of Indian Standards for Wooden Furniture, UPVC Windows and Aluminum Windows
- Member of Building Committee IIT- BHU, Varanasi
- Member of Building Advisory Committee, IIDEM, Election Commission of India
- Member of COA for Undergraduate Architecture Studies

**Prof. Dr. Aruna Ramani Grover**

**National Committees**

- Expert Member (Architecture and Planning) in Selection Committees for Japanese International Scholarships – MHRD
- Expert Member – Delhi Urban Arts Commission
- Expert Member – Heritage Conservation Committee
- Expert Member, Architecture and Interior Design, Uttarakhand Lok Seva Aayog, Haridwar
- Expert Member, Ph.D program in Architecture of Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal
- Expert Member, Doctoral Research Committee, Department of Architecture, SPA Vijaywada
- Expert Member, Board of Studies, Department of Architecture, De Crust, Sonipath

**Editorial Board membership**

- Member of the Editorial Board of Creative Space, published by Chitkara University, Chandigarh.

**Prof. Dr. Ranjana Mittal**

**National Committees**

- Zonal Coordinator and Jury for INSDAG Students of Architecture Competition
- Empanelled expert and examiner of IGNOU and CoA

**Prof. Dr. Anil Dewan**

**National Committees**

- Member of Sub Committee for Tagore Cultural Complex –Ministry of Culture, GOI
- Expert Member Himachal Public Service Commission Shimla.
- Selection Committee member NIT Hamirpur
- Selection Committee member, Building Committee Member, NIT Patna

**Chairperson/Panel member**

- Panel member for various committees of BIS.
- Expert COA, UGC, AICTE for Inspections.

**Prof. Dr. Jaya Kumar**

**National Committees**

- Member of Sub Committee for Tagore Cultural Complex-Ministry of Culture, GOI

**Editorial Board membership**

- SPA Editorial Board- Space Journal, SPA

**Chairperson/Panel member**

- Chairperson Research Grants Committee

**Dr. Leon A Morenas****National Committees**

- Member on the Board of Studies of the Bachelor of Architecture Programme at the School of Planning and Architecture, Vijayawada
- Member of the Research Standing Committee of the School of Culture and Creative Expressions at Ambedkar University, Delhi
- External Jury Member for M'Arch in Urban Regeneration at Jamia Milia Islamia University, Delhi

**Professional Bodies**

- Member of the Society for Social Studies of Science (4S)
- Member of the Society for Philosophy and Technology

**Dr. Shweta Manchanda****National Committees**

- Member, Green Building Awards Committee, Ministry of New and Renewable Energy
- Program Advisor, All India Women's Education Fund Association
- Steering Committee Member, Training the Trainer Program as part of the Fair Conditioning Project by cBalance Solutions Hub.
- Expert Reviewer for HUDCO study on Green Building Initiatives for Affordable Housing

**Editorial board membership**

- Editorial Committee Member, SPACE Journal, School of Planning and Architecture, New Delhi

**Ms. Parul Kiri Roy****National Committees**

- Member of Area Advisory Board, APID, ASAP, Amity University, Noida.

**Mr. Shuvojit Sarkar****National Committees**

- Member Technical Committee: Stones Sectional Committee, CED 6: Bureau of Indian Standards

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

**Ms Moulshree Joshi**

**National Committees**

- National Representative - TICCIH : The International Committee for Conservation of Industrial Heritage
- Core Member – Modern Asian Architecture Network (mAAN)
- Advisor - Consortium for the Promotion of the Modern Industrial Heritage in Kyushu and Yamaguchi to Inscription on the World Heritage, World Cultural Heritage Office, Kagoshima Prefectural Government, Japan

**Mr. Saptarshi Sanyal**

**National Committees**

- Member of International Council on Monuments and Sites (ICOMOS, India)
- Member of National Scientific Committee (NSC) on 20th Century Heritage
- Member of NSC for International Training

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

**Seminars/Conferences**

**Prof. Dr. Jaya Kumar/Prof. Dr. Ranjana Mital**

- Seminars in Architecture by Vth Year B.Arch. students- Inclusive Cities
- Seminars in Architecture: “Delhi: Inclusive City?” from 12 – 14 November, 2014

**Workshops**

**Prof. Dr. Ranjana Mital**

- “Teaching Structures to Students of Architecture,” workshop held at the Department of Architecture, School of Planning and Architecture, New Delhi, from May 21-22, 2015.

**Parul Kiri Roy, Shuvojit Sarkar and Anjali Mittal**

- “Pedagogic Potential of ‘The Discovery of Architecture’,”- workshop held for faculty from 10-11th July 2015.

**Vandana Kothari**

- “Sound and Wind Installation Art,” workshop conducted between 5th March 2015 – 28th March 2015 for II Year Students

**Shuvojit Sarkar**

- “Paper Model Making” workshop held on 28th Feb 2015, organized by Department Of Architecture SPA Delhi for 120 I Year Students.

**Moulshri Joshi**

- “Contemporary Architecture in India & Sweden,” 1 day conference at the Department of Architecture with support of Embassy of Sweden & Business Sweden at SPA, New Delhi
- “SymbioCity, Sustainable City Planning and Conservation for Smarter Cities,” coordinator at the Embassy of Sweden & Business Sweden at Embassy of Sweden, Chanakya Puri, New Delhi

**Leon Morenas**

- “Learning from Delhi” workshop organized (17th- 21st Nov 2014)

**Exhibitions****Parul Kiri Roy**

- Foundation Day Exhibition, 14th November, 2014.
- Exploring Shankar Camp: The Life of Sunderbanis in Delhi (End Semester Students work exhibition of students of II Year Sec-C), December 2015.
- As Culture Moves- The Migration Story of the Sunderbanis (End Year Students work exhibition of students of II Year Sec-C) 29th April-2nd May 2015

**Vandana Kothari**

- Part of group show titled ‘White: Paper - Decoding Memory’ at Art Konsult art gallery from 9th August to 5th Sept. 2014, New Delhi
- Paintings selected for ICAC Art Contest 2014 Exhibition organized by International Creative Art Centre, Mumbai 13th June 2014 – 15th June 2014
- Exhibition of Final year students who had won design competition awards outside the School (February 2015)

**Anjali Mittal**

- Exploring Shankar Camp: The Life of Sunderbanis in Delhi (End Semester Students work exhibition of students of II Year Sec-C), December 2015.
- As Culture Moves- The Migration Story of the Sunderbanis (End Year Students work exhibition of students of II Year Sec-C) 29th April-2nd May 2015

**19. Seminars or workshops attended by the faculty of the department****Prof Dr. Mandeep Singh****Participation only**

- Workshop on the pedagogic potential of ‘The Discovery of Architecture’, School of Planning and Architecture, New Delhi, 10-11th July 2014

- Seminar on Architectural Education on 20th December, 2014 at PhD Chamber of Commerce, Khel Gaon Marg, New Delhi
- Workshop on Unified Building Bye-laws for Delhi, India Habitat Centre, New Delhi, 21st October 2014
- Participated in Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014
- National Seminar on National Building Code of India: New Directions for Revision organized by Bureau of Indian Standards, New Delhi and School of Planning and Architecture, New Delhi, 18th March 2015
- "Women in Architecture in India challenges in the 21st century", conference organized by School of Planning & Architecture, SPA Alumni, Indian Institute of Architects, at India International Centre, New Delhi on 6 June 2015

**Prof. M. L. Bahri**

**Participation only**

- Workshop at University of Applied Sciences, Erfurt, Germany from 12th June, 2014 to 19th June, 2014
- Seminar on Architectural Education on 20th December, 2014 at PhD Chamber of Commerce, Khel Gaon Marg, New Delhi
- Workshop with University of Applied Sciences, Erfurt, Germany from 28th May, 2015 to 4th June, 2015.
- Workshop on Towards a Holistic Approach to City Planning, India International Centre, April 8, 2015.
- Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014

**Prof. Manoj Mathur**

**Participation only**

- Workshop on the pedagogic potential of 'The Discovery of Architecture', School of Planning and Architecture, New Delhi, 10-11th July 2014
- Seminar on Architectural Education on 20th December, 2014 at PhD Chamber of Commerce, Khel Gaon Marg, New Delhi
- Workshop on Unified Building Bye-laws for Delhi, India Habitat Centre, New Delhi, 21st October 2014
- Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014

- National Seminar on National Building Code of India: New Directions for Revision organized by Bureau of Indian Standards, New Delhi and School of Planning and Architecture, New Delhi, 18th March 2015
- “Women in Architecture in India challenges in the 21st century”, conference organized by School of Planning & Architecture, SPA Alumni, Indian Institute of Architects, at India International Centre, New Delhi on 6 June 2015

**Prof. Y. K. Jain**

**Participation only**

- Workshop on “ Teaching structures to Architecture students “, organized by School of Planning and Architecture, New Delhi, May, 2015
- Convention on “US-India Joint Centre for Building Energy Research & Development” organized by Indo-US Joint Clean Energy Research & Development Centre at I.I.T., Mumbai; 31st May to 2nd June, 2015

**Prof. Dr. Aruna Ramani Grover**

**Participation only**

- Workshop on the pedagogic potential of ‘The Discovery of Architecture’, School of Planning and Architecture, New Delhi, 10-11th July 2014
- Workshop on Unified Building Bye-laws for Delhi, India Habitat Centre, New Delhi, 21st October 2014
- Anglo-American Conference for Academic Disciplines, London, 4-7 November, 2014
- National Seminar on Architecture: Cities And Citizens, by The Department of Architecture, Delhi Technical Campus, Greater Noida, 13-14 March 2015
- National Seminar on National Building Code of India: New Directions for Revision organized by Bureau of Indian Standards, New Delhi and School of Planning and Architecture, New Delhi, 18th March 2015

**Prof. Dr. Ranjana Mittal**

**Participation only**

- “The Pedagogic Potential Of The Discovery Of Architecture”, workshop organized by the Department of Architecture, School of Planning and Architecture, Delhi. And The Indian Cities at S.P.A, Delhi on 10 – 11 July 2014
- “Teaching Structures to Students of Architecture,” workshop held at the Department of Architecture, School of Planning and Architecture, New Delhi, from May 21-22, 2015.
- Global Enrichment Program & Conference from 23 – 28 May, 2015 at University of Malay, Kuala Lumpur and Limkokwing University, Cyberjaya, Malaysia.

- “Women in Architecture in India challenges in the 21st century”, conference organized by School of Planning & Architecture, SPA Alumni, Indian Institute of Architects, at India International Centre, New Delhi on 6 June 2015
- Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014

**Prof. Dr. Anil Dewan**

**Participation only**

- Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014
- Workshop on the pedagogic potential of ‘The Discovery of Architecture’, School of Planning and Architecture, New Delhi, 10-11th July 2014
- Attended Seminar on Architectural Education on 20th December, 2014 at PhD Chamber of Commerce, Khel Gaon Marg, New Delhi
- Workshop on Unified Building Bye-laws for Delhi, India Habitat Centre, New Delhi, 21st October 2014
- National Seminar on National Building Code of India: New Directions for Revision organized by Bureau of Indian Standards, New Delhi and School of Planning and Architecture, New Delhi, 18th March 2015

**Prof. Dr. Jaya Kumar**

**Participation only**

- Seminar on “Architectural Education Turmoil Opportunities Future Course 20th Dec. 2014, New Delhi, IIA
- Workshop on “ Unified Building bye Laws” 18th Jan 2015 at Nirman Bhawan, New Delhi, organized by DUAC
- Consultation on “Child Friendly Cities” 27th Feb. 2015 at NIUA, New Delhi
- Workshop on “ Women in Architecture” 6th June 2015, New Delhi
- “Architecture-Education today for the Profession Tomorrow" at Stein Auditorium, India Habitat Centre, New Delhi on 1st September, 2014

**Dr. Leon A Morenas**

**National Conferences/seminars/workshops**

**Presentation of Paper**

- Paper entitled “Towards a Deeper Understanding of the Technological Politics of Swadeshi,” presented at the Perspectives, Dialogues and Challenges India, Japan and the Making of Modern Asia Conference organized by Shiv Nadar University and Contemporary India

Area Studies in December 2014

- Paper entitled, “Dissimulating the Smart City,” presented at the National Seminar on Disciplines, Movements, Policies: The Changing Relationship between Science, State and Society organized by Indian Institute of Advanced Study, Shimla in November 2014
- Paper entitled, “Swadeshi as Epistemology: Subaltern Technological Resistance in India,” presented at the Sociedad Latinoamericana De Estudios Sociales De La Ciencia Y La Tecnología (ESOCITE) and Society for Social Studies of Science (4S) Joint International Conference in Buenos Aires held in August 2014.

### **Participation only**

- Launch of the State of Inequality: Reproductive, Maternal, Newborn and Child Health Report at the headquarters of the Pan American Health Organisation in Washington, DC organized by the Special Program on Sustainable Development and Health Equity (SDE) on 15th June 2015
- Week long International Seminar on sustainable urbanization, hosted by the National Taipei University and the IRDR-ICoE (International Center of Excellence of the International Research on Disaster Risk programme), with the support of Academia Sinica and organised by the International Social Science Council in partnership with the Comparative Research Programme on Poverty (CROP) and the Urbanization and Global Environmental Change project (UGEC) held in November 2014
- “Teaching Structures to Students of Architecture,” workshop held at the Department of Architecture, School of Planning and Architecture, New Delhi, from May 21-22, 2015.
- “Women in Architecture in India challenges in the 21st century”, conference organized by School of Planning & Architecture, SPA Alumni, Indian Institute of Architects, at India International Centre, New Delhi on 6 June 2015
- Lecture, “Dance like a book: Copyright and the Conundrums of Culture” by Lawrence Liang, at the Center for Studies in Science Policy , JNU on 27th Jan 2015

### **Dr. Shweta Manchanda**

#### **National Conferences/seminars/workshops**

##### **Presentation of Paper**

- Presented paper on ‘Adapting to Change’ at conference titled 'GREEN Retrofit' -Building for the Future...’ at Human Settlement Management Institute, Research and Training Wing of HUDCO, December, 2014.

##### **Participation only**

- Interdisciplinary teacher’s workshop titled “Pedagogic Potential of the Discovery of Architecture”, at School of Planning and Architecture, Delhi, July, 2014.

- Workshop by Gubbi Alliance for Sustainable Development on the theme of 'Food Security' in August, 2014.
- Stakeholder Workshop for 'Scoping Study for Policy Initiatives to Minimize Urban Heat Island Effect for Low Carbon Urban Growth, organized by Ashok B. Lall Architects, September, 2014.
- Indian Institute of Architects discussion titled 'Chai Coffee and Architecture- Architectural Education: Imminent Chaos', September 2014.
- India-Sweden Workshop organized by SPA-D and Swedish Embassy, November, 2014
- 'Global Green Summit' organized by Acetech, December 2014.
- Seminar on 'Architectural Education' organized in collaboration with School of Planning and Architecture, New Delhi, December 2014.
- Workshop on 'Adding Sustainability to Engineering Courses' organized by TERI University and Center for Sustainable Engineering (CSE), Syracuse University, January, 2015.
- GRIHA Green Building Summit, organized by TERI and MNRE, March 2015
- Symposium on 'Green Energy in Buildings: A Paradigm Shift' as part of Annual Symposium on Sustainable Development jointly organized by Dept. of Resource Management & Design Application (RMDA), Lady Irwin College, University of Delhi and School of Planning Design and Construction, Michigan State University, USA, March, 2015
- Workshop on 'Towards a holistic approach to City Planning' organized by the School of Planning and Architecture, New Delhi along with Delhi Urban Arts Commission and A+D Journal, April 2015
- Workshop on 'Teaching Structures to Students of Architecture' organized by School of Planning and Architecture, New Delhi, May, 2015.
- Conference on 'Women in Architecture' organized by School of Planning and Architecture, New Delhi and Indian Institute of Architects Northern Chapter, May, 2015.

#### **Dr. Rajaprakash P**

##### **Participation only**

- Guest Lecture in the Department of Architecture NIT, Patna, 2014.
- Workshop on 3 D printing jointly organized by Centre for Science Education & Communication and Cluster Innovation Centre, University of Delhi 13-14, March, 2015.
- Women in Architecture in India challenges in the 21st century", conference organized by SPA –ND, SPA Alumni & IIA, at India International Centre, New Delhi on 6 June 2015

#### **Ms. Parul Kiri roy**

##### **Participation only**

- National Conference – Education today for the Profession tomorrow, held at IHC, New Delhi, 1st Sept. 2014, organized by IIA, CoA.

- Confluence of Global Design Educators- 'What's Next- Future of Design Education' held at ITC Hotel, Dwarka, New Delhi on 19-20 Dec.2014, organized by Pearl Academy.
- Seminar on Public Participation in Planning, Organized by SPA, IIC, New Delhi on 22-23rd Jan.2015
- UGC's Scheme on Community Engagement Center in Universities--Consultative meeting - PRIA New Delhi January 30, 2015.
- Workshop on 'Towards a holistic approach to Urban Planning' on 8th April 2015 afternoon at IIC, New Delhi.
- Workshop on Teaching Structures to Students held at 21-22 May 2015, SPA, New Delhi
- Women in Architecture Conference, 6th June, 2015, IIC, New Delhi.

**Mr. Shuvojit Sarkar**

**Paper Presentation**

- Presented a paper 'Effects of Fledgling Urban Development on the Wetlands of Kolkata', at 5th International Conference on Climate Change and Sustainable Management of Natural Resources, 09th to 11th Feb, 2015 organized by ITM University Gwalior, MP

**Participation only**

- Pedagogic Potential of 'The Discovery of Architecture'- Workshop for teachers. 10-11th July.2014
- National Conference – Education today for the Profession tomorrow, held at IHC, New Delhi, 1st Sept.2014, organized by IIA, CoA.
- Seminar on Public Participation in Planning, Organized by SPA, IIC, New Delhi on 22-23rd Jan.2015
- Workshop on Paper Model Making, 28th Feb 2015, organized by Department Of Architecture SPA Delhi
- Workshop on 'Holistic Approach to City Planning' on Wednesday 8th April 2015 afternoon at IIC.
- International conference on Design- on Lighting Design, 16th -17th June, 2015 organized by GD Goenka University
- Workshop on Teaching Structures to Students of Architecture 21st and 22nd May, 2015 organized by SPA Delhi

**Mr. S P Shrivastava**

**Participation only**

- Seminar on 'Structures with Steel Designing ,Refurbishing retrofitting at India International Centre on 8th to 9th August 2014 organized by Indian Association of Structural Engineers and Institute for steel development and growth, Kolkata.

- International Symposium on “Advance Science and Technology in Experimental Mechanics” on 1st November 2014 to 3rd November 2014 at Jaypee Siddharth Hotel, New Delhi Organised by Sharda University.
- International Seminar on Mass rapid transit system (MRTS) on 4th & 5th November 2014 India International Centre organized by Indian Association of Structural Engineers.
- Technical Lecture on “Identifying Defects In Large Diameter Bored Piles – Case Studies” on 29th January 2015 at Consultancy Development Centre, India Habitat Centre, New Delhi, by Ravi Sundaram, Founder Director, Cengrs Geotechnica Pvt. Ltd.
- Technical Lecture on “Top Down Construction” on 23rd April 2015 at Consultancy Development Centre, Core 4B, 2nd Floor, India Habitat Centre, Lodhi Road, New Delhi. by Mr. H.L.Chawla, Senior Civil Engineer organized by Indian Association of Structural Engineers.

### **Ms Moulshree Joshi**

#### **Participation only**

- Lecture on “Building with Earth” by Architect Didi Contractor organized by Department of Conservation, School of Planning & Architecture, New Delhi, 17 February 2015
- Special lecture on “How Mahatma Gandhi Forces Us to Think?” by David Barun Kumar Thomas at Department of Architecture, SPA, New Delhi, 04 February 2015
- Conference “The Global Green Summit 2014,” an initiative of ACETECH & The Economic Times at Pragati Maidan, New Delhi, 19 December 2014
- Workshop on “Sustainable Urban Social Housing” organised by Development Alternatives in partnership with United Nations Environmental Programme (UNEP), 23-24 April 2014
- Lecture entitled “A New City? Media, Information and the Urban Future” by Prof Ravi Sundaram organized by National Institute of Urban Affairs at India Habitat Center, New Delhi, 20 March 2015
- Lecture on “Patrick Geddes’s Plan of Indore” by Prof Ray Bromley, University of Albany at School of Planning & Architecture, New Delhi, 13 January 2015
- Conference on “Small Children, Big Cities” organised by National Institute of Urban Affairs and Bernard van Leer Foundation, in partnership with Ministry of Urban Development and School of Planning and Architecture, New Delhi, 29 November 2014
- Lecture on “Learning Cities” by Tim Campbell, Urban Age Institute organised by National Institute of Urban Affairs at India International Center, New Delhi, 13 October 2014
- Lecture on “Delhi’s Twentieth Century: Reflection on Contemporary Urbanism” by Prof. Ravi Sundaram, Centre for the Study of Developing Societies at Nehru Memorial Museum & Library, New Delhi, 11 September 2014

- Lecture “On Being Familiar: The Vitalism of Frederick Salmon Growse’s Architectural Improvement of Bulandshahr 1878-1886” by Dr. Venugopal Maddipati, Ambedkar University at Nehru Memorial Museum & Library, New Delhi, 09 September 2014
- Lecture on “Nehru, Le Corbusier and the Mapping of Modern or (Urban) India” by Prof. Ravi Kalia, The City College, New York at Nehru Memorial Museum & Library, New Delhi, 06 August 2014
- Attended The Emerging Role of the Architect in the Indian Context organized by Swiss Arts Council at Embassy of Switzerland, New Delhi, 21 March 2014

### **Ms Arpita Dayal**

#### **Participation only**

- 6th International Conference On “Architecture, Civil and Environmental Engineering” (ACEE- 2015), 25th -26th January 2015, JNU, New Delhi

### **Ms. Aarti J**

#### **Participation only**

- “Reinventing Dharavi” by Smita Singh on 6 January 2015 in New Committee room, SPA.
- Workshop on ‘Towards a holistic approach to Urban Planning’ on 8th April 2015 at IIC, New Delhi.

### **Ms Anjali Mital**

#### **Participation only**

- Workshop on “Pedagogic Potential of the Discovery of Architecture”, on 10-11 July 2014
- Workshop on “Celebrating Habitat, The real, The Virtual and The Imaginary” by B. V. Doshi NGMA 11th October, 2014.
- Urban Age conference on “Governing Urban Futures, 14-15 November, 2014
- Seminar on “Architectural Education Turmoil and Opportunities- Future Course” on 20th Dec 2014
- Seminar on Public Participation in Planning, Organized by SPA, IIC, New Delhi on 22-23rd Jan. 2015
- UGC’s Scheme on Community Engagement Center in Universities--Consultative meeting - PRIA New Delhi January 30, 2015.
- Workshop on ‘Towards a holistic approach to Urban Planning’ on 8th April 2015 afternoon at IIC, New Delhi.
- Workshop on Teaching Structures to Students held at 21-22 May 2015, SPA, New Delhi

- Women in Architecture Conference, 6th June, 2015, IIC, New Delhi.

**Ms. Mekhla Parihar**

**Participation only**

- “Teaching Structures to Students of Architecture,” workshop held at the Department of Architecture, School of Planning and Architecture, New Delhi, from May 21-22, 2015.

**Mr. Saptarshi Sanyal**

**Participation only**

- Architectural History in your backyard (mentor), ITM University, Gwalior, MP (December, 2014); Documenting Regional Architecture (mentor); HNGU, Patan, GJ (January, 2015);
- Annual Conference of the International Journal of Arts and Sciences, (participant and chair) Vienna, Austria (April, 2015)
- Music and Design (Mentor) in Pearl Academy, NOIDA, UP (May 2015)

**20. Courses and training programs of more than one week attended by the faculty of the department**

S.No.	Name of the Faculty	Name of the Course and Training Programs of more than one week attended by the faculty
1	Dr. Leon A Morenas	International Seminar on sustainable urbanization, hosted by the National Taipei University and the IRDR-ICoE (International Center of Excellence of the International Research on Disaster Risk programme), with the support of Academia Sinica and organised by the International Social Science Council in partnership with the Comparative Research Programme on Poverty (CROP) and the Urbanization and Global Environmental Change project (UGEC) in November 2014

**21. Awards or recognitions received at the national and international level by the faculty, and students.**

- Dr. Leon Morenas— World Social Sciences Fellow (awarded by the International Social Sciences Council)

**22. Internal and external members of the Board of Studies**

**External Members**

- Mr. Alok Ranjan, Jaipur
- Prof. Vinod Gupta, New Delhi

- Mr. Narendra Dengle, Pune
- Prof. Malay Chatterjee, New Delhi
- Mr. Ravi Punde, New Delhi

**Internal Member**

- Prof. Dr. Mandeep Singh
- Prof. Dr. Aruna Ramani Grover
- Prof. Dr. Jaya Kumar
- Prof. Dr. Ranjana Mital
- Ms. Parul Kiri Roy
- Mr. Shuvojit Sarkar

**23. Internal and external members of the Departmental Research Committee**

**Internal Members**

- Prof Dr. Mandeep Singh
- Prof. Dr. Aruna Ramani Grover

**External Members**

- Dr. Vinod Gupta, New Delhi
- Prof. A.G.K. Menon, New Delhi

**24. Prominent visitors to the department of studies**

- Dr. Piyush Tiwari, Melbourne University
- Prof. Sir Peter Cook, University College London

**25. Give details of activities under various MOUs during the reporting year**

- MOU with French National Architecture Institute, Paris, April 10th 2015 during PM Modi's visit
- MOU with Kohler to award students with a certificate and scholarship INR. 75,000/- for each

**26. Give details of 'beyond syllabus scholarly activities' of the department**

Concept of senior faculty as Year Coordinators was introduced in this academic year. This was to ensure mentoring of junior faculty, parity of grades between sections and parity between learning outcomes.

Students from I to V yr were involved in:

- sorting books in the library,
- preparing drawings/ creating page-layouts of semester work for publication,
- surveying and preparing proposals for upgradation of village Shukratal under PMAGY

## 27. Any other information

### Awards

- Kohler Awards- 5 students received awards/ scholarship of INR. 75,000/- each
- Kajaria Awards- 3 students received awards/ scholarship of INR. 1,00,000/- each

### Joint Workshops/Studios

- A joint workshop was conducted between SPA Delhi and University of Applied Sciences, Erfurt, Germany under the Guidance of Prof. M.L.Bahri and Prof. Dr. Anil Dewan. The first phase of the workshop took place in Delhi in 2015 where in students worked on the project jointly for a week and the next phase of the project was held in Erfurt, Germany in June, 2015. This workshop was followed by a brief educational tour of Europe for 10 days.
- University of Melbourne Travelling Studio: in SPA-D Feb 9 to 11, 2015

### Faculty selected nationally or internationally to visit other laboratories or institutions or industries in India and abroad

S.No.	Name of the Faculty	Place Visited
1	Prof. M. L. Bahri	University of Applied Sciences, Erfurt, Germany
2	Prof. Dr. Ranjana Mittal	INS DAG, Kolkata University of Malay, Malaysia Limkokwing University, Malaysia
3	Prof. Dr. Anil Dewan	University of Applied Sciences, Erfurt, Germany
4	Dr. Leon A Morenas	Indian Institute of Advanced Studies, Shimla Academia Sinica, Taipei Pan American Health Organisation Headquarters, Washington D.C.
5	Ms. Parul Kiri roy	Indian Institute of Art and Design, New Delhi
6	Ms Moulshree Joshi	Swiss Arts Council - Pro Helvetia at the Foundation for Indian Contemporary Art, New Delhi Consortium of Kyushu Yamaguchi Industrial Heritage & National Congress of Industrial Heritage, Japan
7	Ms Anjali Mital	Indian Institute of Art and Design, New Delhi Sushant; School of Art and Architecture, Gurgaon
8	Mr. Saptarshi Sanyal	Sushant's School of Architecture, Ansal University Gurgaon (External Juror); WKO, FH Wien University, Vienna, Austria (IJAS Conference Participant)



## 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
- Ph.D.

**3. Year of establishment of the Department**

1990

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Number of Year of Experience	Remarks if any
Dr. Rabidyuti Biswas	B.E (CIVIL), M.R.P. Ph.D.	Associate Professor and Head since 01.01.2015	Regional Planning, Urban Planning, Infrastructure Planning and Management	21 years	Head from December 2014
Prof. Dr. Mahavir	B. Arch., MURP, PG Diploma (Remote Sensing), Ph. D. (ITC-Utrecht, The Netherlands)	Professor	Urban and Regional Planning, Geo-informatics	30 Years	Ph. D. Research guidance one completed
Prof. Ashok Kumar*	M.Sc. Geography MP (URP) Ph.D. (The University of Liverpool, UK), PDHRM	Professor	Urban and Regional Planning	22 years	Head of Department of Regional Planning in 2014-15
Dr. Mayank Mathur	B Arch, M Housing, P G Dip in Housing Planning and Building, The Netherlands, Ph.D, FITP	Associate Professor and as Head up to 31. 12. 2014	Housing and Community Planning, Design of Human Settlement	27 years	Head of Department till December 2014 Ph. D research guidance one completed at VNIT Nagpur
Dr. Poonam Prakash	B.Arch, M.Planning (Housing), Ph.D. B. Planning,	Associate Professor	Housing	25 years	

Taru Jain	B. Planning M.Sc., Transport Planning and Engineering (UK)	Assistant Professor	Transport Planning	8 years	--
Priti Deo	Masters in Geography M. Planning (Regional Planning)	Assistant Professor	Regional Planning	11 years	--
Papiya Bandyopadhyay Raut	Master of Planning (RP) M.A. (Geography)	Assistant Professor	Regional Planning, Rural Development & planning, GIS & Remote Sensing	20 years	--
Piyooash Singh	B. Arch, M.C.P.	Assistant Professor	Urban Planning	7 Years	--

\*Since Prof. Dr. Ashok Kumar was Head of the Department of Regional Planning during the reporting period, his work pertaining to annual report is shown in the Annual Report of the Department of Regional Planning.

## 5. 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. Rabidyuti	VII	Planning and Design Studio (Regional Planning aspect)	11
Biswas	VI	Utilities and Services Planning	4
	IV	Design studio (Site Plan preparation)	11
	IV	Environmental Science	3
	VIII	Thesis and Terminal Project	6
Dr. Mahavir	VII	Planning and Design Studio (Regional Planning – Cuttack District)	8
	VII	Planning Information Systems and Computer Use	3
	VIII	Thesis and Terminal Project	6
	IV	Techniques of Planning – II	4
	VI	Planning and Design Studio (Master Plan – Anand - VallabhVidya Nagar - Karamsad)	3
			5

Dr. Ashok	III	Planning Theory I	3
Kumar	IV	Planning Theory II	3
	VIII	Thesis and Terminal Project	9
Dr. Mayank	I	Basic of Design I	11
Mathur	V	Housing and Community Planning	1
	II	Theory of Design	2
	VI	Planning and Design Studio (Master Plan)	6
	VIII	Thesis Supervision and Thesis Coordinator	6
Dr. Poonam	V	Planning and Design Studio (Zonal Plan Aspects)	11
Prakash		Studio Coordinator	
	III	Techniques of Planning I	3
	II	Basics of Design II	8
	VIII	Professional Practice	3
	VIII	Thesis and Terminal Project	6
Taru Jain	III	Studio Coordinator- Planning and Design Studio (Transportation Aspects)- Coordinator	11
	III	Theory Course- Traffic and Transportation Planning- 1	4
	II	Studio Coordinator - Planning and Design Studio- 2 (Area Appreciation)	11
	VI	Theory Course- Settlement Sociology	3
	II	Arts and Graphics -2	1
	VIII	Thesis and Terminal Project	6
Priti Deo	II	Computer Programming & Application – I	3
	V	Settlement Geography	2
	III	Planning & Design Studio- Transport Aspect	11
	I	Arts and Graphics Studio-2	1
	IV	Computer Programming & Application – II	3

	II	Basics of Design II Studio- Area Appreciation	11
	VIII	Thesis and Terminal Project	5
Papiya	I	Arts & Graphics	1
BandyopadhyayV		Settlement Geography	1
Raut	VI	Planning and Management for Informal Sector	3
	VI	Planning and Design Studio (Master Plan)	11
	VII	Rural & Resource Planning	4
	VII	Planning and Design Studio (Regional Plan)	11
	VIII	Thesis and Terminal Project	2
Piyoosh Singh	III	Evolution of Human Settlements	3
	I	Arts & Graphics – I	3
	I	Basics of Design – I	11
	I	History of Art & Culture of Settlements	2
	I	Theory of Design	1
	IV	Planning & Design Studio (Housing Aspects)	11
	VIII	Thesis and Terminal Project	6

#### 6. 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
Dr. Rabidyuti Biswas	I semester (M. Planning)	Infrastructure Planning	1
	IV Semester,	Thesis Guidance	3
	Department of Regional Planning	Special lecture on regional Planning	4 hours in total
	I Semester, Department of Architecture Conservation		
Dr. Mahavir	I Semester, M.Planning Integrated	Introduction to Remote Sensing	1
	IV Semester Department of Environment Planning	Thesis	3

Dr. Mayank Mathur	At SPA IV semester Department of Housing	Housing for special areas	2
Dr. Poonam Prakash	I Semester, Department of Architecture Conservation	Theory and Parameters I – Introduction to Town Planning	1
	IX Semester, Department of Architecture	Guidance to Seminar Students	
	II Semester, Department of Regional Planning	Introduction to Participatory Planning	1
Taru Jain	I Semester, Department of Architecture Conservation	Special lecture on Transport Planning	4 hours in total

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

<b>Name of the Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Hours per Week</b>
S. C. Agrawal	I, II, IV	Quantity Surveying and Specification, Applied Mathematics, Materials of principle of construction	3,3,3
Prof.J. H. Ansari	VI, VII	Planning and Design Studio: Development Plan Preparation of a Town, Planning and Design Studio: Regional Plan	8,11
S. C. Arora	I	Basics of Design-1 Studio, Arts and Graphics-1, Arts and Graphics 2	6, 3, 3
R. P. Bansal	VIII	Planning Legislation	3
Dr. Jyotsna Bapat	III, VIII	Ecology and Resource Management, Thesis	3, 5
R. K.Barik	VIII	Political Systems and Planning	2
M. Z. Bawa	II, V	Basics of Design-II, Planning and Design Studio (Area Planning / Zonal Planning)	11,11
Dr. A. M. Bhola	II	Applied Geology	3
V. K. Bugga	VIII	Thesis	6
Dr. P. K. Chaubey	IV	Elements of Economics	3
Dipak Roy Chaudhary	V	Demography and Urbanization	3
Sarika Chakravarty	V	Housing and Community Planning	2

Mona Chhabra	V,VIII	Development Planning, Technical Report Writing	3,3
Amit Dongre	II	Photography	1
Arun Dev	I	Workshop, Arts and Graphics-2	3, 3
Abhinandan Jain	III	Planning and Design Studio Transportation aspects	11
R. Y.Kadeer	II	Applied Geology	1
Mansi Kataria	VI	Urban Design and Conservation	2
Kalpana Khurana	VI	Landscape Planning and Design	3
Dr. Salman S Khan	VI, VIII	Land Economics and Locational Theory, Thesis	3,3
H. S. Khurmi	IV	Planning and Design Studio (Site Planning)	6
Prashant Kumar	III	Planning and Design Studio Transportation aspects	6
R. M. Lal	VIII	Thesis	6
Dr. Kusum Lata	I	Basic of Structure Design	4
P. V. Mahashabdey	IV, V, VIII	Planning and Design Studio: Site Planning, Planning and Design Studio: Zonal Planning, Thesis	11 ,11, 1
Subroto Mazumder	I,II	Basics of Design-I, Arts and Graphics –II	11,3
Dr.S. N.Misra	VI, VIII	Planning and Design Studio: Development Plan Preparation of a Town, Thesis	9, 3
K. K. Pandey	VII	Urban Management	3
P. M. Parate	II	Basics of Design -2 Studio	6
Dr. Purnima Parida	V	Transportation Planning-II	3
Subir Paul	VIII	Thesis	6
Surbhi Anand Roy	VI	Urban Design and Conservation	2
S. C. Roy	VIII	Public Finance	3
Dr. R. K. Sachdeva	VI, VII	Operations Research and System Analysis/ Computer Applications-III, Project planning and Control	3,3
Vinod Sakle	VIII	Thesis	3
Parul Sharma	III	Planning and Design Studio Transportation aspects	5
Ravi Shekhar	I,II	Statistical Methods – I & II	3,3
Shilpi Sinha	I	Arts and Graphics-I, Basics of Design-1 Studio, Workshop	3,6,3

R. Srinivas	VIII	Thesis	6
Dr. Shipra Narang Suri	VIII	Thesis	3
R. D. Surie	IV	Planning and Design Studio (Site Planning)	11

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date
Mona Chhabra Anand	VIII	Technical Report Writing	14, 28 Jun-15
Vijay Anandkat	All	Semantic for Smart Cities	07 Nov- 15
Dr.Cat Button	All	The Illusion of Plentiful Water Supply in Mumbai's Middle Class Apartments	17 Mar-15
Dr. Cat Button	All	Domesticating Infrastructure Governance through, Rainwater Harvesting in Mumbai	19 Mar-15
A.K. Jain	VI	The Planning Context of Sub-zone D-20	30 July-14
Umang Jain	All	BRT Systems	20 Oct- 14
Rajesh Kaushal	VI	Master Plans	02 Jun-14
Samir Mathur	IV	Landscape Planning	01, 10 April-15
Rupa Nandy	VIII	Contracts	3, 10 March-15
Dr. Shipra Narang*	All	Urban Management and Governance in the times of Flux: Emerging themes for Planning and Planners	31Mar- 15
Shachi Pandey*	All	Affordable Housing	12 Jan- 15
Mihir Prakash *	All	Spatial Databases for Planning	19 Feb- 15
Smita Singh *	All	Reinventing Dharavi	06 Jan-15

\*Part of Silver Jubilee Alumni Lecture Series

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

As a part of the Planning and Design studio the IV year VII semester B. Planning students took up the preparation of District Development Plan for Cuttack District of Odisha as a case study for district development plan. It was a joint studio program with Department of Environmental Planning.

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

Semester/Year	Project Title/Topic	Description
First Semester	Basics of Design-1	The studio aimed to develop skills of drafting and study of basics that are required in the expression of planning drawings. Various exercises such as scales, orthographic, concept about parking, housing area, FAR etc. are undertaken.
Second Semester	Land Use Study and Area Appreciation- Delhi and Gurgaon	This studio aimed at acquainting the students with basic concepts of planning. Projects included understanding of Delhi through popular movies, space perception study, land use study of different areas and area appreciation study for Mayur Vihar and Gurgaon. The students attempted to understand the link between planning, development and quality of life.
Third Semester	Planning and Design Studio- Transportation Aspects	This studio examined the relationship between land use and transport. Students studied cross-sectional elements of roads, traffic volume, parking, walkability, public transport access, origin and destination of trips and, speed and delay in a residential area in Delhi. The studio proposed several measures for improvement of mobility in the area.
Fourth Semester	Planning and Design Studio-Housing Aspects	In this studio, students were imparted site planning and design skills. The students proposed an outline sector plan and selected around 10 hector for detailed residential development. Each student prepared a site plan, services plan, landscape plan and a model of the site plan. The case study site was Rohini Sector 30 New Delhi .
Fifth Semester	Approach to Zonal Plan Preparation – Case Study of Subzone D-20	This studio examined the policies of redevelopment of the Master Plan of Delhi and its detailing at the sub-zone level. The sub-zone included projects like redevelopment of East Kidwai Nagar. Through the case study, the students learnt about hierarchy of plans, function of lower order plans and interrelation between different aspects.
Sixth Semester	Planning and Design Studio- Development Plan for Anand-Vallabh Vidya Nagar-Karamsad	In this Studio exercise students comprehend components of a statutory Master Plan document and their significance for the people and communities

of the city. Students explored the processes of land use allocations underpinning the stated rational plan making model through a case study of Anand, Gujarat

Seventh Semester Planning and Design Studio- Regional Plan for Cuttack

In this studio exercise students had taken up Cuttack district of Odisha to prepare a District Development plan. They took up primary surveys and secondary data collection. Finally they came up with an environmentally sustainable and economically viable integrated district development plan for 2031 through a proper settlement hierarchy.

Eighth Semester

Students worked on individual thesis.

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

Roll No.	Name of the Students	Topics
BP/521/2011	Isha Rana	Smart cities and Urban Indian Condition: Is there a fit between the two?
BP/522/2011	Velaga Naveena	Planning Strategies For An Integration Mass Transit System
BP/523/2011	Akanksha Laroiya	Approach To Conflict Management In Plan Implementation, Case Study - New Delhi
BP/524/2011	Ashwini Dubey	Using Geo- spatial Techniques for Resolving Governance Issues Due to Multiple Boundaries Case Study of Zone-F, New Delhi
BP/525/2011	Shamil Shirish Khedgikar	Implications of Acquisition of Land for special Economic Zones: A case study of Navi Mumbai Sez"
BP/527/2011	Mahak Agrawal	Sanitation Deprivation: A case of open Defecation in Delhi
BP/529/2011	Priyal Agarwal	Benchmarking of Urban Infrastructure for Smart Cities in India, Case Study: Noida
BP/530/2011	Sidharth Agarwal	Role of Physical Environment in the Happiness of Urban Residents
BP/531/2011	Apoorva Kumar	Land Tenure Security for Urban Poor in slums of Bhopal
BP/532/2011	Janmejay Sahoo	Adequacy of Affordable Housing Initiatives in Delhi
BP/533/2011	Ishan Maggo	Impact of Elevated Expressway Project at Panipat City
BP/534/2011	Disha D. Mendhekar	The Role of Urban Governance in Effective Public Service Delivery
BP/535/2011	Usman Nasim	Evaluating the Impact of Metro on Trip-generation of a Typology of Commercial Area in the Walled City- Delhi

BP/536/2011	Dhruv Pasricha	Strategic Environmental Assessment in Regional Planning
BP/537/2011	Debaleena Roy	Planning Strategy For Development Of A Backward Area: Karimganj District, Assam
BP/538/2011	Maharaj Singh	Role of Electric Rickshaws in Delhi, Case Study: Planning Zone –C
BP/540/2011	Yathartha Singh	Environmental Injustice in Solid Waste Management, Case Study: New Delhi
BP/541/2011	Satyam Narayan	Strategies for Varanasi as a Smart Heritage City
BP/543/2011	Anita Mandal	Neighborhood Urban Green Spaces for Senior Citizens and Children in Delhi
BP/545/2011	Jyotiraditya Verma	Urban Sprawl and Transport Demand- Delhi
BP/546/2011	Tanniru Sandeep	Evaluation of Slums with Reference to Environmental Conditions and Perspective Habit and Growth Options
BP/547/2011	Varikoti Sai Samyukta	Synergy Between Metro Rail Transit System and Urban Development- Hyderabad
BP/548/2011	Gaurav Prasad	Evaluation of Redevelopment Project 'East Kidwai Nagar' New Delhi
BP/549/2011	Anil Yadav	Feasibility Study of Existing Bicycle Infrastructure in Delhi
BP/550/2011	Vipul Kumar	Integrated Urban Drainage - Najafgarh Drainage Basin, New Delhi
BP/552/2011	Pintu Saini	Improving Walkability in Formal And Informal Residential Areas of Delhi
BP/553/2011	Nimish Deshwal	Planning Interventions for 'Living' Heritage Areas case Study: Amar SagarPlo, Jaisalmer
BP/554/2011	Pranav Kumar Gupta	Child friendly Communities and Their Realization in Delhi
BP/555/2011	Deepika Saxena	Impact of Green Infrastructure on Quality of Life
BP/558/2011	Arun Tomar	Impact of Human Settlements on River Ecosystem- Rishikesh, UP
BP/488/2011	Samarth S. Gangwar	Appraisal of Planning Framework of Chandigarh Union Territory
BP/508/2010	Himanshu Kumar	Planning Provision for Secondary Education- Barmer District, Rajasthan
BP/519/2010	Ravi Shankar	Impact of land use transformation on River Gomti Of Lucknow City
BP/481/2010	Sonna Ravi Kiran	Impact of VK -PCPIR on water resources
BP/515/2010	Sudharshan S M	Urban Infrastructure Financing, Case of Tiruchirappalli

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

<b>Year of Enrolment</b>	<b>Name of the Student</b>	<b>Thesis Topic</b>	<b>Name of the Research Supervisor</b>	<b>Remarks if any</b>
2007-2008	Ms. Prabh Bedi	Indian National Urban Information Systemasan input for Planning Decision Making for Municipalities	Prof. Dr. Mahavir	Completed
2011-2012	Ms. Sanhita Bandyopadhyay	Space state model for solid waste management	Dr. Rabidyuti Biswas	Final stage of submission
2011-2012	Mr. Bikram Kumar Dutta	Evaluation of Re-settlement and Rehabilitation Policy of India-Case Study of Highway Projects	Prof.Dr. Ashok Kumar	Final stage of submission
2012 -2013	Mr. Suresh Babu Ponduri	Approaches to Land Acquisition for City Planning and Development: A comparative study of Navi Mumbai and NOIDA.	Prof. Dr. Ashok Kumar	Survey and analysis stage
2012 -2013	Ms. Seema Kaushal	Evaluation of the Processes of Master Plans Preparation : A comparative Perspective	Prof. Dr. Ashok Kumar	Survey and analysis stage
2013-2014	Mr. Harikrishan Gopal Nambiar	Housing Transformation around Major Urban Transportation Nodes in Mega Cities- Case Studies Delhi	Dr. Mayank Mathur	Literature review stage
2013-2014	Mr. Lalit Kumar	Impact of private urban Development on different Socio-economic groups in Haryana: A Case of Sonapat-Kundli Urban Complex	Prof. Dr. Ashok Kumar	Literature review stage

Note: Student of Dr. Mayank Mathur completed Ph. D Research in VNIT, Nagpur.

## 12. Research thrust areas of the Department

- Inclusive Planning,
- Infrastructure Planning,
- Affordable Housing,
- Spatial Justice, etc.

## 13. Completed/on going research projects in the Department

Name of the Project	Thrust Area	Expected Outcomes	Total Fee
Tarun Jain Gender Appraisal of Mobility Patterns of Working Population in Delhi Project done in partnership with CSIR-CRRI	Gender, Mobility	Differences in mobility patterns of men and women in Delhi Highlighting transport exclusion for women  Report submitted in April 2015	

## 14. Details of consultancy projects undertaken by Department

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/ Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
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Nil

## 15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty

### Dr. Mahavir

- Mahavir, (2014), '10 Myths on Sustainable Development through an Inclusive Approach', SPACE Journal of School of Planning and Architecture, New Delhi, Vol. 18, No. 2, July-December, 2014.
- Mahavir (2014) (co-authored), 'GIS for Smart Urbanisation', chapter, in Vinodkumar, T. M. (ed.), Geographic Information System for Smart Cities, Copal Publishing Group, New Delhi, 2014, pp. 26-41.

**Dr. Rabidyuti Biswas**

- Biswas R. and Kaur J. (2014) 'Water Governance and Climate Change Policy in Delhi', in Biodiversity Watch, International Journal on Biodiversity Issues, January- March, No.3 p 30-44. ISSN No. 2438-4497.

**Dr. Poonam Prakash**

- Poonam Prakash (2015), 'Urban Land Use Classification - A comparative review of UDPFI guidelines 1996 and URDPFI Guidelines 2015', Spatio-Development Record, Volume 22, No.1.

**Papiya Bandyopadhyay Raut**

- Raut Sandeep Kumar and Raut Papiya Bandyopadhyay (2014), 'Combating Urban Heat Island through the Spatial Integration of land uses and Water Bodies' in International Conference Proceeding of 50th ISOCARP International Planning Congress, ISBN -978-94-90354-30.5
- Raut Sandeep Kumar and Raut Papiya Bandyopadhyay (2015), 'Building Inclusive Smart Sustainable cities through virtual Environment' in International Conference Proceeding of Real Corp, ISBN -978-3-9503110-9-9

**16. Details of other publications made by regular faculty of the Department**

**Taru Jain**

- Jain, Taru and Parida, Purnima (2014), 'Gender Appraisal of Mobility Patterns and Instances of Exclusion for Working Population in Delhi' in Proceedings of the Women's Issues in Transportation-5th International Conference, Paris

**Papiya Bandyopadhyay Raut**

- Raut Sandeep Kumar and Raut Papiya Bandyopadhyay (2015) 'Information Technology and Designing of Cyber Smart Cities in New Millennium' 63rd Congress of ITPI held at Chennai 9 -11 January, 2015

**17. Faculty serving in (a) National Committee (b) International Committee (C) Editorial Boards (d) Another (Please specify)**

**Dr. Rabidyuti Biswas**

**National Committees**

- Secretary, Educational Standing Committee, ITPI, New Delhi.
- Member of Evaluation Committee, ITPI, New Delhi.
- Member of the CSAB-2014 reporting centre in SPA Delhi from July –August 2014.
- Member of inspection team of ITPI for Master of Planning Courses in SPA Bhopal and M. S. University of Boroda.

**Editorial Board**

- Member of Editorial Board of Biodiversity Watch, International Journal on Biodiversity Issues, ISSN NO: 2438-4497

**Member of Professional Bodies**

- Member of Town Planning Examination Board and Board of Studies of ITPI and Karnataka State Open University.
- Fellow Member of Institute of Town Planners, India, New Delhi.

**Other Committee**

- Coordinator of the jury of the V. N. Prasad Best Thesis on Planning award for the year December, 2014.
- Coordinator for the Dr. D. S. Meshram Best Thesis Award 2014 for under graduate planning students, ITPI, New Delhi, December 2014.
- Examiner and paper setter for subject MURP-707, Environment, Development, and Disaster Management for Deenbandhu Chhotu Ram University of Science and Technology, Murthal, 26 November 2014.
- Guide and Jury member for the Planning and Design Portfolio for post graduate students of ITPI New Delhi, January 2015.

**Dr. Mahavir****National Committees**

- Member, Committee for Revision of NUIS Guidelines & Design Standards; Ministry of Urban Development, Government of India.
- Member, Technical Advisory Committee for Coordination and Implementation of the Formulation of GIS-Based Master Plans Scheme; Ministry of Urban Development, Government of India.
- Member of the Senate, SPA, Bhopal
- Member, Academic Council, SPA, Vijayawada
- Member, Board of Studies and Area Advisory Board, Amity School of Architecture and Planning, Amity University, NOIDA, U. P. (combined the two)

**Editorial Boards**

- Editor, SPACE Journal of School of Planning and Architecture, New Delhi

**Member of Professional Bodies**

- Fellow Member of Institute of Town Planners, India, New Delhi.
- Registered with Council of Architecture, New Delhi.

- Life Member, Indian Institute of Public Administration
- Life Member, Indian Society for Remote Sensing
- Member Academic Council of the School
- Vigilance Officer of the School

#### **Other Committee**

- Expert, for evaluation of the research on “Application of Geo-informatics in Housing the Urban Poor”, organized by the HSMI, HUDCO, New Delhi, August 7, 2014

#### **Dr. Mayank Mathur**

#### **National Committees**

- Secretary Educational Standing Committee, ITPI till December 2014
- Secretary, Town Planning Examination Board, ITPI
- Member, Evaluation Committee, ITPI
- Convener of the ITPI expert committee for the Assessment and approval of B. Planning Course at Amity, NOIDA.
- Convener of the ITPI expert committee for the Assessment and approval of B. Planning Course at CEPT University
- Convener of the expert committee for the Assessment and approval of MURP course at SPA Vijayawada
- Convener of the expert committee for the Assessment and approval of MURP course at BBD Lucknow
- Member of the expert Committee for the assessment and approval of Environmental Planning Programme at SPA Bhopal on 25th – 26th May 2015.

#### **International Committees**

- Vice President, IHS Alumni Association, India

#### **Member of Professional Bodies**

- Fellow Member of Institute of Town Planners, India, New Delhi.
- Registered with Council of Architecture, New Delhi.
- Member, Academic Council SPA
- Member, Executive Council, SPA

#### **Other Committee**

- As part of the examination team as supervisor for the Viva voce of PhD at VNIT, Nagpur, on 20th November 2014.

**Poonam Prakash****National Committees**

- Nodal Point for HUDCO Chair Activities, 2012-2015

**International Committees**

- Focal Point - under University Network Initiative, UN Habitat

**Member of Professional Bodies**

- Associate, Institute of Town Planners, India.

**Other Committee**

- Independent Director in the Board of Directors for Integrated Industrial Township Greater Noida Limited.

**Papiya B Raut****National Committees**

- Executive Member, Delhi Regional Chapter, ITPI, New Delhi

**Member of Professional Bodies**

- Associate Member, Institute of Town Planner, India
- Executive Member, Delhi Regional Chapter, ITPI, New Delhi

**Taru Jain****International committee**

- Member, UN Habitat Task Force for HABITAT III

**Member of Professional Bodies**

- Associate Member, Institute of Town Planner, India
- Life Member, Institute of Urban Transport (India)
- Life Member, Indian Roads Congress
- Member, ISOCARP
- Member, Academic Council, SPA

**Priti Deo****National Committees**

- Member of the CSAB-2014 reporting centre in SPA Delhi from July –August 2014.

**Member of Professional Bodies**

- Associate Member, Institute of Town Planner, India

**Other Committee**

- Member, Integrated Educational Management Committee
- Member, Publication Committee, Women in Architecture 2015 Conference

**Piyoosh Singh****Member of Professional Bodies**

- Registered with Council of Architecture (COA)
- Associate Member, Institute of Town Planner, India

**18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

- a) Exhibitions
- b) Seminars/Workshops

**Dr. Mayank Mathur**

- Coordinated Workshop on 'Towards a holistic approach to City Planning' organised by SPA-D in association with the Delhi Urban Art Commission (DUAC) and A+D, at New Delhi 8 April 2015

**Dr. Poonam Prakash**

- National Seminar on Planning and Development Laws : Court Cases, Institutional Response and Implications for Planned Development, ITPI Delhi, 25-27 September 2014
- National Seminar on Public Participation in Planning, India International Centre, New Delhi, 22-23 January 2015
- Organised half day Interactive Session on Affordable Housing with Students and faculty from Pratt University, 12 January 2015

**Taru Jain**

- Organised a series of Silver Jubilee Alumni Lecture Series to commemorate 25 years of the Department. Four lectures organized in previous year. Details in special lectures.

**19. Seminars or workshops attended by the faculty of the Department****Taru Jain****International conference/workshop/seminar**

- Member of international faculty group, Capacity Building Programme in Planning Principles to Al Ain Municipality Officials in Al Ain, UAE, October 30 2014, organised by ISOCARP.

**Chairperson/Member of Panels**

- Rapporteur in Seminar on 'Planning and Development Law' organized on by SPA Delhi, 25th September 2014

- Rapporteur in workshop on 'Holistic Approach on City Planning', organized by SPA Delhi and DUAC Delhi on 8th April 2015

### **Participation Only**

- 15th ESRI India User Conference on 11th December 2014 in Delhi
- Workshop on 'Holistic Approach on City Planning', organized by SPA Delhi and DUAC on 8th April 2015 in Delhi.
- International Conference, the Urban Age: Governing Urban Future, Organised by the London School of Economics and Political Science (LSE), UK and National Institute of Urban Affairs (NIUA), New Delhi on 14-15 November, 2014.
- Attended the Seventh Annual TRIPP Lecture by Rob Noland at "Pedestrian Safety versus Traffic Flow: Finding the Balance" in IIT Delhi in March 2015.

### **Dr. Rabidyuti Biswas**

#### **Lecture talks**

- Delivered lecture on Planning Techniques for post graduate students of ITPI Delhi on July 2014
- Delivered invited lecture on Urban Water Resource Management–Issues and Options in IIPA, New Delhi on 26 August 2014.
- Delivered lecture on Water Policy and Water Resource Management for the officers of Central Water Commission, Government of India at IIPA on 28 January, 2015.
- Delivered lecture on Water Demand Management Approaches and Techniques on 16/3/2015 at MNIT Jaipur

#### **Chairperson/Member of Panels**

- Rapporteur in National Workshop on Interface between Town Planning Profession and Education organized by ITPI on 5 July 2014 in New Delhi.
- Rapporteur on 63rd National Town and Country Planners Congress Chennai 9-11 January 2015

#### **Participation only**

- Seminar on 'Building 100 New Cities in India' on 23 September 2014 organized by ORF, New Delhi.
- Workshop on 'Planning and Development Laws' organized by SPA, Delhi on 25 September 2014.
- Workshop on 'Transit Oriented Development in NCR' organized by ITPI, New Delhi on 26 September 2014.

- National workshop on “Introducing best practices for Septage management with focus on hill areas” on 10 October 2014.
- Lecture and discussion on New Urban Agenda for Managing Urbanization in Developing World by John Clos, Secretary General, UN Habitat III at ITPI, New Delhi on 14 November 2014.
- ESRI India user conference in Delhi 11 December 2014.
- International Conference on Clean Ganga Mission on 12 December 2014 organized by EWater in New Delhi.
- Curtain raiser event on ‘High growth inclusive urban settlements with a focus on smart cities in India’ on 29 December 2014 organized by ITPI, New Delhi
- Smart Cities India 2015 Exhibition and conference, 20-22 May, 2015 in New Delhi.
- Inauguration of 15th Delhi Sustainable Development Summit in Delhi on 5 February 2015 organized by TERI, New Delhi.
- Workshop on RTI Act 2005 organized by SPA, New Delhi on 20 February 2015
- Workshop on ‘Towards a holistic approach to city planning’ organized by SPA, DUAC and A+D, New Delhi on 8 April 2015.
- Workshop on Redevelopment of Special Areas in Delhi organized by DRC, ITPI, New Delhi held on 23 May 2015.
- 2nd South Asian City Summit in New Delhi, on 22 May 2015
- Capacity Building and Experience Sharing for Enhancing Sustainability in Urban Area organized by TERI, New Delhi on 3 May 2015.

### **Dr. Mayank Mathur**

#### **Chairperson/Member of Panels**

- Rapporteur on ‘Smart Cities’ session and participated in Sixty Third National Town and Country Planners Congress on ‘High Growth Inclusive Settlements’ held in Chennai from 8th to 11th January 2015.
- Chairperson for the Technical Session I for the National Seminar on Emerging Trends in Architecture, Design and Urban Studies, Amity University, Gwalior, Madhya Pradesh, on 6 May 2015.

#### **Invited Panelists/Experts/Jury Member**

- External Examiner for thesis of fourth semester, Master of Urban and Rural Planning, in the Department of Architecture at Deenbandhu, Chhotu Ram University of Science and Technology, Murthal, Sonapat. on 19th May 2015.

### **Lecture Talks**

- Invited Speaker for the National Seminar on Emerging Trends in Architecture, Design and Urban Studies and delivered lecture on 'Creation of Utilitarian Spaces' on 6 May 2015 at the Auditorium at Amity School of Architecture Planning, Amity University, Madhya Pradesh.
- Delivered lecture on Best Practices in 'Urban Informal Housing' at IIPA in Training Programme on Best Practices in Urban Governance, March 23-27, 2015

### **Participation Only**

- Urban Age Conference organized by NIUA New Delhi, on 14th and 15th November 2014
- Board of Studies, Deenbandhu, Chhotu Ram University of Science and Technology, Murthal, Sonapat on 16th January 2015
- HRIDAY organized by TCPO at VigyanBhawan on 21st January 2015 New Delhi
- Curtain raiser event on 'High growth inclusive urban settlements with a focus on smart cities in India' organized by ITPI, New Delhi on 29 December 2014
- Seminar on "Scope and challenges of 100 new Cities in India" at ITPI, Delhi in December 2014
- National consultation on draft URDPFI guidelines by the Ministry of Urban Development, IIPA, April 2014.

### **Dr. Poonam Prakash**

#### **National conference/workshop/seminar**

#### **Presentation of Papers/Lecture Talks**

- Slum Rehabilitation – Case of Tehkhand Pilot Project, National Seminar on Planning and Development Laws : Court Cases, Institutional Response and Implications for Planned Development, ITPI Delhi, 25-27 September 2014
- Reflections on Processes of Inclusion and Exclusion in Participatory Practices in Planning : Experience of Delhi Master Plan 2021, National Seminar on Public Participation in Planning, New Delhi, 22-23 January 2015
- Invited for lectures at the IIPA, Delhi and ISB, Mohali.

### **Participation Only**

- National consultation on draft URDPFI guidelines by the Ministry of Urban Development, IIPA, April 2014.
- Board of Enquiry Meeting regarding public notice on Shanti Hospital
- International Conference, the Urban Age: Governing Urban Future, Organised by the London School of Economics and Political Science (LSE), UK and National Institute of Urban Affairs (NIUA), New Delhi on 14-15 November, 2014.

- “International Workshop on Town and Country Planning Education: Retrospect and Prospect” Mysore University and ITPI in association with SPA-Delhi-Vijaywada and Bhopal, November 21-22, 2014.
- One day conference on 100 Smart cities, organised by Indian Institute of Commerce, 10 February, 2015 , Delhi
- Curtain raiser event on ‘High growth inclusive urban settlements with a focus on smart cities in India’ on 29th Dec. 2014 organized by ITPI, New Delhi

### **Priti Deo**

#### **Chairperson/Member of Panels**

- Rapporteur in Seminar on ‘Planning and Development Law’ on 25th September 2014 in Delhi.
- Rapporteur in workshop on ‘Holistic Approach on City Planning’, organized by SPA Delhi and DUAC Delhi on 8th April 2015.
- Rapporteur in Seminar organized by SPA Delhion ‘Public Participation in Planning’ on 22nd January 2015.

#### **Participation Only**

- Participated in 15th ESRI India User Conference Delhi on 11th December 2014
- Participated in ‘Smart Cities India 2015’ Exhibition and Conference Delhi on 21st May 2015
- Attended XVI Annual NOSPlan Convention at SPA Bhopal from 26-29 December, 2014

### **Dr. Mahavir**

#### **Participation Only**

- Smart City 2014, a National Summit on Smart City, organised by EletsTechnomedia Pvt Ltd, supported by eGov Magazine, New Delhi, July 18, 2014.
- 2nd Annual Conference on Building Green Partnerships for Sustainable CSR, organized by Sharp Developments in collaboration with IREDA and Indian Institute of Corporate Affairs, New Delhi, August 7, 2014.
- ‘Schools’ Awareness Programme’, organized by the ENVIS Centre on Human Settlements, School of Planning and Architecture, New Delhi, together with the Ministry of Environment and Forests, at New Delhi on September 22, 2014.
- ‘Ecological Reconstruction of Slums- A Dialogue’, organized by the School of Planning and Architecture, New Delhi, together with Urbanistes Sans Frontieres (USF), Paris, at New Delhi on October 14, 2014.
- International Conference, The Urban Age: Governing Urban Future, Organized by the London School of Economics and Political Science (LSE), UK and National Institute of

Urban Affairs (NIUA), New Delhi on 14-15 November, 2014.

- International Conference on 'Emerging Challenges in an Urbanizing India: Governance, Security and Climate Change', organized by the Observer Research Foundation (ORF) and the Peace Research Institute, Oslo (PRIO), New Delhi, 18-19 November 2014.
- Conference on Clever Technologies; Humanised Cities, at New Delhi, organized by myliveablecity together with the Embassy of the Kingdom of the Netherlands, New Delhi, April 17, 2015.
- Stakeholders' Workshop on 'Study of Economic Profile of NCR' and 'Study of Micro and Household Enterprises in NCR', organized by the NCR Planning Board, New Delhi, May 8, 2015.
- Conference on 'Capacity Building and Experience Sharing for Enhancing Sustainability in Urban India' organized by TERI with support from the Asia-Pacific Network for Global Change Research (APN), New Delhi, June 3, 2015,
- Special presentation by eminent scientist Dr.MaltiGoel, formerly Adviser to the DST, on 'CO2 Sequestration: A Fresh Outlook', in New Delhi on the World Environment Day, by The Climate Change Research Institute (CCRI), together with India International Centre, New Delhi, June 5, 2015.

#### **Papiya B Raut**

##### **Participation Only**

- 63rd National Congress of ITPI, Chennai in January, 2015
- Seminar on Planning and Law at ITPI, Delhi in September, 2014
- Seminar on Scope and challenges of 100 new Cities in India at ITPI, Delhi in December 2014
- Seminar on Public participation in Planning in Delhi in Jan 2015
- Seminar on Transit oriented Development in NCR held at ITPI, Delhi in May 2015
- Review meeting on National Urban Information System at MOUD, Delhi in March 2015
- Three days training program on Environmental legislation at IIPA in 2014

#### **Piyoosh Singh**

##### **Participation Only**

- Workshop on Holistic Approach on City Planning, organized by SPA Delhi and DUAC Delhi on 8th April 2015.
- Smart Cities India 2015 Exhibition and Conference in Delhi on 21st May 2015
- Seminar on Planning and Development Law at ITPI on 25th September 2014 in Delhi.

- Seminar on Scope and challenges of 100 new Cities in India at ITPI, Delhi in December 2014
- Seminar on Transit Oriented Development in NCR held at ITPI, Delhi in May 2015

## **20. Courses and training programs of attended by the faculty of the Department**

### **Dr. Poonam Prakash**

- Remote Sensing and GIS organised by the Indian Institute of Remote Sensing, sponsored by Department of Space, Dehradun, May –June 2015

### **Taru Jain**

- Course on 'Data Analysis for Research and Publication' organized by IIT Roorkee from 20-21 June 2015

## **21. Awards or recognitions received at the national and international level by the faculty, and students**

- Taru Jain received WTS Foundation Scholarship of US\$ 1000 to attend WIIT Conference in Paris in 2014
- Jyotiraditya Verma & Velaga Naveena won the Data Visualisation Challenge organized by EMBARQ in Urban Mobility India Conference in December 2014 in New Delhi.

## **22. Internal and external members of the Board of Studies**

### **Internal**

- |  |  |
|--|--|
| 1. Dr. Rabidyuti Biswas, Head of the Department (Chairman) | 5. Dr. Mayank Mathur, Associate Professor* |
| 2. Prof. Nalini M. Thakur, Dean of Studies                 | 6. Dr. Poonam Prakash, Associate Professor |
| 3. Prof. (Dr.) Mahavir, Professor                          | 7. Ms. Taru Jain, Assistant Professor      |
| 4. Prof. (Dr.) Ashok Kumar, Professor                      | 8. Ms. Priti Deo, Assistant Professor      |

(\*Prof Mayank Mathur was Chairman till December 2014)

### **External**

- |   |  |
|---|--|
| 1. Late Shri. J. B. Kshirsagar, CTP, TCPO, New Delhi                                | 3. Shri P.V. Mahashabdey, New Delhi    |
| 2. Prof. (Dr.) Binayak Choudhary, Head, Department of Physical Planning, SPA Bhopal | 4. Dr. Sudeshna Mitra, IIHS, New Delhi |

## **23. Internal and external members of the Departmental Research Committee**

### **Internal**

- |  |  |
|--|--|
| 1. Dr. Rabidyuti Biswas, Head of the Department (Chairman) | 4. Dr. Mayank Mathur*  |
| 2. Prof. Dr. Mahavir, Professor                            | 5. Prof. (Dr). P.S.N Rao, Registrar and Coordinator or the Ph.D. Programme SPA Delhi |
| 3. Prof.Dr. Ashok Kumar, Professor                         |  |
- (\*Prof Mayank Mathur was Chairman till December 2014)

### **External**

- |   |  |
|---|--|
| 1. Dr. Krishna Gowda, Director, Development Studies, University of Mysore, Mysore | 2. Dr. Balvinder Singh, Institute of Associate Professor, School of Planning, Guru Nanak Dev. University, Amritsar |
|---|--|

## **24. Prominent visitors to the Department of studies**

Suzanne Speak, University of Newcastle upon Tyne, UK

## **25. Details of activities under various MOUs during the reporting year**

Nil

## **26. Details of 'beyond syllabus scholarly activities' of the department**

- Coordinated a field visit for the Second Year Bachelor of Planning student to Bhalaswa Resettlement Colony on 17th March 2015. Dr. Suzanne Speak and Dr. Cat Button from University of Newcastle, Upon Tyne, and Dr. Mayank Mathur and Ms. Priti Deo from the Department of Physical Planning visited the site with the students. After the visit half day workshop involving discussion among all the students and faculty was organized.
- Organized Field Visit for 3rd year B. Planning students as a part of the curriculum of the subject of Utilities and Services Planning to New Motibag to show the decentralized waste management for both waste water and solid waste management on 29 November 2014. Executive Engineer from NBCC explained the concept and working of the waste management. Dr. Rabidyuti Biswas and Ms.Priti Deo organized the trip from the Department.
- Interaction of B.Planning students with graduate students of Pratt University, New York, guided by Ms Shachi Pandey, Visiting Professor at Pratt University, New York and an alumnus of the Department. Organized on 12 January 2015 in SPA New Delhi.

## **27. Any other information**

- Scholarship Sukanya Sharma and Apoorva Kumar of III Year B.Planning were conferred the "Apoorva Rustagi Scholarship for Women in Planning". The Scholarship is a merit based award initiated by the BePlanners selection based on academics, essay questions answered and an interview.

### **Papers published by Students**

- Jonnalagadda I, Tanniru S (2014), 'Rethinking Governance of Public Toilets Lessons for Swacch Bharat from Hyderabad Indivar', Economics and Political Weekly, Vol XLIX no 48, Pages 41-45
- Agarwal, M (2014), 'Conservation and Revitalization of River Yamuna, India', 50th ISOCARP conference organized in Gdynia, Poland on September 2014

### **Photographs**



**B. Planning students with students and faculty from University of Newcastle Upon Tyne, UK**



**Seminar in Public Participation in Planning organized by the Department of Physical Planning**

## DEPARTMENT OF ARCHITECTURAL CONSERVATION

### 1. Name of the Department

Department of Architectural Conservation

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

- Masters with specialization in Architectural Conservation
- Ph.D.

### 3. Year of establishment of the Department

1986

### 4. Faculty profile

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Priyaleen Singh	Ph.D(Univ. of York, U.K.), MA Conservation (Univ of York, U.K.), CHT course (College of Engineering, Tuscany, Florence), M.L. Arch (SPA –D) B.Arch (SPA-D)	Professor, Head of the Department	Urban conservation, Cultural landscapes, Historic gardens	31	
Nalini Thakur	M.A. Conservation (University of York) B.Arch (SPA-Delhi) ARC (ICCROM)	Professor	Holistic and Interdisciplinary Approach, Integrated Management Plans, Responsible Protection &	35	
Anuradha Chaturvedi	M.A. Conservation (University of York) B.Arch (SPA-Delhi)	Associate Professor	Management Heritage Management, Sustainable Development, Cultural Landscapes	30	
T. Lakshmi Priya	M.Arch, Architectural Conservation, (SPA-D), RRCH (ICCROM), B.Arch	Assistant Professor	Architectural Conservation	12	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Priyaleen Singh	I	History & Theory of Conservation- TP-I-A	1
	I	Natural & Designed	
		Landscapes as Heritage- HR I-A	1
	II	Conservation Studio - CS-II (Studio Director)	8
	II	Historic Cities- HR-II A	1
	III	Conservation Studio- CS-III	6
	III	Cultural Landscapes & Regions HR III-A	1
Prof Nalini Thakur	IV	Conservation thesis studio - CS IV	4
	I	Conservation Studio CS-I	6
	III	New Paradigms PB III	2
	IV	Theoretical Research paper - CS IV- B-	2
Anuradha Chaturvedi	IV	Conservation thesis studio - CS IVA	4
	I	Inventory & Documentation Techniques – HR IB	1
	II	Conservation Studio – CS II	4
	III	Conservation Management –CMIII	2
	III	Cultural Landscapes –HR III	1
	III	Conservation Studio - CS III(Studio Director)	12
	IV	Conservation Management Seminar – CMIV	2
T. Lakshmi Priya	IV	Conservation Thesis Studio - CS IV(Studio Coordinator)	8
	I	International Charters- TP-IA ( Theory )	1
	I	Conservation Studio-CS-I (Studio Director)	12
	II	Conservation Management –ITUC–CM-II ( Theory)	2

III	New Theories-TP-IIIB ( Theory) Heritage Economics	1
III	Upgradation of Historic Structures for Contemporary Use - SF-III A (Theory)	2
IV	Theory and Parameters IV Elective (Heritage Impact Assessment)–TP IV	2
IV	Conservation Studio-CS-IV (Studio Co-coordinator)	12

**6. 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
AnuradhaChaturvedi	II	Department of Environmental Planning Studio on Ajmer – Introduction to Historic Urban Landscape of Ajmer	2 Hours Presentation
Prof. Nalini Thakur	I	Interdisciplinary-Joint- Studio for Architectural Conservation. UD, LA and ID Presentation/	3-Hours Discussion

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Mr. S.C. Malik	Jul-Dec 2014	Foundation Course-PB-IA (Theory)	1
Dr Rima Hooja	Jul-Dec 2014	Foundation Course-PB-IA (Theory)	1
	January – May 2015	Architectural History Theory and Criticism -I -TP-IIA ( Theory )	2
Mr. Amit Jain	Jul-Dec 2014	Visual Communication –PB-IB (Theory)	1
Mr. B. M. Pande	Jul-Dec 2014	Archaeology –TP-IC (Theory)	2
Ms. Sangeeta Bais	Jul-Dec 2014	Introduction to Historic Building Materials –SF-IA (Theory) Conservation Studio–CS-I	1 6
	January – May 2015	Conservation of Traditional Materials SF-IIA (Theory )	1
Mr. A. K. Mathur	Jul-Dec 2014	Chemistry of Traditional Materials - SF-IB	2

Ms Paromita De Sarkar	Jul-Dec 2014	Conservation Studio–CS-I	3
Mr Sanjay Bharadwaj	Jul-Dec 2014	Conservation Studio–CS-I	3
Shubru Gupta	Jul-Dec 2014	New Paradigms-PB-III (Theory)	2
Ms. Yamini Mubey	Jul-Dec 2014	Qualitative Surveys –HR-IIIB (Theory)	1
		Theoretical Research Paper - CS-IVB	2
Mr. Vikram Lall	Jul-Dec 2014	History & Theory –TP-IIIA (Theory)	2
Ms. Nina Rao	Jul-Dec 2014	New Theories –TP-IIIB (Theory)	1
Ms. Sangeeta Dutta	Jul-Dec 2014	Museology –TP-IIIC (Theory)	2
Ms. Shalini Dasgupta	Jul-Dec 2014	Conservation Studio-CS-III	3
Ms Aishwarya Tipnis	Jul-Dec 2014	Conservation Studio-CS-III	3
Ms. Somi Chatterjee	January – May 2015	Architectural Knowledge Systems - PB-II A (Theory)	2
Ms Jeyanthi Nadesalingam	January – May 2015	Writing and Oral Communication - PB-II B (Theory)	1
Ms. Shabana Khan	January – May 2015	Quantitative Surveys HR-II B (Theory)	1
Dr. Rima Hooja	January – May 2015	Architectural History Theory and Criticism -I -TP-IIA (Theory)	2
Dr. Suneet Chopra	January – May 2015	Anthropology and Sociology - TP-II B (Theory)	2
Ms. Jasmine Kaur	January – May 2015	Environmental and ecological Planning, - TP-II C (Theory)	1
Mr. Deependra Prashad	January – May 2015	Development Planning and Conservation Planning. - TP-II C (Theory)	1
Ms. Sangeeta Bais	January – May 2015	Conservation of Traditional Materials SF-IIA (Theory)	1

Mr. R. S. Jamwal	January – May 2015	Structural Conservation SF-IIB (Theory)	2
Ms Sujata Kohli	January – May 2015	Conservation Studio - CS-II	4
Ms. Shalin R.	January – May 2015	Conservation Studio CS-II	8
Ms Deepika Saxena	January – May 2015	Conservation Studio CS-II	8
Dr. Yaaminey Mubayi	January – May 2015		
Mr. Divay Gupta	January – May 2015	Conservation Studio - CS-IVA	4
Prof. R.C.Agrawal	January – May 2015	Conservation Studio - CS-IVA	8
Dr. Manish Chalana	January – May 2015	Conservation Studio - CS-IVA	4
Ms. Smita Datta Makhija	January – May 2015	Conservation Studio - CS-IVA	4

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date
Prof. Tapan Chakravarty		Urban Morphology & Significance of Historic Town of Chamba , H.P.	05/08/2014
Urvashi Srivastava		‘ Shekhawati’ A case for participatory Approach to Conservation & Management	19/08/2014
Yaaminey Mubayi and Paromita De Sarkar		Approach for enhanced protection and cultural sites in Uttarakhand	26/08/2014
Meetu Sharma Saxena		‘Canberra : the garden city and issues with National Listing	09/10/2014
Dr. R. S. Jamwal		Conservation and Restoration of World Heritage Site Vat Phou Temple, Laos Democratic Republic	21/10/2014
Arunava Das Gupta		Students as Citizen Designers- Alternative Trajectories of Institutional Engagement	28/10/2014
Dr. Manish Chalana		Resilience & Change in The Mountain Villages of the Upper Himalaya in Uttarakhand	20/01/2015
Didi Contractor		"While designing a building, the basic vernacular language will differ depending on	17/02/2015

where you are, the grammar remains the same, the grammar of respect for mother nature, respect for the local tradition at its centre. What you say in that language depends on what you are building, on the site and the specific needs of the client".

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

NIL

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

Semester/Year	ProjectTitle/Topics	Description
Ist Semester/July - December 2014	Sustainable Futures For Archaeological Parks In Delhi, World Heritage City	This studio focused on Archaeological Parks with particular reference to Mehrauli Archaeological park, as an open space that represents past, present and has the potential through conservation approach to represent future continuum. The relevance and importance of interdisciplinary approach in urban-rural planning and development was established. The Post Graduate students of Industrial Design, Landscape, Urban Design, and Architectural Conservation examined the Mehrauli Archeological Park.
IIInd Semester / January-May 2015	Urban conservation strategy for a historic precinct along the ghats of Varanasi	The studio project focused on understanding the patterns and agents of transformation in a historic precinct within the larger core of Varanasi, with a view to frame a strategy for its conservation. The proposals, in the spirit of conservation were aimed at not just conserving the architecture but through conservation oriented development help improve the quality of life of the people residing in the area.
III rd Semester / July – December 2014	Sustainable Cultural Resource Management Plan for the Cultural Landscape of Chamba, Himachal Pradesh.	Studio on the formulation of sustainable management and development strategies for heritage resources within mountain regions requiring responsiveness to exceptional constraints and challenges of mountain ecosystems. Definition and management of the Cultural Landscape of Chamba Town located within the historically significant Chamba region with its 'cultural mosaic of commons'.

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

Roll No.	Name of the Student	Thesis Topics
AC/665	Sugandha Jain	Conservation and Upgradation of Raza National Library in the qila of Rampur, U.P.
AC/666	Meera Viswanath	Conservation of the Historic Fort Area of Padmanabhapuram as a Redefined Heritage Site, Tamil Nadu
AC/667	Nishant	Darbhangha Raj Sanrakshan Yojana , Vishay – Rajkosh Bhawan Parisar (Darbhanga ), Bihar
AC/668	Bharti Sikri	Conservation Strategies for the residential Heritage Narnaul, Haryana
AC/669	Neeraj Narhar Kulkarni	Conservation strategies for Vernacular environment of Sawantwadi, Maharashtra
AC/670	Madiha Rahman	Adaptive Reuse of City Palace of Alwar, Rajasthan
AC/671	Sakriti Vishwakarma	Conservation Management Plan for the Moinuddin Chishti Dargah Complex in Ajmer, Rajasthan
AC/672	Aamir Khan	Integration of Hazrat Salim Chisti's Residential Complex with the world heritage site of FatehpurSikri, Uttar Pradesh
AC/673	Shobana Devi M.	Conservation strategies for the port settlement of Nagai within the Coastal Cultural Landscape of the Kaveri Delta
AC/674	Nimmy Namrata	
AC/675	Anam Sami	Reinterpreting the site and surroundings of the Ancient University of Nalanda, Bihar
AC/676	Potdar Komal Mohan Neeta	Establishing the significance for formulation of conservation plan of the historic town of Badaun, U.P.
AC/677	Anshul Rawat	Heritage Impact Assessment for the proposed metro Rail in the core city of Pune, Maharashtra
AC/678	Aarti	Sustainable Development of Charkhari, U.P.  Conservation Plan for Protected Sites Meerut, U.P.

### 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	
2013	Janabade Prafulla Tarachand	The identification, classification and analysis of building stone in historical periods and remedies with particular reference to Indian Monuments.	Dr B.N Tandon and Prof Nalini Thakur	Re-registration

### 12. Research thrust areas of the Department

- Conservation of Historic cities, their urban form and historic gardens
- Cultural Landscapes; Historic Water Management Systems in the Deccan, Semi-Arid, Coastal and Mountain Regions
- Heritage Economics and Heritage Impact Assessment
- Post-Independence Modern Architecture in India; Practice of Modern Architecture as seen through the practitioners, their design thinking and architecture.

### 13. Completed/ Ongoing research projects in the department

Name of the Project and Sponsoring Agency	Name of Team leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
State of Built Heritage in India. INTACH	Priyaleen Singh	State of historic gardens in India/ Chapter in publication on 'State of Built Heritage of India'	-
INTACH Research and publication grant	Priyaleen Singh	Conservation of Historic gardens/ Manual on 'Conservation of Historic gardens in India'	-
State of Built Heritage in India (SOBHI) - INTACH	Anuradha Chaturvedi	Thematic Study of Historic Hill Stations / Chapter in Publication on State of Built Heritage in India	-

**14. Details of consultancy projects undertaken by Department**

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/ Fee (Rs. In Lakhs)
Mughal River front Gardens of Agra, World Monuments Fund	Priyaleen Singh	Mehtabagh and Itimad-ud-daula's tomb garden landscape study and Garden conservation plan	3.5 lakhs

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

NIL

**16. Details of other publications made by regular faculty of the Department**

**Prof. Nalini Thakur**

- Landscape Journal No 43 /2015 Prof CSH Jhabvala : Tribute from a student

**17. Faculty Serving in (a) National Committee (b) International Committee (c) Editorial Boards (d) Another (please specify)**

**Prof. Dr. Priyaleen Singh**

**National Committees**

- Member, Advisory Committee on World Heritage Matters (ACWHM), Ministry of Culture, Govt. of India
- Member, Selection committee, Sushant School of Architecture, Ansal University, Gurgaon
- Member, Board of Studies, School of Planning and Architecture, Vijayawada
- Member, Academic Council, School of Planning and Architecture, New Delhi

**Editorial Boards**

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

**Prof. Nalini M. Thakur**

**International Committee**

- Member of Scientific Committee for Conference on Islamic Architecture in Spain.

**National Committees**

- Member of Advisory Committee for developing guidelines for the National Monuments Authority.

- Member Board of Studies of the Architectural Conservation Department at School Of Planning and Architecture Bhopal.

#### **Editorial boards**

- Member Editorial Board Journal of Research CCA
- Member Editorial Board Spandrel journal of SPA Bhopal.

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

#### **National Committees:**

- Member of the Expert committee constituted for conservation and reuse of All India Radio Building, Broadcasting House, New Delhi

### **18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

#### **a) Exhibitions**

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

- Organized the exhibition of the documentation of the Mehrauli Archeological Park by the 1st Semester students at the Qutub World Heritage Site during the World Heritage Week from 19-25th November 2014.

#### **b) Seminars/Workshops**

##### **Prof. Nalini Thakur**

- Organised the India Australia Dialogue held at Taj Palace Hotel Delhi organized Jointly by SPA and Australian Trade Commission.

##### **Ms. Lakshmi Priya**

- Coordinated with the Australian Trade Commission for the workshop on 'Australia India dialogue on Responsible Protection and Heritage management approach for a common sustainable future' in Delhi, 13 January 2015
- Member of the organizing Committee for the conference on Women In Architecture, Delhi, June 2015

### **19. Seminars or workshops attended by the faculty of the Department**

#### **Dr. Priyaleen Singh**

#### **National Conferences /Workshops**

#### **Presentation of Papers**

- Presented a paper on 'Rationale for Conservation of historic cities' in Seminar on 'Smart cities, planning and Management of Historic towns' held in School of Planning and Architecture, New Delhi, March 2015.

- Presented a paper on 'State of Historic gardens in India' in Consultative workshop on 'State of Unprotected Heritage of India' held at INTACH, New Delhi, 8th May 2015
- Gave two lectures on 'Conservation of Natural Heritage' in the module on 'Urban Conservation' as part of Capacity Development programme in built Heritage studies conducted by CSMVS and MMR Heritage conservation society, Mumbai, 18 March 2015.
- Presented a paper on 'State of Conservation of Shahjehanabad' at ICOMOS Technical Evaluation mission for Delhi Imperial capital cities dossier, New Delhi, 8th Oct 2014
- Presented a paper on 'Conservation plan for Mehtabbagh and Itimad-ud-Daula's tomb garden' at International workshop on 'Mughal Riverfront gardens of Agra', Agra, 30,31 Oct 2014
- Dr. Priyaleen Singh gave a lecture on 'Historic cities' to visiting students and faculty of Dept. of Architecture, CET, Trivandrum at SPA, New Delhi, April 2015
- Dr. Priyaleen Singh participated in the Consultative Meeting regarding bylaws for Shahjahanabad, at INTACH on 30th January 2015

#### **Chairperson/Member of Panels**

- Chairperson, Session on 'The Perfumed garden' in Symposium on 'Nauras: The many arts of the Deccan', held at New Delhi, 29 Jan-2 Feb 2015

#### **Participation only**

- Attended 'Women in Architecture' Conference, Delhi, June 2015.
- Participated on invitation in workshop on 'Cultural Heritage and Rapid Urbanisation in India', New Delhi organized by ICHR and Arts and Humanities Research Council (U.K.), 3,4 March 2015
- Attended official launch of HRIDAY (National Heritage City Development and Augmentation Yojana, New Delhi, 21 Jan 2015
- Attended 'Australia India dialogue on Responsible Protection and Heritage management approach for a common sustainable future' organized by Australian trade Commission and SPA Delhi in Delhi, 13 January 2015

#### **Prof. Nalini Thakur**

#### **National Conferences /Workshops**

##### **Presentation of papers**

- Charleston College, North Carolina, Presentation "From a holistic and Integrated Approach, Conservation in India is "not full of holes"!" 26th September 2014
- Presented India presentation : "Australia India Dialogue on Responsible Heritage Management Approach for a Common Sustainable Future" 13 Jan 2015

- Prof. Nalini Thakur was associated as supervisor for the Fulbright student Morgan Campbell from Rutgers University.
- Nalini Thakur has been jury member in the Conservation IIIrd Semester Studio at SPA Bhopal on 10th December 2014
- Nalini Thakur has been on the Thesis Jury in May 2015 at SPA Bhopal for the Architectural Conservation thesis projects in May 2015
- Nalini Thakur was thesis jury member for the Masters programme in Urban Regeneration at Jamia Millia Central University on 27th May 2015.
- Panelist at the book discussion for “The Golden lands” by Architect Vikram Lall on Buddhist Architecture in South East Asia 12th June 2015
- Key Speaker at the “17th International Conference on Human Habitat 2015” (from 31st January to 2nd February, 2015) at Rizvi College Mumbai. 31st January 2015

#### **Participation only**

- HRIDAY Launch Event, NIUA and MoUD, Delhi, 21st January, 2015
- Challenges in Interpretation and Site Management Fortifications and World Heritage, organized by ICOFORT National Scientific Committee, India in collaboration with International ICOFORT Scientific Committee, New Delhi, 5-6 February 2015
- Workshops and interaction with CCA and other agencies for the transnational nomination for Chandigarh.
- Participated in the one day meeting on the 2nd Curriculum Development of the Diploma Course of IHCN organized by IHCN at UNESCO Office. 7th Feb 2015
- Advisor to the JK Chowdary Trust to organize an exhibition on his architecture in Gauwahati 17 January 2015
- Seminar “Planning and Development Laws” in Heritage Session “Jurisprudence and Heritage Law” held at ITPI and organized by School of Planning and Architecture. 1st October 2014
- “Trissur Next” held in the Architecture School at Trissur, “Cultural Heritage Conservation - A new paradigm: themes for Responsible Protection and Management” 28th Nov 2014
- National Digital Hampi Workshop for Digital Technology at India Habitat Centre, at the plenary session, “Relevance of Digital Technology for Responsible Heritage Management” Responsible Heritage Management” 19th November 2014

#### **Anuradha Chaturvedi**

#### **Associate Professor**

#### **Lecture Talks**

- ‘Parameters for Sustainable Conservation & Design Interventions in Hill Stations of India’, Special Lecture, Dehradun Institute of Technology, DehraDun, 19th& 20th February, 2015
- ‘Urban Conservation & Heritage Management’ for Dual Certification Program of ITPI, Delhi, July 23-30 2014

- Anuradha Chaturvedi: Evaluator for 'Urban Conservation and Heritage Management' module of Dual Certification course of ITPI.

#### **Participation only**

- International Workshop on 'Smart Cities, Planning & Management of Historic Towns', SPA, Delhi, March 21, 2015
- HRIDAY Launch Event, NIUA & MoUD, Delhi, 21st January, 2015
- 'Present Status of Heritage of Historic Hill Stations of India', Workshop on 'State of the Built Heritage in India', INTACH, Delhi, 8th May, 2015

#### **Ms T. Lakshmi Priya,**

#### **Lecture Talks**

- (UGC- Delivered a lecture on " Heritage Management in India" at the 77th Orientation Programme ASC), Academic Research Centre, University of Delhi, on 4th July 2014
- Ms T. Lakshmi Priya has been the external evaluator for "Urban Issues –Elective" the IIIrd year Architecture Students work at the University School of Architecture and Planning, Indraprastha University on 22nd May 2015.

#### **Participation only**

- HRIDAY Launch Event, NIUA & MoUD, Delhi, 21st January, 2015
- Challenges in Interpretation and Site Management Fortifications and World Heritage, organized by ICOFORT National Scientific Committee, India in collaboration with International ICOFORT Scientific Committee, New Delhi, 5-6 February 2015

### **20. Courses and training programs of attended by the faculty of the Department**

#### **Anuradha Chaturvedi**

- 'Sustainable Urban Water Management: Rainwater Harvesting and Decentralised Wastewater Treatment' at the Centre for Science & Environment, Delhi, 30th June to 4th July, 2014

### **21. Awards or recognitions received at the national and international level by the faculty, and students**

- Ms Jessin Kabir, student of IIIrd Semester (AC ) was selected as one among the top 20 finalists at the Meragra- design competition (above 18 category) and got special mention. It was a graphic design competition evaluated by internationally acknowledged Indian and Dutch professionals. The felicitation ceremony was at TAJ NATURE WALK on February 14th 2015 by Shri. Akhilesh Yadav, Hon'ble Chief Minister, Uttar Pradesh.

**22. Internal and external members of the Board of Studies**

Serial No.	Name	Designation and Organization
<b>Internal</b>		
1.	Prof. Dr. Priyaleen Singh	Head and Professor
2.	Prof. Nalini Thakur	Professor
3	Prof. Anuradha Chaturvedi	Associate Professor
<b>External</b>		
4	Prof Dr. Neelima Risbud	Retired, HOD-Housing Department, SPA-D
5	Prof. A. G. K. Menon	Convener, INTACH Delhi Chapter
6	Dr. S. C Malik	Senior Anthropologist,
7	Mr. P.T. Krishnan	Senior Architect, Ptk Architects Ltd
8	Ar. Ronesh Ray	Senior Architect
9	Dr. Savyasachi Bhattacharya	Historian

**23. Internal and external members of the Departmental Research Committee**

- Dr. P. S. N. Rao, Ph.D Coordinator
- Prof. Nalini Thakur, Dean, SPA-D
- Prof. Priyaleen Singh, Head Department of Architectural Conservation, SPA-D
- Dr. Partho Datta, Associate Professor, Zakir Husain Delhi College (Evening)
- Prof. R. C. Agrawal, Retired Director, ASI

**24. Prominent visitors to the Department of studies**

- Mr Sharif SamsImon, Assistant Professor and Director, Heritage Studies Centre Institute for Tourism Studies, Macao along with his students visited the Department on 27th March 2015.

**25. Details of activities under various MOUs during the reporting year**

None

**26. Details of ‘beyond syllabus scholarly activities’ of the department**

- The faculty and the students of the department are involved in spreading of conservation awareness through heritage walks and lectures on conservation at various forums outside of the school. The students are also encouraged to attend special lectures and participate in seminars outside of the school.

## **27. Any other information**

### **Prof. Dr. Priyaleen Singh**

1. Conducted heritage walk for ISOLA (Indian Society of Landscape Association) in Safdarjung's tomb, Jan 2015
2. Conducted heritage walk for INTACH Special Heritage Walks Programme linked with Delhi World Heritage nomination Delhi Chapter, INTACH in Red Fort, March 2015

### **Prof. Nalini Thakur**

1. Professor in Residence at Charleston College in South Carolina, USA between 27th September – 4th October, 2014

### **Anuradha Chaturvedi**

1. Advisor for Rear Garden & Parking reorganization, Free Church, Parliament Street, New Delhi
2. Presentation on Department of Architectural Conservation to NAAC Team, SPA, Delhi
3. Research on Urban trees and plants suitable for reduction of pollution and bio-remediation for NOIDA Floriculture Society & on Composting & Water Harvesting for RWA Sector 17 NOIDA
4. Brochure & Heritage Walk at Firoz Shah Kotla for INTACH Special Heritage Walks Programme linked with Delhi World Heritage nomination, New Delhi, 12th April, 2015

### **T. Lakshmi Priya**

1. Assisting in the preparation of the Detailed Project Report for the conservation of Old Rangi Temple at Pushkar in an advisory capacity only.



Dr. Sharif Samson, Assistant Professor and Director, Heritage Studies Centre Institute for Tourism Studies, Macao along with his students at SPA



Display of the 1st Semester students' work on Mehrauli Archaeological Park in the exhibition at the Qutb World Heritage Site organized by the Archeological Survey of India for the World Heritage Week celebration on 20th November 2014

## DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT

### 1. Name of the Department

Department of Building Engineering and Management (BEM)

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

- Masters with specialization in Building Engineering and Management
- Ph.D.

### 3. Year of establishment of the Department

1979

### 4. Faculty profile

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. (Dr.) Virendra Kumar Paul	B. Arch, M.B.E.M., Ph.D.	Professor and Head	Quality Management; Building Science; Fire Safety	26	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. (Dr.) Virendra Kumar Paul	I	Project Management –I	1
		Functional Performance of Building	1
		Building Services	2
	III	Project Seminar – II	6
	II	Information Technology in Construction II,	2
		Project Seminar I	3
		Project Management II	2
	IV	Thesis	3
		Quality Management System	3

### 6. 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
Nil		Nil	Nil

**7.(a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

<b>Name of the Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Hours per Week</b>
Dr. Ashok Kumar Mittal	I	Structure System and Design Process	3
Mrs. Aparna	I	Information Technology in Construction	2
	II	Information Technology in Construction II	2
Mr. Anil Kumar Mittal	II	Building and Infrastructure Services	3
Mr. Chandra Pal	II	Project Seminar II	3
	IV	Thesis	3
	IV	Quality Management System	2
Mr. Gireesh Chandra Tripathi	IV	Financial Management	2
Mr. Jag Mohan Lal	IV	Project Management II	6
Ms. Khyati Kohli	II	Information Technology in Construction II	2
	II	New Building Materials and Specifications	2
Mr. Krishan Kant	II	Project Management II	5
Dr. Kuldeep Chander	II	Project Seminar II	6
	II	Thesis	3
Mr. Manish Jain	II	Project Seminar II	3
	IV	Thesis	6
Mr. Manoj Mittal	II	Project Management II	2
	IV	Professional Practice	3
Dr. Marisha Sharma	IV	Electives Environmental Compliances	2
Mrs. Neelakshi Srivastava	IV	Information Technology in Construction II	4
Dr. Pawan Kumar Taneja	II	System Analysis and Operations Research	2
Dr. P.C. Jain	I	Building Services	1

Mr. Rama Pisharody	II	Project Management II	2
	IV	Professional Practice	2
Mrs. Richa Gupta	II	Information Technology in Construction II	2
Ms. Ritika Batra	I	Information Technology in Construction	3
Ms. Roma Mitra	I	Bridge Course and Research Methodology	2
Debnath	I	Quantitative Techniques	2
Mr. Salman Khursheed	II	New Building Materials and Specifications	3
	II	Structure System and Design Process	2
	IV	Thesis	3
Mr. Sandeep Goel	I	Building Services	4
Mrs. Shruti Goel	I	Building Services	2
Dr. V. Thiruvengadam	II	Project Seminar II	6
	IV	Thesis	3
Mr. Vas Dev Dewan	II	Project Seminar II	3
	IV	Professional Practice	2
	IV	Thesis	3
Dr. Vanita Ahuja	I	Information Technology in Construction	3
Mr. Yogesh Tyagi	II	Project Seminar II	3
	IV	Thesis	3
	IV	Quality Management System	2

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date
Prof. Matt Sayal	II and IV	Construction Project Management in US 2015	March 13,

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

Nil

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

### (b) Details of Special Lectures undertaken in the Department

Name of the Expert	Semester	Topic	Date
Prof. Matt Sayal	II and IV	Construction Project Management in US	March 13, 2015

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
Project Management-I Construction Technology Project Management-III	Planning of time scheduling of the case study projects Study of construction technologies adopted in the case study projects Study procurement management processes for case study projects	A luxury hotel building in a hilly terrain High rise Commercial and retail building complex. Group Housing. High rise office building. Commercial mix Building Hotel	Time management processes demonstrated Critical analysis of technologies carried out and their selection validated Procurement processes analyzed and alternatives considered for their suitability

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

Roll No.	Name of the Student	Thesis Topic
BEM/569	Anwesa Roy	Analysis of Cost over-runs in public projects and need to control them
BEM/570	Nikita Verma	Implementation of solar technology in rural India
BEM/571	Fozail Misbah	Study of structure systems and design analysis process for super tall and mega tall buildings
BEM/572	Mohit Gupta	Developing Strategies of Water Management Systems For Smart Cities in India
BEM/573	Jeetika Malik	Study of various PPP models for energy efficiency
BEM/574	Abhishek Chandra	Project Formulation and Execution Challenges in Multimodal Transit Hubs
BEM/576	Sulagna Chaudhuri	An Approach to the Management of Cost of Design Changes in Building Projects
BEM/577	Mohd. Moonis Rafat	Critical study of financial model of PPP for water supply sector

BEM/578	Shahwar Fatima	Viability of Real Estate Investment Trust in India
BEM/579	Dhruv Gupta	Project formulation for urban redevelopment projects
BEM/580	Nitin Singla	Smart Cities: Project Management of Infrastructure Services
BEM/581	Shanu Singh	impact of metro projects on commercial and residential properties, using valuation as a tool
BEM/583	Taqdees Anjum	Structural Fire Safety Design of RCC Structures: study of codes and practices of performance codes (New Zealand fire codes have moved to performance based codes)
BEM/584	Utathya Ghosh	Optimization of Operational Cost Through Facade Design of a Building for Enhanced Energy Efficiency
BEM/585	Puneet Arora	Leveraging BIM to streamline LEED Certification process
BEM/586	Mohd. Rashideen Saifi	Sustainable Development using low carbon footprint materials
BEM/587	Vaibhav Bawaniya	Monitoring & Controlling of Risk Based Schedule with Last Planner System
BEM/588	Subhankar Nandy	Study of Liabilities arising due to construction non-conformities
BEM/590	Ajit Singh	Real Estate Project Valuation and Development of Valuation Model
BEM/591	Yogesh Kumar Gupta	Design management processes for BIM driven projects (study to identify barriers and processes to overcome)
BEM/592	Shabna Madala	Influence of Weather on the Duration of Construction Project
BEM/593	Hariki Gautham A.	Health and Safety audit in Building projects In Pre-Construction and Construction Stages
BEM/594	Shruti Sharad Nagdeve	Quality audit of plumbing and HVAC service systems
BEM/595	Vivek Indora	Value Engineering Methodology for affordable housing to improve performance
BEM/596	Priyanka Singh	Cost estimation approaches for office interior works
BEM/597	Neeti Chandor	Risk Impact & Cost of mitigation during construction
BEM/598	Sameera Shimha T.P.	Water use audit in public buildings and identification of scope for technology improvement
BEM/599	Thang Muan Sang Guite	Earthquake resistant design and quantity and cost modeling of RCC framed shear wall building in seismic zones of India (12-20 Storey)

BEM/600      Varun Mattoo      Smoke heat and ventilation in basements and tall buildings: study of prediction principles and international codal provisions

# 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
2013-14	Mr. Deepak Saigal	Time and Cost Risks in Construction Projects and Approach for Optimization Strategies	Prof.(Dr.) Virendra Kr. Paul	
2013-14	Mr. Sanjay Pant	Building Regulatory Process in Urban Centers in India	Prof.(Dr.) Virendra Kr. Paul	
2014-15	Ms. Chaitali Basu	Intermediation Mechanism for Energy Efficiency Financing in Building Sector	Prof.(Dr.) Virendra Kr. Paul Prof. Matt Sayal	

# 12. Research thrust areas of the Department

- Fire safety
- Project Management
- Building Science

# 13. Completed/ongoing research projects in the Department

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
Capacity Building Initiative for Urban Local Bodies and Governmental Agencies for Construction Project Management:	Prof.(Dr.) Virendra Kumar Paul	A standard training manual for the capacity building and conducting training Workshops	Appox. 4 Lacs.

Funded by:  
HUDCO Chair

**14. Details of consultancy projects undertaken by Department**

Nil

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**Prof. (Dr.) Virendra Kumar Paul**

- Sawhney, Anil; Agnihotri, Raghav; Paul, Virendra Kumar: (2014) "Grand challenges for the Indian construction industry", Built Environment Project and Asset Management, Vol. 4 Iss: 4, pp.317 – 334

**16. Details of other publications made by regular faculty of the Department**

**Prof. (Dr.) Virendra Kumar Paul**

- Paul, V.K.; "Embodied Energy of Water: Concern Beyond Efficient Water Use" submitted for publication to Indian Plumbing Today; May 2014

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Prof. (Dr.) Virendra Kumar Paul**

**National Committees**

- Member Governing Board, Indian Plumbing Skill Council
- Nominee of Hon'ble President of India, the Visitor to the National Institutes of Technology for Selection Committees of faculty
- 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
- Chairperson, Screening Committee for National Award for the Welfare of Persons with Disabilities
- Member, Research and Development Committee of BMTPC
- Member, Expert Committee of AICTE for inspection

- 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
- Member of Selection Committee for Solar Toll Plaza Design Competition for Ministry of Surface Transport
- Member, Building Committee for the Composite Regional Center for Persons with / Disabilities (under Ministry of Social Justice and Empowerment, Government of India) , Patna.
- Jury Member for the selection / empanelment of consultants for the various projects of NBCC

#### **Any Other**

#### **Memberships to Professional body**

- Registered with Council of Architecture.
- Associate Member, Indian Institute of Architects.
- Life Member, Indian Plumbing Association.
- Honorary Member, Fire and Security Association of India.
- Fellow, Institute of Hospital Engineering

### **18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

#### **a) Exhibitions: NIL**

#### **b) Seminars/Workshops:**

- "Fire and Life Safety: Regulations and Beyond" held in New Delhi on 26th September, 2014
- Workshop on "Fire Safety in Basements and Building Envelopes" New Delhi on 11th October 2014
- Seminar on "Fire and Life Safety Measures in Tall Buildings" in association with Mumbai Fire Brigade, Mumbai on 29th November 2014.
- One-day National Seminar on 'National Building Code (NBC) of India: New Directions for Revision' in collaboration with BIS, New Delhi on Wednesday, 18 March 2015
- Workshop on "Vision and Approach to Revised NBC Part 4: 2015 Fire Safety" organized by BEM, SPA, date : 18 March, 2015

### **19. Seminars or workshops attended by the faculty of the Department**

**Prof. (Dr.) Virendra Kumar Paul**

#### **National Conferences/Seminars/workshops:**

- National Seminar on High Rise Development at Raipur on 12th October 2014, organized by Indian Buildings Congress.

## **20. Courses and training programs attended by the faculty of the Department**

### **Prof. (Dr.) Virendra Kumar Paul**

- A short course on ‘ Structural Fire Safety in Buildings’ at IIT, Gandhinagar on 5-6 December 2014
- Workshop on Fire Investigation and Fire dynamics on 24-25th August 2014 respectively at IIT, Gandhinagar

## **21. Awards or recognitions received at the national and international level by the faculty, and students**

NIL

## **22. Internal and external members of the Board of Studies**

### **• Internal Members**

- |                                  |  |
|----------------------------------|--|
| 1) Prof. (Dr.) Virendra K. Paul, | 2) Prof. & Head, Deptt. of Building Engineering and Management. SPA, New Delhi |
|----------------------------------|--|

### **• External Members**

- |   |   |
|---|---|
| 1) Dr. Mahua Mukherjee, Associate Professor, Department of Architecture and Planning, IIT, Roorkey. | 3) Prof. K. C. Iyer, Professor of Department of Civil Engineering (Construction Management) IIT, New Delhi. |
| 2) Dr. V. Thiruvengadam, Former Head, Dept. of BEM  | 4) Sh. A. R. Ramanathan, 51, Nilgiri Apartments, Alaknanda, New Delhi-110019                                |
| 5) Sh. M. P Naidu, Project Director L&T Metro Rail (Hyderabad) Ltd. Hyderabad                       |   |

## **23. Internal and external members of the Departmental Research Committee (DRC)**

### **Internal Members**

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 1) Prof. (Dr.) Virendra K. Paul, | Prof. & Head, BEM, SPA, New Delhi |
|----------------------------------|-----------------------------------|

### **External Members**

- |   |   |
|---|---|
| 1) Prof. (Dr.) Mahtab Alam, Professor of Civil Engineering, Jamia Milia Islamia | 2) Prof. (Dr.) K.C. Iyer, Professor of Civil Engineering, IIT, Delhi. |
|---|---|

**24. Prominent visitors to the Department of studies**

- Prof. Matt Sayal, Professor of Construction Management, Michigan State University at Lansing, USA.

**25. Details of activities under various MOUs during the reporting year**

- MOU, signed with Michigan State University was signed in the past and activities during the visit of Prof. Matt Sayal on March 13, 2015. Under the MOU, joint Ph.D research and research collaboration in the area of Project Management and Structural Fire Safety is being jointly guided by Prof. Matt Sayal as well.

**26. Details of 'beyond syllabus scholarly activities' of the department**

Nil

**27. Any other information**

- I. Inauguration of Foundation week by Dr. P.C. Jain, Chairman, IGBC
- II. Lecture on "Green Building Movement in India Aspiration & Challenges" by Prof. Dr. P.C. Jain
- III. Special Lecture on "Epilogue" by Mr. Syed Mohamed Beary, Chief Guest, Chairman – Bangaluru Chapter, Indian Green Building Council.
- IV. Placement achievements: All students got placements through the initiatives of the Department.



## DEPARTMENT OF ENVIRONMENT PLANNING

### 1. Name of the Department

Department of Environmental Planning

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

- Masters with specialization in Environmental Planning
- Ph.D.

### 3. Year of establishment of the Department

January 9, 1990

### 4. Faculty profile

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Number Year of Experience	Remarks, if any
Dr. Meenakshi Dhote	B. Arch , M.L.A, Ph.D.	Professor of Environmental Planning	Biodiversity, Environmental Information system	30	
Dr. Neha Goel Tripathi	B. Arch. M. Plan. (EP), Ph.D.	Assistant Professor	Low carbon cities, Climate Change, Environmental management	13	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours/week
Prof. Dr. Meenakshi Dhote	II Sem.	Subject	
		EP Design Studio (Ajmer)	6
	III Sem		
		EP Design Studio (Cuttack)	9
	IV Sem	Environmental Planning Thesis	3
	II Sem	Environmental Impact Assessment	1
	III Sem.	Advanced Environmental Impact Assessment	1
		Ph. D. Guidance	

Dr. Neha  
Goel Tripathi

II Sem	EP Design Studio (Ajmer)	6
II Sem		
III Sem.	Environmental Impact Assessment	1
	EP Design Studio (Cuttack)	6
	Environmental Protection and Management	2
IV Sem.	Environmental Planning Thesis	9

**6. 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/week
Prof. Dr. Meenakshi Dhote	I Sem	Housing and Environment	1
	I Sem	Integrated First Semester Studio	3
Dr. Neha Goel Tripathi	I Sem	Housing and Environment	1
	I Sem	Integrated First Semester Studio	3

**7. (a) 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/week
Prof A.K. Maitra,	I,II,III and IV	Theory- Housing and Environment	12
		Theory of Environmental Design	
		Advanced EIA Techniques	
		EP Studio	
		EPThesis	
Sh. B. K. Jain	IV	EPThesis	3
Sh. Bharat Bhushan	II and IV	EP Studio	9
		EP Thesis	
		Seminar on Emerging Environmental Issues	

Ms. Anita Tikoo	II, III and IV	Theory of Environmental Design EP Studio EP Thesis Seminar on Emerging Environmental Issues	9
Ms. Prabh Bedi	II and IV	EP Design Thesis GIS Lab Environmental Planning and design Studio GIS Lab	6 6
Sh. Sanjeev Saxena	III	Planning Legislation	3
Dr. T.R. Manoharan	III	Environmental Economics and Environmental Auditing	3
Sh. Ishwar Singh	III	Environmental Legislation	3
Dr. Faiyaz Khudsar	III	EP Thesis	3
Sh. Subir Paul	IV	EP Thesis Seminar on Emerging Environmental Issues	3 3
Sh. H.B. Singh	IV	Seminar on Emerging Environmental Issues	3
Dr. Suresh Rohilla	IV	EP Thesis	3
Sh. M.L. Chotani	IV	EP Thesis	3
Dr. S.C. Roy	IV	Financing and Management of Environmental Planning	3
Prof. Dr. S.K. Saha	IV	EP Thesis	3

Central Pollution Control Board Parivesh Bhawan, Delhi	II	Environmental Monitoring and Assessment (Theory)	3
		Environmental Monitoring and Assessment (Laboratory)	3

**(b) Details of Special Lectures undertaken in the department**

Name	Title
Dr. B. C Sabat, Dept. of Environment, Delhi Govt	Introduction to Cuttack District
Mr. Bhupesh Mahapatra, IDFC, Delhi	Sustainable Development approach to Cuttack District
Ms. Pritha Chatterjee, Journalist, Indian Express, Delhi	Air pollution in Urban Areas
Mr. Devi Pandey, Institute of Law, Delhi	Environmental Data Collection

**8. Department involvement in interdisciplinary programs and names of other departments' involvement**

- First Year Integrated Semester in Master of Planning (Environmental planning, Urban Planning, Regional Planning, Transport Planning and Housing)
- Lecture courses on Ecology and Environment for Post Graduate course in Planning, ITPI, New Delhi

**9. Give 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
Design Studio (IIIrd Semester)	<ul style="list-style-type: none"> <li>• Identify areas suitable for conservation and development</li> <li>• Address livelihood opportunities for poverty alleviation</li> </ul>	<p>The study focused on the Development, Ecological Footprint and Livelihood issues in Cuttack District.</p> <p>It is the oldest District of Odisha covering an area of 3932 sqkm. As per Census 2011 the</p>	Environmental management and Conservation Plan for Cuttack, Odisha, with focus on ecological footprint and livelihood issues

	<ul style="list-style-type: none"> <li>Evaluating sustainability through Ecological Footprint</li> </ul>	population was 26 Lacs(approx).The District forms a part of the Mahanadi Delta.	
Design Studio (IIInd Semester)	<ul style="list-style-type: none"> <li>To study the natural and cultural resources for Ajmer</li> </ul>	Ajmer has been identified as a city to be taken up in the HRIDAY and SMART City missions. Being a major religious destination, and setting on the Aravallis; the city has to address environmental issues related to crowd management, sanitation and protection of natural and cultural heritage	Environmental Improvement Plan for Ajmer,Rajasthan, with focus on sanitation and heritage issues.

#### 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/EP/267	Pallavi c. Nath	Assessing factors that influence walk ability in the Indian context: Delhi
SPA/NS/EP/268	Narinderjit Kaur	Settlement pattern planning as a tool to check environmental degradation: Ludhiana District, Punjab
SPA/NS/EP/269	Munnu Jose	Framing of Eco-city concept for planning the Kottayam- Kumarakom Region.
SPA/NS/EP/270	Jasprit Kaur	Economic valuation of Ecosystem services and its integration with planning: Gurgaon, Hararyana
SPA/NS/EP/271	Syed Tauseef Hussain	Impact assessment of Land-uses on Hindon river, Ghaziabad, Uttar Pradesh
SPA/NS/EP/272	Sudhanshu Shekhar	Disaster vulnerability and spatial planning, Ganjam, Odisha
SPA/NS/EP/273	Aastha Aggarwal	Carrying capacity based Industrial Planning, Greater Noida, Uttar Pradesh
SPA/NS/EP/275	Kaustubh Parihar	Approach towards formulating Green Pilgrimage strategies : Ujjain

SPA/NS/EP/276	Veeramallu Ravi Teja	Strategies for Conservation of Kolleru Bird Sanctuary, Andhra Pradesh
SPA/NS/EP/277	Rupali Rathore	Viability and Livability of Historic core- Walled city Bhopal, Madhya Pradesh
SPA/NS/EP/278	Sawan Kochale	Impact of land use transformation on environmental resources: Bhopal, Madhya Pradesh
SPA/NS/EP/279	Supriya Singh	Assessment of Eco-sensitive zone for Sultanpur National Park, Gurgaon, Harayana
SPA/NS/EP/280	Mezhuvolie Usou	Formulation of Green Neighborhood Rating System in Indian context

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

<b>Year of Enrollment</b>	<b>Name of the Student</b>	<b>Thesis Topic</b>	<b>Name of the Research Supervisor</b>
2008-2009	Ms. Rina Surana	Water Resources and Development of Human Settlements: The case of Udaipur, Rajasthan	Prof. Dr. Meenakshi Dhote Prof. Shovan . K Saha
2008-2009	Ms. Kalpana Kurana	"Environmental Optimization of Urban Green Systems".	Prof. Dr. Meenakshi Dhote Prof. Shovan . K Saha
2013-14	Ms. Mahalaxmi Karnad	Ecological Planning for Urban Stormwater management	Prof. Dr. Meenakshi Dhote Prof. Dr. Mahavir Dr. Vandana Sharma
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. Meenakshi Dhote Prof. Dr. Mahavir Dr. Vandana Sharma

## 12. Research thrust areas of the Department

- Climate Change and Human Settlements, Low Carbon Cities, Renewable Energy and City Planning, Urban Biodiversity, Planning of Eco-Sensitive Zones, Eco-City Development

## 13. Details of consultancy projects undertaken by Department

Name of Faculty	Name of the Project	Funding Agency	Grant Received
Prof. Dr. Meenakshi Dhote	• Zonal MasterPlan for Mount Abu Eco-Sensitive Zone	Town Planning Department, Govt. of Rajasthan	Rs. 35 Lakhs (Ongoing)
	• Strategies for sustainable development of Andaman and Nicobar Islands	Government of Andaman and Nicobar islands	-

## 14. Details of consultancy projects undertaken by Department

Nil

## 15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty

None

## 16. Give details of other publications made by regular faculty of the department of studies

None

## 17. Faculty Serving in (a) National Committee (b) International Committee (c) Editorial Boards (d) Any other (Please specify)

**Prof. Dr. Meenakshi Dhote**

### National Committees

- Member, Sub-Committee on Sustainable Habitat Parameters for Urban Planning under National Mission on Climate Change, TCPO, New Delhi.
- Member, State Environmental Assessment Committee, Govt. of NCT of Delhi
- Member, Study group on Sustainable Development of Andaman & Nicobar Islands
- Member, Working Group II-B of UTTIPEC, DDA, I.P. Estate, New Delhi on retrofitting of existing corridors.
- Member, Selection Committee for faculty positions in Architecture, School of Planning and Architecture Vijayawada.

### Editorial Boards

- Editor, Quarterly Newsletters for Envis Center , ISSN 0974-1135

**Member of Professional Bodies**

- Registered with the Council of Architecture, New Delhi

**Dr. Neha Goel Tripathi****National Committees**

- Member, Working Group committee for Economic Standard of Smart Cities (IITD)
- Member, Integrated Educational Management Committee

**Editorial Boards**

- Member, Editorial Board of SPACE Journal

**Member of Professional body**

- Associate Member, Institute of Town Planners, India,
- Member, Indian Building Council, New Delhi
- Registered with the Council of Architecture, New Delhi

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

Ecological Reconstruction of Slums- A Dialogue at SPA, New Delhi was organised on 14th October, 2014. The event was dialogue, between with eminent speakers and professionals addressing the various issues and planning of slums.



## **19. Seminars or workshops attended by the faculty of the department**

**Prof. Dr. Meenakshi Dhote**

### **International Conference/workshops/seminars**

- 'Environmental Management Issues in Heritage City of Ajmer City, Rajasthan' International Workshop on Smart Cities and Management of Historic Towns in India Organized by the Department of Urban Planning, SPA-D, along with BURO DAP , Ahmadabad, India , New Delhi March 21, 2015 (Jointly with Dr. Neha Tripathi)

### **National Conference/workshops/seminars**

#### **Presentation of Paper**

- Paper presented on "Biodiversity conservation and zoo planning: Way forward in urban areas of India" 69th Annual Conference of World Association of Zoos and Aquariums (WAZA); Delhi, 4th November 2014
- Presented paper on "Enhancement of Urban Biodiversity and Maintenance of Essential Ecosystem Services" Sensitization Programme on Sustainable Urban Habitat, Bhopal (Addressing Green Infrastructure, Green Transport and Green Building) Ecosystem Services;, 10th March 2015. (Jointly with Dr. Neha Tripathi) ,
- 69th Annual Conference of World Association of Zoos and Aquariums (WAZA); Delhi, paper presented on "Biodiversity conservation and zoo planning: Way forward in urban areas of India", 4th November 2014
- Sensitization Programme on Sustainable Urban Habitat, SPA, Bhopal ( Addressing Green Infrastructure, Green Transport and Green Building ) Ecosystem Services; presented paper on "Enhancement of Urban Biodiversity and Maintenance of Essential Ecosystem Services", 10th March 2015.

#### **Chaired/ Member of Panel**

- Seminar on Planning and Development Laws; Court cases, Institutional responses and Implications for Planned Development; HUDCO Chair, SPA, Delhi, 27th September 2014; Chaired Session on Planning Law and Environmental Law

#### **Participation only**

- Conference on "Ganga Manthan" 7th July 2014, Vigyan Bhavan, New Delhi
- Conference on "Building Partnership for Sustainable CSR –Integrating Renewable Energy Interventions", August 07, 2014
- Conference on Climate Change and Risk Assessment, UNDP, Delhi, 17th October 2014
- Evaluation of ENVIS Centers in Delhi 3rd December 2014; presented progress of SPA ENVIS Center
- Regional Evaluation Workshop of ENVIS Centers –North Zone, Dehradun, 12th January 2015;

- Workshop on launch of National Heritage City Development and Augmentation Yojana (HRIDAY), Delhi, 21st January 2015
- Workshop on Climate Change Finance in India Organized by DEA and GIZ 23rd April, 2015
- Smart Cities India 2015 Exhibition & Conference, Pragati Maidan, New Delhi, 20-22 May 2015

## **Dr. Neha Goel Tripathi**

### **National Conference/workshops/seminars**

#### **Paper Presentation**

- 'Integrated Urban Planning for Urban Health and Climate Resilience' Presented at Second National Conference of Urban Health Society of India Jaipur on 4-5th April 2015. (Jointly with Prof. Chetan Vaidya)
- 'Ecological footprint as a determinant for Sustainable Regional Development- Case study Cuttack District' in Emerging Challenges in a Urbanizing India; Governance, security, Climate Change organized jointly by Observer Research Foundation and Peace Research Institute Oslo, New Delhi 18-19 November, 2014 (Jointly with Ms. Jasprit Kaur)
- 'Urban Planning Strategies for controlling Air Pollution in Delhi', in Conclave on Delhi Air Quality, INSA, New Delhi June 20, 2015

#### **Panellist**

- Rapportuering for Panel discussion for Towards a holistic approach to Urban Planning, New Delhi on 8th April 2015,

#### **Participation only**

- Two day workshop on 'National consultation on Partnering for Effective Environmental Governance in India: Roadmap for Environmental Regulatory Authorities in India. 24th-25th, 2014, September, New Delhi
- The Ministry of Environment Forests and Climate Change [MoEF], Government of India and the United Nations Disaster Management Team organized workshops on Climate Change Adaptation [CCA] in India, New Delhi on 17 October 2014
- Anti plagiarism training on 28 October 2014 in CASS, SPA, N Delhi
- Emerging Challenges in a Urbanizing India; Governance, security, Climate Change organized jointly by Observer Research Foundation and Peace Research Institute Oslo. It was a two day event, New Delhi on (18-19 November, 2014)
- Workshop on Gender Responsive Planning - Beginning with the Curriculum on Tuesday, 09 December 2014 at Suite Deck, India Habitat Centre, Lodi Road, New Delhi.
- Stakeholders Consultation on Carbon Neutral Sustainable Educational Campuses at TERI University on 12th December, 2014

- Smart Cities India 2015 Exhibition & Conference, Pragati Maidan, New Delhi, 20-22 May 2015
- Capacity Building and Experience Sharing for Enhancing Sustainability in Urban India' New Delhi June 3, 2015.
- CO2 Sequestration: A Fresh Outlook, organized by The Climate Change Research Institute (CCRI), Delhi on June 5, 2015.
- Women in Architecture Conference 2015, June 6, 2015, IIC, Delhi (Registration Committee)

**20. Courses and training programs of more than one week attended by the faculty of the department**

- Online course by Dr. Neha Goel Tripathi on 'Introduction to Sustainable Development' (8 weeks) organized by Columbia University USA.

**21. Awards or recognitions received at the national and international level by the faculty, and students**

- Ms. Pallavi Nath and Mr. Mezhou, Third semester students were second in a student competition 'The 3D Student Design Challenge' December 2014, organized by Autodesk, New Delhi,
- Ms. Rupali Rathore, Ms. Rachcha Darshana and Mr. Siddhant Sharma, second semester students participated in International Competition 'Public Space - at the core of Urban Renewal' 2015 organised by USF Urbanistes Sans Frontières Paris. Ms Rupali's entry was selected and shortlisted in the 16 entries globally.

**22. Internal and external members of the Board of Studies**

S.No	Name	Designation
<b>Internal Member</b>		
1.	Prof. Dr. Meenakshi Dhote	Professor
2.	Prof. Nalini Thakur	Dean of Studies
3.	Prof. A. K Maitra	Visiting Professor
<b>External Member</b>		
1.	Late Prof. Dr. S. D. Joardar	Professor and Former Head of the Department of Physical Planning, SPA, New Delhi
2.	Dr. S. S. Sundaravel	Associate Professor, Dept of Ecology and Environment Sciences, Pondicherry University, Puducherry
3.	Prof. Dr. Shovan K. Saha	Professor of Planning and Former Director, SPA-Vijayawada
4.	Prof. Dr. R Shankar	Department of Architecture and Planning, IIT Roorkee, Uttarakhand
5.	Ms. Sriparna Sanyal	Principal (Urban) IPE Global, New Delhi

**23. Internal and external members of the Departmental Research Committee**

S.No	Name	Designation
<b>Internal Member</b>		
1.	Prof. Dr. MeenakshiDhote	Professor and Head
2.	Prof. Dr. Mahavir	Professor of Planning
3.	Prof. Dr. P.S.N. Rao	Coordinator , PhD Program
4.	Prof. A. K Maitra	Visiting Professor
5.	Prof. Nalini Thakur	Dean of Studies
<b>External Member</b>		
1.	Prof. Dr. Uttam K. Banerjee	Professor, Department of Architecture and Planning IIT Kharagpur, West Bengal
2.	Prof. Saswat Bandyopadhyay	Professor of Planning CEPT University, Ahemdabad,
3.	Prof. Dr. Shovan K. Saha	Professor of Planning and Former Director ,SPA- Vijayawada
4.	Dr. Vandana Sharma	Deputy Director General and Head, Remote Sensing and GIS Division, National Informatics Centre, New Delhi

**24. Prominent visitors to the Department of studies**

- Shri B. C Sabat, Director, Dept. of Environment, Delhi Govt
- Dr. S P Chakrabarty , Former Member Secretary, CPCB
- Ms. Vandana Agarwal (Economic Advisor ,MOEF)
- Prof. Dr. Gahaur Mehmood, professor, Jamia Millia Islamia
- Mr. Devi Deen Pandey, Institute of Law, New Delhi
- Ms. Pritta Chatterjee, Journalist, Indian Express
- Mr. Bhupesh Mahapatra, IDFC,New Delhi
- Ms. Maggie Carzal, President (USF) Urbanistes Sans Frontieres, Paris
- Dr. Hari Baral, Director of ENVITEC Paris
- Mr. Victor, Urbanistes Sans Frontieres, Paris

**25. Give details of activities under various MOUs during the reporting year**

None

**26. Give details of ‘beyond syllabus scholarly activities’ of the department**

- Dr. Meenakshi Dhote, Coordinator for ENVIS Centre, Thematic Area - Human Settlements
- Dr. Neha Goel Tripathi guided the students for international Student competition, USF International competition, Paris.
- Dr. Neha Goel Tripathi guided the students for international competition design competition by Global Schindler Award for Shenzhen, China

## 27. Any other information

1. Visit to Restored Ecosystems by CMDE, Delhi University : Yamuna Biodiversity Park and Aravalli Biodiversity Park, by students and faculty, 2014
2. Visit to Waste treatment Plant at New Moti Bagh, Central Government Housing.
3. The Department is celebrating 25 years of completion.



Seminar presentation by Fourth Semester for Celebration of 25 Years of Department

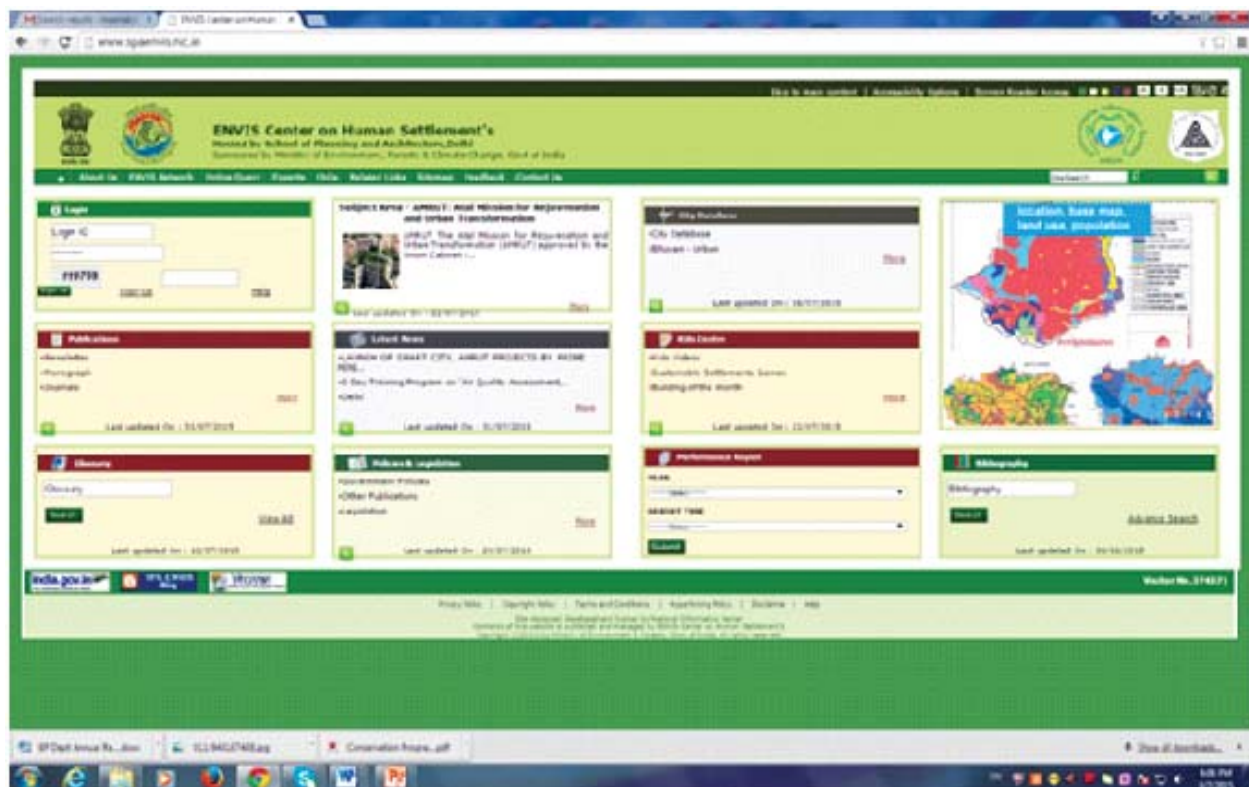
## ENVIS CENTRE

The Centre for Environmental Studies also runs the ENVIS Centre on Human Settlements funded by Ministry of Environment and Forests, Government of India.

Major activities of the ENVIS Centre are:

- Publication of Journals on Human Settlements.
- Update Environmental Information Systems on Human Settlements – Documentation of critical cities, preparation of monographs.
- Query Response Services
- Information and Communication Service the Centre received enhanced grant of Rs. 12 Lakhs for supporting its activities and purchase of hardware.

The Centre maintains a website [www.spaenvis.nic](http://www.spaenvis.nic) and has published Four Newsletters in the current year  
CMS Website: [www.spaenvis.nic.in](http://www.spaenvis.nic.in)



ENVIS publication - News letters

## DEPARTMENT OF HOUSING

**1. Name of the Department**

Department of Housing

**2. Names of academic programs offered by the Department**

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

**3. Year of establishment of the Department**

1958

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Number of Year of Experience	Remarks, if any
Prof. Dr. P.S.N. Rao	Ph.D, M. Planning (Housing), B.E., A.I.I.A, F.I.T.P., F.I.E. , Certificate in Urban Management (Canada), Advanced Certificate in Art App. (NGMA)	Professor, HOD (16th May 2014 onwards )	Town Planning/ Housing	27	
Ruchita Gupta	Ph.D M. Planning (Housing) B. Arch	Assistant Professor	Town Planning/ Housing	15	
Harshita Deo	M. Planning B. Arch	Assistant Professor	Town Planning/ Housing	6	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours/Week
Prof. Dr. P.S.N. Rao	IV	Governance and Management of Housing	2
	III	Real Estate Management and Housing Markets	2
	I	Studio – Planning and Design Studio	3
	III	Housing Studio- Project Formulation and Design	6

	IV	Housing Studio – Thesis	5
Ruchita Gupta	Semester	Subject (Theory and Studios)	Hours per week
	I	Housing & Environmental Planning (Theory)	2
	I	Studio – Planning and Design Studio	8
	III	Housing Studio- Project Formulation and Design	6
	IV	Housing Studio – Thesis	Guided Four students
Harshita Deo	Semester	Subject (Theory and Studios)	Hours per week
	I	Theory – Housing and Environment	1
	I	Studio – Planning and Design Studio	8
	II	Theory – Urban & Rural Housing Policies	2
	II	Studio – Housing Options	6
	III	Housing Studio – Project Formulation and Design	7
	IV	Housing Studio – Thesis	8

**6. 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/Week
Ruchita Gupta	VII(B. Arch)	Guided two Dissertation Students	3

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours/Semester
J.B. Ghildiyal	II	Housing Studio- Survey Techniques & GIS	48
Neelima Risbud	II	Housing Studio- Housing Options & Strategy	96
Chirta S. Jain	II	Housing Studio- Housing Options & Strategy	96
Shiv Prasad Singh	II	Housing Studio- Housing Options & Strategy	74
Jyoti Dash	II	Housing Studio- Housing Options & Strategy	93
Rupali Sandhu	II	Housing Studio - Housing Options & Strategy	96
Kankan Kataria	II	Housing Studio- Housing Options & Strategy	48
Rita Bhattacharya	II	Urban & Rural Housing Policy and Programmes	6

Mona Anand Chhabra	II	Urban & Rural Housing Policy and Programmes	6
Banashree Banerjee	II	Urban & Rural Housing Policy and Programmes	6
Chitra Jain	II	Housing Standard, Design and Projects	20
Rashi Gupta	II	Housing Standard, Design and Projects	12
P.V. Mahashabdey	II	Housing Standard, Design and Projects	8
Akshay Kumara Sen	II	Housing Finance and Project Formulation	24
Shiv Prasad Singh	II	Housing Finance and Project Formulation	8
Rita Bhattacharaya	II	Housing Finance and Project Formulation	4
Neelima Risbud	II	Urbanization and Land Management	32
Vijay D. Risbud	II	Urbanization and Land Management	4
Kiran Wadhwa	II	Urbanization and Land Management	4
Mona Anand Chhabra	II	Materials, Technology and Infrastructure	16
Rajiv Sharma	II	Material, Technology & Infrastructure	2
Sanjib Sarma	II	Material, Technology & Infrastructure	2
Neelima Risbud	IV	Housing Studio- Thesis	64
Chitra S. Jain	IV	Housing Studio -Thesis	48
Surbhi Mehrotra	IV	Housing for Special Areas and Groups	4
Shikha Jain	IV	Housing for Special Areas and Groups	4
Anjalee Agarwal	IV	Housing for Special Areas and Groups	4
Roma Bhagat	IV	Housing for Special Areas and Groups	2
Sudeshna Chatterjee	IV	Housing for Special Areas and Groups	4
Pramod Kumar	IV	Governance and Management for Housing	4
J.B. Ghildiyal	III	Housing Studio- Survey Techniques &GIS	48
Chirta S. Jain	III	Housing Studio- Project Formulation and Design	80
Shiv Prasad Singh	III	Housing Studio- Project Formulation and Design	96
Subir Paul	III	Housing Studio- Project Formulation and Design	96
Sanjeev Saxena	III	Legislation & Professional Practice	48

Vinay Sharma	III	Inclusion, Community Participation and Communication	16
Neera Agnimitra	III	Inclusion, Community Participation and Communication	32
Chandrani Neogi	III	Disaster and Settlements	32
Mona Anand Chhabra	III	Disaster and Settlements	16
S.K. Mahajan	III	Informal Housing, Slum and Poverty	4

**(b) Details of Special Lectures undertaken in the department**

Nil

**8. Department involvement in inter disciplinary programs and names of other departments involvement**

- First semester Integrated Programme with Urban Planning, Environmental Planning, Regional Planning and Transport Planning Departments.

**9. Give 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
3rd Semester: Housing Project Formulation: Kochi	<ul style="list-style-type: none"> <li>• Studying the city under various aspects of city profile, housing subsystems, real estate development, development controls applicable, various approvals involved and financial aspects etc.</li> <li>• Evaluating various existing group housing projects in Cochin for best practices and design flaws.</li> <li>• Understanding the issues and process involved in bringing up a group housing project from the developer's point of view.</li> <li>• Design a group housing project very close to reality</li> </ul>	<p>The following case studies were studied in detail (including developers/ architect's and consumers point of view) so as to be close to real situation existing in Kochi:-</p> <ul style="list-style-type: none"> <li>• Prestige neptune courtyard, marine drive</li> <li>• Green metropoli, kakkanad</li> <li>• Skyline imperial garden, kaloor,</li> <li>• Riveira, thevara</li> <li>• Ivy league, edachira</li> </ul>	<p>Majorly, NRI investment driven scenario in group housing</p> <p>Demand for luxurious housing</p> <p>Hence, the group housing was designed in 4 locations of Kochi with all plans and were incorporated with green features and evaluated for profit and loss.</p>

	(taking all aspects existing in reality) and incorporating green features.		
2nd Semester: Housing Options & Strategies: Guwahati	<ul style="list-style-type: none"> <li>To understand the various housing options in the city in terms of their evolution, transformation and present status.</li> <li>To identify various emerging issues In the housing sector.</li> <li>To project the future scenario of housing demand.</li> <li>To outline a strategy and recommendations to address the issues.</li> </ul>	<p>Case studies of various subsystems were undertaken to understand individual issues and requirements and suggest strategies for each separately.</p> <ul style="list-style-type: none"> <li>Old City</li> <li>Urban Village</li> <li>Public Housing</li> <li>Private/ Real Estate Housing</li> <li>Co-operative Housing</li> <li>Employer Housing</li> <li>Slums</li> <li>Unauthorized Colonies</li> </ul>	<p>The growth of slums and unauthorized was rapid and no housing supply by public and co-operative housing.</p> <p>Major new housing supply by private developers.</p>

**10. Provide details of the thesis topics researched by the students of the final year class**

Roll No.	Name of the Student	Thesis Topic
SPA/NS/H/493	Christopher Paul	Real Estate investment trends in Unauthorized colonies of Delhi.
SPA/NS/H/494	Shashank Garg	Home based industry in slums of Agra.
SPA/NS/H/495	Pankaj Verma	Evaluation Growth and Development of Khora Colony – Largest unauthorised Colony in Delhi.
SPA/NS/H/496	Akhil Gupta	Role of Real Estate agents in Gurgaon
SPA/NS/H/497	Ridhima Sehgal	Housing for IT/ITES Workers in Gurgaon
SPA/NS/H/498	Kushal Kumar Dubey	Apartment Building Practices in Lucknow
SPA/NS/H/499	Anisha Chakrabarty	Housing Transformation in the Old City in Amritsar
SPA/NS/H/500	Gaurav Gupta	Redevelopment if Industrial lands in Kanpur
SPA/NS/H/501	Priyami Maheshwari	Housing Redevelopment in Bhopal
SPA/NS/H/502	Sabyasachi Mukherjee	Housing for Refugees in Kolkata – Evolution, status and trends.

SPA/NS/H/503	Nupur	Housing for handicraft Workers in Varanasi
SPA/NS/H/504	Mohd. Fahad Shahab	Evolution and emerging trends in Housing in Allahabad.
SPA/NS/H/505	Arundhatee Mishra	Women Related Issues in Squatter Settlements of Delhi
SPA/NS/H/506	Amit Verma	Evaluation of Township Development in Lucknow
SPA/NS/H/507	Yellapu S. Nagaramu	Land Pooling in Visakhapatnam
SPA/NS/H/508	Ekta	Housing Options for Cycle Rickshaw Pullers - Delhi
SPA/NS/H/509	Manisha	Housing for Industrial Workers in Noida
SPA/NS/H/510	SarikaGautam	Rental Housing Options for Low Income Group in West Delhi
SPA/NS/H/511	Rahul Ranjan	Housing for Low Income in Patna
SPA/NS/H/512	Ruchi Prasad	Residential solid waste management in Agra
SPA/NS/H/513	Priyanka Sagar	Housing options for street vendors in NOIDA
SPA/NS/H/514	Ankit Kumar	Evaluation of Residential Infrastructure in Varanasi.

**11. Provide details of the thesis topics being researched by the doctoral students in the Department**

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
-	Nil	-	-	-

**12. Research thrust areas of the Department**

- Affordable Housing and Climate Change
- Real Estate Development
- Informal Housing, Slums

**13. Completed/Ongoing research projects in Department**

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

- Affordable Housing and Climate Change, a research project sponsored by the GIZ of the Government of Germany.

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

Nil

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

Nil

**16. Give details of other publications made by regular faculty of the department of studies**

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

- Housing for All: How do we do it? The Indian Express, March 21, 2014
- Smart Cities Need to be Safe Too, The Indian Express, June, 13, 2014

**17. Faculty serving in (a) National Committees (b) International Committees(c) Editorial Boards (d) Any other (please specify)**

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

**National Committee**

- Member, Housing and Real Estate Committee PHD Chamber of Commerce, New Delhi
- Member, Task Force on Rental Housing, MoHUPA, Government of India.
- Member, School Education Committee, IGNOU, Government of India.
- Member, Global alliances Committee, NAR, USA for the year 2014-15.
- Chairman, Delhi Urban Art Commission (DUAC) a statutory body under Act of Parliament.
- Chairman, Committee on Modernisation of RashtrapatiBhawan, Office of the President of India
- Director, Board of Directors, National Association of Realtors, USA (an honorary position) for the year 2014-15.

**Member of Professional Body**

- Fellow, Institute of Town Planners-India
- Fellow, Institute of Engineers
- Associate, India Institute of Architecture
- Registered, Council of Architecture

**Ruchita Gupta**

**Member of Professional Bodies**

- Associate Member, Institute of Town Planners-India
- Registered, Council of Architecture

**Harshita Deo**

**Member of Professional Body**

- Associate Member, Institute of Town Planners-India
- Registered, Council of Architecture

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

- Conducted a Seminar on Role of Real Estate Developers in Provision of Affordable Housing, supported by GIZ, 21st November, 2014, New Delhi.
- Conducted a Workshop on Gender Sensitization in Planning Course Curriculum with support from GIZ, 9th December, 2014, New Delhi.
- Conducted a Design Ideas Poster Competition on a) Affordable Housing and b) Gender Sensitization as part of GIZ sponsored Research Project.

**19. Seminars or workshops attended by the faculty of the department**

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

**International Conferences/Seminar/workshops**

- Visited Washington DC, USA to participated in the Board of Directors Meeting, Global Alliances Committee Meeting and Annual Convention of the National Association of Realtors, USA, 12-17 May, 2014.
- Visited New Orleans, USA to participate in the Board of Directors Meeting, Global alliances Committee Meeting and Annual Convention of the National Association of Realtors, USA, 3-7 Feb, 2015.

**Chairperson/ Member of Panel**

- Chaired a Session on Smart Cities at the Seminar on Role of IT in Smart Cities conducted by the IIPA at New Delhi, 27th January, 2015.
- Panelist at the Seminar on Smart Cities conducted by the PHD Chamber of Commerce, 22nd January, 2015, New Delhi.
- Participated in a Panel Discussion on NDTV on the topic of Delhi Building Byelaws, 23rd Dec, 2014, New Delhi.
- Participated in Selection Committee Meeting for Town Planners at Himachal Pradesh State Service Commission, Shimla, 28-29, November, 2014.

**Lecture Talks**

- Delivered a series of lectures on Housing at ITPI, New Delhi.
- Delivered a series of lectures on Real Estate Management at TERI University, New Delhi on the subject: Real Estate Development.

**Participated Only**

- Participated in a Seminar on Swedish Architecture at the Swedish Embassy, New Delhi on 18th November, 2014.
- Participated in a half day Seminar on Municipal Governance at Observer Research Foundation, supported by GIZ on 25th November, 2014.

- Participated in the NAREDCO Conference on Real Estate on 12th September, 2014 at Hotel Ashok, New Delhi

### **Harshita Deo**

#### **Participated Only**

- Seminar on Planning and “Development Laws – Court Cases, Institutional Responses and Implications for Planned Development”, 25-27 September, 2014, New Delhi.
- Seminar on “Role of Real Estate Developers in Affordable Housing and Climate Change” on 21st November, 2014 at New Delhi.
- Seminar on “Gender Responsive Planning: Beginning with the Curriculum” on 9th December, 2014 at New Delhi.
- Conference on “Affordable Housing – Needs and Requirements: Strategies and Solutions” on 10 & 11th December, 2014 at New Delhi.
- Workshop on “Towards a Holistic Approach to City Planning” on 8th April, 2015 at New Delhi.
- Workshop on “Smart Urban and Regional Planning” on 21st May, 2015 at “Smart Cities India 2015 Expo” in New Delhi.
- Conference on “Women in Architecture in India: Challenges in the 21st Century” on 6th June, 2015 at New Delhi.

#### **20. Courses and training programs of more than one week attended by the faculty of the department**

Nil

#### **21. Awards or recognitions received at the national and international level by the faculty, and students.**

Nil

#### **22. Internal and external members of the Board of Studies (BOS)**

##### **Internal Members:**

1. Prof. Dr. P. S. N. Rao

##### **External Members:**

- |                               |                            |
|-------------------------------|----------------------------|
| 1. Dr. Kiran Wadhwa           | 4. Smt. Banashree Banerjee |
| 2. Dr. S. P. Bansal           | 5. Shri. Sunil Bery        |
| 3. Prof. Dr. Rama Subramanian |                            |

#### **23. Internal and external members of the Departmental Research Committee ( DRC )**

**Internal Members:**

1. Prof. Dr. P. S. N. Rao

**External Members:**

1. Dr. Kiran Wadhwa
2. Dr. Darshini Mahadevia

**24. Prominent visitors to the department of studies**

Nil

**25. Give details of activities under various MOUs during the reporting year**

Nil

**26. Give details of 'beyond syllabus scholarly activities' of the department**

- Site visit to Jindal Realty (P) Ltd, Sonapat where the use of pre cast technology was studied. At the Jindal Global City, Sonapat , the production of building components like columns, walls, beams and staircases is carried out through their own pre cast plant built on an area of 7000 sqm. The plant produces around 350 sqm of wall and 280 sqm of slab per day. The pre cast plant helps in faster production of building components like slab, columns, and staircases, walls which are manufactured at the plant and taken to the site for installation. It is also is a faster method to do a project. Students and Faculty received a good exposure to the technologies.

**27. Any other information**

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

- Participated in Meeting with His Excellency Barrack Obama, President of the USA at the Rashtrapati Bhawan, 25th January, 2015, New Delhi.



## DEPARTMENT OF INDUSTRIAL DESIGN

**1. Name of the Department**

Department of Industrial Design

**2. Names of academic programs offered by the Department**

- Masters of Design (Industrial Design) : M.DES (ID)
- Ph.D.

**3. Year of establishment of the Department**

1992

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. Neerja Tiku	B.Arch PG Diploma in Urban and Regional Planning	Head of Department	<ul style="list-style-type: none"> <li>• Architecture</li> <li>• Urban Planning</li> <li>• Interior Design</li> <li>• Settlements Studies</li> <li>• Sustainable Design</li> <li>• Social Innovation</li> </ul>	35 Yrs	
Parag Anand Meshram	B.E. (Electronics), Master of Design (Industrial Design)	Associate Professor	<ul style="list-style-type: none"> <li>• Product Design</li> <li>• System Design</li> <li>• Social Design</li> </ul>	18 yrs	Honorary Hostel Warden Since 2010
Krity Gera	B.Arch., M.Arch (Industrial Design) B.Arch.,	Assistant Professor	<ul style="list-style-type: none"> <li>• Design for Sustainability</li> <li>• Design Innovation</li> <li>• Design And Craft</li> </ul>	9 Yrs	
Aditi Singh	M.Arch (Industrial Design)	Assistant Professor	<ul style="list-style-type: none"> <li>• Experience Design</li> <li>• Communication Design</li> </ul>	11 yrs	

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

<b>Name of the Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Hours per Week</b>
Prof Neerja Tiku	I	Design Project 1	12
	II	Design Project 2, Design Research	14
	III	Design Project 3	13
	IV	Final Project	15
Parag Anand Meshram	I	Design Project 1	12
	II	Elective	3
	III	Elective	3
	IV	Final Project	15
Krity Gera	I	History & culture of Design, Product studies Aesthetics & Form	5
	II	Design Project 2, Advanced Form Studies	15
	III	Design Project 3	13
	IV	FP/IPR	3
Aditi Singh	I	Design Project 1	12
	II	Elective	3
	III	Design Management , Elective	5
	IV	Final Project	15

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

Nil

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

<b>Name of the Visiting Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Hours per Week</b>
Prof. (Dr.) Vinod Gupta	II	Design Project 2	12
	III	Design Project 3	13
Mr. Amit Dongre	II	Computer Aided Product Design	2

	III	Product Detailing, Computer Aided Industrial Design	4
Ms. Ratna Chatterjee	II	Industrial Design Theory	2
	III	Design Management	2
	IV	IPR	3
Ms. Anisha Shekhar Mukherji	I	Technical Writing,	2
	II	Design Research	2
	III	Design Criticism	2
Mr. Amit Gulati	III	Marketing & Innovations	2
Mr. Naveen Rampal	II	Design Project 2	12
	III	Design Project 3	13
Mr. Rahul Tyagi	II	Human Factors in Design	2
	III	Contemporary Tech. & Innovations	2
Mr. Sugandh Malhotra	I	Elective – Human Experience in Design & CPT – Free Hand Drawing & Rendering & Manufacturing Process & Techniques	5
	II	Computer Aided Product Design & Adv. Manufacturing Tech.	5
	III	Computer Aided Industrial Design,	2
Prof. Jatin Bhatt	III	Concept of Quality	2
Mr. Amit Sharma	I	Product Aesthetics & Form Studies	3
	II	Advanced Form Studies	3
Mr. Ruchin Chaudhary	I	Design Project 1	12
	IV	Final Project	15
Mr. Siddharth	I	Model Making & Technical Drawing Manufacturing Process & Techniques	5
	II	Adv. Manufacturing Tech.	3
Ms. Somya Hastekar	I	History & Culture of Design Product Aesthetics & Form Studies	5
	II	Human Factors in Design	2
	II	Advanced Form Studies	3

**(b) Details of Special Lectures undertaken in the Department**

<b>Name of the Expert</b>	<b>Topic</b>	<b>Date</b>
Geeta Mehta Adjunct Professor of Architecture, Planning and Preservation	Design Thinking	28th July,2014
Mr. Abhimanyu Kulkarni Creative Director/Location Manager Philips Design India	Lighting Design	3rd September,2014
Vasudev Das USA	Sympathetic Design for Sustainable Future	24th September,2014
Viren Brahmbhatt Adjunct Associate Professor Graduate School of Architecture, Planning and Preservation Columbia University, New York	Design Thought	10th January, 2015
Prof. Richard Plunz Architecture, Planning, and Preservation Director, Urban Design Lab, The Earth Institute Columbia University, New York	Design Future	10th January, 2015
Sanandan Sudhir Founder and Director, Design and Development - INVENTINDIA Innovations Pvt. Ltd.	Designing for the User	28th January, 2015

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

- Design Studio conducted by Aditi Singh and Parag Anand at Industrial Design Department, RMIT University, Melbourne, Australia
- Mehrauli Archeological Park Project: The inter-disciplinary studio project was conducted in collaboration with Department of Urban Design, Department of Architectural Conservation and Department of Landscape Architecture and, focused on using Industrial Design with its various values of product, graphic and system to better the interpretation and human experience of visiting the Park.
- Presentation Thesis Projects and felicitation at Kohler India Head Office streamed live at all Kohler offices in India by Students along with faculty Ms. Aditi singh and Mr. Parag Anand Meshram.

- Third Semester Students along with Assistant Professor Kirty Gera and Visiting Faculty Rahul Tyagi had a one day interactive session in IDC IIT, Powai, Mumbai November, 2014.

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

### Semester I: First Year Industrial Design

Name of the Studio	Project Title/ Topic	Case Study Description & Major Outcomes and Conclusion
<p>Name of The Studio</p> <p>P1 (A)</p> <p>Taali Ek Haat se nahibajtee (one Hand Operation)</p>	<p>Rethinking the obviousness in the existence of the object. Redesign of the object for it to be used with a single hand.</p>	<p>Anil Kumar Bhaskar: Paper Cutter</p> <p>Kallol Deb: Mosquito repellent</p> <p>Aniruddha Gogoi: Skipping rope</p> <p>Samriddhi Jain: Flute</p> <p>Souvik Nandy: Domino Zipper</p> <p>Shruti Kshirsagar: Belt</p> <p>Nitin Nandi: Peel (Peeler)</p> <p>Zera T. K.: Hollo-W (Watch)</p> <p>BhanuChander: Nail Cutter</p> <p>Soham Sinha: Handkey</p> <p>Chinmay Prabhakar Lokhande: Shake and Draw on the go</p> <p>Ankan Srivastava: Laser shaver</p> <p>Yamini Bhargava: Bottle</p> <p>Abhijit Pandit: Safety Pin</p> <p>Jettin Tom Augustine: Stichpen</p> <p>Isha Gulati: Bottle Opener</p> <p>Rubash: Safety Matches</p> <p>Sridip Das: Wallet</p> <p>Samrat Chatterjee : Measuring Bomb</p>
<p>DP1 (B)</p> <p>Mehrauli Archeological Park</p>	<p>This inter-disciplinary studio project focused on using Industrial Design with the various values of product, graphic and system design to better the interpretation and</p>	<p>Anil Kumar Bhaskar: Public Toilet</p> <p>Kallol Deb: Personal Mobility Vehicle</p> <p>AniruddhaGogoi: Mairanger (Maintenance Vehicle)</p> <p>Samriddhi Jain: Preview (Pre-experience Mehrauli)</p> <p>Souvik Nandy: Three Layered Information Board</p> <p>Shruti Kshirsagar: Souvenir Pod</p>

	human experience of visiting an “Archaeological Park”	<p>Nitin Nandi: Quench</p> <p>Zera T. K.: Dwarpal (Crowd Management system)</p> <p>Bhanu Chander: Noise Reduction Compound Wall</p> <p>Soham Sinha: Vantrail</p> <p>Chinmay Prabhakar Lokhande: Life Cycle</p> <p>Ankan Srivastava: Aashray (Shelter)</p> <p>Yamini Bhargava: Lighting For Park</p> <p>Abhijit Pandit: Yoga Zone</p> <p>Jettin Tom Augustine: Navigation Band</p> <p>Isha Gulati: Route Finder</p> <p>Rubash: Meh Veh ( Mobility Design)</p> <p>Sridip Das: Riddle From The Past</p> <p>Samrat Chatterjee : Time Lapse</p>
DP1 (C)	Tracing the historic relevance of the product and looking at possibilities of re-inventing the object in the modern cultural milieu.	<p>Anil Kumar Bhaskar: Yoga Matt</p> <p>Kallol Deb: Modern Surma Dani</p> <p>Aniruddha Gogoi: Incense Box Burner</p> <p>Samriddhi Jain: Chinese Cup</p> <p>Souvik Nandy: Stand For Ring Gong</p> <p>Shruti Kshirsagar: Traditional Water Heater</p> <p>Nitin Nandi: Boti Design</p> <p>Zera T. K.: Kulfi Ka Farma</p> <p>Bhanu Chander: Stand For bamboo chicken</p> <p>Soham Sinha: Ring Gong</p> <p>Chinmay Prabhakar Lokhande: Aasu - The Fishing Net</p> <p>Ankan Srivastava: PahadiChulha</p> <p>Yamini Bhargava: Chopsticks</p> <p>Abhijit Pandit: Grass Shoes</p> <p>Jettin Tom Augustine: / Metro Card</p> <p>Isha Gulati: / Spoon</p> <p>Rubash: Bamboo Hand Fan</p> <p>Sridip Das: / kulutopi</p> <p>Samrat Chatterjee: Betel Nut Cutter</p>

### Semester III: Final Year Industrial Design

Name of The Studio	Precise Objective of The Studio	Case Study Description & Major Outcomes and Conclusion
DP3(A) Theme Lighting	<p>The students of Third semester were given 'Lighting' as a common theme for their Design Project.</p> <p>After initial research the students were supposed to finalize their respective area.</p> <p>The students are required to understand their area thoroughly by doing an in depth research which is then followed by ideation, ergonomic studies, block modeling, technical analysis, generating 3D Models and finally producing a working prototype.</p>	<p>The students designed various products including office lighting system, commercial showroom lighting solutions, lighting systems for residential spaces, solar lamps for rural areas, lighting solution for BPO centers that depict the concept of 'light and time' etc.</p>
DP3 (B) Theme – Furniture	<p>TAKE FURNITURE TO THE NEXT LEVEL</p> <p>The students were required to think outside the box and create a future-oriented, innovative and unique furniture solution for kitchen, office, living room or bedroom (furniture, cabinet, furnishing, system).</p> <p>With its design as well as its technical intelligence, the design should ease the future conflict of living and working spaces.</p>	<p>Students designed various furniture solutions for offices, residences of the future that included a pod for power nap, flexible furniture for living room, foldable chair, baby basket, centre table, space saving modular partition system, designer's workstation, T.V chair etc.</p>

### Semester II: First Year Industrial Design

Name of The Studio	Precise Objective of the Studio	Case Study Description & Major Outcomes and Conclusion
DP2 (A) Mobility	<p>The project started with an initial research on different types of mobility, mobile solutions, and products etc. that are already available. One of the objectives of this project was to find</p>	<p>The students projects included mobile library, construction material lift, tourist vehicle, portable toilet, shoulder bag, porter trolley, luggage trolley for railway stations, solo fire</p>

	<p>objects and situations where the expression of technology was inadequate and then respond with necessary design interventions.</p> <p>Areas of intervention were - Public services, Social innovation, Design for safety, Experience design.</p>	<p>fighting vehicle, kids walker, walker for cerebral palsy children, goods carrier for e-commerce industry, walker for paraplegic patients etc.</p>
DP2 (B) Device for home use	<p>This was a short duration project where each student was required to identify a need/problem within a house. The project aimed at addressing certain unexplored areas in a residential scenario. Areas of intervention were: cooking, cleaning, air delivery system, design for personal experience and food processing</p>	<p>Students designed products that included kitchen dustbin, cooling system for house lawns, coconut fibre extractor, 360 degree mirror, a product for enhancing bucket shower experience, kitchen fan, shopping lift in existing apartment buildings, auto cooker for Indian cooking, clothes dryer etc.</p>
DP2 (C) Bodhgaya	<p>The intent of the project was to understand the heritage town of Bodhgaya and propose appropriate design interventions that would enhance the pilgrims experience and provide a designed environment for the tourists that visit the World Heritage Property.</p> <p>The broad areas of intervention that were identified were:</p> <p>Way finding, signage, lighting, waste management, tourist amenities, mobility, meditation facilities, etc. The idea was to enhance the pilgrims experience and maintain the temples serenity, peace and meditative ambiance.</p> <p>The main aim of the project was to look at the problem from a larger perspective; the students were expected to have a system level thinking. The project focused on sustainable design solutions and use of locally available resources (as far as possible</p>	<p>Outcome of the student projects were: personal sun shading device, pop-up map for heritage site, crowd management system, speakers for group chanting, souvenir design, toilet complex for Kalchakra period, food kiosks, meditation platform, Identity design, street lighting, street furniture, drinking water facility etc.</p>

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

Sl.	Year of No.	Name of the Enrolment	Thesis Topic Student	Name of the Research Supervisor
1.	ID/223	Vishal Singh Sengar	Neonatal Incubator	Self-sponsored
2.	ID/224	Sidharth Khatri	Toilet for Girls Child (for schools)	Eram Scientific
3.	ID/226	Garima Rajput	Wash Station for Indian scenario	Kohler
4.	ID/227	Devesheesh Singh	Subtractive Products	Space Matters
5.	ID/228	Aseem Rajendra Arya	Two Wheeled Ambulance	Self-sponsored
6.	ID/230	Pavitra Ponnusamy	Glint Locator	Lastec, DRDO
7.	ID/231	Srutee Bhut	Device 3 To encourage Physical activity among children	Desmania
8.	ID/232	Nithika Sailesh	Home composter bin	Excel Industries
9.	ID/233	Tophani Das Mohapatra	Community level Water Purification	Self-sponsored
10.	ID/234	Reina Rose	Anxiety Management tool (Maternal)	Self-sponsored
11.	ID/235	Karthikeyan S	Shower experience	Kohler
12.	ID/236	Sajana	Coconut processing unit	Self-sponsored
13.	ID/238	Pushpendra Kumar	Panchang Clock	Self-sponsored
14.	ID/240	Manish Mukul Loius Tigga	Helmet Design	Self-sponsored

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

Nil

**12. Research thrust areas of the Department**

Thrust areas of research are

- Socially relevant innovation
- Sustainable design
- System thinking
- Sanitation and health in urban rural sensors

- Design intervention in heritage zones,
- Disaster mitigation and disaster management.

**13. Completed/ongoing research projects in the Department**

Nil

**14. Details of consultancy projects undertaken by Department**

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/ Fee (Rs. In Lakhs)
Design of Integrated Community Toilet Complex for Unilever India Ltd.	Aditi Singh, Parag Anand	Designing of integrated community toilet complex for Mumbai slums in Vadala comprising of bathing facilities, toilets, urinals and washing stations.	10.25 lakhs (in progress) 1.16 lakhs
Design of thematic wall for Ministry of Human Resources and Development	Aditi Singh, Parag Anand	Design and development of thematic wall for the minister's foyer.	

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

None

**16. Details of other publications made by regular faculty of the Department**

**Prof. Neeraj Tikku**

- Delhi a city of contrasts
- Essay in Publication Reimagining "Lutyen Delhi" – Colombia University, New York.

**Kirity Gera**

- Review on "India Art Fair 2015" published in Pool Magazine
- "Exploring Cities" –published in Pool Magazine

**Aditi Singh**

- "Porous Frontiers The Deer Park Project "in collaboration with RMIT University, Melbourne – Parag Anand Meshram and Aditi Singh.

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Prof. Neerja Tiku**

**National Committees**

- Member of the Selection Committee for design competition of BIS Standard Marks, for the Bureau of Indian standards (BIS). Involved in short listing and selection of winners. Through various meetings and interaction Sessions.
- Member of Tender Evaluation Committee for India Brand Equity Foundation (Ministry of Commerce Govt. of India),
- Member of Board of Studies, Dept of Architecture, Mizoram University (2013-2016)

**Prof. Parag Anand Meshram**

**a) Other Committee**

- Member of Jury for 'IIA Awards 2014 – "Design Excellence" 22nd November.2014
- Member of Core Group, Shilpsagar, Asian Heritage Foundation, held various brain storming sessions "Design Podagogy" May – June, 2015.
- Mentor and Member of Senior Panel for "TALERANG" a "Work Readiness Initiative" for young graduates and professionals, based on "A Harvard Project"
- Coordinator of the Design Innovation Centre (DIC), Spoke at School of Planning and Architecture, NewDelhi.
- Jury Member- Member of External Jury, Final Year Thesis Projects at Department of Architecture, Jamia Milia Islamia, New Delhi, (May, 2015).
- Member Global Roundtable on Inclusive Innovations, National Innovation Foundation
- Member, General Council, SPA.

**Krity Gera**

**a) Other Committee**

- Member, Anti Ragging Committee SPA

**Aditi Singh**

**a) Other Committee**

- Member, Anti Ragging Committee, SPA

**18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

**Exhibitions**

- Design Degree Show 2015

#### **Seminars/Workshops**

- Clay Workshop at “Learn Something Different”, New Delhi- October, 2015.

### **19. Seminars or workshops attended by the faculty of the Department**

#### **Prof. Neerja Tiku**

##### **Chairperson / Member of Panels**

- Member of Panel: - Debating Delhi – A Conversation held at Steel Case Work Life center. DLF Cyber City Tower Gurgaon, 9th Jan, 2015.

##### **Participation Only**

- Conference on Women in Architecture WIA, 2015 held in New Delhi and Moderated the Session – III of the WIA 2015 Conference
- Participated in conference on “Architecture Education” held at IHC 20th December, 2014 organized by IIA Northern chapter.
- “Urban Age” Conference held in New Delhi on 14th November 2014 organized by London School of Economics.
- IIID – Conference on Lighting Delhi (Sep 2014)

#### **Parag Anand Meshram**

##### **National Conference/workshop/seminar:**

- Presentation at Global Roundtable on Inclusive Innovations, organized by National Innovation Foundation at Rashtrapati Bhavan, New Delhi
- Presentation on “Future Trends in Packaging Design” in the conference Packaging Design and Current Trends at Indian Institute of Packaging, Delhi, 2014
- Presentation at the conference “Understanding Wash Systems and Options for Urban Poor Settlements” organised by FORCE, at the Vishwa Yuvak Kendra, New Delhi, 2014
- Presentation on “People Centric Design for Toilets” in India Wash Summit 2015 organised by Water Aid and Ministry of Drinking Water and Sanitation and Urban Development, IIC Delhi, 2015
- Presentation: “Soochalaya - The Thinking Toilet Project” Reinvent the Toilet Challenge 2014, Taj Hotel, Delhi organised by Bill and Melinda Gates Foundation, USA
- Paper Presentation: Third International Conference on Creativity and Innovations at Grassroots (ICCIG3) at IIM Ahmedabad organised by National Innovation Foundation and Honey Bee Network, 2015

##### **Lecture Talks**

- Public Lecture on “Design in India” Public Lecture at RMIT University, Melbourne, Australia

##### **Participation Only**

- Urban Age conference on Governing Urban Futures, New Delhi organized by London School of Economics.

- 3d printing workshop by Fab - lab at Powerhouse Museum, Sydney, Australia
- Conference on “Quality by Design” organised by Pearl Academy, Noida
- 8th National Grassroots Conference and Festival at Rashtrapati Bhavan, New Delhi organised by National Innovation Foundation.
- BMGF WSH India Grantee & Partner Convening organised by Water, Sanitation, & Hygiene Team, Bill & Melinda Gates Foundation, USA in New Delhi, India.
- Talk by Rajeev Sethi organised by Indian Institute of Interior Designers, New Delhi
- Design Studio at RMIT Industrial Design Department, RMIT University Melbourne, Australia

### **Krity Gera**

#### **International Conference/workshop/seminar:**

- Review of Nordes 2015- Workshop submission on – “Ways of Talking with (and about) Materials”
- Review of Nordes 2015 – Exhibition Submission on – “From Critical Design” to Political Agency.

#### **National Conference/workshop/seminar:**

- Presentation on Re-thinking Basic Design Pedagogy – NID Ahmedabad (March, 2011)
- Presentation on “The flavors of Banaras” - International Workshop on Smart Cities Planning and Management for Heritage Cities in India (March, 2015) – SPA, New Delhi

#### **Participation Only:**

- IIID – Conference on Lighting Delhi (Sep 2014)
- Black Design Conference – Agra (Nov. 2014)
- Unbox Design Festival – Delhi (Dec. 2014)
- Attended Design X Design expose (May, 2015)

### **Aditi Singh**

#### **International Conference/workshop/seminar:**

- Intensive Design Studio: The Deer Park Project , Industrial Design Department, RMIT University Melbourne, Australia
- Participated in 3d printing workshop by Fab lab at Powerhouse Museum, Sydney, Australia
- Paper Presentation: “Third International Conference on Creativity and Innovations at Grassroots” (ICCI3) at IIM Ahmedabad organised by National Innovation Foundation and Honey Bee Network, 2015

#### **National Conference/workshop/seminar**

- Presentation on “People Centric Design for Toilets” in India Wash Summit 2015 organised by Water Aid and Ministry of Drinking Water and Sanitation and Urban Development, Delhi, 2015

- Presentation: on “Soochalaya - The Thinking Toilet Project” Reinvent the Toilet Challenge 2014, organised by Bill and Melinda Gates Foundation, USA
- Presentation on “Innovation in Packaging Design” in the conference Packaging Design and Current Trends at Indian Institute of Packaging, Delhi, 2014
- Presentation: on “Innovative Designs for Toilets in slums” at the conference “Understanding Wash Systems and Options for Urban Poor Settlements” organised by FORCE, New Delhi, 2014

#### **Lecture Talks**

- Public Lecture on “ID@SPA” at RMIT University, Melbourne, Australia

#### **Participation Only**

- Attended 8th National Grassroots Conference and Festival at Rashtrapati Bhavan, New Delhi organised by National Innovation Foundation.
- Attended a BMGF WSH India Grantee & Partner Convening organised by Water, Sanitation, & Hygiene Team, Bill & Melinda Gates Foundation, USA in New Delhi, India.
- Attended Urban Age conference on Governing Urban Futures in , New Delhi organized by London School of Economics.
- Attended conference on “Quality by Design” organised by NOIDA
- Attended talk by Rajeev Sethi organised by Indian Institute of Interior Designers, New Delhi

### **20. Courses and training programs of attended by the faculty of the Department**

Nil

### **21. Awards or recognitions received at the national and international level by the faculty, and students**

- 2nd Yr. Students (3rd Semester) : Awarded for design and installation for IIID conference on Lighting at Pragati Maidan New Delhi

### **22. Internal and external members of the Board of Studies**

#### **Internal Members**

- |  |                                 |
|--|---------------------------------|
| i) Prof. Neerja Tiku<br>Head of Department | iii) Assistant Prof. Kriti Gera |
| ii) Associate Prof. Parag Anand Meshram    | iv) Assistant Prof. Aditi Singh |

#### **External Members**

- |   |   |
|---|---|
| v) Mr. A. Balasubramaniam<br>Product Designer | viii) Mr. Sabyasachi Paldas<br>Senior Vice President, Design Services<br>at Incubis Consultants (India) Pvt. Ltd. |
|---|---|

- |     |  |     |   |
|-----|--|-----|---|
| vi) | Mr. Abhimanyu Kulkarni<br>Creative Director/ Location Manager,<br>Philips Design India | ix) | Ms. Anubha Kakroo<br>DIT University, Dean & Professor |
|-----|--|-----|---|

- vii) Prof. Jogi Panghaal

**23. Internal and external members of the Departmental Research Committee**

N.A.

**24. Prominent visitors to the Department of studies**

None

**25. Details of activities under various MOUs during the reporting year**

None

**26. Details of ‘beyond syllabus scholarly activities’ of the department**

Students regularly interact with academicians and experts from Industry, namely Godrej, Kohler, 3M, Whirlpool, Philips etc. Attend workshops on clay Modeling, art Installations and Design Talks. Some prominent ones are listed below:

- Visit to NID Ahmedabad
- Visit to IIM Ahmedabad
- Design Hub Facilities and Centers, RMIT University, Melbourne Australia
- 3M Labs at Gurgaon
- Kohler Design and Research Facilities, Gurgaon
- Excel Industries, Mumbai
- Eran Scientific Trivandrum
- DRDO
- Design Talk at Oxford bookstore.
- Visit to Industrial Design Centre, IIT, Powai (Nov,2014)
- Industrial visit to Godrej Interio, Mumbai (Nov,2014) – as a part of curriculum

**27. Any other information**

- Designed the Studio Programme for the Urban Design Semester & Visited New York as a Jury Member in the Deptt of Urban Design. Historic preservation and planning Columbia University New York, for assessment of semester work on “REIMAGINING LUTYENS”, Delhi - March 2014
- Students showcased Thesis Project at the Annual Event “Design Degree Show” held at “Triveni Kala Sangam” Delhi, May, 2015.



Design Degree Show 2015 exhibiting work works of graduating students of Master of Design Program



First semester students attended a Clay Workshopat Learn Something Different, New Delhi, October 2014



Faculty from Department of Industrial Design conducting a design studio at the RMIT University, Melbourne, Australia.



Third semester students along with the faculty won an award for an Installation at IIID Conference, PragatiMaidan, New Delhi, September 2014

## DEPARTMENT OF LANDSCAPE ARCHITECTURE

**1. Name of the Department**

Department of Landscape Architecture

**2. Names of academic programs offered by the Department**

- Masters in Landscape Architecture
- Ph.D.

**3. Year of establishment of the Department**

1972

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. Dr. Rommel Mehta	Ph.D (Landscape Architecture)  PG. diploma Landscape Architecture  B. Arch	Professor & Head of the Department	a. Landscape Architecture Design b. Site Planning & Landscape Engineering c. Hydrology d. Plants & Design e. Landscape Project Management and professional Practice	40 yrs	
Prof. Dr. Surinder Suneja	Ph.D.	Professor	Landscape Architecture "Ecological Sensitive landscape Design".	Total teaching experience in SPA – 29 Years + Professional experience 9 years.	Guiding 2 doctorate students in SPA Vijaywada & Delhi.
Ms. Aarti Grover	Ph.D. (Ongoing) M.L. Arch B.Arch	Assistant Professor	Landscape Architecture	13	-

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Rommel Mehta	July – Dec, 2014	3rd	LA – 14, Landscape Resources – I (Theory)
			2
			LA – 15, Dissertation : Seminar(Theory)
			2
	Jan – May , 2015		LA – 16, Landscape Architecture Studio - III
			6
		2nd	LA- 8, Plants and Design (Studio)
			2
Prof. Surinder Suneja	July – Nov, 2014		LA – 11, Landscape Architecture Studio
			3
		4th	LA – 18, Landscape Project and Management Professional Practice (Theory)
			2
	Jan – May , 2015		LA – 20, Landscape Architecture Studio
			8
		Ist	Landscape Design Studio
			12 hrs
Aarti Grover	July – Dec, 2014	Sem III	Landscape Architecture Studio III (Theory & Studios)
			16/ Week.
		Sem III	Landscape Economics Horticulture Management & Practices (Theory)
			2/ Week.
	Jan – May , 2015	Sem IV	Landscape Architecture Studio IV (Theory & Studios)
			2/ Week.
		Sem II	Landscape Architecture Studio II (Theory & Studios)
			14/ Week.
		Sem IV	Landscape Conservation and Regional Landscape Planning (Theory)
			2/ Week.

## 6. 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
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Nil

**7. (a) 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
Ms. Sujata Kohli	I	LA- 5, Design Studio	6
Dr. G. Narayanasamy	I	LA – 2, Soils	2
Sh. Harbir Singh Chopra	I	LA – 4, Site planning and Landscape Engineering (Theory)	
		LA – 4, Site planning and Landscape Engineering (Theory)	7
		LA – 5, Design Studio	
Ms. Savita Punde	I	LA – 5, Design Studio	6
Sh. Nikhil Dhar	I	LA – 5, Professional Communication	2
Prof. Ravinder Bhan	I	LA – 5, Design Studio	6
Prof. Dr. C.K. Varshney	I	LA – 5, Design Studio	6
Sh. Sachin Jain	I	LA – 5, Design Studio	6
Sh. Suresh Purandare	I	LA – 5, Design Studio	6
Ms. Sushma Moitra	I	LA – 1, Plants Systematic & Plants process	2
Sh. Gauhar Mehmood	I	LA – 2, Geology	
		LA – 3, Geomorphology	4
Sh. Samir Khanna	I	LA- 5, Design Studio	6
Ms. Nandini Rewari	III	LA – 16, Landscape Architecture Studio	6
Sh. Nikhil Dhar	III	LA – 16, Professional Communication	2
Sh. Minesh Parikh	III	LA – 16, Landscape Architecture Studio	6
Sh. Samir Mathur	III	LA – 16, Landscape Architecture Studio	6
Sh. Pankaj Jain	III	LA – 16, Landscape Architecture Studio	5
Ms. Nidhi Madan	III	LA – 16, Landscape Architecture Studio	6
Ms. Nandita Parikh	III	LA – 13, Theory of landscape Architecture - II	2
Ms. Vina Viswas	III	LA – 16, Landscape Architecture Studio	6

Sh. K.R. Ahuja	III	LA – 16, Landscape Architecture Studio	6
Ms. Jaishree Mahana	III	LA – 15, Dissertation : Seminar	6
Sh. Rajesh Shukla	III	LA – 16, Landscape Architecture Studio	3
Ms. JasleenKaur Waraich	III	LA – 16, Landscape Architecture Studio	2
Ms. Nupur Prothi Khanna	III	LA – 16, Landscape Architecture Studio	3
Sh. Sandeep Menon	II	LA – 8, Plants and Design (Theory)	
		LA – 11, Landscape Architecture Studio	5
Ms. Nandita Parikh	II	LA – 7, Theory of Landscape Architecture (Theory)	2
Sh. Nikhil Dhar	II	LA – 11, Professional Communication	
		LA – 11, Landscape Architecture Studio	5
Ms. Pallavi Mohan	II	LA – 11, Landscape Architecture Studio	6
Sh. P.S. Uttarwar	II	LA – 10, Remote Sensing, Land Information Systems & GIS	2
Sh. Suresh Purandare	II	LA – 11, Landscape Architecture Studio	9
Sh. Harbir Singh Chopra	II	LA – 9, Site Planning and Landscape Engineering (Theory)	
		LA – 11, Landscape Architecture Studio	5
Ms. Sushma Moitra	II	LA – 6, Ecology, Ecosystem Analysis & Field Ecology	2
Ms. Nidhi Madan	II	LA – 11, Landscape Architecture Studio	3
Sh. Pankaj Jain	II	LA – 11, Landscape Architecture Studio	6
Ms. Savita Punde	II	LA – 11, Landscape Architecture Studio	3
Sh. Santosh Kumar	II	LA – 8, Plants and Design (Studio)	2
Ms. Jasleen Kaur	IV	LA – 20, Landscape Architecture Studio	5
Sh. K.R. Ahuja	IV	LA – 20, Landscape Architecture Studio	11
Sh. Krishan Singal	IV	LA – 20, Landscape Architecture Studio	6
Ms. Monika Koul	IV	LA – 19, Landscape Resources	2
Sh. Minesh Parikh	IV	LA – 20, Landscape Architecture Studio	6
Sh. Nikhil Dhar	IV	LA- 20, Professional Communication	2
Ms. Nidhi Madan	IV	LA – 20, Landscape Architecture Studio	5
Ms. Nandini Rewari	IV	LA – 20, Landscape Architecture Studio	6

Sh. Pankaj Jain	IV	LA – 20, Landscape Architecture Studio	8
Sh. Rajesh Shukla	IV	LA – 20, Landscape Architecture Studio	5
Sh. Santosh Kumar	IV	LA – 20, Landscape Architecture Studio	9
Sh. Samir Mathur	IV	LA – 20, Landscape Architecture Studio	6
Ms. Vina Biswas	IV	LA – 20, Landscape Architecture Studio	5

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date
Sh. Farhad Contractor	1st & IIIrd	Water Conservation	

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

- Joint studio program with departments of Architectural Conservation, Urban Design and Industrial Design.

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

Semester/Year	Project Title/Topic	Description
2014-15	Urban Landscape Study	<p>The aim of this study was to familiarize the students with the urban landscapes in the city. Several sites were chosen within the city fabric and a nuanced study of their physical and social aspects was conducted. The sites under study were:</p> <ol style="list-style-type: none"> <li>1. South extension market</li> <li>2. Lodi Gardens</li> <li>3. Humayun's Tomb</li> <li>4. India Gate</li> <li>5. Chandni Chowk</li> <li>6. IIT Delhi</li> <li>7. Hauz Khas Village</li> <li>8. HUDCO Housing</li> </ol>

Integrated Design  
Study

9. DDA Housing Saket

10. Jama Masjid

This studio was an attempt to bring together the various disciplines such as landscape, urban design, conservation and industrial design to map, analyze and design the 200 acre historical site of the Mehrauli Archaeological Park in the Delhi.

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

Roll No.	Name of the Student	Thesis Topic
LA/510	Japneet Kaur	Yamuna Riverfront Development Along Indraprastha Power Station
LA/511	Sona Suresh	Indian Institute Of Infrastructure Of Construction, Kollam, Kerala
LA/513	AanchalVidyasagar	Landscape Proposal For ShriRamswaroop Memorial University, Deva Road
LA/514	Namitha S.C	Adaptive Reuse & Landscape Design Proposal For Central Jail Site, Bangalore
LA/515	Kriti Yadav	Campus Planning & Landscape Development Gujrat State Fertilizer And Chemical University, Vadodara
LA/516	Hiranmayi Dixit	Landscape Development of IIM Rohtak
LA/517	DivyaPilla	Landscape Heritage Design For Thotlakonda Buddhist Complex
LA/518	MaithilyVelangi	Conservation Of The Existing Forest And Landscape Design Of A City Park, Belgaum, Karnataka
LA/519	Sunny Aggarwal	Revitilaztion Of Hari Nagar Lake, Delhi
LA/520	Nandita Singh	Indian Institute Of Management, Kashipur
LA/521	Pradeep Bhatt	Landscape Proposal For Development Of City Park, Sector 117, Noida, U.P.
LA/522	Kumar Rahul Verma	Landscape Proposal for Bhopal Gas Tragedy Memorial, Commemorating The Victims
LA/523	Swetika Porwal	Landscape Design Development For Vidyagyan School, Sitapur, U.P.
LA/524	Vivek S.	Landscape Design Development For HCL Campus, Sholinganallur, Chennai

LA/525	Amalan Sigmund Kaushik	Comprehensive Landscape Development Of IIM Trichy
LA/526	Venkata Lakshmi V.	Site Planning, Landscape Design For International School, Coimbatore
LA/528	Shinana	A Revitalization Of District Park, Satpulla Lake Complex, New Delhi
LA/530	Khaire Jayesh D. Pushpa	Site Planning And Landscape Design For Housing At Mulshi, Pune
LA/531	Somainslary	Landscape Design Proposal For Spring Valley Resort & SPA, Guwahati, Assam

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

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
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There is no doctoral scholar in the department at present

#### 12. Research thrust areas of the Department

Nil

#### 13. Completed/on-going research projects in the Department

Name of the Project Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
LDA	Prof. Dr. Surinder Suneja	Design on Riverside	75 Lakh

#### 14.Details of consultancy projects undertaken by Department

Name of the Project Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
Numaligarh Refinery Limited	Prof. Rommel Mehta	Site Planning and landscape Design of a Refinery township in North Eastern region	25 lakhs till Date
Noida Authority	Prof. Dr. Surinder Suneja	Design of Herbal Garden	

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**Book Publication**

**Prof. Dr. Surinder Suneja**

- Writer a book on Green Master Plan, Mysore University

**Paper Publication**

**Aarti Grover**

- Examining Inclusivity in Urban Public Spaces: Gender Perspective in Indian Context, Refereed Journal of IIA: Volume 80 Issue 03 March 2015, ISSN – 0019-4913.
- Designing Public Spaces for Women, Volume 1-Issue XII, April 2015 Urban Update: Setting the agenda for Tomorrow's Cities, RNI No DELENG/2014/57384.
- Women in Architecture: Gap Analysis and Changing Dynamics, Women in Architecture in India: Challenges in the 21st Century Conference Document.

**16. Details of other publications made by regular faculty of the Department**

**Prof. Dr. Surinder Suneja**

- Report on IIM, Udaipur
- Report on Bangalore Botanical Garden

**Aarti Grover**

- Editor: Special Issue on Landscape Architecture in Refereed Journal of IIA: Volume 80 Issue 04 April 2015, Monthly Journal, ISSN – 0019-4913.
- Editor: Women in Architecture in India: Challenges in the 21st Century, Conference Document, Innovative Designers & Printers, New Delhi.

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Anyother (please specify)**

**Prof. Dr. Rommel Mehta**

**National Committee**

- Member, Expert Group on Zoo Designing of Central Zoo Authority.
- Member, Heritage Advisory Committee, NDMC
- Member at the Department of Architecture, Deen Bandhu Chhotu Ram University of Science & Technology, Murthal–Sonipat
- Member, BOS of Shri Mata Vaishno Devi University, Kakryal, Katra, Jammu.
- Expert on Selection Committee for faculty position in School of Architecture of Ansal University

**Prof. Dr. Surinder Suneja**

**National Committee**

- Central Zoo Authority as a Technical Expert.
- Member, Delhi Productivity Council for their academic programme.

**Ms. Aarti Grover**

**Any other**

**Member of Professional Bodies**

- Member of Publication Board of IIA
- Executive member of Haryana Chapter of IIA

**18. Exhibitions, Seminars/Workshops organized by the students and faculty of the Department**

**a) Exhibitions**

Nil

**b) Seminars/Workshops**

**Aarti Grover**

- Organized 'One Student One tree' event in SPA Campus as Special Plantation Drive on 16.8.15
- Part of Organizing Committee for a One day Conference on Women in Architecture in India: Challenges in the 21st Century On 6.6.15 at Kamla Devi Auditorium in IIC
- Part of Organizing Committee for Seminar on Architectural Education Seminar-Turmoil-Opportunities-Future Course on 20.12.14 at PHD Chamber of Commerce, N. Delhi

**19. Seminars or workshops attended by the faculty of the Department**

**Prof. Dr. Rommel Mehta**

**Invited Talks**

- Speaker in Summit on Urban Landscape under the mentorship of Ministry of Urban Development, Govt. of India

**Participation only**

- Attended Annual Conference of ISOLA at New Delhi.
- Attended Conference and Exhibition on Smart Cities India 2015 - Pragati Maidan, Delhi, May 2015

**Invited Panellists/experts/jury member**

- Jury member of Viva-voce for Board of Examination of IIA.
- Examiner for B.Arch examination in the Vastu Kala Academy College of Architecture Dec. 2014

**Prof. Dr. Surinder Suneja**

**International conferences/ workshop/seminar**

- Attended I.FLA Congress at Bueno Aires, Argentina, 2014

**Aarti Grover**

**Participation only**

- Talk on Working in Mumbai by Prof. Rahul Mehrotra On 25.7.15 at Kamla Devi Auditorium in IIC Organized by ISOLA
- One day Conference: Women in Architecture in India: Challenges in the 21st Century On 6.6.15 at Kamla Devi Auditorium in IIC
- Workshop on Towards a Holistic Approach to City Planning on 8.4.15 at IIC
- National Symposium on Sustainable Smart Cities on 16.3.15 at IHC
- Nursery Expo on 22.3.15 at Pragati Maidan
- Seminar on Gender Responsive Planning: Beginning with Curriculum on 09.12.14 at India Habitat Centre, N. Delhi
- Seminar on Architectural Education Seminar-Turmoil-Opportunities-Future Course on 20.12.14 at PHD Chamber of Commerce, N. Delhi
- ISOLA Delhi NCR Chapter Walk Series 2014-15 conducted by ISOLA from 01.11.14 to 10.01.15

**Invited Panellists/experts/jury member**

- Member in a Jury for a National Level Competition of Dashrath Manjhi Institute of Labour & Employment at Patna, Bihar on 10.01.2015

**20. Courses and training programs of attended by the faculty of the Department**  
None

**21. Awards or recognitions received at the national and international level by the faculty, and students**

None

**22. Internal and external members of the Board of Studies**

**Internal**

1. Prof. Dr. Rommel Mehta
2. Prof. Dr. Surinder Suneja

**External**

1. Prof. M. Shaheer
2. Prof. R. Bhan
3. Ms. Savita Punde
4. Prof. Dr. C.K. Varshney

**23. Internal and external members of the Departmental Research Committee****Internal**

1. Prof. Rommel Mehta
2. Prof. Dr. Surinder Suneja

**External**

1. Prof. Dr. P. K. Sarkar
2. Prof. Ram Sharma

**24. Prominent visitors to the Department of studies**

- Dr. Farhad Contractor gave lecture on Water Conservation

**25. Details of activities under various MOUs during the reporting year**

Nil

**26. Details of 'beyond syllabus scholarly activities' of the department**

Nil

**27. Any other information****Aarti Grover**

- Published On-line Paper titled Considering Gender Preferences: Mainstreaming as a possible tool for tomorrow's cities



## DEPARTMENT OF REGIONAL PLANNING

### 1. Name of the Department

Department of Regional Planning

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

- Masters with specialization in Regional Planning
- Ph.D.

### 3. Year of establishment of the Department

1958

### 4. Faculty profile

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. (Dr.) Ashok Kumar	M.Sc. Geography MP (URP) Ph.D. (The University of Liverpool, UK), PDHRM, FITP	Head and Professor of Physical Planning	Urban and Regional Planning	22	Head till 21 May 2015
Dr. Vinita Yadav	M.A. (Geography), M. Plan. (U.P), Ph.D. (JNU), M.B.A. (Financial Management), AITP	Associate Professor	Governance, Poverty and Development, Institutional Analysis, Participatory and Inclusive Development	15	Head Incharge w.e.f. 22 May 2015
Ms. Chetna Singh	M.A. (Geography) (JNU), M. Plan. (R.P) (SPA, Delhi), AITP	Assistant Professor	Regional Development, Public Policies in Planning, Peri-Urban Developments	4	--

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. (Dr.) Ashok Kumar	I	Planning Theory	1

Dr. Vinita Yadav	III	Studio (Regional Plan)	6
	II	Studio	3
	IV	Thesis	4
	III	Institutional Analysis and Governance	3
	III	Studio	11
	II	Poverty and Development	3
	II	Studio	6
Ms. Chetna Singh	IV	Participatory and Community Planning	1
	IV	Thesis (2)	4
	I	Studio	5
	III	Politics and Public Policy	3
	III	Studio	9
	II	District Planning and Rural Development	3
	II	Studio	12
	IV	Participatory and Community Planning	1
	IV	Thesis	3

**6. 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. Ashok Kumar	I	Planning Theory in Department of Physical Planning	3
	II	Planning Theory-II in Department of Physical Planning	3
	VIII	Thesis Supervision in Department of Physical Planning	6

**7. (a) 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
Dr. Kiran Choker	III	Environment and Development	3
Dr. Akshaya Sen	III	Project Planning	3

Ms. Gazala Jamil	III	Resettlement & Rehabilitation	3
Sh. Shalabh Saxena	III	Spatial Data Infrastructure	3
Dr. S.K. Kulshrestha	III	Studio	12
	IV	Legal Issues in Planning and Professional Practice	3
	IV	Thesis	3
Prof V.K. Dhar	III	Studio	12
	II	Studio	9
	II	Land Market and Management	3
	IV	Thesis	3
Ms. Alpana Bose	II	Planning for Regions	3
Dr. Kusum Lata	II	Infrastructure Management	3
Dr. Somnath Ghosal	II	Climate Change and its Impact	3
Dr. V.N Alok	IV	Financing Development	3
Mr. Sanjeev Saxena	IV	Legal Issues in Planning and Professional Practice	3
	IV	Thesis	3
Dr. Pushpa Pathak	IV	Future Regions	3
Mr. Rakesh Kapoor	IV	Future Regions	3
Prof. B. Mishra	IV	Thesis	3
Dr. Rumi Aijaz	IV	Thesis	3
Prof. J.H. Ansari	IV	Thesis	3
Mr. B.C. Dutta	IV	Thesis	3
Dr. R. Biswas	IV	Thesis	3
Mr. M. L. Chotani	IV	Thesis	3
Mr. Rajeev Malhotra	IV	Thesis	3
Dr. Sandeep Kumar Raut	IV	Thesis	3

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date (s)
Dr. Ajinder Walia	III	Environment and Development	11, 17 and 24 November 2014
Mr. Sachin Pant	III	Project Planning	24 September 2014 and 21 November 2014
Dr. Diya Mehra	III	Institutional Analysis and Governance	11 and 18 November 2014
Dr. Pushpa Pathak	III	Resettlement and Rehabilitation	18 and 25 September 2014 and 9 October 2014
Mr. Vishnu Chandra	III	Spatial Data Infrastructure	1, 11 and 18 November 2014
Mr. Alok Shiromany	IV	Project Financing	17 April 2015
Ms. Cat Button	II and IV	Domesticating Infrastructure Governance through Rainwater Harvesting in Mumbai	19 March 2015
Dr. Suzanne Speak	IV	Research Methodology	17 March 2015
Dr. Cat Button	II	The illusion of plentiful water supply in Mumbai's middle class apartments	17 March 2015
Mr. Indu Prakash Singh	II	Homelessness	24 February 2015
Prof. Ray Bromley	II and IV	Patrick Geddes' Classic Plan of Indore, 1918'	13 January 2015
Mr. Satyendra Singh	II and IV	Geospatial Technologies for Water Tax Restructuring: Case study of Germany	12 January 2015
Dr. Surendra Singh	III	Environment and Development: Understanding the Concepts and Approaches through Case Studies	13 November 2014
Dr. B.R. Patil	I and III	Tools of Micro-Planning with focus on People's Participation	16 October 2014

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

- Prof. Dr. Ashok Kumar and Ms. Chetna Singh were involved in First Integrated Semester.

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

<b>Semester/Year</b>	<b>Project Title/Topic</b>	<b>Description</b>
Third semester 2014	Metropolitan Region Development Plan For Amritsar, 2035	The students prepared a Metropolitan Region Development Plan for Amritsar for the year 2031. In this Plan, the students focussed on identifying regional planning issues, problems and potentials so that appropriate future course of action could be charted out in the form of specific proposals and projects for various sectors and areas in an integrated manner. The core focus included enhancement of sustainable and inclusive economic, social and physical growth of the Region.
Second Semester 2015	Block and Village Development Plan for Palwal, 2031	The students prepared a Block and Village Development Plan for Palwal Block for the year 2031. The students also prepared detailed Village Development Plan for a selected village. In the block plan, the students focussed on identifying issues, problems and potentials and detailed out specific proposals and projects for various sectors.

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

<b>Roll No.</b>	<b>Name of the Student</b>	<b>Thesis Topic</b>
SPA/NS/RP/1146	Arpita Goyal	Socio- Economic and Spatial Development of Ajmer Kishangarh National Highway Corridor, Rajasthan
SPA/NS/RP/1147	Viral Misra	Development Strategies for a Hilly Region: Case Study district Solan, Himachal Pradesh
SPA/NS/RP/1148	Arun. G	Dynamics of Kottayam- Pathanamthitta Development Corridor in Kerala
SPA/NS/RP/1149	Soumya Sharma	Planning for Heritage Development: Ajmer District, Rajasthan
SPA/NS/RP/1150	Sayan Sarkar	Planning Implication of bifurcation of a District: Case Study of Midinapur, West Bengal
SPA/NS/RP/1151	Hemant Sharma	Identification of Future Smart Cities in a Region: A Case Study of State of Karnataka
SPA/NS/RP/1152	Ayushman Sharma	Planning for a Rurban Centre: Case Study of Jammu District, Jammu and Kashmir
SPA/NS/RP/1153	Shashank Maniyar	Integration between District Development Plan and Local Development Plan – A case study of Kollam District, Kerala

SPA/NS/RP/1155	Avinash Sinha	Integrated Development of Settlements in Gaya District, Bihar
SPA/NS/RP/1156	Saddam Hussain	Durg- Bhilai- Raipur Urban Corridor in Madhya Pradesh: Strategy for Development
SPA/NS/RP/1158	Sudheer Prakash Sutar	Role of Wineries in development of Dindori Taluka, Maharashtra
SPA/NS/RP/1159	Rambabu Jupalli	Selection and Strategies formulation for model Village: Case Study of Narasaraopet MP constituency, Andhra Pradesh.
SPA/NS/RP/1160	Pusparaj Baraik	Assessing criteria for delineation of backward region: case study of Ranchi District, Jharkhand
SPA/NS/RP/1112	Smriti Das	Evolving Settlement Patterns in National Capital Region
SPA/NS/RP/1107	Ambuj Manohar	Renewable Energy for Sustainable Rural Development: Case Study of Rajasthan

#### 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
2011-2012	Ms. Aparna Das (SPA/NS/Ph.D/108)	Regenerating the Torn Hessian Fabric Critical Role of Urban Land Policies in Regeneration of Urban Environment Case Studies: Jute Mill Lands, Kolkata Metropolitan Area Post 1980s	Research Supervisor Prof. Dr. P.S.N. Rao  Co-Supervisors Dr. Banashree Banerjee Prof. Dr. N. Sridharan	Shifted to Department of Physical Planning w.e.f. May 2015
2010-2011	Ms. Chetna Singh (SPA/NS/Ph.D/109)	Transformations in Peri-Urban Areas and Role of The State: A Case Study Of Chennai Metropolitan Region	Research Supervisor Prof. Dr. Mahavir	
2010-2011	Mr. A.K. Mehta (SPA/NS/Ph.D/110)	Municipal Own Source Mobilization and Service Level Efficiency	Research Supervisor Dr. Vinita Yadav	

2010-2011	Mr. Vidya Sagar (SPA/NS/Ph.D/ 116)	Towards participatory urban governance: A study of a case of Kalyan- Dombivali (KD), a fringe sub-city to Mumbai, India	Co-Supervisor Dr. K.K. Pandey Prof. Dr. N. Sridharan Research Supervisor Prof. Dr. P.S.N. Rao Co-Supervisor Dr. P. Mukhopadhyay Prof. Dr. N. Sridharan
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## 12. Research thrust areas of the Department

- Participatory and Inclusive Development
- Peri-Urban Development
- Smart Regions
- Disaster Management

## 13. Completed/ongoing research projects in the Department

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
Reimagining Academic Boundaries, A collaboration between SPA and GIZ GmBH	Prof. Dr. Ashok Kumar	Research paper titled 'From Inclusive Growth to a Voyage towards the Inclusive City' and	Rs. 20,000
Reimagining Academic Boundaries, A collaboration between SPA and GIZ GmBH	Dr. Vinita Yadav	Research paper titled 'Direct Benefit Transfer: Stepping Stone for Inclusivity'	Rs. 20,000
Module I: Importance of Land Use Planning	Prof. Dr. Ashok Kumar	World Bank	Approx. Rs. 60,000/-

## 14. Details of consultancy projects undertaken by Department

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
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None

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**Prof. Dr. Ashok Kumar**

- Kumar, A. (2014) From Inclusive Growth to a Voyage towards the Inclusive City, SPACE: The SPA Journal of Planning and Architecture, vol. 18, no. 2, July-December 2014, ISSN 0970-0706.

**Dr. Vinita Yadav**

**Chapters in Edited Books:**

- Disaster Management in Border Sensitive Area: Case Study of Amritsar District in Huong Ha, R. Lalitha S. Fernando and Amir Mahmood (Ed.), Strategic Disaster Risk Management in Asia, Springer, page nos. 207-220, Publication Date: June 2015, ISBN: 978-81-322-2372-6 and ISBN: 978-81-322-2373-3 (ebook).
- 'E-Governance and Smart Cities: Cases of Ahmedabad and Hyderabad' chapter 3 in T.M. Vinod Kumar (ed.), E-Governance for Smart Cities, Advances in 21st Century Human Settlements, Springer Science+Business Media Singapore 2015, page nos 65-78, Publication Date: January 2015, ISBN: 978-981-287-286-9 and ISBN: 978-981-287-287-6 (eBook).
- 'Geo-Politics and Community Vulnerability: A case of Diu Island' chapter 9 in Huong Ha (Ed.) Land and Disaster Management Strategies in Asia, Springer India, page nos. 121-137. Publication Date: September 2014, ISBN: 978-81-322-1975-0

**Papers in Journal**

- Yadav, V. (2014) 'Direct Benefit Transfer: Stepping Stone for Inclusivity', SPACE: The SPA Journal of Planning and Architecture, vol. 18, no. 2, July-December 2014, ISSN 0970-0706.

**16. Details of other publications made by regular faculty of the Department**

**Prof. Dr. Ashok Kumar**

- Article titled 'Built Environment and Women: Setting Agenda, Raising Issues', published in Conference document in the workshop "Women in Architecture in India: Challenges in the 21st Century", organized by the School of Planning and Architecture, New Delhi, SPA Alumni and Indian Institute of Architecture. New Delhi. 6 June 2015.

**Dr. Vinita Yadav**

- Smart Cities within Regions, Lila Inter actions- an online medium of translocal dialogues, 5 September 2014.
- Yadav, V. (2015) 'Conclusive Land Titling: A Way for Rights Entitlement', Nagarlok, January - March 2015.

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Dr. Vinita Yadav**

**International Committees**

- Member, International Conference Committee, ICAIWM 2014: 16th International Conference on Adaptive and Integrative Water Management, London, United Kingdom, August 21 - 22, 2014

**Editorial Boards**

- Editorial Board- Review Committee, International Journal of Scientific and Engineering Research

**Prof. Dr. Ashok Kumar**

**Editorial Boards**

- Editor, ITPI Journal, Institute of Town Planners India

**18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

- Jointly organized International Conference on “Town and Country Planning Education: Retrospect and Prospect”, organized by University of Mysore, Mysore, 21- 23 November 2014

**19. Seminars or workshops attended by the faculty of the Department**

**Dr. Vinita Yadav**

**International Conferences/workshops/seminars**

- Attended Summer school cum workshop "AGSE 2014: continuing Geospatial Education", organized by University of Stuttgart, Germany, 3 to 7th November 2014.
- Key note speaker at the 'Poverty Situation: A Comparison of different countries' on 5 November 2014 in inaugural session of 6th International Conference on Geospatial Momentum for Society and Environment: AGSE 2014 organised by University of Applied Sciences, Stuttgart, Germany from 5 to 7 November 2014.

**Chairperson/Member of Panels**

- Attended as a Panelist “Creating collaborative spaces and partnership opportunities to address the issue of sexual harassment (SH)- Panel 1: Address the structural and Policy Drivers to tackle sexual harassment”, organized by Breakthrough, New Delhi. 12 March 2015.
- Attended as a Panelist “Swachh Bharat - Frameworks for Green Growth” session in conference “Smart Republic 2015”, organised by Society for Promotion of e-Governance (SPeG) in collaboration with Mobilepedia, IIPA and NISG, New Delhi, 28 January 2015.

### **Lecture Talks**

- Lecture on 'Sustainability and Green Cities' in international seminar on 'Disaster Law: Can Laws Make Communities Safer from Disaster', Organised by Centre for Law and Governance with Network of Asia Pacific Schools and Institutes of Public Administration and Governance (NAPSIPAG). 16 November 2014
- Lectures on 'Participatory Rural Appraisal as a technique for Qualitative Analysis' in University of Applied Sciences, Stuttgart, Germany on 3 and 4 November 2014.

### **Participation only**

- Attended the workshop on "Economic Profile of NCR and Micro and Household Enterprises of NCR", organized by the National Capital Region Board, New Delhi, 8 May 2015.
- Dialogue on "Rural-Urban Nexus-The Indian Story" by Prof. Dipankar Gupta, Professor and Director, Centre for Public Affairs and Critical Theory, Shiv Nadar University New Delhi on 23 February 2015
- Talk on 'Spatial Database for Development', Silver Jubilee Alumni Lecture Series by Mr. Mihir Prakash, consultant, World Bank, 19th of February 2015.
- Attended a "National Workshop on Draft Model Building Bye-Laws 2015", organized by TCPO, Ministry of Urban Development, New Delhi 18 February 2015.
- Inaugural dialogue on "National Commission on Urbanisation: Findings and relevance in shaping the New Urban Agenda" by Dr. M. N. Buch, IAS (Retd.) organized by NIUA New Delhi on 28 January 2015
- National Workshop on 'Public Participation in Planning' organized by SPA under HUDCO Chair activities, New Delhi on 22 and 23 January 2015
- National Workshop on "Sharing Urban Good Practices under PEARL" supported by Cities Alliance organised by National Institute of Urban Affairs (NIUA) New Delhi on 20 January 2015.
- National Consultation on 'Enhancing Knowledge and Innovation for effective Disaster Risk Reduction' organized by Solution Exchange, New Delhi. 6 December 2014
- Meeting with Gautier Kohler, Agence Française de Développement, Paris, France to discuss project "a planet for life" in partnership with the French Development Agency (AFD, Paris), the Energy Resource Institute (TERI, India), and the Institute for international relations and sustainable development (IDDRI, Paris) on 4 December 2014.
- Seminar on 'Sustainable City Planning: Sharing Best Practices between Sweden and India' organized by Embassy of Sweden and Business Sweden on 18 November 2014.
- NIUA Dialogue Series III – "Learning Cities" by Tim Campbell, Urban Age Institute, 13 October 2014.
- Seminar on "Building 100 New Cities in India" organized by Observer Research Foundation on Tuesday, 23 September 2014

**Prof. Dr. Ashok Kumar****National Conferences/workshops/seminars:****Presentation of Papers**

- Made a presentation as a Panelist in the national conference on “Smart Cities India 2015”, organized by Exhibition India Group, New Delhi, 20- 22 May 2015.
- Made presentation in the Plenary Session of the national conference on “Smart Cities: Challenges and Vision Ahead” Organized by Department of Geography, Shaheed Bhagat Singh College (University of Delhi) New Delhi, 6 April 2015.
- Delivered a Keynote Address at the “Innovative Design Orientation Techniques (IDOT)”, Lovely Professional University, Phagwara, Punjab from 3 to 5 April 2015.
- City Planning: A Case of the Master Plan Making, A paper Presented at the seminar on “Revision of Srinagar Master Plan”, organized by the Srinagar Development Authority, Srinagar 23 - 25 May 2015.
- Theorizing Participation: Consensus, Conflicts and Widening Spaces of Participation in Planning, A paper presented at the National Seminar on “Public Participation in Planning”, organized by the School of Planning and Architecture, New Delhi under the HUDCO Chair activities, New Delhi. 22-23 January 2015.
- High Growth Inclusive Urban Settlements with a Focus on Smart Cities, A paper presented at the Plenary Session of the 63rd National Town and Country Planners’ Congress, organized by the Institute of Town Planners, India, Chennai, 29 December 2014
- Use of Technology and Innovation in Promoting Good Governance, A special lecture delivered on the eve of the Birth Anniversary of Shri Atal Bihari Vajpayee, New Delhi. 25 December 2014.
- Silences of Planning, A paper presented at the International Conference on “Town and Country Planning Education: Retrospect and Prospect”, organized by University of Mysore, ITPI Delhi, SPA Delhi, SPA Bhopal, and SPA Vijayawada, Mysore. 21 November - 23 November 2014.

**Chairperson/Member of Panels**

- Chaired a session in the national seminar on “Planning and Development Laws: Court Cases, Institutional Responses and Implications for Planned Development”, organized by SPA, Delhi. 25 September to 27 September 2014.
- Discussant in a roundtable on “Land Use Planning in India: A Dialogue” in collaboration with the GIZ, India, organized by SPA, Delhi. 16 October 2014.
- Panelist in the national seminar on “Gender Responsive Planning: Beginning with the Curriculum”, organized by the School of Planning and Architecture, New Delhi in collaboration with GIZ India, New Delhi. 9 December 2014.

- Panelist on “GIS and Smart Cities” organized by ESRI India Institute of Town Planner, India New Delhi, 11 December 2014.
- Panelist “National Stakeholders’ Consultation to Finalize Vision and Mission of the National Centre for Good Governance”, organized by National Centre for Good Governance, New Delhi. 20 December 2014.

#### **Participation Only**

- Attended the fourth training programme on “Development Plan Preparation and Implementation - Tools and Techniques”, organized by Indian Institute of Public Administration, New Delhi, 22– 26 September 2014.
- Attended the seminar on “HABITAT-III - New Urban Agenda for Managing Urbanization in the Developing World”, organized by the Institute of Town Planners India, New Delhi, 14 November 2014.
- Attended the international conference on “Governing Urban Futures”, organized by Alfred Herrhausen Society, The International Forum of Deutsche Bank, Delhi, 14 November 2014 – 15 November 2014.
- Examiner and Evaluator the 40th Advanced Professional Programme in Public administration on “Urban Study Visit to Delhi, Panjim, Hyderabad and Bangalore”, IIPA New Delhi, 10 December 2014.
- Attended a lecture delivered by Professor Meric Gertler, President of the University of Toronto, on “Universities and Smart Cities: A Global Perspective”, Organized by Observer Research Foundation, New Delhi 29 January 2015.
- Attended a “National Workshop on Draft Model Building Bye-Laws 2015”, organized by TCPO, Ministry of Urban Development, New Delhi, 18 February 2015.
- Attended the workshop on “Economic Profile of NCR and Micro and Household Enterprises of NCR”, organized by the National Capital Region Board, New Delhi, 8 May 2015.
- Attended the RCUK-NIUA Joint Consultations on “Urban Research Landscape in India”, organized by National Institute of Urban Affairs, New Delhi New Delhi, 15 May 2015.

#### **Ms. Chetna Singh**

##### **Participation Only**

- Attended curtain raiser to the 63rd National Town and Country Planners’ Congress, on the theme “High Growth Inclusive Urban Settlements with a Focus on Smart Cities”, organized by the Institute of Town Planners, India, New Delhi 29 December 2014.

## **20. Courses and training programs of attended by the faculty of the Department**

#### **Dr. Vinita Yadav**

- Training on “Right to Information (RTI) Act 2015 by R.K. Singh”, organized by School of Planning and Architecture, New Delhi. 20 February 2015.

- Attended technical session on 'Intergraph Geospatial Solution for Urban Planning, designing and Management', organized by CASS SPA-D, 19 February 2015
- Attended training on 'Software ERDAS Imagine 2015, Photogrammetry and Geo Media Training', organized by CASS. 19 February 2015
- Special Course on "Geospatial Technologies for Urban and Regional Planning", organised by Indian Institute of Remote Sensing (IIRS) and Indian Space Research Organisation. Dehradun. 15 to 26 December 2014.

#### **Ms. Chetna Singh**

- Attended training programme on anti-plagiarism on 'Turn-it-on' software organized by CASS, School of Planning and Architecture, New Delhi.
- Attended training on 'Software ERDAS Imagine 2015, Photogrammetry and Geo Media Training', organized by CASS. 19 February 2015

### **21. Awards or recognitions received at the national and international level by the faculty, and students**

Nil

### **22. Internal and external members of the Board of Studies**

#### **Internal Members**

- |   |  |
|---|--|
| 1. Prof. Dr. Ashok Kumar<br>Department of Regional Planning,<br>SPA Delhi | 2. Dr. Vinita Yadav<br>Department of Regional Planning, SPA<br>Delhi |
|---|--|

#### **External Members**

- |   |  |
|---|--|
| 1. Prof. Dr. Neera Agnimitra,<br>Professor, Delhi University.               | 4. Dr. Ratoola Kundu, Associate<br>Professor,<br>Tata Institute of Social Science,<br>Mumbai |
| 2. Dr. Vishnu Chandra, Director, GIS,<br>NIC, New Delhi                     | 5. Prof. Dr. Abdul Razak,<br>School of Planning and Architecture,<br>Vijayawada              |
| 3. Dr. Diya Mehra, Associate Professor,<br>South Asia University, New Delhi |  |

### **23. Internal and external members of the Departmental Research Committee**

#### **Internal Faculty**

- |  |  |
|--|--|
| 1. Prof. Dr. Ashok Kumar<br>Chairman, SPA, Delhi | 4. Prof. Dr. N. Sridharan<br>Member SPA, Vijaywada |
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- |  |  |
|--|--|
| 2. Prof. Dr. P.S.N. Rao<br>Coordinator, Ph.D. Programme,<br>SPA, Delhi | 5. Dr. Vinita Yadav<br>Member SPA, Delhi |
| 3. Prof. Dr. Mahavir<br>Member SPA, Delhi                              |  |

### **External Faculty**

- |   |   |
|---|---|
| 6. Dr. Prem Pangotra<br>Member Indian Institute of Management   | 8. Prof. Dr. K. K. Pandey<br>Member IIPA, Delhi |
| 7. Dr. Partha Mukhopadhyay<br>Member Centre for Policy Research | 9. Ms. Banashree Banerjee<br>Member             |

### **24. Prominent visitors to the Department of studies**

- Dr. Gautier Kohler, Agence Française de Développement, Paris, France. 4 December 2014

### **25. Details of activities under various MOUs during the reporting year**

- Dr. Suzanne Speak from University of Newcastle, Upontyne, interacted with students of Regional Planning on Research Methodology held on 17 March 2015.

### **26. Details of ‘beyond syllabus scholarly activities’ of the department**

- The department invites distinguished faculty and subject experts for delivering lecture, organizes joint studio exercise with state and central government departments and seminars with government/ non-government organizations.

### **27. Any other information**



## DEPARTMENT OF TRANSPORT PLANNING

**1. Name of the Department**

Department of Transport Planning

**2. Names of academic programs offered by the Department**

- Masters with specialization in Transport Planning
- Ph.D.

**3. Year of establishment of the Department**

1969

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. Dr. P. K. Sarkar	B.E. (Civil), P.G. Dip. T&CP (TTP), M.Sc. Transport Engg. (U.K.), PhD MIHT (UK), AITP, MIE (India) MIRT, MIUT, Fellow Institute of Surveying (India), Commonwealth Academic Fellow	Professor & Head in Transport Planning Department	Traffic Engineering, Transportation Planning Modeling, Traffic Engineering, Road Safety, Economic & Financial Analysis, Public Transport Planning, Intelligent Transport System, Transport Policy	38	
Prof. Dr. Sanjay Gupta	M.Sc, M.T.P, Ph.D, FITP Commonwealth Academic Fellow (U.K)	Professor of Transport Planning	I-Public Transport Planning II Freight Logistics III Transport Policy, Climate Change IV. Transport Planning/Modelling	29 (25 years as full time faculty)	Coordinator, Internal Quality Assurance Cell (IQAC)
Dr. Sewa Ram	B.Tech (Civil) IIT Delhi M.T.P, Ph.D	Associate Professor of Transport Planning	I-Traffic Engineering II Highway Planning and Design III Transport Infrastructure Design IV. Road Safety and environment	25 (22 years as full time faculty)	Coordinator, Training & Placement
Sh. Bhaskar Gowd Sudagani	B.Tech, Civil M. Plan Transport Planning	Assistant Professor	Engineering Economics, Highway Planning and Design, Urban Transport planning	8	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours /Week
Prof. Dr. P. K. Sarkar	II	Urban Transport Planning,	3
	II	Transport Planning Design Studio,	6
	III	Design Studio in Economics & Management	6
	III	Analytical Transport Planning	3
	III	Intelligent Transport System	1
	IV	Transport Policy, Legislation & Institutional Framework	2
		Thesis Guidance	6
	Ph.D.	Research Guidance	
Prof. Dr. Sanjay Gupta	II	Public Transport Planning (Theory) Design Studio	3
	III	Logistics and Distribution Management Design Studio	3
	IV	Transport Policy, Legal and Institutional Framework	1
		Thesis Guidance	
	Ph.D.	Research Guidance	
Dr. Sewa Ram	II	Traffic Engineering (Theory) Design Studio	3
	III	Transport Infrastructure Design Design Studio	3
	IV	Thesis Guidance	1
	Ph.D.	Research Guidance	
Sh. Bhaskar Gowd Sudagani	III	Planning and Design Studio (Economics and Management)	9
	III	Engineering Economics	2
	II	Planning and Design Studio (Transport Plan)	12

II	Thesis Guidance	2
II	Urban Transport Planning	1
II	Highway Planning and Design	1
IV	Thesis Guidance	2

**6. 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. P.K. Sarkar	I	Studio Design (Integrated Program)	3
Prof. Dr. Sanjay Gupta	I	M. Planning (Integrated First Semester)	3
	VIII	B. Planning (Thesis Guidance)	1 (extra)
Dr. Sewa Ram	I	M. Planning (Integrated First Semester)	
		Transport Planning (Theory)	
		Design Studio	3
	III	M.Planning (Urban Planning)	
		Infrastructure Planning (Theory)	1(Extra)
	VIII	B. Planning (Thesis Guidance)	1 (Extra)
Sh. B. Gowd Sudagani	I	Transport Planning	1

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

**July to Dec. 2014**

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Sh. M.L. Chotani	III	Lecture	1
Sh. S.R. Anjaneyulu	III	Lecture	3
Dr. K. Ravinder	III	Lecture	1
Dr. Ravi Shekhar	III	Studio	3

Sh. Tarun Songra	III	Studio	3
Sh. Sairam Dasari	III	Studio	3
Sh. Yash Pal Sachdeva	III	Studio	3
Sh. D. Sanyal	III	Studio	3
Dr. L.R. Kadiyali	III	Studio	5
Dr. S. Velmurugan	III	Studio	3
Sh. Anupam Vibhuti	III	Studio	3
Dr. K. Ravinder	III	Studio	3
Sh. A.S. Lakra	III	Studio	3
Sh. Piyush Kansal	III	Studio	2
Sh. Dilip Dixit	III	Studio	3

#### Jan. to May 2015

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Dr. L.R. Kadiyali	II	Highway Planning & Design TPC-4	2
Sh. Y.P. Sachdeva	II	Studio	3
Ms. Nimisha Pal	II	Studio	3
Sh. Shubojit Lahari	II	Studio	3
Sh. Sharad Mohindru	II	Studio	3
Sh. Sairam Dasari	II	Studio	3
Sh. Tarun Songra	II	Studio	3
Ms. Vaishali	II	Studio	6
Mr. Saurabh Singh	II	Studio	3
Mr. Bhanu	II	Studio	3
Sh. Anupam Vibhuti	II	Studio	4
Dr. G.C. Tripathi	IV	Project Formulation & Appraisal	3
Mr. Amit Bhatt	IV	Thesis	6
Dr. D. Sanyal	IV	Thesis	6
Dr. K. Ravinder	IV	Thesis	6

Mr. Ravi Shekhar	IV	Thesis	6
Mr. Pawan Kumar Singh	IV	Thesis	6
Ms. Vaishali	IV	Thesis	6
Dr. Anvita Arora	IV	Thesis	6
Dr. S. Velmurugan	IV	Thesis	6
Ms. Kanika Kalra	IV	Thesis	6
Dr. Anuradha Shukla	IV	Thesis	6
Sh. Piyush Kansal	IV	Thesis	6
Dr. E. Madhu	IV	Thesis	6
Dr. S.M. Sarin	IV	Thesis	6
Sh. A.S. Lakra	IV	Thesis	6
Sh. Anil Shukla	IV	Thesis	6
Ms. Nimisha Pal	IV	Thesis	6
Dr. Devesh Tiwari	IV	Thesis	6
Dr. L.R. Kadiyali	IV	Thesis	5
Sh. Yash Pal Sachdeva	IV	Thesis	6
Sh. Samir Sharma	IV	Thesis	6

**(b) Details of Special Lectures undertaken in the Department**

Name of the	Semester	Topic Expert	Date
Mr. Nikhil Saxena	II	LIDAR Technology (Traffic Engineering)	Feb. 2015
Mr. Harikrishan Gopalnambiar	II	Road Side Amenities (Highway Planning and Design)	March 2015

**8. Department's involvement in inter-disciplinary programs in other departments and organizations**

- I. The faculty of the department participated in the First Semester M.Planning Integrated programme which is multi disciplinary in nature with inputs from faculty from other specialised planning departments
- II. Prof Sanjay Gupta and Prof P.K Sarkar participated in the World Bank UNDP GEF SUTP capacity programme in Urban Transport for ULB's officials throughout the country for IUT on behalf of MoUD, GOI

- III. The faculty of Department participated in training programmes for government officials on Urban Transport organised by IIPA,NIDM, IRTE, NITIE etc.
- IV. The faculty of Department also participated in delivering lectures at TERI, ITPI, etc as part of the institutes academic programmes

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

Semester/Year	Project Title/Topic	Description
Second	i) Transport Plan for Gwalior	The aim of the study was to prepare a transport plan for Gwalior. Based on field studies undertaken by the students and its analysis different travel demand models were developed using CUBE software. Alternate urban development scenarios were evolved for 2035 based on which two alternate transport plans were formulated for the city.
Third Semester Planning Stream (Prof. Dr. Sanjay Gupta, Studio Director)	i) Planning for a Greenfield Airport at Agra	The aim of the study was to prepare transport master plan for a Greenfield airport at Agra. Based on various field studies and secondary data analysis traffic forecast at proposed site was carried out. Land requirements for airport (airside and landside) were assessed. Alternate layout plans developed were evaluated based on traffic simulation using VISSIM software.
	ii) Planning for a multi-modal Logistics park at Rewari	The aim of the study was to prepare a transport master plan for Multi- modal Logistics Park (MMLP) at Rewari. Based on field studies and secondary data on container traffic future traffic to be handled at proposed site was estimated. Land area was assessed for various activities. A conceptual layout plan was proposed for 50 ha. (Phase I) with three dimensional visualization plan.
Engg. Stream (Dr.Sewa Ram, Studio Director)	i) Design of Multi-modal transport interchange at Dwarka, delhi	The aim of the study was to design multi-modal transport interchange integrating existing metro terminal, proposed ISBT and Railway terminal at

		Dwarka sector 21. Interchange provided transfer of passenger from one mode to other in acceptable interchange parameters.
	ii) Design of alignment of mono rail from Gita Nagar to Troilokpuri , Delhi	The aim of the study was to design alignment based on the traffic prediction, ground conditions. Horizontal, vertical alignment along with station design and circulation was prepared.
Economics and Management Stream (Prof. P.K. Sarkar, Studio Director)	i) Traffic Management Plan, A case Study, New Friends Colony, New Delhi	A comprehensive traffic management plan was prepared for New Friends Colony by undertaking various studies and subsequently traffic management's techniques through the measures of creation of off-street parking facilities, development of bye-pass road, re-routing of public transport routes coupled with synchronization of traffic signals were adopted to work out various alternatives. Finally best alternative was selected for implementation by Resident Welfare Association of New Friends Colony.
	ii) Parking Management Plan for HUDA Metro Station Using ITS	In order to develop an efficient parking management plan at HUDA metro station, a Detailed Project Report was prepared aiming at developing an efficient parking management that was developed using Intelligent Transport System. It results in generation additional parking supply along with efficient handling of parking through variation of parking charges. This study finally dealt with undertaking a detailed economic and financial analysis to provide sufficient justification of developing ITS based parking management system.

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

Roll No.	Name of the Student	Thesis Topic
TP/516	SujathanathVantimitta	Demand Assessment for IPT in Urban Areas
TP/517	Thoyyeti Siva Teja	Environmental Consideration in Assessing L.O.S. of a Signalized Intersection
TP/518	Ann George	Planning & Design for Bicycle Facilities in Institutional Areas
TP/519	Hemant	Traffic Flow Behaviour at Uncontrolled Intersections.
TP/521	Ashish Sharma	Regulating Extraneous Freight Traffic in Delhi Using ITS
TP/523	Komaravellishiva Narayana	Capacity of Urban Arterial Road (Four Lane Divided and Undivided)
TP/524	RevathyPradeep	Capacity of Roundabout in Mixed Traffic Conditions
TP/525	Rahul Rajput	Road Safety Analysis on Arterial Corridor- Case Study Mathura Road, New Delhi
TP/526	Sharmistha Roy	Revitalization Strategies for Urban Circular Railway System in Metropolitan City-Case Study Kolkata
TP/527	Nitya Jain	Study of Pedestrian Behaviour and Pedestrian LOS at Signalized Intersection.
TP/528	RamyaSithara Giduthuri	Public Transport Development Strategies for Emerging Metropolis-Case Study NOIDA
TP/529	Aleti Upendra Kumar	Evaluation of Multimodal Interchange from Users Perception
TP/530	Sharad Yadav	Enhancing Road User Safety using ITS
TP/531	Anurag Bora	Evaluation of Dynamic PCUs of Roundabout
TP/532	Ganivada Chiranjeevi Ramprasad	Traffic Impact Assessment for Proposed Residential Redevelopment in Metropolitan Cities.
TP/533	Baveena K.V.	Sustainable Urban Freight Distribution for Metropolitan City (Case Study Kochi)
TP/534	Anannya Das	Planning for First and Last Mile Connectivity for Mass Transit Users in Metropolitan City
TP/535	Arvind Manickam	Formulating Accident Cost for Roads –Case Study Delhi
TP/536	Sandhya Dameniya	Smart Growth Strategies for Sustainable Mobility in Urban Areas (Case Study Delhi)

TP/537      Vanlalnghaka      Congestion Management in Hilly Areas, Case Study  
Aizwal

# **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
2010-11	Amit Arora	Impact of land use, socio economic conditions and availability of transport systems on travel behavior at neighborhood level	Prof. Sanjay Gupta	Part Time
2012	Sh.Amit Kumar Jain	Easing Peak House Traffic Congestion of Metro rail through Demand and supply Management strategies	Prof. P.K. Sarkar	
2012	Ms. Anjali Goyal	A new Investment Model for High Speed Rail in India	Prof. P.K. Sarkar	
2013-14	Bhaskar S.Gowd	Driving behavior and its effect on capacity of roundabout	Dr.Sewa Ram Dr.P.K.Sarkar	Part Time
2013-14	Suhail Ali Khan	Benchmarking Performance of Multimodal Integrated Public Transport Interchanges	Prof. Sanjay Gupta	Part Time
13-14	Mayank Dubey	Traffic Flow at Merging and Diverging section.	Dr. Sewa Ram	Full Time
2014-15	Chidambra	A comprehensive approach to last mile connectivity for public transport system	Prof. Sanjay Gupta	Part Time
2015	Ammu G	Composite level of service for signalized Intersection	Dr. Sewa Ram and Prof. Dr. P.K.Sarkar	

## **12. Research thrust areas of the Department**

- Intelligent Transport System
- Highway Capacity
- Soft Computing in Transport Modeling
- Climate change and urban transport
- Urban Freight Logistics

- Sustainable Transport and Inclusive Mobility
- Smart Growth and mobility management
- Land Use Transport Planning
- Public Transit System and NMT Planning
- Multi-modal interchange Planning
- Transport Infrastructure Design
- Road safety and environment

### 13. Completed/ongoing research projects in the Department

Name of the Project and Sponsoring Agency	Name of Team Leader/ Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
Indo-Highway Capacity Manual, CSIR – CRRI	Prof. Dr. P.K Sarkar Prof. Dr. Sanjay Gupta Dr. Sewa Ram Dr. Vinay Maitri Sh. Bhaskar Gowd Sudagani	Capacity Standards for Urban Roads, Roundabout and pedestrian facilities (ongoing)	Rs. 100.45 lakhs
CLIMATRANS, Norway Research Council	Prof. Dr. Sanjay Gupta (Leader)	Urban Transport and climate change modeling through policy scenario building; risk assessment, mitigation and adaptation strategies (Ongoing)	685,000 NOK spread over 2014-17
Toolkit on Urban Urban Freight Toolkit for decision makers / policy planners Freight Transport Planning – IUT India	Prof. Dr. Sanjay Gupta (leader) Dr. Sewa Ram	Toolkit for decision makers, policy planners (ongoing)	Rs. 12 lakhs

### 14. Details of consultancy projects undertaken by Department

Name of the Project and Sponsoring Agency	Name of Team Leader/ Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
Corridor Improvement Plan for M.G Road, Agra (PWD Agra)	Dr. Sewa Ram (leader) Prof. Dr. Sanjay Gupta	Planning, design and management of Corridor. (FR submitted)	Rs. 22.0 lakhs
Transport Demand Modeling for Ahd.- Dholera metro (RITES)	Prof. Dr. Sanjay Gupta (Leader) Dr. Sewa Ram	Modeling and estimation of metro ridership on proposed Ahmedabad – Dholera corridor (FR submitted)	Rs. 4.75 Lakhs

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**Publication of Book/Chapters in Books**

**Prof.Dr. P.K. Sarkar**

- Book on ' Transportation Planning; Principles Planning& Practices “ 2015, Published by PHI Publishers, Jan, 2015
- Two Chapters in book “ CITIES , The 21st Century INDIA” edited by Satpal Singh, March, 2015
- -Section-1 “Urbanization to be process of sustainable development”
- -Section-4 “Asystem approach to Urban Transport Planning”

**Publication of Papers**

**Prof. P.K. Sarkar**

- Traffic Noise Studies on Arterial And Collector Road in Delhi, India, International Journal of Structural of Civil Engineering Research,(ISSN 2319 – 6009, Vol.-3 No.2, May 2014
- A study of Noise & Development of Traffic Noise Annoyance Models, Journal of Transportation Technologies, 2015, 5, 185-190.
- A Review of Traffic Noise Standards and Noise Models, STM Journal ,ISSN: 2394-7284 Vol. 1, Issue 1, 2014
- Road safety in developing country, Journal of Civil & Environmental engineering ,USA, 2014,
- Estimation of capacity for Multi-Lane Divided National Highway in India, IRC Journal , Oct-Dec. 2014
- Evaluation of Public transport Policies by developing mode choice modal using Fuzzy Logic Technique, Highway Research Journal, Dec. 2014
- Planning of Skywalk at an Institutional Area, Study Area: ITO, I.P Estate -Delhi, Indian Highways, May 2015

**Dr. Sewa Ram**

- Capacity of weaving section , IUT Research journal ISSN
- Pedestrian behavior at mid- block uncontrolled crossing, IUT research journal, ISSN

**16. Details of other publications made by regular faculty of the Department**

**Prof. Dr. P.K. Sarkar**

- Theme on “Industry Academia Collaboration” published in the Seminar on Industry Academia Collaboration for Engineering Excellence, 13th Sept. 2014, New Delhi

**Prof. Dr. Sanjay Gupta**

- Published block modules in chapter on “Transport Planning and Policy” as a lead writer for Institute of Rail Transport (IRT), India as part of its course material on MBA in Integrated Logistics for Val-tech University, Chennai (copyrights with IRT)
- Published a chapter on “Transport Planning” in the report on Status of Traffic Management in India prepared by Institute of Road Traffic Education (IRTE) sponsored by Ministry of Home Affairs, GOI, Aug. 2014
- Published an issue of ‘Urban Transport Journal’ in the capacity as Chairman, Publication Committee of the Institute of Urban Transport, India, Sep. 2014

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Prof. Dr. P.K. Sarkar**

**International Committees**

- Member ARSC2015 Reviewers Committee, Australia
- Member of the Scientific Core Committee of World Road Congress
- Member of Technical Committee of International Road Federation

**National Committees**

- Member, Assessment Committee, Council of Scientific Research, New Delhi
- Member of Assessment Committee, Central Road Research Institute
- Member, Technical Committee H8 on Urban Roads, Indian Road Congress, New Delhi
- Member of Evaluation Committee of DMIC Corporation, Govt. of India
- Member of Implementation, Monitoring and Research Activities Committee of IRC, New Delhi.
- Member of Highway Research Committee (HRB) of IRC
- Member of Highway Specifications and Standards Committee of IRC

**Any Other**

**Membership of Professional bodies**

- Member of International Road Federation (IRF)
- Member, Regional Science Association, India
- Fellow of Institution of Surveying, India
- Life Member of Rail Transport

- Life Member of ITPI, India
  - Member of Indian Road Congress
- vii) Member of Institute of Urban Transport

#### **Other committees**

- Reviewer in Publication Committee at Indian Road Congress
- ARSC2015 Reviewers Committee, Australia

#### **Prof. Dr. Sanjay Gupta**

#### **International Committees**

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

#### **National Committee**

- Member, State Level Expert Appraisal Committee (SEAC), Department of Environment, Govt. of Delhi
- Member, Selection Committee Jury for National Awards in Urban Transport (2015), Ministry of Urban Development, GOI
- Member, Technical Monitoring Committee UNDP sponsored GEF-SUTP, Ministry of Urban Development GOI
- Member, Evaluation Committee, Institute of Town Planners, India
- Expert Member, Recruitment and Remuneration Committee, Institute of Urban Transport (I)

#### **Editorial Boards**

- Chairman, Publication Committee, Institute of Urban Transport (I)
- Member, Editorial Board of Spatio-Economic Development Record (I)
- Member, SPACE journal, School of Planning and Architecture, Delhi

#### **Any Other**

#### **Membership of Professional bodies**

- 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 Behaviour Research (IATBR)
- Member, World Society for Transport and Land Use Research (WSTLUR)
- Life Member, Institute of Urban Transport (India)
- Member, Chartered Institute of Logistics & Transport (India)
- Life Member, Indian Roads Congress
- Life Member, Institute of Rail Transport, India
- Member, Research Board, Institute of Urban Transport (India)
- Member, Indian Society of Remote Sensing (ISRS)
- Life Member, Association for Transport Development, India
- Member, Regional Science Association, India
- Member, Indian Institute of Public Administration (IIPA)

#### **Dr. Sewa Ram**

##### **National Committees**

- Member, Panel for promotion of Technical staff, CSIR- CRRRI Delhi.
- Member, Project Evaluation Committee ,CSIR -CRRRI Delhi

##### **Any Other**

##### **Membership of Professional bodies**

- Associate Member, Institute of Town Planner, India
- Life Member, Institute of Urban Transport (India)
- Life Member, Indian Roads Congress
- Life Member, Institute of Rail Transport, India
- Member, Indian Society of Remote Sensing (ISRS)

#### **18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

##### **a) Exhibitions**

- The Department participated in the student's work exhibition organized by school during School's Annual Convocation Day

**b) Seminars/Workshops**

- i) Organized a Workshop on ‘ Making Auto-Rickshaw Users Friendly using ITS, SPA , 2nd June, 2015

**19. Seminars or workshops attended by the faculty of the Department**

**Prof. Dr. P.K. Sarkar**

**International Conferences/Workshops/Seminars (Held outside India)**

- International Conference on Road Safety scenario in India and way forward, New Delhi 29-30 Nov, 2014

**National Conferences/Seminars/Workshops**

- Presentation on transportation problems, issues and solutions for Delhi at a Workshop on towards a Holistic Approach to City Planning on 8th April, 2015 organized by SPA, Delhi. (Photo to be Attached)

**Presentation of Papers**

- Presentation on “Development of Level of Service and Warrants for Pedestrian Traffic held in Bhubaneshwar, at IRC Council ,Odisha, (19-23).
- Presentation of Discussion Paper at IRC on” Estimation of capacity for Multi-Lane Divided National Highway in India”, IRC Annual Session, Odisha, (19-23).
- Presented a paper on “A Review of Transit Oriented Development in North America and Asian Cities at Seminar on Transit Oriented Development “organized by ITPI, Delhi, 6th Sep. 2014.
- Presented a Paper on “Industry Academia Collaboration” in the Seminar on Industry Academia Collaboration for Engineering Excellence, 13th Sept. 2014, New Delhi

**Chairperson/Member of Panels**

- Panel Member at Hindustan Times Summit, Nov. 21-22, 2014
- Member in the panel discussion at Hindustan Times on Delhi Transport, Sep. 2014
- Chairman in Research symposium on UMI conference, Nov. 2014, IUT New Delhi
- Chairman of Inquiry Committee, SPA New Delhi
- Member in the Recruitment and Assessment/Promotion Panel at CRRI & CSIR

**Invited Panelists/Experts/jury Member**

- Jury Member to conduct thesis examination for M. Tech Thesis at SVNIT Surat, July 2014
- Jury Member to conduct examination for B. Plan. students at SPA, Vijayawada 17-18 May, 2015

**Lecture Talks**

- Delivered number of lectures on Road Safety at National Academy of Highway Research.
- Delivered lectures on ITS-Toolkits at IUT, Ministry of Urban Development in Delhi
- Delivered lecture on parking policies as a part Sustainable Transport Programme at IUT
- Delivered lecture on Travel Demand Management on Sustainable Transport Programme organized by IUT at Bhopal.
- Delivered a key note address on Sustainable Transport Systems in India at 2nd Conference on Transportation Systems Engineering and Management (CTSEM) 1-2 May, 2015
- Delivered a lecture on the subject of Comprehensive Mobility at Integral University, Lucknow, 2015

**Participation Only**

- Third National Review workshop of Indo-Highway Capacity Manual at CRRI in May, 2014
- Regional Workshop on Indo-Highway Capacity Manual at IIT, Guwahati, Assam in Sep, 2014
- Third National Review Workshop of Indian Highway Capacity Manual, RIHCAM 2015 at Surat, 20-22 February, 2015
- Workshop on Sustainable Transport for Sustainable Cities, Urban Mobility India Conference & Expo 2014, Delhi, 25-28th November, 2014
- 2nd Conference on Transportation Systems Engineering and Management (CTSEM) on 1-2 May, 2015 organized by Department of Civil Engineering, NIT Tiruchirappalli.
- Attended a workshop on Road Safety conducted by World Bank at IIT Delhi, 22nd May, 2015.
- Attended a Conference on Operation, Maintenance and tolling in Road Sector on 30th October, 2014.
- Attended a workshop on Transport organized by Sweden Embassy 18th November, 2014.
- Attended a workshop on Application of PTV Software 24th November, 2014.
- Attended a demonstration on the use of Map Info. Software at CASS, SPA 10th December, 2014.

**Prof. Dr. Sanjay Gupta****International Conferences/Workshops/Seminars (Held outside India)****Presentation of Papers**

- Invited to present a paper on “Characteristics of agri- retail logistics in metropolitan city of Delhi, India” at the International Conference CODATU XVI 2015, Istanbul, 2nd -5th Feb. 2015

- Invited as an expert by UNESCAP to deliver two lecture presentations on (i.) Integrated National Transport Planning and Institutional Coordination and (ii) Air Transport and Policy Formulation “at the National Stakeholder Consultation and Capacity Building Workshop on ‘Development of Sustainable and Inclusive Transport Policy for Bhutan’, Thimpu, 9th - 10th April 2015.
- Invited for a three day brainstorming workshop on CLIMATRANS research project as its project coordinator from SPA at the Institute of Transport Economics, Oslo Norway, 22nd -24th June 2015

### **National Conferences/Seminars/Workshops**

#### **Presentation of Papers**

- Presented a paper on “Regional Rail Rapid Transit System as a key driver for Transit Oriented Development in NCR” at Seminar on Transit Oriented Development in NCR organized by ITPI, Delhi, 6th Sep. 2014
- Presented a paper on “Integrated Land use-Transport Policy Imperatives for Indian Cities- Challenges and Opportunities“ at International Congress on Urban Futures 2014, organized by Indian Institute of Science (IISc), Bangalore, 6th Nov. 2014
- Presented a paper on “Land Side Traffic Simulation of a Proposed Greenfield International Airport at Agra” organized by Sunovatech at PTV Annual user Group Meeting, Delhi , 7th Nov 2014
- Presented a paper on “ Freight Generation Characteristics in Metropolitan City of Hyderabad”, UMI 2014 conference organized by MoUD, Delhi, 26th Nov. 2014
- Presented a paper on “Planning Strategies For Low Carbon Mobility on a proposed Special Economic Zone (SEZ) In Kochi” UMI 2014 conference organized by MoUD, Delhi, 26th Nov. 2014
- Presented a paper on “Safe Access Imperatives” as part of CONNECT Karo Annual Conference of EMBARQ, Delhi ,2nd April 2015
- Presented a paper as an invited expert on “Urban Transport and Mobility Perspectives with special reference to Srinagar”, at Workshop on Srinagar Master Plan organised by Srinagar Development Authority, Srinagar, 24th May 2015
- Presented a paper on “Coping with Climate: Assessing Policies for Climate Change Adaptation and Transport Sector Mitigation in Indian Cities : Special Reference to Delhi”at Stakeholders Workshop on CLIMATRANS project, organised by SPA and TERI, Delhi , 3rd June 2015

#### **Chairperson/Member of Panels**

- Invited as Round Table session moderator on “ Urban Freight: Role and Impact on Urban Transport” at Urban Mobility India 2014 International Conference, New Delhi , Nov. 2014

**Participation Only**

- Workshop to mark the World Remembrance Day for Road Accident Victims, at the Road Safety Hall of Nations, College of Traffic Management, Faridabad, NCR Delhi, November 16, 2014.
- Workshop on “Land Use–transport Integration for Sustainable Urbanism ” funded by Shakti Foundation., Delhi, 25th March 2015
- Workshop on CONNECTKaro, organized by EMBARQ, New Delhi, 15 -16 April 2015
- Stakeholder workshop on CLIMATRANS project organized by IISc. Bangalore, Bangalore, 28th May 2015

**Invited Panelists/Experts/jury Member**

- Invited as jury member in Selection Committee for best award in Urban Transport, MoUD GOI, Delhi, Nov.2014
- Invited as an expert at interactive Workshop on “Leaders Programme in Urban Transport Planning and Management”, Delhi , 27th Nov. 2014
- Invited as an examiner for evaluation of M. Phil. thesis at IIPA, Delhi, March 2015
- Invited as an examiner for Masters students thesis evaluation at CEPT University Ahmedabad , April 2015
- Invited as jury member for award of best papers presented at “Transportation Young Researchers Symposium (TYReS)” , NIT Warangal, 11th -12th May 2015
- Invited as a panelist at Smart City India 2015 conference, organized by SPA Delhi, 20th May 2015. Also delivered a talk on Smart mobility imperatives for Indian Cities

**Lecture Talks/presentation**

- Delivered guest lectures on Transport Planning and Public Transport Planning as part of M.Tech course on Urban Development and Management programme at TERI University, Delhi, June 2014
- Delivered talk on “ Urban Transport Planning Policies with reference to Hill Towns”, to officials of Mizoram government as part of capacity training programme, IIPA ,Delhi , 21st Aug. 2014
- Delivered talk on “ Transit Oriented Development “ to government officials as part of capacity training programme, IIPA ,Delhi , 29th Aug. 2014
- Participated as resource faculty for delivering lecture talks on “Urban Transport Planning” to officials of the government as part of the capacity building programme on Sustainable Urban Transport Project (SUTP) of the Ministry of Urban Development (MoUD), GOI at Delhi, 8th Dec. 2014

- Delivered guest lectures on Transport Planning and Public Transport Planning as part of M.Tech course on Urban Development and Management programme at TERI University, Delhi, Jan. 2015
- Delivered a talk on “Urban Transport and Climate Change – Policy Challenges for Indian Cities, Case of Delhi” at Delhi Sustainable Development Summit, Delhi , 8th Feb. 2015
- Participated as resource faculty for delivering lecture talks on “Urban Transport Planning” to officials of the government as part of the capacity building programme on Sustainable Urban Transport Project (SUTP) of the Ministry of Urban Development (MoUD), GOI at Jaipur ,10th Feb 2015
- Delivered a talk on “Advances in Transport Planning and Emerging Areas of Research “ at the Transportation Young Researchers Symposium (TYReS) , NIT Warangal, 11th - 12th May 2015
- Delivered a talk on “Coping with Climate: Assessing Policies for Climate Change Adaptation and Transport Sector Mitigation in Indian Cities – Special Reference to Delhi“ at Stakeholders Workshop on CLIMATRANS project, organised by SPA and TERI, Delhi , 3rd June 2015

#### **Dr. Sewa Ram**

##### **International Conference/Seminar/Workshop**

##### **Presentation of Papers**

- Presented paper on ‘Performance indices of roundabout in heterogeneous traffic condition’, TRB International conference on roundabouts, Seattle, U.S, April 13-15, 2015

##### **National Conferences/Seminars/Workshops**

##### **Presentation of Papers**

- Presented a paper on “Gurgaon traffic problems and issues “ Gurgaon, Haryana, 2014
- Presented a paper on “Simulation at roundabout” organized by Sunovatechat PTV Annual User Group Meeting, Delhi , 7th Nov 2014
- Presented a paper on “Transport problems and solution for Agra’ , organized by SPHEEA , Agra December 22nd 2014

#### **20. Courses and training programs attended by the faculty of the Department**

Nil

#### **21. Awards or recognitions received at the national and international level by the faculty, and students**

##### **Prof. Dr. P.K. Sarkar**

- Awarded Bihar PWD Medal for best Research Paper, Personalized Rapid Transit System – an approach towards solving urban transport problems, a case study of Gurgaon city,

Haryana, at the 75th Annual Session in Indian Road Congress, held in Bhubhaneshwar, Odisha.

**Prof. Dr. Sanjay Gupta**

- Appointed Visiting Professor at the Institute of Transport Studies, Leeds University, Leeds (U.K)
- Appointed a member of State Level Expert Appraisal Committee (SEAC) , Delhi by the Ministry of Environment, Forests and Climate Change, GOI and Department of Environment, NCTD vide gazette notification dated 1st April 2015

**Dr. Sewa Ram**

- Awarded Bihar PWD Medal for best Research Paper, Personalized Rapid Transit System – an approach towards solving urban transport problems, A case study of Gurgaon city, Haryana, at the 75th Annual Session in Indian Road Congress, held in Bhubaneshwar, Odisha.

**22. Internal and external members of the Board of Studies**

**Members**

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

**23. Internal and external members of the Departmental Research Committee**

**Members**

- Prof. Dr. P.K. Sarkar (HOD TP Department, SPA Delhi)
- Dr. S. Gangopadhyay (Director, CRRI)
- Dr. P.K. Sikdar (Senior President ICT Pvt. Ltd. New Delhi)
- Dr. Sanjay Gupta (Professor TP Department, SPA Delhi)
- Dr. Sewa Ram (Associate Professor TP Department, SPA Delhi)

**24. Prominent visitors to the Department of studies**

Nil

**25. Details of activities under various MOUs during the reporting year**

- Capacity building programme on conducting ITS training initiated jointly by Transport Planning Department, SPA with HBSS, USA.

## **26. Details of ‘beyond syllabus scholarly activities’ of the Department**

- The Department of Transport Planning is presently engaged in two prestigious research projects, namely preparation of Indo-Highway Capacity Manual for India in association with seven leading academic institutes in India and Indo- Norway CLIMATRANS project related to climate change adaptation and mitigation in context of urban transport sector for three Indian Cities jointly undertaken with three premiere institutions in India besides Norwegian research institutes.

## **27. Any other information**

### **Prof. Dr. P.K. Sarkar**

- Interacted with the print and TV Media on transportation problems and issues in India in general and Delhi in particular. The media includes Hindustan Times, Times of India, The Hindu, Nav Bharat Times, Zee News and CNN IBN etc.
- Reviewed technical papers for peer reviewed international journals, Indian Road Congress journal
- Reviewed several technical papers for conferences in India such as UMI 2014 (IUT, MoUD), RATE 2015 (SVNIT Surat)
- Reviewed paper at road safety conference organized by Australian Road Safety Conference, Australia.
- Responsible of guiding and monitoring the landmark project of the country i.e. preparation of Indo-Highway Capacity Manual as a Regional Coordinator.
- Responsible for evaluation and selection of number of consultants and projects related to Delhi-Mumbai Industrial Corridor.

### **Prof. Dr. Sanjay Gupta**

- Reviewed following technical papers for peer reviewed international/national journals:
- Effect of road accessibility on spatial urban development of Lucknow Metropolis, Uttar Pradesh, India Transport Policy, for Transport Policy journal, Elsevier Press
- Binary logistic model for cannibalization estimates of mode shift into Delhi metro, for Journal of Public Transportation, Centre for Urban Transportation Research, University of South Florida, U.S
- Delhi Traffic: Global Solutions for a Local Problem, article for publication by Observer Research Foundation, New Delhi
- Reviewed several technical papers for conferences in India such as UMI 2014 (IUT, MoUD), CTRG 2015 (TRG India), TYreS 2015 (NIT Warangal), RATE 2015 (SVNIT Surat)
- Acted as mentor on three projects carried out by mid and senior level transport professionals from govt. under the capacity building program “Leaders in Urban Transport Planning and Management” as part of SUTP project of the Ministry of Urban Development, Government of India. These projects were:-

- Reducing Congestion in & around the Main Railway Station at Nagpur
- Operation of E-rickshaws in Delhi
- Transport Network and Parking Facility : case Study of Ghaziabad

#### **Dr. Sewa Ram**

- Reviewed papers for conferences in India such as UMI 2014 (IUT, MoUD), TPMDC 2015, RATE 2015
- Acted as mentor on one project carried out by mid and senior level transport professionals from govt. under the capacity building program “Leaders in Urban Transport Planning and Management “ as part of SUTP project of the Ministry of Urban Development, Government of India





Prof. Sanjay Gupta participating in CLIMATRANS project discussion at Oslo, Norway, June. 2015



Outgoing students of Transport Planning Department during 32nd Convocation of SPA, Delhi

## 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 Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Ranjit Mitra	PG Diploma in Urban Design	Professor and HOD	Urban Design	41 years	Retired on 30 Sept. 2014
Arunava Dasgupta	M.Arch (Urban Design)	HOD In-Charge and Associate	Urban Design	28 years	HOD In-charge since 1st Oct 2014
Manu Mahajan	M.Arch.(Urban Design) M.Sc., (Dev. and Planning)	Professor Assistant Professor	Urban Design	15 Years	

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Ranjit Mitra	1	History of Urban Space (L)	2
	1	History of Urban Space (S)	2
	3	Design Studio – III	8
Manu Mahajan	1	Site Planning (S)	4
	1	History of Urban Space (S)	2
	3	Design Studio-III (T)	2
	2	Design Studio –II (ST)	8

	2	Reading the City (S)	2
	3	Design Studio –III	8
	4	Design Thesis (S)	8
	3	Design Studio-III (R)	1
Arunava Dasgupta	1	Design Studio – I	8
	1	Urban Design Methodologies (L)	2
	2	Design Studio – II	8
	2	Reading the city-1 (L)	2
	3	Reading the city-2 (L)	2
	3	Design Studio – III (T)	2
	4	City Futures (S)	2

\*- Permanent Faculty serving as Professor in Department of Architecture

#### 6. 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
Manu Mahajan	V Year-First Semester	Department of Architecture- Seminar	1

#### 7. (a) 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
Ujan Ghosh	1	Design Studio – I (ST)	8
	2	Design Studio – II(ST)	8
Nishant Lal	2	Design Studio(Research)	2
	1	Design Studio – I (ST)	4
	1	Design Tutorial & Workshop	4
	4	Design Thesis Tutorial	4
Paramvir Virdee	1	CAUD (ST) (L)	3

Kanu Kartik Agarwal	3	Imagining Cities (L and T)	3
	2	Imagining Cities (L and T)	3
	1	Imagining Cities (L and T)	3
	4	Imagining Cities (L and T)	3
Rwitee Mandal	1	Design Tutorial & Workshop	4
	2	Design Tutorial(T)	4
	4	City Futures (L)	2
Suneet Mohindru	1	Site Planning (L)(ST)	5
Vikas Kanojia	1	Site Planning (ST)	4
Sanjay Karvinde	3	Design Studio – III (ST)	8
	4	Design Thesis (ST)	8
Vandini Mehta,	3	Reading the City	6
Shiv Prasad Singh	3	Real Estate (L) (ST)	3
Mriganka Saxena	1	Urban Design Methodologies(L)	2
	1	Urban Design Methodologies(R)	1
AishwaryaTipnis	3	Urban Renewal & Conservation (L) ( S)	3
Marisha Sharma	3	Techniques of Sustainable Development & EIA(L)	2
Divya Chopra	2	Design Tutorial (T)	4
	1	Design Tutorial (T)	4
	3	Reading the City ®	2
Anurag Chowfla	1	Design Studio I	4
	4	Design Thesis Studio IV	8
Tina Bali	1	Site Planning	4
K T Ravindran	3	Design Studio III	4
	4	Design Studio IV	4
Abhimanyu Dalal	4	Design Thesis Studio IV	8
Shehnashu	4	Electives (L)	3
Mukherjee			

Tanaji Chakravarty	4	Project Planning & Finance for Urban Design	2
Aparna AshKanojia	4	Project Planning & Finance for Urban Design	2
Sudipto Ghosh	4	City Futures Reaearch/S	4
Soumi Nandi	4	Design Thesis Tutorial	4
	2	Design Studio – II	4
Mansi Kataria	4	Design Thesis Tutorial	4
Rinki Sarkar	2	Reading the City	2
Amit Hajela	2	Electives (Tutorial)	3
Rajender Singh	2	Design Studio – II	4
Anvita Arora	2	Transport Planning for UD	2
B. Mishra	2	Planning Tools for UD	2
Manas Murthy	2	Design Tutorial/ Reading the City(Seminar)	6
	2	Design Studio(Research)	2
Ritu Verma	2	Reading the City (Research)	2
Rajiv Bhagat	2	Design Tutorial	4

**(b) Details of Special Lectures undertaken in the Department**

Name of the Expert	Semester	Topic	Date
Mr. Sourav Banerjea and Ms. Amrita Dasgupta	II	Info-graphics and Visual Representation of cities	17.02.2015
Ms. Jasmine Saluja and Ms. Oormi Kapadia	IV	Dharavi community land trust	30.03.2015
Zaha Hadid's work by Mr. Subharthi Guha.	II and IV	An Urban Paradigm	15.01.2015

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

- Faculty drawn from other departments of Architecture, Building Engineering and Management, Urban Planning for teaching specialized subjects

- Every semester students are given an elective option to attend module/subject from other departments of the School
- First Semester joint studio program with Department of Architectural Conservation, Landscape Architecture and Industrial Design

## 9. Semester-wise 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 pairs of Metro Station Precincts have been selected along the North-South Metro Line- Dilshad Garden-Jhilmil Colony, Keshavpuram-Netaji Subhash Nagar, Rohini-Rithala, Shashtri Park-Seelampur, Tis Hazari-Pul Bangash
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 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.	For past five years, Department is studying Capital Cities. Present year City was Hyderabad
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 5 years, Department is taking up wards of Delhi. This year four wards- Turkman Gate, Ballimaran, Sita Ram Bazaar and Idgah were taken up for Local Area Plan and Design.

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

<b>Roll No.</b>	<b>Name of the Student</b>	<b>Thesis Topic</b>
UD/645	Sovan Saha	Economic Regeneration through inner city restructuring
UD/646	Divya Bansal	Reviving neglected natural networks to integrate fragmented neighborhoods
UD/647	Ananta Ganjoo	Urban Design Initiatives for informing real estate values in Sensitive areas of the city
UD/648	Ann Jacob	Enquiry of publicness in Connaught place precinct
UD/649	Prakriti Mehta	Designing for the first entrant to the city- migration to industrial areas.
UD/650	Noel V Johnson	An inclusive model for development around I.T parks in city peripheries.
UD/651	Sarfraz Syed Yaseen	Water sensitive Urbanism, Coimbatore , Tamil Nadu,
UD/652	SubhraKar	Examining the notion of modernity in colonial precincts.
UD/653	B. Sandeep Sharma	Strengthening public space networks in a transitional Urban Core
UD/654	Apoorv Garg	Flexibility as a variable in the Urban Development Framework for Indian cities.
UD/655	Manas Kanti Maji	Re-looking at inner city re-development trends in government properties.
UD/656	Surya Srinivas Boddu	An Urban Design Approach for Small town Urbanism: Nexus between villages & cities.
UD/657	Anamika Kalathingal	Impact of mega city events on cities: Port town city of Kochi
UD/658	Chinnu S Kumar	Ecological Modernity on urban agrarian frontiers:caseKalpetta, Wynad
UD/659	Shrish R Jaiswal	Reviving eastern waterfront of Mumbai.
UD/660	Anantha krishnan A	Reinterpretation of Port Based transformations in coastal cities of Kerela.
UD/661	Shramana Mondal	Urban Design tools to address urban safety in a crime ridden area: Case-Delhi.
UD/662	Jaswanth TejKasala	Imagining the new Urban form along movement corridors- Hyderabad
UD/663	Dhrubajyoti Sonowal	Redefining image of the city- Guwahati.
UD/664	Khusboo S Talanje	Reclaiming lost public spaces of Nagpur.

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

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
SPA/FN/Ph.D/1 07/2008-09	Claudia Roselli	Urban Art Form design and Urban Governance	Ranjit Mitra	
SPA/FN/Ph.D/1 20/2011-12	Mona Valikjazi	Construction inclusive city morphology possibilities and challenges	Ranjit Mitra	
SPA/NS/Ph.D/1 29/2012-13	Deepshree Choudhury	Environmental psychology a determinant of urban space	Ranjit Mitra	
SPA/IS/Ph.D/1 28/2012-13	Arunava Dasgupta	Settlement structure and built form transformation in urbanizing villages	Ranjit Mitra	

### 12. Research thrust areas of the Department

- Rural Urbanization
- Mobility and Urban Form

### 13. Completed/on going research projects in the Department

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/ Expected Outcomes	Total Grant/ Fee(Rs. In Lakhs)
Assessment of Built Environment and Design Directions for Future Development for Bharmour, Kalpa and Sangla Villages, Himachal Pradesh.	Arunava Dasgupta	Technical reports. Transformation of built environment and design guidelines for future development.	25 Lakh

**14. Details of consultancy projects undertaken by Department**

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/ Expected Outcomes	Total Grant/ Fee(Rs. In Lakhs)
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Nil

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**Manu Mahajan**

Paper titled 'Nodes to Progress- Delhi Mumbai Industrial Corridor' published in my liveable city, Vol II, July 2014

**16. Details of other publications made by regular faculty of the Department**

None

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Arunava Dasgupta**

**National committees**

- Heritage Advisory Committee, Govt. of Himachal Pradesh
- Member, Board of Studies, Urban Design Program, SPA Bhopal
- Founder Member and National Secretary, Institute of Urban Designers-India
- Member, Advisory Group, Urban Design Program, College of Engineering, Trivandrum

**18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

**(a) Seminars/Workshops**

- National Workshop on 'Urban Design for Urban Development' in collaboration with AILSG, Mumbai and Institute of Urban Designers, India at SPA New Delhi on 14th February 2015
- International Workshop on 'Governance and Development- Cities in Germany and India' along with University of Cologne at SPA New Delhi on 8th September 2014
- Joint Studio held at Delhi with KRVIA, Mumbai and First Semester Students of the Department, September 2014
- Joint Studio held at Mumbai with KRVIA, Mumbai and Third Semester students of the Department, September 2014

**19. Seminars or workshops attended by the faculty of the Department**

**Arunava Dasgupta**

**International Conferences/seminars/workshops**

- “Across the Metropolis: Metro as Change Catalyst,” Presentation made as speaker in ACSA International Conference on “Open Cities”, Seoul, South Korea, June 2014
- “Emerging Characteristics of Spatial Change: a cross-sectional overview of Delhi City-region,” Presentation made as invited speaker in the international workshop on Transculturality and Urban Research: Examining Everyday Urban Practices, University of Heidelberg, Heidelberg, Germany, June 2014
- “Beyond the City: Emerging Constituency and Professional Re-alignments” Presentation made as invited speaker in Built Environment, Knowledge, Praxis: Post –colonial Dialogues between India and Britain, UCL, London, May 2014

**National Conferences/seminars/workshops**

**Presentation of Papers**

- “Urban Design for City Futures,” Presentation made as Invited Speaker in International Conference on Smart Cities in India, Kolkata, March 2015
- “Urban Design for Future Cantonment Towns,” Presentation made as Invited Speaker in symposium on Issues and Challenges in Planning and Implementation of Future Military Cantonments, Fort William, Kolkata, February 2015.
- ‘Urban Design for Future Cantonment Towns,’ Presentation made as Invited Speaker in symposium on Issues and Challenges in Planning and Implementation of Future Military Cantonments, Fort William, Kolkata, February 2015.
- Invited panellist in international conference “What’s Next: Architecture and Design education”, New Delhi, November 2014

**Manu Mahajan**

**National Conferences/seminars/workshops**

**Presentation of Papers**

- ‘Local Area Planning- Experience of Urban Design Studios’ presented at National Workshop on ‘Urban Design for Urban Development’ in collaboration with AILSG, Mumbai and Institute of Urban Designers, India at SPA New Delhi on 14th February 2015

**20. Courses and training programs of attended by the faculty of the Department**

None

**21. Awards or recognitions received at the national and international level by the faculty, and students**

- Sohini Maiti and Satyajit Mal, Students of 2nd Semester, The Z-Axis Student Bursary 2015 for attending Z-Axis Conference at Goa, March 2015

## **22. Internal and external members of the Board of Studies**

### **Internal Members**

1. Prof. Arunava Dasgupta, HOD of Urban Design

### **External Members**

- |   |   |
|---|---|
| 1. Prof. K.T. Ravindran, Dean Emeritus,<br>RICS School of Built Environment   | 3. Mr. Rajeev Kathpalia,<br>Principal, Vastu Shilpa Consultants       |
| 2. Prof. Ravi Sundram, Professor,<br>Centre for Study of Developing Societies | 4. Mr. Rajendra Singh, Senior Consultant,<br>LEA Associates Pvt. Ltd. |

## **23. Internal and external members of the Departmental Research Committee**

### **Internal Members**

Ranjit Mitra

### **External Members**

1. Prof. A.G.K. Menon, Convenor, Delhi Chapter, INTACH
2. Prof. S.K. Das, Principal, SKDAS Associated Architects

## **24. Prominent visitors to the Department of studies**

- Prof. Paolo Tombesi, Chair Construction, University of Melbourne, Australia
- Prof. Christiane Brosius, Chair- Centre of Excellence, University of Heidelberg, Germany

## **25. Details of activities under various MOUs during the reporting year**

- MoU signed with University of Heidelberg, February 2014
- Preparation of Workshop on Gender and Space to be held in Delhi in October 2015

## **26. Details of 'beyond syllabus scholarly activities' of the Department**

1. Participation in research and design consultancy
2. Assistance and advice to government and private institutions on matters related to urban design teaching as well as setting up of academic programs.

## **27. Any other information**



Plenary Session at 'Urban Design for Urban Development', national workshop organized by Department of Urban Design in February 2015





Public meeting and Design Display within the community as part of 3rd Semester Studio of Urban Design



Third Semester Students at SPA-KRIVA Joint Studio,Mumbai



Final Presentation of SPA-KRIVA Joint Studio, New Delhi



MoU Signing of SPA Delhi with University of Heidelberg, Germany

## DEPARTMENT OF URBAN PLANNING

**1. Name of the Department**

Department of Urban Planning

**2. Names of academic programs offered by the Department**

- Masters with specialization in Urban Planning
- Ph.D.

**3. Year of establishment of the Department**

1955

**4. Faculty profile**

Name of the Faculty	Educational Qualification	Designation	Area of Specification	Year of Experience	Remarks, if any
Prof. Dr. Sanjukta Bhaduri	Ph.D. M. City Planning, B. Arch	Professor & Head, Department of Urban Planning	Urban Planning and Environmental Planning	28	-
Sh.M. Palaniappan	M.A. (Economics); M.Town Planning; M.Population Studies, Ph.D.(ongoing)	Assistant Professor	(Economics); M.T.C.P (Town and Country Planning); M.PS (Population)	23	-
Ms. Chidambara	M. Plan (Transport Planning) AIP;B.Plan.,	Assistant Professor	Sustainable Transport, Urban Planning, Urban Governance	14	-
Ms. Nilanjana Dasgupta Sur	M.Sc. (Geography) M.Plan. (Urban Planning),	Assistant Professor	Urban Governance, Smart Cities- Information Systems, Inclusive Planning Techniques,	12	-

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

Name of the Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. ChetanVaidya	I	Design Studio	1
Prof. Dr. P.S.N. Rao	I	Design Studio	3
Prof. Dr. Mahavir	I	Remote Sensing	0.75
Prof. Dr. P.K. Sarkar	I	Design Studio	3
Prof. Dr. Sanjay Gupta	I	Design Studio	3
Dr. Sewa Ram	I	Transport Planning (1) and Design Studio (3)	4
Prof. Dr. Vinay Maitri	I	Design Studio	3
Prof. Dr. Meenakshi Dhote	I	Environmental Planning (1) and Design Studio (3)	4
Prof. Dr. Ashok Kumar	I	Planning Theory	1.5
Sh. R. Biswas	I	Infrastructure Planning	1
Dr. Ruchita Gupta	I	Housing Planning (1) and Design Studio (8)	9
Dr. Neha G. Tripathi	I	Environmental Planning (1) and Design Studio (5)	6
Sh. Bhaskar G. Sudgani	I	Transport Planning (1) and Design Studio (7)	8
Ms. Harshita Deo	I	Housing Planning (1) and Design Studio (8)	9
Ms. Chetna Singh	I	Design Studio	5
Prof. Dr. Sanjukkta	I	Planning and Design Studio	3
Bhaduri	II	City and Metropolitan	1
	II	Studio	5
(Coordinator I Sem.	III	Env't. Dev. & Disaster Mngt.	1
Integrated Programme)	III	Energy, Climate Change and Urban Development	5
	IV	Studio	4

		Thesis (Studio)	4
Shri M. Palaniappan	I	Design Studio	7
	II	Planning for Tourism	1
	II	Studio	12
	III	Politics and Planning	1
	III	Studio	8
	IV	Studio	3
Ms. Chidambara	I	Transport Planning	1
	I	Design Studio	8
	II	Advance Planning Techniques	2
	II	Studio	8
	III	Studio	6
	III	Urban Governance	1
	IV	Thesis (Studio)	6
	VIII	Thesis (B.Planning) guidance	3
Ms. Nilanjana Dasgupta Sur	I	Studio Guidance and Studios	8
	II	Inclusive Urban Planning	1
	II	Studio	12
	III	Urban Development Management	1
	III	Studio	7
	IV	Thesis (Studio)	3

**6. 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
Ms. Chidambara	VIII	Thesis supervision (Department of Physical Planning)	3

**7. (a) Details of teaching work undertaken by the visiting faculty or visiting professors, etc. in the Department**

<b>Name of the Visiting Faculty</b>	<b>Semester</b>	<b>Subjects (Theory and Studios)</b>	<b>Total Hours/ per Week</b>
Dr. Atiya Habib	I	Sociology(1.5),Planning Tech Tutorial (1)Demography(0.75)	3.25
Prof. P. K. Chaubey	I	Economics	1.5
Prof. Dr. Shovan K. Saha	I	Planning Techniques / Design Studio	2.0/3
Prof. H. B. Singh	I	Planning History/ Design Studio	1.5/7.5
Sh. Subir Paul	I	Infrastructure/ Design Studio	1/4
Dr. Pawan Kumar	I	Infrastructure	1
Dr. J. Gildiyal	I	GIS	0.75
Dr. Debolina Kundu	I	Demography	0.75
Ms. Aprajita Ghatak	I	GIS	0.75
Dr. Roychaudari	I	Demography	0.75
Dr. C. H. Ravishekhar	I	Statistical Application	0.75
Sh. B. C. Dutta	I	Planning Techniques Tutorial/ Design Studio	1/6
Ms. Anuya Dighe	I	Planning History/ Design Studio	1.5/3
Ms. Prabh Bedi	I	GIS	0.75
Prof. Raman DevSurie	I	Planning Theory/ Design Studio	1.5/7
Prof. P. R. Lakshmi Kanthan	I	Statistical Application	0.75
Sh. Rashmi Ranjan Mallik	I	Economics	1.5
Ms. Rita Bhattacharya	I	Housing	1
Ms. Santosh Chaudhary	I	Sociology/Design Studio	1.5/6
Prof. Dr. R. K. Barikh	I	Sociology	1.5
Prof. Dr. Shipra Maitra	I	Economics	1.5
Dr.Kusum Lata Khurana	I	Planning Techniques (Tutorial)	1
Sh. R. Srinivas	I	Planning Theory	1.5
Prof. K. T. Gurumukhi	I	Planning Technique/ Design Studio	2/8

Prof. B. Mishra	I	Planning Technique	2
Sh. Nitin Sharma	I	Statistical Application	0.75
Prof. A. K. Maitra (Visiting Professor)	I	Environment	1
Prof. Kavas Kapadia (Visiting Professor)	I	Planning History	1.5
Sh. Kuldeep Raj	I	Design Studio	5
Sh. Ved Mittal	I	Design Studio	6
Ms. Anita Tikko Matange	I	Design Studio	3
Sh. K.G. Nambiar	I	Design Studio	7
Dr.Suptendu Biswas	I	Design Studio	6
Prof. S. C. Gupta	III	Urban Development Management/ Urban Governance/Environment Development & Disaster Management/Studio	1/1/0.25/8.5
Prof B. Misra	III	Environment Development & Disaster Management/Studio	1/6
Prof. V. Thiruvengdam	III	Project Planning/Studio	1/6
Sh. Surjit Singh Saini	III	GIS(Studio)	2
Sh. Arun Sharma	III	GIS(Studio)	2
Sh. M. L. Chotani	III	Urban Governance/ Politics & Planning	1/1
Sh. Tushar Pandey	III	Project Planning	1
Ms. Malti Goel	III	Energy, Climate Change & Urban Development	0.75
Ms. Aditi Das	III	Energy, Climate Change & Urban Development	1
Prof. S. P. Jakhanwal	III	Urban Development Management	1
Sh. Ashok Bhattacharya	III	Studio	8
Sh. B. K. Kapoor	III	Studio	9
Sh. A. P. Tiwari	III	Project Planning/Studio	1/8.5
Ms. Ranjini Mukherjee	III	Environment Development & Disaster Management	0.75
Sh. Ved Mittal	III	Studio	3

Sh. B.C. Datta	III	Studio	3
Sh. S.P. Biswas	III	Studio	3
Prof. Kavas Kapadia (Visiting Professor)	II/IV	Infrastructure Planning/Thesis	2/3
Sh. B. Misra	II/IV	Studio/City and Metropolitan Planning/(Thesis/Studio)	3/1/3
Sh. R. Srinivas	II/IV	City and Metropolitan Planning /(Thesis/Studio)	0.5/3
Sh. B.C. Datta	II	Studio	6
Ms. Shikha Jain	II	Urban Heritage Conservation	1.25
Dr.Sudeshna Chatterjee	II	Urban Heritage Conservation	0.75
Sh. Divay Gupta	II	Urban Heritage Conservation	1
Sh. Surjit Singh Saini	II	GIS (Studio)	2
Ms. Anuya Dighe	II	City and Metropolitan Planning	0.9
Ms. Pushpa Pathak	II	Inclusive Urban Planning	1
Ms. Chandni Luthra	II	Planning for tourism	2
Sh. M.L. Chotani	II/IV	Studio/Planning Legislation and Professional Practice	6/0.5
Sh. S.C. Gupta	II/IV	Studio/Planning Legislation and Professional Practice/(Thesis/Studio)	7/2.5/3
Sh. H.B. Singh	II/IV	Studio/(Thesis/Studio)	6/3
Sh. Arun Sharma	II	Advanced Planning Techniques/ GIS (Studio)	1/2
Sh. S.P. Jakhanwal	IV	Development Finance	1
Sh. K.K. Pandey	IV	Development Finance	1
Sh. Mukesh P. Mathur	IV	Development Finance	1
Sh. Vijay Risbud	IV	(Thesis/Studio)	3
Dr. Promila Suri	IV	(Thesis/Studio)	6
Prof. A.K. Maitra	IV	(Thesis/Studio)	3
Ms. Ranjini Mukherjee	IV	(Thesis/Studio)	2
Sh. Ved Mittal	II/IV	Studio/(Thesis/Studio)	6/6

Prof. V. Thiruvengdam	IV	(Thesis/Studio)	6
Sh. S.P. Biswas	II/IV	Studio/(Thesis/Studio)	8/3
Sh. S. Surendra	IV	(Thesis/Studio)	3
Sh. B.K. Kapoor	II/IV	Studio/(Thesis/Studio)	5/6
Sh. Tushar Pandey	IV	(Thesis/Studio)	3

**(b) Details of Special Lectures undertaken in the Department**

Name of the	Semester	Topic	Date
Prof. Kavas Kapadia	I	Introduction to Site Planning	04.08.2014
Shri Ved Mittal	I	Site Planning	05.08.2014
Prof. H.B. Singh	I	Site Planning	05.08.2014
Shri D.L. Sokido	I	Urban Density	05.08.2014
Prof. Ashok Bhattacharya	I	Circulation Plan and Parking required for Planning	06.08.2014
Prof. Rommel Mehta	I	Landscape aspects of Site Planning	07.08.2014
Dr.Sewa Ram	I	Transport Planning	04.09.2014
Prof. Kavas Kapadia	I	Land use Planning	05.09.2014
Prof. H.B. Singh	I	Land use Planning	05.09.2014
Shri. Amit Bhatt	I	Transport and Sustainability	14.10.2014
Shri Suresh C. Gupta	I	Land use Conversion	16.10.2014
Dr.Pushpa Pathak	I	Urban Water Supply and Sanitation Services in India	30.10.2014
Dr.Pushpa Pathak	I	Institutional Arrangements for Urban Development	20.11.2014
Dr.Mukesh P. Mathur	II	Urban Policies and Programmes	23.09.2014

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

- The Department coordinated First Semester Integrated Programme involving students of Urban Planning, Environment Planning, Transport Planning, Housing and Regional Planning. Prof. Dr.Sanjukta Bhaduri was the Programme Coordinator.

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

Semester/Year	Project Title/Topic	Description
I Semester Integrated Programme	1. Area Appreciation and Site Planning	1. This studio assignment endeavoured to form an interface between the area appreciation and site planning exercise by selecting the site for “site planning” exercise from within the “Areas” picked up for the “area appreciation” exercise. Appreciation was in terms of land and building use, demography, the linkages & accessibility, and the overall quality of life. Following this Site planning was carried out from sites selected from within the Areas. The design layout took into account relationship of the site with its environs, prevailing development regulations, climatic and aesthetic considerations.
	2. Outline Development Plan (ODP)	2. ODPs for the towns of Chittorgarh, Rajsamand, and Banswara in Rajasthan were prepared. The exercise included an assessment of the current status of development, issues, prospects and priorities for the urban centre, and proposals to develop it. The aspects studied included regional context, demography and economic base, land-use, transportation, housing, infrastructure, heritage, environment and governance.
III Semester/ II Year	Urban Development Projects for Amritsar	<p>The studio exercise started with an overview of the city, narrowing down to preparation of DPRs for six broad areas:</p> <ol style="list-style-type: none"> <li>1. Rain Water Harvesting</li> <li>2. Area Improvement of Historic Precincts</li> <li>3. Relocation and Development of Specialised Markets</li> <li>4. Pedestrianisation</li> <li>5. Waste Water Management</li> <li>6. Public Amenities In Katras</li> </ol>

The DPR outlined:

- a) Project Identification and Justification
- b) Project formulation
- c) Phasing and costing
- d) Implementation mechanism
- e) Project Appraisal

II Semester/ I Year

Development  
Strategies of Ujjain  
as a smart City

Ujjain was selected as the case study area with the theme of “Smart City”. The various aspects considered while developing Ujjain into a smart city were:

- Regional Context
- People, Economy & Livelihood
- Spatial Development
- Mobility
- Physical Infrastructure
- Social Infrastructure
- Environment & Risks
- Governance

Each group came up with a set of recommendations to make the city smarter.

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

Roll No.	Name of the Student	Thesis Topic
UP/1115	Srijana	Planning for Public spaces in a City :New Delhi
UP/1116	Neha Prakash	Implication of bifurcation of state on the old capital, Case study of Hyderabad
UP/1117	Sharmistha Nayak	DPR Plan for a Corridor Development – Case study of Bhubaneswar – Cuttack Urban Corridor
UP/1118	Abhas Verma	Tourism induced transformation, Case study of Ajmer-Pushkar
UP/1119	Neha Saxena	Impact of landuse zoning regulations on urban sprawl and mobility pattern : Case study : Bhopal
UP/1120	Nithya Elizabeth	Towards Resilient Urban water bodies in the context of Urban Development – A study of Thiruvananthapuram city

UP/1121	Trishubh Singh	Impact Assessment of leather industry on river, Case study- Agra, U.P.
UP/1122	Neha Awasthi	Renewal of Inner city , Case study Raipur Chhattisgarh
UP/1123	Amashikha Dey	Rejuvenation of a temple town, Case study:Bishnupur, West Bengal
UP/1124	Madhia Khan	Planning for Home based (Artisans) industries – Case study of Jamia Nagar
UP/1125	Beenish Mustaq	Urban development and floods :Case study of Srinagar City
UP/1126	Lakshit Mahavir	GIS for smart city, Case study Dehradun
UP/1127	Rajeev Saxena	Transit oriented development along proposed Lucknowmetro
UP/1128	Salini K.M.	Impacts on Urban development, Case study-Cochin city
UP/1129	Megha Narinderr Sharma	Ecological impact of industrial Clusters on Spatial Growth, Case study of Aurangabad, Maharashtra
UP/1130	Karishma Prasad	Planning for a Resilient city
UP/1131	Gauri Srivastava	Implications of High Rise High Density Built Environment on Quality of Life : Case study – Shaheed Path, Lucknow
UP/1132	Abhijith P.	Infrastructure Development for a Coastal city, Case study of Kozhikode
UP/1133	Vipul Mahule	Density and Quality of Urban Spaces in a neighborhood, case of TT Nagar Bhopal
UP/1134	Anamika Kumari	Planning for reclaimed Mining Land, Case study – Dhanbad
UP/1135	Kaushal Jangid	Conflicts of Urban growth in developing mining town, Case study of Jhariya, Dhanbad
UP/1136	Anant Mukati	Strategies for development of a commercial city : Case study – Indore
UP/1137	Aparna Vijay Kumar	E-governance as an incentive for improved public participation, Case study of Palakkad, Kerala
UP/1138	Surekha Yadav	Conversion of an Indian city into smart city, Case study- Rewari, Haryana
UP/1139	Mayur D.Vedpathak	Metamorphosis of chawls and city corollary : Mumbai

UP/1140	Ritika Raj	PPP (Public Private Partnership) in solid waste management – Case study : Ranchi, Jharkhand
UP/1141	Shaitya Kumar Rajam	Impact of ITIR in the development of Peri Urban areas – A Case of Hyderabad City
UP/1142	Sonam	Strategic Revitalization of Buddhist tourist circuit in South Bihar
UP/1143	Miriyala Ambedkar	Urban Land Policy for the New capital in Andhra Pradesh
UP/1144	Chunthuingam Dangmei	Impacts of Railway in Hill settlement – Case of Imphal
UP/1145	Vizokhokie Kesiye (Sponsored)	Planning for Organised open spaces in a hill town: Case of Kohima

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

Year of Enrolment	Name of the Student	Thesis Topic	Name of the Research Supervisor	Remarks if any
2012-13 (Full Time)	Sh. Daniel Lirebo Sokido	Density and Spatial Quality of Urban spaces: Addis Ababa, Ethiopia	Prof. Dr.Sanjukkta Bhaduri	Thesis Submitted, Viva- Voce awaited
2012-13 (Part Time)	Ms. Bipasha Kumar	Dynamics of Disaster risk in Urban Villages : Delhi	Prof. Dr.Sanjukkta Bhaduri	-
2014 (Part Time)	Ms. Nilanjana Dasgupta Sur	Capacity Building through knowledge networking of Urban Local Bodies in India	Prof. Dr. Sanjukkta Bhaduri, HOD, & Prof. Chetan Vaidya,	-

**12. Research thrust areas of the Department**

- Sustainable Smart Urban Development
- Alternative approach to Master Plans
- Participatory Approach to Local Area Planning
- Social Impact Assessment

**13. Completed/on-going research projects in the Department**

Nil

**14. Details of consultancy projects undertaken by Department**

Year of Enrolment	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Remarks if any
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Year of Enrolment	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Remarks if any
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Preparation of Concept Master Plans for Duliyan township and Narengi township, Assam; Oil India Ltd	Prof. Dr.Sanjukkta Bhaduri	Concept Master Plans for township	83.4
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**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

None

**16. Details of other publications made by regular faculty of the Department**

None

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Anyother (please specify)**

**Prof. Dr. Sanjukkta Bhaduri**

**National Committees**

- Member, Technical Committee for Standardisation in the field of Smart Cities. Bureau of Indian Standards Committee.
- Review of Training of Trainer module on ULB's entitled "Mainstreaming Disaster Risk Reduction and Climate Change Adaptation into City Development Plans (CDPs)", submitted as a part of the Capacity Building study of National Cyclone Risk Mitigation Project.

- Member Expert Review Committee for TERI's project on Climate Resilient Infrastructure Services in Panaji and Visakhapatnam, 5th May, 2014.

#### **Other Committee**

- Juror in end Term Examination for Integrated Studio of M. Plan I Year, SPA, Bhopal, 12th December, 2014.
- Trainee Capacity Building Programme of the MoUD, GOI on Sustainable Urban Transport for State and City officials of Delhi and NCR, New Delhi 8-12, December, 2014

#### **M. Palaniappan**

##### **Other Committees**

- Teaching and Paper Setter and Paper Evaluation at ITPI, New Delhi (A.I.T. M. Plan) Degree Course, Land Economics and Urban Sociology and Economics of Planning.

#### **Ms. Chidambara**

##### **Other Committees**

- Alternate Focal Point for SPA, New Delhi, which is a University partner of Habitat-UNI

### **18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

#### **a) Exhibitions**

- Students' work on Varanasi exhibited; 21 March, 2015, New Delhi

#### **b) Seminars/Workshops**

- The Department of Urban Planning, SPA, New Delhi and BURO DAP, Ahmadabad organized a one day International Workshop, "Smart Cities-Planning and Management of Historic Towns in India"; 21 March, 2015

### **19. Seminars or workshops attended by the faculty of the Department**

#### **Prof. Dr. Sanjukta Bhaduri**

##### **International seminar/workshops/conferences**

- As part of FICCI delegation, attended the 10th meeting of India-United Kingdom Joint Economic & Trade Committee (JETCO) India-UK Joint Working Group on "Smart Cities", 19-20 January.

##### **National seminar/workshops/conferences**

- Presented a paper on 'Satellite Towns in India' concerns and considerations' at National Congress of ITPI, Chennai, 9-11 January, 2015.

- International Workshop on Urban Development (IWUD), Focus on “Smart Cities, and Planning and Management of Historic Towns”, organised by La Salle University, Bogota, BURO DAP, Ahmedabad and SPA, Delhi B.H.U., Varansi and Delhi , 01-09 April, 2015.
- Key note speaker, ‘Smart Urban and Regional Planning’. Session coordinated by SPA- D, Smart Cities India 2015 Conference New Delhi, May, 2015.

### **Participation only**

- Workshop on Accelerating learning for Development Designing and Implementing – Learning, World Bank, New Delhi June 5-6, 2014.
- National Mission for Clean Ganga (NMCG) under National Ganga River Basin Authority (NGRBA), New Delhi, 7th July, 2014.
- 2nd Annual ET Infra Focus Summit ‘Action Plan to realise vision of cohesie Infrastructure Growth’ New Delhi 28th September, 2014.
- Urban Age Conference: Governing Urban Futures, LSE Cities, New Delhi, 14-15 November, 2014.
- Regional Policy Dialogue on ‘Sustainable Urbanisation in South Asia’, ICRIER New Delhi 17-18, December, 2014.
- National Workshop on “Urban Water Systems in India: A Way Forward” organised by ICRIER New Delhi February 23, 2015.
- Smart-Sustainable Cities Technology & Innovation Summit 2015, 18th March, 2015, New Delhi.
- National Workshop on Draft URDPFI Guidelines organised by TCPO, Delhi 4th April, 2014,
- Workshop on ‘Towards a Holistic approach to Urban Planning’, 8th April, 2015, New Delhi, organised by SPA Delhi in association with DUAC and A+D.
- Stakeholder’s workshop organised by National Capital Regional Planning Board on New Delhi on title “Economic Profile and Micro & Household Enterprises in NCR” 8th May, 2015.
- Special Convening on ‘Using Urban Design to Reduce the Cost of Infrastructure with a focus on Innovative Financing solutions for the Emerging Indian Smart Cities in support of Government of India’s policy – the first event under the YES Institute Smart Urbanisation Series, 26th May, 2015, New Delhi.
- Singapore’s Drive towards “a Smart Nation-Experience and Challenges”, New Delhi on 10 July, 2015.
- Participated in the NIUA Dialogue Series-III – Learning Cities by Train Campbell, New Delhi, 13th October, 2014.
- Training cum Workshop on Prevention of Sexual Harassment at workplace SPA-Delhi, 18th April, 2015.

- Stakeholders Workshop on 'Economic Profile and Micro and Household Enterprises in NCR', organised by National Capital Region Planning Board, New Delhi, 8th May, 2015.

### **Ms. Chidambara**

#### **International seminar/workshops/conferences**

- Presented Paper on "Greening the 'last' mile to transits: Place making for healthier and sustainable mobility" in "Future of Places –III conference: The Urban Thinkers Campus on Public Space in the New Urban Agenda", Johnson Foundation, UNHabitat and Project for Public Spaces; 2015, Stockholm, 29th June-1st July 2015.

#### **National seminar/workshops/conferences**

- Speaker, Urban Seminar on "Building 100 New Cities in India", Observers Research Foundation (ORF), N. Delhi, 23 Sep 2014.

#### **Participation Only**

- Participated in "Curtain raiser to the National Town and Country Planning Congress", organized by ITPI, N. Delhi, 29th Dec 2014.
- Participated in the launch of the National Heritage City Development and Augmentation Yojana (HRIDAY) by MoUD, New Delhi 21st Jan, 2015.
- Participated in the "National Seminar on Public Participation in Planning", organized by SPA-D in association with TCPO; New Delhi, Jan 22-23, 2015,.
- Participated in "National Workshop on Urban water systems in India: A way forward", ICRIER and Global Green Growth Institute; Feb 23rd 2015, New Delhi.
- Participated in the Workshop on 'Towards a Holistic Approach to City Planning' organized by SPA-D in association with DUAC and A + D; 8th April 2015, New Delhi.
- Participated in the "Smart Cities India 2015 Exhibition & Conference", 20-22 May 2015, New Delhi.

### **M. Palaniappan**

#### **Participation Only**

- Workshop on Towards a Holistic Approach to City Planning, SPA-D and Urban Arts Commission, New Delhi on April 8th, 2015.

### **Nilanjana D. Sur**

#### **Participation Only**

- Participated in the Smart City 2014 Summit organised by Elets Techno-media, New Delhi on July 18 2014
- Participated in the NIUA Dialogue Series III - Learning Cities by Tim Campbell, New Delhi 13th October 2014

- Participated in the launch of the National Heritage City Development and Augmentation Yojana (HRIDAY); New Delhi 21st January, 2015,.
- Participated in the “National Workshop on Sharing Urban Good Practices” as part of its PEARL initiative supported by NIUA & Cities Alliance (CA), New Delhi January 20, 2015,.
- Participated in the “Workshop on Public Participation in Planning”, organized by SPA-D in association with TCPO; N. Delhi January 22-23, 2015,.
- Participated in the Workshop on ‘Towards a Holistic Approach to City Planning’ organized by SPA-D in association with DUAC and A + D; N. Delhi 8th April 2015,.
- Participated in the Stakeholder’s workshop on “Economic Profile and Micro & Household Enterprises in NCR”, organised by National Capital Regional Planning Board; New Delhi 8th May 2015.
- Participated in the “Smart Cities India 2015 Exhibition & Conference”, New Delhi 20-22 May 2015.

## **20. Courses and training programs of attended by the faculty of the Department**

### **M. Palaniappan**

- Training cum workshop on Prevention of Sexual Harassment at workplace, SPA-D at SPA, Delhi on April 18th, 2015.
- Training on Mapinfo Professional V12.5; A complete GIC Solution – CASS/GIS/RS, SPA-D at SPA-D on April, 2015.
- Training course on vector works 2015, CASS/GIS/RS/ at SPA-D- from May 25th – 29th, May, 2015.

## **21. Awards or recognitions received at the national and international level by the faculty, and students**

None

## **22. Internal and external members of the Board of Studies**

### **Internal Members**

- |                                |                         |
|--------------------------------|-------------------------|
| 1. Prof. Dr. Sanjukta Bhaduri, | 3. Ms. Nilanjana D. Sur |
| 2. Ms. Chidambara              |                         |

### **External Members**

- |   |   |
|---|---|
| 1. Dr. S. P. Bansal<br>Former Addl. Commissioner, DDA | 4. Sh. V.K. Pathak<br>Former Chief Planner, Mumbai<br>Planning Consultant |
| 2. Sh. P. S. Rana<br>Former CMD,<br>HUDCO             | 5. Pr of. O.P. Mathur<br>Former Director,<br>NIUA, New Delhi              |

3. Prof. Saswat Bandhyopadhyay  
CEPT, Ahmedabad

**23. Internal and external members of the Departmental Research Committee**

**Internal Members**

1. Prof. Dr. Sanjukta Bhaduri,

**External Members**

1. Prof. Manmohan Kapshe  
Maulana Azad National Institute of Technology, Bhopal
2. Prof. Dr. S.K. Kulshreshtha

**24. Prominent visitors to the Department of studies**

Nil

**25. Details of activities under various MOUs during the reporting year**

Nil

**26. Details of ‘beyond syllabus scholarly activities’ of the Department**

Students presented “Sustainable development of heritage city Varanasi” to HRIDAY cell, MoUD. The Head of the Department has been part of discussions and debates on several TV channels (i.e. NDTV, CNN, IBN, DD News) on Smart Cities. Students have also participated in news channel debates (DD News).

**27. Any other information**



# LIBRARY

## **Chairperson**

Prof. Dr. Ranjana Mital

## **Library and Information Officer**

Narendra Singh Dhami

## **Sr. Library and Information Assistant**

Hargian Singh

## **Library and Information Assistant**

Pramod Nabor

## **Junior Library Assistant**

Om Prakash

The Library of the School continues 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 centre to meet the information needs of its clientele, including students, faculty/staff members of the School, research scholars, students from India and abroad and other visiting faculty and users. The library is equipped with computer facilities and electronic facilities such as online resources to support the 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 589 books, 234 theses, 93 dissertations and 61 bound volume of journals were added to the Library. The Library presently has a collection of 83091 books/documents.

The one online journal database JSTOR subscribed by the library. Besides, the library has subscribed 75 print and online journals of reputed publishers such as Taylor & Francis, Sage, Elsevier, ASCE, CUP, John Wiley and Springer etc.

The Library resources materials has been barcoded and computerized using LibSys4 software package. The LibSys4 an integrated Library Management Software is being used for library computerization, consisting modules such as cataloguing, acquisitions, circulations, Serials and OPAC. The in-house operations that computerized are Cataloguing and Circulations. The Web OPAC can be accessed through Intranet and Internet, either directly using computers connected to the LAN or through the Internet URL. It facilitates browsing and searching the databases of books, theses and

dissertations available in the SPA library.

Moreover, to update the readers Library brings out a monthly list of new addition in the library. To provide the readers a current awareness service the contents of the current periodicals and relevant information from the newspaper dailies, are made available electronically to the members. Photocopying services are provided to users of reference materials, articles, reports etc.

For the convenience of the readers the old borrower tickets have been replaced with single bar-coded library membership card. The Faculty, Non-Teaching Staff and Students of the School have been provided a single barcoded library membership card for borrowing books.

The School Library had a membership of the Developing Library Network (DELNET). This has given the facility of access to our readers to the 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.



# DOCUMENTATION-CUM-PUBLICATION UNIT

## STAFF

### Name and Designation

Mr. Ashok Kumar  
Library and Information Officer

Mrs. Kiran Kachroo Kaul  
Library and Information Assistant

## About

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 2014-15, DPU also brought out publications as stated below:

- Annual Report 2013-14 (English )
- Annual Report 2013-2014 (Hindi)
- Prospectus - 2014
- SPACE Journal Vol. 18, No.1, 2014 (January – June)
- 31st Convocation Booklet/Guest of Honor/Chief Guest Speech
- Students Hand Book - 2015
- Seminar Series 2014: Research and Documentation Report
- Printing of Degree Certificates and Degree Folder
- Printing of posters on Anti sexual Harassment, Good Governance Day, Vision Mission Poster of the School, National Unity Day, Savach Bharat Abhiyan.
- Green Master Plan of Mysore University
- IIM Udaipur Report
- Seasons Greeting cards and 31st Convocation Invitation Cards,
- Foundation Day Invitation Cards
- Printing of office stationery

- Printing of examination stationary
- Printing of Visiting Cards, I.D. Cards and Parking Stickers
- Digitization of Maps/Drawings
- Committee to Examine the Comprehensive Amendments in the Architects Act, 1972-  
Chairman Dr. J. R. Bhalla

### **Any Other**

DPU is also assisting in other administrative works assigned by the competent authority i.e. assisting in vigilance matters of the School, services rendered in the Internal Quality Assurance Cell of the School, Nodal officer (Election), working as Public Information Officer for DPU related matters and updation and revision of School Website.

## CENTRE FOR ANALYSIS AND SYSTEM STUDIES

### 1. Name of the Centre

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

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

Nil

### 3. Year of establishment of the Department

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

### 4. Faculty profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of if any	Remarks Experience
Prof. Dr. Vinay Maitri	M.Sc, Ph.D, MCP, MCSD, FCILT (UK), MIUT, MIRT	Head CASS/ GIS/RS Professor of of Examination Programming Controller	System Analysis and Design, Software Development, Programming Languages ,, GIS. Quantitative Techniques, Statistics, O.R's Application in Transport, Environment, Urban & Regional, Housing. Transport Economics, Intelligent Transport System	38	NA

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

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

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

Name of the Faculty	Semester (M. Plan)	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Vinay Maitri	I (Integrated)	Planning and Design Studio	3
	II (TP)	Transport Economics	2
	II (TP)	Planning and Design Studio	3
	III (TP)	Intelligent Transport System	2
	III (TP)	Studio	3
	IV (TP)	Thesis	4

**7.(a) 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
Ms. Priti Deo	IVth Semester B.Plan	Computer Programming II and Applications	3
Dr. J.B. Ghildiyal	Ist Semester Integrated M.Plan	Studio course	1
Dr. J.B. Ghildiyal	IIInd Semester M.Plan (HoU)	GIS	3
Ms. Prabh Bedi	IIInd Semester M.Plan (EP)	GIS lab	3
Ms. Prabh Bedi	IIIrd Semester M.Plan (EP)	GIS lab	3
Mr. Arun Sharma and Mr. Surjeet Singh Saini	IIInd Semester M.Plan (UP)	GIS lab	3
Mr. Arun Sharma and Mr. Surjeet Singh Saini	IIIrd Semester M.Plan (UP)	GIS lab	3

**(b) Details of Special Lectures undertaken in the Department**

None

**8. Department's involvement in interdisciplinary programs in other departments and organizations**

Auto-CAD class in Architecture Department.

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

NA

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

NA

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

NA

**12. Research thrust areas of the Department**

GIS application in spatial planning. E-courses content development.

**13. Completed/ongoing research projects in the Department**

NA

**14. Details of consultancy projects undertaken by Department**

None

**15. Give details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty**

**16. Details of other publications made by regular faculty of the Department**

**Name of faculty:** Prof. Dr. Vinay Maitri

**Title:** Sustainable Transport System in Context of Indian Cities.

**Publisher:** LAP LAMBERT Academic Publishing, Deutschland, Germany. ISBN: 978-3-659-46972-5 (International)

**17. Faculty serving in (a) National Committees (b) International Committees (c) Editorial Boards (d) Any other (please specify)**

**Prof. Dr. Vinay Maitri**

**(a) National Committee**

- Member, Advisory Council of IEC College of Eng. & Tech., Greater Noida.

**Professional Bodies**

- Hony. Jt. Secretary. Institute of Urban Transport, India.
- Fellow member of Chartered Institute of Transport London, U.K.

- Served as member in Technical committee for Delhi Traffic Police for the purchase/ procurement of breath Analyzer, Auto Glass Light Transmission Measurement meter, E-Challenging system, VMS, Red light and stop line violation detection system, Speed violation detection system, Compact Modular Measurement Devices, Road Separators, Intelligent transport system, Mechanical wheel clamping, Periscope Video Surveillance system, Towing System for Delhi traffic police, Light Bars.
- Served as member of technical committee for “ITS Master Plan for Hyderabad Metropolitan Area” and “ITS for Outer Ring Road of Hyderabad” for Hyderabad Metropolitan Development Authority.
- Member, “Urban Roads, Streets and Transport Committee (H-8)”, Indian Roads Congress.
- Member “Intelligent Transport Systems Sectional Committee”, & “Smart Cities Sectional Committee”, of “TED 28” & “CED 59” of Bureau of Indian Standards.

**18. Exhibitions, Seminars or workshops organized by the students and faculty of the Department**

**(a) Seminars/Workshops organized by the Centre in SPA Delhi**

- Training of Turn-it-in software on 28th October 2014.
- Workshop on Backpack software on 10th November 2014.
- Workshop on FARO & LEICA 3D laser scanner on 9th December 2014.
- Workshop MapInfo Software on 10th December 2014,
- Workshop on Hexagon Intergraph on 10th February 2015.

**19. Seminars or workshops attended by the faculty of the Department**

- Attended, Seminar on India’s Urban Vision of Sustainable Development organized by Elets Technomedia Pvt. Ltd. on 13th August 2014 in New Delhi.
- Attended, Seminar on Enhancing Performance & Safety: Standards for a Better India organized by CII National Committee on Chemicals on 2nd September 2014 in New Delhi.
- Attended, Seminar on Bentley Learning Event for STAAD organized by Bentley System on 11th November 2014 in New Delhi.
- Attended, Korea- India Business Alliance Forum 2014 organised by Kotra and Korea Financial News on 19th November, New Delhi
- Participated in Conference cum Exhibition on Urban Mobility India 2014 organised by IUT New Delhi, Nov 2014.

**20. Courses and training programs of attended by the faculty of the Department**

Nil

**21. Awards or recognitions received at the national and international level by the faculty, and students**

- Received **Medal for Best Paper on Road Research** entitles “Personalized Rapid Transit Systems – An Approach Towards Solving Urban Transport Problems, A Case Study in Gurgaon City, Haryana” by Indian Roads Congress on 19 January, 2015,

**22. Internal and external members of the Board of Studies**

N.A.

**23. Internal and external members of the Departmental Research Committee**

N.A.

**24. Prominent visitors to the Department of studies**

- Mr. Zeljko Djuretic, Academic Program Director, Bentley, June 2014.
- Mr. Vinayak Trivedi, Global Head, Bentley Academic, July 2014
- Dr. M. S. Prakash and Dr. Julia Djarova, MD ECORYS (Sound analysis), Rotterdam, The Netherlands, August, 2014.
- Mr. K. Beji George IRTS, GM, Center for Railway Information system, September, 2014.
- Mr. ManojTewari, GM, ESRI India, October 2014.
- Dr. Jan Linssen, CEO, ARS/ Traffic and Transport Technology, The Hague, The Netherlands, October 2014.

**25. Details of activities under various MOUs during the reporting year**

- Datalogics provide 5 day training on Vectorworks works software free of cost to the students from 25-29 May 2015.
- Mediaagility provided training on Google facilities on 4th June 2015 to staff and faculty members.

**26. Details of ‘beyond syllabus scholarly activities’ of the department**

NA

**27. Any other information**

**(a) MoU Signed:**

- Datalogics on 28th October 2014.
- Mediaagility on 17th February 2015.

**(b) CSAB 2014 work**

- Managed and handled complete admission process of undergraduate students under CSAB-2014
- Run on line and off-line Help-Centre & Reporting-Centre under CSAB – 2014
- Assist in Master's Degree Admission

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

- Maintaining and managing complete Biometric based attendance system and SPA website.
- Managing and uploading tenders of Purchase and maintenance section on Government e-tenders publishing system and providing admit cards to examinations section.
- Support to Video conferencing device.

**(d) Managing and providing following services**

- 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,
- ArcGIS software, Autodesk Software Server, SPSS and Primavera Software Server.
- Managing day to day calls & closes them according to their priority & SLA, Rectifying Network issue in Planning & Architecture Building, Manage and securing Wi-Fi & RF-Link between two buildings.
- Troubleshooting all type of Server, Workstation, Printer, Plotter and Scanner Hardware problem.
- All type of software installation on client machines like Windows XP Professional and Windows 7, AutoCAD, MS office, Adobe Reader, Antivirus.
- Managing Quick Heal Antivirus Server Solution on Server and Client machine, Firewall Management (UTM Cyberoam 350i) for blocking un-authorize site and securing intranet network, Coordinate with ISP and NIC to streamline internet lease line provide MTNL and NIC, Installing and configuring new hardware that comes in to the SPA, Maintaining CCTV and Providing Backup of CCTV
- Providing support in Technical drafting of Tenders

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

- Student enrollment for Data base creation, Unique User ID creation for access in GIS Lab, Updated software provide in GIS lab, Provides 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 in special case
- 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 laptops

**(f) Support Staff**

<b>Name and Designation</b>	<b>Qualification and Specialization</b>
Sh. Shanti Swaroop (Jr. System Analyst)	B.Sc (Computer Sc.) , Advanced Network Management
Sh. Jagdish Kumar (Jr. System Analyst) on deputation	B. Sc (Computer Sc.) M.Sc (Mathematics)
Sh. Abhishek Jain. (Jr. System Analyst)	B.Tech (Information Technology)
Sh. Navneet Kumar (Jr. System Analyst) on contract	B. Tech.

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

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

<b>Hardware</b>	<b>Name</b>	<b>Quantity</b>	<b>Company/Model</b>
1.Computer	HP Machines	43 (23 GIS,20 CASS)	HP
	Mac Machines	5 (CASS)	Apple
2.Printers/Scanners/Plotters	Laser Jet	8	HP
3. Switches	24Port, 48Port	1	Canon
4. Wi-Fi	Access Points	3 (24port x2 , 48 port x1)	D-Link , Cisco
5. Cyberoam 300i	Internet Firewall	1	D-Link
		1(300 user support)	Taarak India private limited



<b>Other Equipment (i.e. camera, calculator, handy cam etc.)</b>	<b>Name</b>		<b>Company/Model</b>
Webcam	Logitech		Logitech

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

<b>Hardware</b>	<b>Name</b>	<b>Quantity</b>
1 Digital Planometer (X Paln 360( C)		1
2 Calculators (Scientific)		2
3 OHP with Screen		1
4 Paralax Bars		6
5 Slide Projector		1
6 Stereoscope Pocket		8
7 Prism Steroscope		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 Epidoscope		1

**List of Remote Sensing, Aerial Photographs**

<b>S.No.</b>	<b>Aerial Photographs</b>	<b>Quantity</b>
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 1396-b	55

6	GangiNadi (Jaunpur, Ajamgarh 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

Signing of MOU with Datalogics on 28th October 2014.



## AUDIO VISUAL UNIT

### 1. Name of the Unit

Audio Visual Unit

### 2. Incharge Audio Visual Unit

**Prof. Dr. Vinay Maitri**  
(Planning Block)

**Prof. Manoj Mathur**  
(Architecture Block)

### 3. Staff

Sh. Vinod Kumar  
Assistant Photographer  
(Planning Block)

Sh. Sushil Khandelwal  
Audio Visual Assistant  
(Architecture Block)

### 4. School Events covered in Planning Block

1. Building Engineering & Management Photo-shoot for Prospectus for the Department dated 26<sup>th</sup> September, 2014.
2. Photo-shoot for placement in Building Engineering & Management dated 24<sup>th</sup> September, 2014.
3. Blood donation camp event covered for organized in School of Planning and Architecture dated 19<sup>th</sup> November, 2014.
4. Photo-shoot for School of Planning and Architecture Calendar for 2014.
5. Council of Architecture Visit in School of Planning and Architecture dated 25<sup>th</sup> April to 26<sup>th</sup> April 2014.
6. School Convocation at FICCI auditorium, New Delhi dated 05<sup>th</sup> May 2014.
7. Clean India Campaign Program Department of Environmental Planning dated 1<sup>st</sup> October, 2014.
8. Ecological Reconstruction of Slum a dialogue Department of Physical Planning dated 14<sup>th</sup> October, 2014.
9. Examinations covered December 11 & 12, 2014.
10. Exhibition covered organized by Department of Landscape Architecture dated 30<sup>th</sup> October, 2014.
11. Farewell function covered of Prof. Neelima Risbud & Prof. Ranjeet Mitra dated 30<sup>th</sup> September, 2014.
12. Farewell function covered of Sh. Shoorvir Singh Rana dated 30<sup>th</sup> June, 2014.
13. Farewell function covered of Smt. Bimla Chawla dated 30<sup>th</sup> May, 2014.
14. School of Planning and Architecture foundation day event covered dated 14<sup>th</sup> November, 2014.

15. Foundation day week covered dated 10<sup>th</sup> November to 12<sup>th</sup> November, 2014.
16. Swacch Bharat Abhiyan/ Gandhi Jayanti event covered dated 2<sup>nd</sup> October, 2014.
17. Good Governance Day event covered on 24<sup>th</sup> December, 2014.
18. Hindi Essay writing competition dated 29<sup>th</sup>& 30<sup>th</sup>September, 2014.
19. Hidni Pakhwara event covered dated 15<sup>th</sup> September, 2014.
20. Inauguration of New Lift in New building area dated 5<sup>th</sup> February, 2015.
21. JEE-CSAB Admission dated 16<sup>th</sup> July, 2014,
22. Maldives student visit to School of Planning and Architecture dated 22<sup>nd</sup> September, 2014.
23. National Assessment and Accreditation Council (NAAC visit) dated 16<sup>th</sup> to 19<sup>th</sup> September 2014.
24. Orientation program of Post-Graduate students dated 22<sup>nd</sup> July, 2014.
25. Prof. Ram Sharma meeting with all faculty members of SPA dated 7<sup>th</sup> May 2014.
26. Rajbhasha Sangoshti Government of India dated 4<sup>th</sup> July, 2014.
27. School of Planning and Architecture building photo-shoot dated 18<sup>th</sup> May, 2014.
28. Cemented statues made by students in Architecture block photos December, 2014.
29. Photos for sign board of School of Planning and Architecture, February, 2015.
30. 3D Wall painting in School of Planning and Architecture by foreigner in March, 2015.
31. Swachh Bharat Abhiyan celebrated at Maharani Bagh Complex with Tushar Gandhi, dated 29<sup>th</sup> September, 2014.
32. Sweden delegation visit to School of Planning and Architecture dated 26<sup>th</sup> February, 2014.
33. Utopia 2015 at School of Planning and Architecture dated, 21<sup>st</sup> March, 2015.
34. Visit of Bentley Company's director at School of Planning and Architecture dated, 15<sup>th</sup> October, 2014.
35. Melbourne University students visit to School of Planning and Architecture dated, 9<sup>th</sup>& 10<sup>th</sup> February, 2015.

#### **International/National/Seminar/Workshop/Training Program**

1. Doctoral Research Committee of Department of Physical Planning at School of Planning and Architecture dated 23<sup>rd</sup> May, 2014.
2. Cube Software Training Program at School of Planning and Architecture dated 19<sup>th</sup> November, 2014.
3. Erdas Software Training Program organized by CASS at School of Planning and Architecture dated 19<sup>th</sup> February, 2015.

4. Filemaker Training program organized by CASS at School of Planning and Architecture dated 30<sup>th</sup> March, 2015.
5. Google Earth Mapping at School of Planning and Architecture dated 28<sup>th</sup> October, 2014.
6. International Workshop on Smart Cities- Planning and Management of Historic Towns organized by Urban Planning Department at School of Planning and Architecture dated 21<sup>st</sup> March, 2015.
7. National Seminar on Public Participation in Planning dated 22<sup>nd</sup>& 23<sup>rd</sup> January, 2015 at IIC Delhi.
8. Right to Information Workshop at School of Planning and Architecture dated 22<sup>nd</sup> February, 2015.
9. Seminar on Gender Responsive Planning at School of Planning and Architecture dated, 9<sup>th</sup> December 2014.
10. Seminar on Role of Real Estate Developers in Affordable and Climate change at India Habitat Center, New Delhi dated, 21<sup>st</sup> November, 2014.
11. Seminar on Urban Dialogue organized by Urban Design Department at School of Planning and Architecture dated 14<sup>th</sup> February, 2015.
12. Seminar on Planning and Development of Laws at IIPA dated 25<sup>th</sup> to 27<sup>th</sup> September, 2014.
13. Training Program of MapInfo software organized by CASS at School of Planning and Architecture dated 10<sup>th</sup> December, 2014.
14. Turn-It-In Training Program organized by CASS at School of Planning and Architecture dated 28<sup>th</sup> October, 2014.
15. Bureau of India Standard National Seminar on National Building code of India, New Directions for revision at School of Planning and Architecture dated 18<sup>th</sup> March, 2015.
16. Workshop on Fire safety issues in Basement Compartmentalization and Glass Facades organized by BEM Department at School of Planning and Architecture dated 11<sup>th</sup> November, 2014.
17. An Interactive workshop on The Discovery of Architecture organized by Department of Architecture at School of Planning and Architecture dated 10<sup>th</sup>& 11<sup>th</sup> July, 2015.

#### **Jury/Review**

1. Jury of Urban Planning, Physical Planning and Housing Department dated 1<sup>st</sup>& 2<sup>nd</sup> May, 2014.
2. Jury of Architecture Conservation Department dated 4<sup>th</sup> November, 2014.
3. Jury of Environmental Planning Department dated 8<sup>th</sup> December, 2014.
4. Jury of Housing Department dated 7<sup>th</sup> May 2014.
5. Jury of Environmental Planning dated 29<sup>th</sup> April, 2014.

6. Jury of Environmental Planning & Housing Department dated 8<sup>th</sup>& 9<sup>th</sup> May 2014.
7. Jury of Environmental Planning, Housing, Transport Planning, dated 7<sup>th</sup> to 9<sup>th</sup> May, 2014.
8. Jury of Housing and Physical Planning Department dated 30<sup>th</sup> April, 2014.
9. Jury of Physical Planning Department dated 29<sup>th</sup> April, 2014.
10. Jury of Regional Planning Department dated 19<sup>th</sup> November, 2015.
11. Jury of Regional Planning Department dated 26<sup>th</sup> April, 2014.
12. Jury sheets of Regional Planning Department dated 28<sup>th</sup> November, 2014.
13. Jury of Urban Planning Department dated 26<sup>th</sup> November, 2014.
14. Jury of Urban Planning Department dated 7<sup>th</sup> May, 2014.
15. Jury of Urban Planning, Housing, Physical Planning & Regional Planning Department dated 2<sup>nd</sup>& 3<sup>rd</sup> November, 2014.
16. Jury of Urban Planning Department dated 21<sup>st</sup> May, 2014.

### **Special Lectures**

1. Special Lecture by Prof. Rey Bromley organized by Physical Planning Department dated 13<sup>th</sup> January, 2015.
2. Special Lecture organized by Department of Environmental Planning dated, 22<sup>nd</sup> September, 2014.
3. Special Lecture organized by Physical Planning Department dated 17<sup>th</sup> October, 2014.
4. Special Lecture organized by Department of Regional Planning dated 19<sup>th</sup> March, 2015.
5. Special Lecture organized by Regional Planning Department dated 16<sup>th</sup> October, 2014
6. Special Lecture organized by Urban Design Department dated 22<sup>nd</sup> September, 2014.
7. Special Lecture organized by Regional Planning Department dated 17<sup>th</sup> March, 2015.
8. Special Lecture organized by Urban Planning Department dated 8<sup>th</sup> November, 2014.
9. Special Lecture organized by GIZ Housing Department dated 16<sup>th</sup> October, 2014.
10. Special Lecture organized by Physical Planning Department dated 7<sup>th</sup> October 2014.
11. Special Lecture organized by Regional Planning Department dated 12<sup>th</sup> January, 2014.

### **MoU signed**

1. School of Planning and Architecture Signed MoU with Heidelberg University Germany dated 24<sup>th</sup> February, 2015.
2. School of Planning and Architecture Signed MoU with Vectoworks dated 28<sup>th</sup> October, 2014.

## 5. School Events Covered in Architecture Block

S. No.	FACULTY	DESCRIPTION OF WORK	QUANTITY	TOTAL
1.	Ms. Anjali / Parul	Graphic Jury	44	44
2.		Models: Amba Gupta	32	76
		Arushi Malhotra	31	107
		Devpranshthak	34	141
		Nikhil Pawar	18	159
		Sonal Takkar	24	183
		II B Graphics	88	271
		II C Graphics	518	789
		Drawings	28	817
		Tree and Hauz Khas (Drawings)	130	947
		Model	33	980
3.	Director	Architecture in India and Sweden	224	1204
4.	Ms Arpita Dayal	Mill Owners and selected design sheets	68	1272
		Models	18	1290
5.	Ms. Vandana Kothari	Art drawings	36	1326
		Art sheets	37	1363
		B&W ink drawings	40	1403
		Bricks doodle	89	1492
		Brush Drawings II B	506	1998
		Mud tiles	89	2087
		Colour drawings and sketches	37	2124
		Paper mashie	12	2136
		Students activities in art room	77	2213
		Students work for gift	13	2226
		Students activity paper mashie and wall painting	143	2369
		Studio work graphics 2nd A	58	2427
		Studio work graphics 1st year section B	14	2441
6.	Dr.Umesh	Athlos 2014 (Nehru Stadium)	342	2783
7.	Dr. V. K. Paul	BEM Placement	47	2830
8.	Dr Vinay Maitri	CCB	459	3289
9.	Director	COA Visit (2nd day shoot)	143	3432
10.	Prof.Ranjana Mittal	COA Visit April 2014	118	3550
11.	HOD (Arch)	Condolence (Prof.Rasik Bahal)	61	3611
12.	Dr. Leon	Practicing Architecture in Urban India	34	3645
13.		Faculty PP pics	21	3666
14.	Dr. Vinay Maitri	FARO scanner demonstration in CASS	6	3672

15.		Fire on 4th floor	42	3714
16.		Foundation day 2014 (Stills)	1247	4961
17.		Foundation day 2014 (Video)		
18.	HOD (Architecture)	I-Con (Ideas in Conservation) Students Exhibition-2015	30	4991
19.	HOD (ID)	Industrial Design Exhibition at Trivani (2015)	102	5093
20.	HOD (ID)	Visit of Secretary in ID	25	5118
21.		2nd year Section A (Design Work)	239	5357
22.	Establishment Section	Farewell of Prof.Chisti and Sh. J.B.Singh	65	5422
23.	HOD (Arch.)	Condolence (Prof. Jhabwala)	298	5720
24.	JURY 2014	Subhojit Sarkar (Models) 1st B	117	5837
		Dr. Leon (Sheets)	34	5871
		Prabhjot Singh (Models and Sheets) 2nd B	221	6092
		Jury 5th Year (Studio Pics)	32	6124
		Parul Kiri Roy (Drawings)	28	6152
		S.K.Aditya (Model)	70	6222
		Sonakshi Ghambhir (Model and Drawings)	48	6270
		Miscellaneous (Models, Drawings and Studio)	818	7088
25.	JURY 2015	Models and studio	120	7208
26.	HOD (Arch)	KHOLAR (HOD Room)	2	7210
27.	Establishment	Lalita Dhal (Farewell)	30	7240
28.	HOD (Arch.)	Model (Unfair means)	70	7310
29.	HOD (Arch.)	Models (MHRD Competition)	109	7419
30.	Director	KHOLAR (MOU Sign) Director's Room	54	7473
31.	HOD (Arch.)	NAAC Visit	343	7816
32.	HOD (Arch)	New Year Celebrations	34	7850
33.	HOD (Arch.)	Orientation 2014 (UG)	221	8071
34.	HOD (Arch.)	Paper Model Making	120	8191
35.	HOD (Arch.)	Prof. Peter Cook Lecture	68	8259
36.	Prof.Aruna Ramani	Models	206	8465
		5th year section A (Models)	609	9074
37.	Prof Ram Sharma	Scanned slides for PP presentation	112	9186
38.	S. K. Aditya	Architectural design (Sociography)	114	9300
39.	Director	SapathEktadiwas (Planning)	18	9318
40.	HOD, Architecture	Shri Shoorveer (Farewell)	49	9367
41.	Shweta Manchanda	5th year (Drawings and Models)	116	9483
42.		Play of students	99	9582
43.	Vandna Kothari	Students activity in art room	50	9632
44.	Prof. Ranjana Mittal	Student group photo	16	9648

45	Prof. Aruna Ramani	Students PP size shoot for Admit card	470	10118
45	HOD Architecture	UTOPIA 2014	126	10244
46	DOS	31st Convocation	316	10560

## **THE AUTHORITIES OF THE SCHOOL AS PER MEMORANDUM OF ASSOCIATION AND RULES AND REGULATIONS 1979 OF THE SCHOOL**

1. General Council with the Minister for Education, Government of India, as the Chairman
2. Executive Council Chaired by an eminent person, who shall be an Architect or an Planner appointed by the Chairman of General Council.
3. Academic Council with the Director of the School as the Chairman.
4. Finance Committee with the Director of the School as the Chairman.

In addition to these authorities, there is a Building Committee to advise on matters connected with buildings of the School and Selection Committees for recommending to the Executive Council with regard to the selections and appointments to the teaching posts in respective Departments of the School.

5. Such other authorities as may be declared as such.
6. The powers and functions of these bodies are laid down in the Rules of the School of Planning and Architecture Society.
7. During the year under report (1st April, 2014 to 31st March, 2015), following meetings were held of the General Council, Executive Council, Academic Council, Finance Committee and Building Committee:-

(i)	General Council	-----
(ii)	Executive Council	3 meetings
(iii)	Academic Council	-----
(iv)	Finance Committee	3 meetings
(v)	Building Committee	1 meeting

# CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL FROM 1 APRIL 2014 TO 31 MARCH 2015

## GENERAL COUNCIL

3 (i) (d)	a)	The Chairman	Smt. Smriti Zubin Irani, Hon'ble Minister of Human Resource Development, (Chairman, General Council SPA) Government of India, Shastri Bhawan, New Delhi-110001	
	(b)	Chairman of the Executive Council	Prof. Ram Sharma	
	(c)	The Director of the School, Member	Prof. Chetan Vaidya Director	
	(d)	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).	Shri Vincent. H. Pala M.P. (Lok Sabha), 21, B. R. Mehta Lane, New Delhi-110001  Dr. M. S. Gill M. P. Rajya Sabha, 12, Mother Teresa, Crescent Road, New Delhi-110011	
	(e)	Four nominees of the Government to represent:  (i) Technical Education	Shri Rajesh Singh Director (T), MHRD, Shastri Bhawan, New Delhi-110001	

		(ii) Housing	Shri A. N. Krishnamurthy Executive Director (Housing) HSMI, HUDCO, New Delhi-110003	
		(iii) Urban and Regional Planning	Prof. Rajiv Mishra Principal, Sir J J College of Architecture, 78/3, Dr. Dadabhai Naoraji Road, Ramabai Ambedkar Marg, Dhobi Talao, Mumbai-400001 w.e.f: 18.10.2013	
		(iv) Finance	The Jt. Sec., and Financial Advisor, MHRD, Shastri Bhawan, New Delhi- 110001	
	(f)	A representative of Delhi Administration Nominated by the Lieut. Governor of Delhi.	Shri Dharampal Secretary, (L & B), B-Block, Vikas Bhawan, New Delhi-110002	
	(g)	A representative of the University Grants Commission (UGC).	Ms.Sunita Surya Kohli 31st, Golf Link, Ground Floor, Front Apartment, New Delhi-3	
	(h)	Two nominees of the Institute of Town Planners, India.	Shri S.S.Mathur 17, S.F.S Flats, Pocket-B, Sheikh Serai, Phase-1, New Delhi- 110017.	
			Shri B.C. Dutta, Secretary-General, ITPI, 321, Mandakini Enclave, New Delhi.	

	(i)	Two nominees of the Indian Institute of Architects	Ar. Prakash Deshmukh M/s Space Designers, Syndicate Mega Space, 1st Floor, 13 Solapur Bazar, Off East Street, Pune-411001	
			Ar. Paresh Kapadia 7B, Shiv Kripa, 'H' Old Nagardas Road, Andheri (East), Mumbai-400069	
	(j)	President of the Institution of Engineers (India) or his nominee	Mr. P. K. Maity 8, Pottery Road, P. O. Tengra, Kolkata-700015	
	(k)	A nominee of the All India Council for Technical Education to be nominated by the Chairman, AICTE	Dr. M. K. Hada 7th Floor, Chander Lok Building, Janpath, New Delhi-110001	
	(l)	Two experts from the Professions of Architecture, Town Planning, Landscape Architecture and Urban Design, nominated by Govt. of India.	Prof. E.F.N. Ribeiro Former Director, SPA, X45, Pelican Apartment, Fr. Agnelo Road, Panajit, Goa- 403001	
			Prof. Abhimanyu Dalal 173, Golf Links, New Delhi-110003	
	(m)	Three representatives of allied professions such as Sociology, Economics, Geography, Public Administration nominated by Govt. of India.	Prof. Maitreyee Choudhary Prof. of Sociology Centre for Study of Social System (SSS) Jawaharlal Nehru University, New Delhi-67	
			Prof. Achin Vanaik S-314, Panchshila Park, New Delhi-110017	
			Dr. N.C. Satyawadi 13- A, Vijay Mandal Enclave, Near IIT, Delhi	

	(n)	Dean of Studies of the School	Prof. Nalini Thakur Dean of Studies	
	(o)	All the Heads of the Departments of Studies	Prof. Dr.Mandeep Singh Head of the Department of Architecture.	
			Prof. Dr. Sanjukta Bhaduri Head of the Department of Urban Planning	
			Prof. Dr. Mahavir Head of the Department of Regional Planning	Prof. Dr. Ashok Kumar Head of the Department of Regional Planning w.e.f: 19.05.2014
			Prof. Dr. Mahavir, Head of the Department of Environmental Planning	Prof. Dr. Meenakshi Dhote, Head of the Department of Environmental Planning w.e.f: 19.05.2014
			Prof. Dr. Neelima Risbud, Head of the Department of Housing	Prof. Dr. P.S.N.Rao Head of the Department of Housing w.e.f: 19.05.2014
			Dr. Sewa Ram, Head of the Department of Transport Planning	Prof. Dr. P. K. Sarkar Head of the Department of Transport Planning w.e.f: 19.05.2014
			Prof. Dr. Rommel Mehta Head of the Department of Landscape Architecture	
			Prof. Mandeep Singh Head of the Department of Urban Design	Shri. Arunava Dasgupta Head (IC) of the Department of Urban Design w.e.f: 19.05.2014
			Prof. Dr Y.K.Jain Head of the Department of Building Engineering and Management,	Prof. Dr. Virendra Paul, Head of the Department of Building Engineering and Management, w.e.f: 16.07.2014

			Prof. Dr. Mayank Mathur Head of the Department of Physical Planning	Dr. R. Biswas Head of the Department of Physical Planning w.e.f: 01.01.2015
			Prof. Nalini Thakur Head of the Department of Architectural- conservation	Prof. Dr. Priyaleen Singh Head of the Department of Architectural- conservation w.e.f: 19.05.2014
			Prof. Manoj Mathur Head of the Department of Industrial Design	Prof. Neerja Tiku, Head of the Department of Industrial Design w.e.f: 19.05.2014
	(p)	<p>Eight representatives of Teachers, three each from amongst</p> <p>(i) the Professors other than the Heads of Departments,</p> <p>(ii) Assistant Professors, and two from amongst Lecturers by rotation, for a period of one year, in order of seniority.</p>	<p>Prof. Dr. Sanjay Gupta Prof. of Transport Planning</p> <p>Prof. Dr. P. S. N. Rao Prof. of Housing</p> <p>Prof. Dr. Ashok Kumar Prof. of Physical Planning</p> <p>Dr. R. Biswas Associate Prof. of Physical Planning</p> <p>Dr. Smt. Poonam Prakash Associate Prof. of Physical Planning</p>	<p>Prof. Dr. Aruna Ramani Grover Professor of Architecture, w.e.f: 28.05.2014</p> <p>Prof. Dr. Anil Dewan Professor of Architecture, w.e.f: 28.05.2014</p> <p>Prof. Dr. Jaya Kumar, Professor of Architecture, w.e.f: 28.05.2014</p> <p>Shri Parag Anand Meshram Associate Prof. of Industrial Design w.e.f: 28.05.2014</p> <p>Dr. Vinita Yadav Associate Prof. of Regional Planning w.e.f: 28.05.2014</p>

		<p>Shri Arunava Das Gupta Assistant Prof. of Urban Design</p> <p>Shri Shuvojit Sarkar Assistant Prof. of Architecture</p> <p>Ms. Moulshri Joshi Assistant Prof. of Architecture</p>	<p>Ms. Anuradha Chaturvedi Associate Prof. of Arch. Conservation w.e.f: 28.05.2014</p> <p>Shri S. P. Shrivastava Assistant Prof. of Civil Engg. w.e.f: 28.05.2014</p> <p>Ms. Taru Jain Assistant Prof. of Physical Planning w.e.f: 28.05.2014</p>
(q)	Three persons representing the Alumni Association	Prof. Kavas Kapadia C-98, PreetVihar, Delhi-110092	
		Mr. Ankit Gupta 300/G-21, Sector-7, Rohini, Delhi -110085	
		Ar. Shamit Manchanda, B-83, Shivalik, Malviya Nagar, New Delhi-110017	
(r)	<p>Two representatives of the students, elected one each from amongst the students of the final year classes of</p> <p>(i) Post-graduate and</p> <p>(ii) Under-graduate Courses.</p>	<p>The General, Secretary (PG) Student-BEM, SPA, New Delhi</p> <p>The General Secretary (UG) SPA, New Delhi</p>	
(s)	Such other members of the Executive Council as are not members of the General Council	Prof. Dr. Sandeep Sancheti Director, C-214, Ashiana Greenwood jagatpura, Jaipur-302017 Rajasthan	Shri. Rajesh Singh Director (T), MHRD, Shastri Bhawan, New Delhi-01

			Smt. Sipra Mitra Addl. DG (Arch.), CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01	Shri. Rajesh K. Kaushal Chief Arch, NDR, CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01 w.e.f: 25.02.2015
			Shri. J.B. Kshirsagar, The Chief Planner, Town and Country Planning Organization (TCPO), Vikas Bhavan, I.P. Estate, New Delhi-110002	Nominee of GOI, to represent Urban and Regional Planning, MHRD, Shastri Bhawan, New Delhi-110001
			Shri Yogender Tripathi Secretary and Financial Advisor, INB, MHRD, New Delhi	
			Mr. O. P. Goel B-XI/8091, Vasant Kunj, New Delhi-70	
			The President (ITPI) 4 Ring Road, I.P. Estate, New Delhi – 110002	
			Ar. Divya Khush Vice President of the IIF 6/402, East End Apartment, Mayur Vihar, Delhi-96	
			Ar. Vijay Garg 532, Modern Apartment, Sector-15, Rohini, New Delhi-85	
		Registrar of the School	Shri C. P. Raghav Registrar-Secretary	Prof. Dr. P.S. N. Rao Registrar- Secretary

# CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL FROM 1 APRIL 2014 TO 31 MARCH 2015

## ACADEMIC COUNCIL

16 (i)	(a)	Director of the School, Chairman	Prof. Chetan Vaidya	
	(b)	Five persons, from amongst the educationists of repute/ eminent professional men, who are not in the service of the School nominated by the Chairman.	Prof. B. Misra, A-O 28,Kala Kunj, Shalimar Bagh,Delhi-110052.	
			Prof Ajay Khare Director, SPA, Academic Transit Campus, Sports Complex, 1st Floor, MANIT Bhopal, MP-462051	
			Mr. R. K. Safaya C-25, 1st Floor, JangpuraExtn. New Delhi- 110014	
			Ms. Uma Adusumilli Chief Planner, E-Block, Opp. Drive in Theatre Bandra (East),Bandra Kurla Complex, Mumbai-400051	
			Prof. Dr. Chitrarekha Kabre Chairperson Department of Architecture, D. C. University of Science and Technology, Murthul, Sonapat-131027.	
	(c)	A nominee of the Institute of Town Planners, India	The Secretary-General Institute of Town Planners, India 4-A, Ring Road, I.P. Extn., New Delhi-110002	

	(d)	A nominee of the Indian Institute of Architects	Ar. Jatinder Saigal 707, Sector-15, Faridabad, Haryana-121007	
	(e)	A nominee of the Institution of Engineers (India).	Mr. H. K. Mittal FIE, "Krishnam", 346 Vivek Vihar, New Sanganer Road, Dodala, Jaipur-302019	
	(f)	A nominee of All India Council for Technical Education	Shri Rajiv Mishra Principal-Incharge Sir.J.J College of Architecture 78/3,Dr. D.N Road, Mumbai-400001	
	(g)	Dean of Studies of the School	Prof. Nalini Thakur	
	(h)	All the Heads of the Departments	Prof. Dr. Mandeep Singh Head of the Department of Architecture.	
			Prof. Dr. Sanjukta Bhaduri Head of the Department of Urban Planning	
			Prof. Dr. Mahavir Head of the Department of Regional Planning	Prof. Dr. Ashok Kumar Head of the Department of Regional Planning w.e.f: 19.05.2014
			Prof. Dr. Mahavir, Head of the Department of Environmental Planning	Prof. Dr. Meenakshi Dhote, Head of the Department of Environmental Planning w.e.f: 19.05.2014
			Prof. Dr. Neelima Risbud, Head of the Department of Housing	Prof. Dr. P.S.N.Rao Head of the Department of Housing w.e.f: 19.05.2014
			Dr. Sewa Ram, Head of the Department of Transport Planning	Prof. Dr. P. K. Sarkar Head of the Department of Transport Planning w.e.f: 19.05.2014

			Prof. Dr. Rommel Mehta Head of the Department of Landscape Architecture	
			Prof. Dr. Mandeep Singh Head of the Department of Urban Design	Shri. Arunava Dasgupta Head (IC) of the Department of Urban Design w.e.f: 19.06.2014
			Prof. Dr Y.K.Jain Head of the Department of BEM	Prof. Dr. Virendra Paul, Head of the Department of BEM w.e.f: 16.07.2014
			Prof. Dr. Mayank Mathur Head of the Department of Physical Planning	Dr. R. Biswas Head of the Department of Physical Planning w.e.f: 01.01.2015
			Prof. Nalini Thakur Head of the Department of Architecture- conservation	Prof. Dr. Priyaleen Singh Head of the Department of Architecture- conservation w.e.f: 19.05.2014
			Prof. Manoj Mathur Head of the Department of Industrial Design	Prof. Neerja Tiku, Head of the Department of Industrial Design w.e.f: 19.05.2014
	(i)	All Professors other than the Heads of the Departments	Prof. Dr. N. Sridharan Professor of Regional Planning,	
			Prof.(Dr.) Ranjana Mittal, Professor of Architecture	
			Prof. Dr. Jaya Kumar, Professor of Architecture	
			Prof. Dr. Anil Dewan, Professor of Architecture	
			Prof. Dr. Aruan Ramani Grover, Professor of Architecture	
			Prof. Dr. Vinay Maitri Prof. of Programming and Head, CASS	

			Prof. Dr. Sanjay Gupta Prof. of Transport Planning	
			Prof.(Dr.) Surinder K. Suneja Prof of Landscape Architecture	
	(j)	Six members of the Teaching staff, representing the Assistant Professors and Lecturers of the School, by rotation, for a period of one year, according to combined seniority list	Dr. Poonam Prakash Associate Prof. of Physical Planning	Shri Probhjot Singh Sugga, Assistant Professor of Architecture w.e.f: 28.07.2014
			Shri Arunava Dasgupta Associate Prof. of Urban Design	Ms. Parul Kiri Roy Assistant Professor of Architecture w.e.f: 28.07.2014
			Ms. Anuradha Chaturvedi Associate Prof. of Arch. Conservation	Ms. Moulshri Joshi Assistant Professor of Architecture w.e.f: 28.07.2014
			Shri Parag Anand Meshram Associate Prof. of ID	Shri Shuvojit Sarkar Assistant Professor of Architecture w.e.f: 28.07.2014
			Ms Krity Gera Assistant Prof. of ID	Shri S. P. Shrivastava Assistant Professor of Civil Engineering w.e.f: 28.07.2014
			Dr. (Ms.) Vinita Yadav Associate Prof. of RP	Ms. Taru Jain Assistant Professor of Physical Planning w.e.f: 28.07.2014
	(k)	A Representative of SPA Alumni Association	Shri Vijay Garg 532, Modern Apartment Sector-15, Rohini, New Delhi-85	
		Registrar of the School	Shri C. P. Raghav Registrar-Secretary	Prof. Dr. P.S. N. Rao Registrar- Secretary

## CONSTITUTION AND MEMBERSHIP OF THE EXECUTIVE COUNCIL FROM 1 APRIL 2014 TO 31 MARCH 2015

### EXECUTIVE COUNCIL

9	(a)	An eminent person, who shall be Architect or Planner as Chairman of the Executive Council by the Chairman of the General council	Prof. Ram Sharma, Chairman G-104, Saket, New Delhi-17	
	(b)	4 nominees of the Government to represent:		
		(i) Technical Education	Prof. Dr. Sandeep Sancheti Director C-214, Ashiana Greenwood jagatpura, Jaipur-302017 Rajasthan	Shri. Rajesh Singh, Director (T), MHRD, Shastri Bhawan, New Delhi-01
		(ii) Housing	Smt. Sipra Mitra Addl. DG (Arch.), CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01	Shri. Rajesh K. Kaushal Chief Arch, NDR, CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01 w.e.f: 25.02.2015
		(iii) Urban and Regional Planning	Shri. J.B. Kshirsagar, The Chief Planner, Town & Country Planning Organization, Vikas Bhavan, I.P. Estate, New Delhi-110002	Nominee of GOI, to represent Urban and Regional Planning, MHRD, Shastri Bhawan, New Delhi-110001
		(iv) Finance	Shri Yogender Tripathi Secretary & Financial Advisor, INB, MHRD, New Delhi	
	(c)	President of the Institute of Town Planners, India, or his nominee	The President (ITPI) 4 Ring Road, I.P. Estate, New Delhi – 110002	
	(d)	President of the Indian Institute of Architects, or his nominee	Ar. Divya Khush Vice president of the IIF 6/402, East End Apartment, Mayur Vihar, Delhi-96	

	(e)	President of Institution of Engineers (India) or his nominee	Shri O. P. Goel B-XI/8091, Vasant Kunj, New Delhi-70	
	(f)	Dean of Studies of the School	Prof. Nalini Thakur	
	(g)	Three Head of Department namely:		
		(i) Head of the Department of Architecture.	Prof. Mandeep Singh HOD-Architecture	
		(ii) Head of the Department of Regional Planning and	Prof. Dr. Sanjukta Bhaduri HOD-Urban Planning	
		(iii) One from amongst the Head of other Department, by rotation.	Dr. Mayank Mathur HOD- Physical Planning	Dr. R. Biswas HOD- Physical Planning w.e.f: 01.01.2015
	(h)	One Associate Professor of the School, by rotation, according to seniority.	Dr. Sewa Ram Associate Professor of Transport Planning,	Dr. Mayank Mathur Associate Professor of Physical Planning, w.e.f: 03.02.2015
	(i)	Director of the School Member	Prof. Chetan Vaidya	
	(j)	A representative of SPA Alumni Association	Ar. Vijay Garg 532, Modern Apartment, Sector-15, Rohini-85	
		Registrar of the School	Shri C. P. Raghav Registrar-Secretary	Prof. Dr. P.S. N. Rao Registrar- Secretary

## CONSTITUTION AND MEMBERSHIP OF THE BUILDING COMMITTEE FROM 1 APRIL 2014 TO 31 MARCH 2015

### BUILDING COMMITTEE

		Director of the School Chairman	Prof. Chetan Vaidya	
		Nominee of the Executive Council	Ar. Balbir Verma K-11, Kailash Colony New Delhi-110048	Ar. Divya Khush 6/402, East End Apartment, Mayur Vihar, Delhi-96 w.e.f: 01.12.2014
		Two Nominees of faculty of the School to be nominated by the Director	Prof. Satish Khanna Prof. of Architecture	Prof. Manoj Mathur Prof. of Architecture w.e.f: 09.04.2014  Prof. Dr. Mandeep Singh Prof. of Architecture w.e.f: 20.03.2015
			Prof. M. L. Bahri HOD- Architecture	Prof. Dr. V. K. Paul HOD- BEM w.e.f: 20.03.2015
		Chairman Campus Management Committee	Prof. Dr. Y. K. Jain Professor of Civil Engg. Department of Architecture SPA, New Delhi	Prof. Manoj Mathur Prof. of Architecture w.e.f: 20.03.2015
		Representative of Ministry of Urban Affairs and employment Finance3 Branch (work)	Ms. Yashodhara Vijayan Deputy Secretary (F) GOI, Ministry of Urban Development, Finance Division, Nirman Bhawan, New Delhi-01	
		Director General of CPWD or his nominee	The Director-General, CPWD, I.P. Bhawan, I.P.Estate, New Delhi-01	

		A nominee of Government of India to Represent Technical Education. Registrar of the School	Shri. Rajesh Singh Director (T) Ministry of Human Resource Development, (Dept. of Higher Education), GOI, Shastri Bhawan, New Delhi-01	
			Shri C. P. Raghav Registrar-Secretary	Prof. Dr. P.S. N. Rao Registrar- Secretary

# CONSTITUTION AND MEMBERSHIP OF THE FINANCE COMMITTEE FROM 1 APRIL 2014 TO 31 MARCH 2015

## FINANCE COMMITTEE

19 (i)	(a)	Director of the School Chairman	Prof. Chetan Vaidya	
	(b)	Two Representative of the Govt. of India to represent.		
	(i)	Technical Education	Shri. Rajesh Singh Director (T), MHRD, Shastri Bhawan, New Delhi-110001	
	(ii)	Finance	Director (F) MHRD, Shastri Bhawan, New Delhi-110001	
	(c)	<b>No nomination has been recived from UGC for this constituency.</b>		
	(d)	Two Nominees of Executive Council, one of whom shall be a member of the Executive Council.	Ar. Balbir Verma K-11, Kailash Colony, New Delhi-48	
			Prof. J. H. Ansari 138, Zakir Bagh New Delhi-25	
		Registrar of the School	Shri C. P. Raghav Registrar-Secretary	Prof. Dr. P.S. N. Rao Registrar- Secretary