



School of Planning
and Architecture
New Delhi

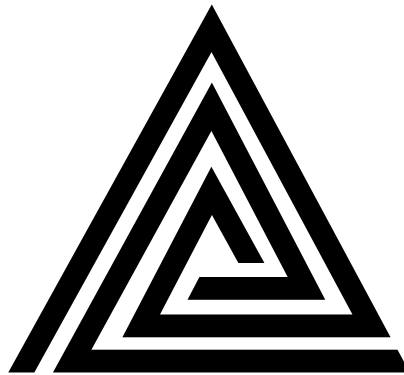
योजना तथा
वास्तुकला विद्यालय
नई दिल्ली

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

ANNUAL REPORT 2015-16

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2015-16



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

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.

Prior to becoming an institution of national importance, SPA New Delhi has roots in the Department of Architecture, which was founded in 1942 as a part of Delhi School of Polytechnic. Department of Architecture subsequently merged with the School of Town and Country Planning and became SPA in 1959. SPA New Delhi was given the status of Deemed to be University in 1979. The School offers two undergraduate programmes, one for architecture and the other in physical planning and 10 postgraduate programmes, three in architecture, five in planning, and one each in industrial design and building engineering and management. Total strength of the students in session 2015-2016 was 1,189 of which 717 were undergraduate students. Presently 44 students are pursuing Ph.D. programme in the School.

Apart from imparting professional education in various fields related to build environment, the School has also been pursuing sponsored research from various government bodies and institutions throughout India. The School also carries out capacity building activities in the form of Quality Improvement Programmes and training workshops in collaboration with other institutions.

This Annual Report covers the activities and achievements of the various departments of studies and their respective members during 2015-16. 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.

Prof. Chetan Vaidya
Director

CONTENTS

Preface	i
A Brief about SPA New Delhi	01
Director's Participation in Professional Activities-2015-16	12
Department of Architecture	14
Department of Physical Planning	64
Department of Architectural Conservation	90
Department of Building Engineering and Management	107
Department of Environmental Planning	117
Department of Housing	128
Department of Industrial Design	138
Department of Landscape Architecture	159
Department of Regional Planning	169
Department of Transport Planning	179
Department of Urban Design	202
Department of Urban Planning	212
Library	232
Documentation-cum-Publication Unit	234
CASS, GIS and RS	236
Audio-Visual Unit	247
Authorities of the School	252
Annual Accounts 2015-16	269
Audit Report	316

A BRIEF ABOUT SPA, NEW DELHI

Background

School of Planning and Architecture (SPA) New Delhi has been providing cutting edge architecture, planning and design education as well as research environment in India. The School has a glorious history. It germinated in 1942 in the form of Department of Architecture as a part of Delhi Polytechnic and came into its modern avatar in 1959 after merging with the School of Town and Country Planning in Delhi, which itself was established in 1955. Government of India conferred the status of a Deemed University on the School in 1979 recognizing SPA an institution of national eminence. Government of India declared SPA New Delhi as the Institution of National Importance under the School of Planning and Architecture Act, 2014.

Academic Activities

At present, the School offers two graduate programs in architecture and planning and 10 postgraduate programs in Urban Planning, Environmental Planning, Regional Planning, Transport Planning, Housing, Urban Design, Landscape Architecture, Architectural Conservation, Industrial Design, and Building Engineering and Management. Moreover, all departments of studies offer doctoral programmes. Faculty of the School carries out cutting edge research and extension activities.

Research Projects

The School continues to undertake research in architecture and planning sectors. Current important research projects include Indo Norway Research Project on Transport Sector, Conservation of Mughal Riverfront Gardens Project in Agra, Indo Highway Capacity Manual, HUDCO Chair and ENVIS Center on Human Settlements. SPA New Delhi has been working on innovatory products and processes under the National Initiative for Design Innovation funded by Ministry of Human Resource Development.

International Exchanges

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

Workshops and Conferences

SPA New Delhi organized a large number of workshops, exhibitions, and conference and training programs.

Following courses were conducted by the School during the year 2015-16

S. No.	Name of the Course	Approved Intake	Duration (Year)
1.	Bachelor of Architecture	105 +15%*+1**	5
2.	Bachelor of Planning	34 +15%* +1**	4
3.	Master of Planning with specialization in Urban Planning	31	2
4.	Master of Planning with specialization in Regional Planning	15	2
5.	Master of Planning with specialization in Environmental Planning	15	2
6.	Master of Planning specialization in Housing	23	2
7.	Master of Planning with specialization in Transport Planning	23	2
8.	Master of Architecture with specialization in Arch. Conservation	15	2
9.	Master of Design (Industrial Design)	23	2
10.	Master of Urban Design	20	2
11.	Master of Landscape Architecture	23	2
12.	Master of Building Engineering and Management	31	2
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 for the year 2015-16 is as follows:-

SL No.	Name of Course	I Year	II Year	III Year	IV Year	V Year	Total
I.	UNDERGRADUATE COURSES						
1	Bachelor of Architecture	113	115	116	114	120	578
2	Bachelor of Planning	31	37	37	34	-	139
II.	POST-GRADUATE COURSES						
1	Master of Planning with specialization in Urban Planning	32	31	-	-	-	63
2	Master of Planning with specialization in Regional Planning	15	13	-	-	-	28
3	Master of Planning with specialization in Environmental Planning	15	14	-	-	-	29
4	Master of Planning with specialization in Housing	22	20	-	-	-	42
5	Master of Planning with specialization in Transport Planning	23	23	-	-	-	46
6	Master of Architecture with specialization in Arch. Conservation	15	14	-	-	-	29
7	Master of Design (Industrial Design)	21	22	-	-	-	43
8	Master of Urban Design	19	19	-	-	-	38
9	Master of Landscape Architecture	24	21	-	-	-	45
10	Master of Building Engineering and Management	35	30	-	-	-	65
III.	Ph. D PROGRAMME	-	-	-	-	-	44
	GRAND TOTAL	365	359	153	148	120	1,189

A summary of Enrollment of the students for the year 2015-16

Name of the Course	Male	Female	Total
Undergraduate	437	280	717
Postgraduate	222	206	428
Ph.D. Programme	21	23	44
TOTAL	680	509	1,189

ENROLLMENT

Number of students enrolled under various reserved categories in Undergraduate, Postgraduate and Ph. D. Programmes during the session 2015-16.

Courses by level of Education	General		SC		ST		OBC		NRI		Kashmiri Migrant		Physically Challenged		Foreign Nationals		Armed Personal		MEA (Welfare)		Total Enrolment (All Categories)				
	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	C	B	C	B	C	B	G	Boys	Girls	Total
Bachelor of Architecture	23	26	10	4	5	2	26	2	3	5	-	1	3	-	2	1	-	-	-	-	-	72	41	113	
Bachelor of Planning	7	5	4	1	2	1	6	2	1	1	-	-	1	-	-	-	-	-	-	-	-	21	10	31	
Master of Planning with specialization in Urban Planning	5	12	3	1	1	1	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-	14	18	32	
Master of Planning with specialization in Regional Planning	1	5	2	-	-	1	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7	8	15	
Master of Planning with specialization in Environmental Planning	4	4	2	-	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7	15	
Master of Planning with specialization in Housing	1	11	2	1	-	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14	22	
Master of Planning with specialization in Transport Planning	10	3	3	-	-	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	18	5	23	
Master of Architecture with specialization in Architectural Conservation	2	6	-	2	-	-	3	1	-	-	-	-	-	-	-	1	-	-	-	-	-	5	10	15	
Master of Urban Design	6	4	2	2	1	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	11	8	19	
Master of Design (Industrial Design)	9	4	3	-	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	12	9	21	
Master of Landscape Architecture	4	9	3	1	-	1	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	8	16	24	
Master of Building Engineering and Management	12	5	3	1	2	-	5	4	-	-	1	-	-	-	2	-	-	-	-	-	-	25	10	35	
Ph.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	83	94	37	13	11	10	64	29	4	7	1	1	4	1	4	2	-	-	-	-	-	208	157	365	

RESERVATION OF SEATS

Undergraduate, Postgraduate and Ph. D. Programmes

Category	Percent of Total Intake	Remarks
Scheduled Castes	15	-
Scheduled Tribes	7.5	-
Other Backward Class	27	-
Physically Challenged	3	Reservation is in built in the SC, ST and OBC categories
Armed Personnel: Widows of personnel of Armed/ Para-military Forces killed or disabled in action during hostilities	Two seats: 1 each in B.Arch. and B. Plan. Programmes only	-
Kashmiri Migrant (in addition to the sanctioned intake).	1 seat each for UG courses and 2 seats (one for Planning stream and one for Architecture Stream of PG)	-

NUMBER OF BOYS AND GIRLS PASSED FROM VARIOUS COURSES DURING 2014-15 (MAY, 2015):

Name of the Course	Number of Students Passed with Distinction		First Class		Second Class		Total		Total
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
Bachelor of Architecture	9	7	72	28	-	-	81	35	116
Bachelor of Planning	-	1	21	11	3	-	24	12	36
Master of Planning with specialization in Urban Planning	-	5	13	13	-	-	13	15	31
Master of Planning with specialization in Regional Planning	-	-	11	4	-	-	11	4	15
Master of Planning with specialization in Environmental Planning	-	-	6	7	-	-	6	7	13
Master of Planning with specialization in Housing	-	3	11	8	-	-	11	11	22
Master of Planning with specialization in Transport Planning	1	3	10	6	-	-	11	9	20
Master of Architecture with specialization in Architectural Conservation	-	-	3	10	1	-	4	10	14
Master of Design (Industrial Design)	5	1	2	6	-	-	7	7	14
Master of Urban Design	-	-	13	7	-	-	13	7	20
Master of Landscape Architecture	-	-	8	11	-	-	8	11	19
Master of Building Engineering and Management	2	-	17	10	-	-	19	10	29
Ph.D. Programmes	-	-	-	-	-	-	1	2	3
Grand Total	17	20	187	121	4	-	209	143	352

CUMULATIVE OUT-TURN

The cumulative out-turn of the students qualified in various courses from the inception of the School till 2014-2015

Name of the Course	Cumulative Out-turn		Total
	2013-2014	2014-2015	
Bachelor of Architecture	3021	116	3137
Bachelor of Planning	408	36	444
Master of Planning with specialization in Urban Planning	521	31	552
Master of Planning with specialization in Regional Planning	257	15	272
Master of Planning with specialization in Environmental Planning	246	13	259
Master of Planning with specialization in Housing	498	22	520
Master of Planning with specialization in Transport Planning	400	20	420
Master of Architecture with specialization in Arch. Conservation	193	14	207
Master of Design (Industrial Design)	190	14	204
Master of Urban Design	397	20	417
Master of Landscape Architecture	481	19	500
Master of Building Engineering and Management	489	29	518
Ph.D. Programmes	44	3	47
Master's Degree Course in Urban and Regional Planning	140	-	140
Post-Graduate Diploma Courses in (equivalent to Master's Degree) i) Urban and Regional Planning ii) Housing and Community Planning iii) Traffic and Transportation Planning	603	-	603
TOTAL	7,888	352	8,240

THIRTY SECOND CONVOCATION

The Thirty Second Convocation of the School was held on 9 September 2015. Professor A.G.K. Menon, was the Chief Guest and Prof. Ashok B. Lal, 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. Prof. Ram Sharma delivered welcome speech and Prof. Chetan Vaidya briefed about the achievements of the School. Prof. Ashok B. Lal addressed the gathering and Professor A.G.K. Menon, 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. were published and circulated. Chairman, Executive Council admitted 230 post-graduands, 93 graduands and 1 Ph.D. graduand in person and in absentia for the award of Degree in their respective disciplines. During the function, the following awards and medals were conferred upon graduands by the Chief Guest and the Guest of Honour for the session 2013-14. Prof. Dr. Mandeep Singh, Dean of Studies delivered vote of thanks.

Postgraduates

SPA Gold Medal for the best student of Master of BEM was awarded to Ms. Meenakshi Goyal (BEM/550); for the best student of Master of Planning with specialization in Environmental Planning to Mr. Rajiv R. (EP/267); for the best student of Master of Planning with specialization in Transport Planning to Ms. Garima (TP/510); for the best student of Master of Planning with specialization in Urban Planning to Ms. Divya Gogra (UP/1071); for the best student of Master of Design with specialization in Industrial Design to Mr. Varun K. (ID/204); for the best student of Design with specialization in Urban Design Ms. Prern Chatterjee (UD/612). Founder Director Prof. T.J. Manickam Gold Medal was awarded for the best overall performance to an undergraduate and a postgraduate student. These two awards were conferred on Ms. Gargi Singh, (BP/498) a student of Bachelor of Planning and Mr. Debojyoti, Mukherjee (EP/271) a student of Master Planning with Specialisation in Environmental Planning.

Undergraduates

SPA Gold Medal for the best student in Bachelor of Architecture was awarded to Ms. Antra Tandon (A/2126), for the best student in Bachelor of Planning to Ms. Gargi Singh (BP/498). SPA Gold Medal for the best Thesis in Bachelor of Architecture was awarded to Syed Hamdan Hussain and for the best Thesis in Bachelor of Planning was awarded to Mr. Sayan Halder (BP/510). General Proficiency Prizes in B. Arch. – First Prize – Ms. Antra Tandon (A/2126) and Second Prize – Ms. Kanika Jain (A/2017). General Proficiency Prizes in Bachelor of Planning – First Prize – Mr. Sayan Halder (BP/510) and Second Prize were awarded to Mr. Ujjwal Garg (BP/495).

FOUNDATION DAY

The Foundation Day of the School was celebrated on 19 November, 2015. Dr. P.S. Rana, an eminent planner presided over the function and Ar. Virender Khanna, Guest of Honour, delivered the address on the Foundation Day. Prof. Ram Sharma, Chairman, Executive Council of the School was also present during the function to grace the occasion. During the function, the following awards and scholarships were given away to the students by Dr. P.S. Rana, Chief Guest and Guest of Honour Ar. Virender Khanna:-

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. This award is conferred on a student who secures highest marks in the Third Year B. Arch. Examination. For the session 2014-15, this Award

was given to Mr. Milind Goel (A/2456) III B.Arch.

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. Tamana Arora (A/2364) for the session 2014-15.
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 of 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 (i) Mr. Vishal Singh Sengar (ID/223) and (ii) Mr. Manish Mukul Louis Tigga (ID/240) for the session 2014-15.
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 of Landscape Architecture for the best overall performance in Landscape Architecture Studio in four semesters. The award was given to Ms. Venkata Lakshmi V (LA/526) for the session 2014-15.
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 of Landscape Architecture. The award was given to Ms. Venkata Lakshmi V (LA/526) for the session 2014-15.
6. **PROF. N.S. SAINI GOLD MEDAL** is given out of endowment fund made in the memory of late Prof. N.S. Saini, and is awarded for securing highest marks in Thesis, amongst the students of Master of Planning with specialisation in Urban or Regional Planning. The award was given to Ms. Neha Prakash (UP/1116) for the session 2014-15
7. **PROF. S.K. NARAYANA MEMORIAL ALUMNI GOLD MEDAL** is given out the endowment made in the memory of late Prof. S.K. Narayana, and is awarded to a student for the best thesis in Building Engineering and Management. The award was given to Mr. Nitin Singla (BEM/580) for the session 2014-15.
8. **KAJARIA MERITORIOUS STUDENT AWARD** (Three Awards) is given out of the endowment made by Messors Kajaria Ceramics Limited and awarded for fifth year B.Arch. students who secure highest marks in order of their merit. For the session 2014-15, the awards were given to the following students:
(3 students)
 - i) Mr. Faizan Zahid (A/2272)
 - ii) Ms. Renuka Singh (A/2229)
 - iii) Mr. Aneesh Nandi (2214)
9. **KOHLAR ARCHITECTURE SCHOLARSHIP** (Five Awards) is given by Messors Kohler India Corporation Pvt. Ltd. and was awarded to fifth year B.Arch. students on the basis of all round performance up to fourth year class. The awards were given to the following students for the session 2014-15:
 - i) Ms. Gunjan Aggarwal (A/2334)

- ii) Mr. Michael Vivan Ekka (A/2408)
 - iii) Ms. Bhaswati Mukherjee (A/2332)
 - iv) Ms. Nishita Mohta (A/2319)
 - v) Ms. Shamita Choudhary (A/2322) and
Ms. Tamanna Arora (A/2193)
10. **APOORVA RUSTAGI SCHOLARSHI** (2 students) is jointly given by Ms. Seema Rustagi (family of Apoorva) and alumni of BEPLANNERS in memory of Late Ms. Apoorva Rustagi, Ex-Student of Bachelor of Planning and was awarded to Female Students of third and fourth year of Bachelor of Planning course. The awards were given to the following students for the session 2014-15:
- i) Ms. Saneera Dev (BP/571) (Third Year B. Planning)
 - ii) Ms. Monika Pal (BP/595) (Fourth Year B. Planning)
11. **The J.K. Chowdhury Award** is an award given out of the endowment fund in the memory of Late Padamshree J.K. Chowdhury, Eminent Architect. It is awarded to a student who secures the highest marks in the Architecture Design subject in the Third year B. Arch. Examination. The award is given to Mr. Ayush Kamalia (A/2437) for the session 2014-15.

DIRECTOR'S PARTICIPATION IN PROFESSIONAL ACTIVITIES-2015-16

International

Chairman/Member of Committee/ Expert Groups

- Director (Additional Charge) SPA Bhopal from October 26, 2015
- Member, "National Habitat Committee" set up by Ministry of Housing and Urban Poverty Alleviation.
- Chairman, All India Planning Education Board, AICTE, New Delhi.
- Trustee, Indian Heritage Cities Network, Bangalore.
- Member, National Appraisal Committee on Tagore Cultural Complexes, Ministry of Culture, Government of India (GOI).
- Member, Project Appraisal Board, Design Innovations Center and National Design Network set up by Ministry of Human Resource Development (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.
- Member Advisory Council Chief Minister of MP.
- Member, State Level Strategic Urban Expert Committee set up by Andhra Pradesh State Government.
- Chairman Sectional Committee on Architecture, Planning, Design and Heritage, "Global Initiative for Academic Networking (GIAN), MHRD.
- Member, Green Cities Technical Committee, Indian Green Building Congress.
- Jury Member, Silver Jubilee Year, J. K. Architect of the Year Award 2015.
- PhD Thesis Examiner, Design Department, IIT Guwahati.
- Member, UGC Expert Committee on introduction of Letter of Intent (LOI) for approval and review of Space Norms for Deemed Universities.
- Reviewer for proposals under IMPRINT (Impacting, Research, Innovations and Technology) Program of MHRD coordinated by IIT Kanpur.

Presentations / Papers/Panel Member

- Participated in "Visitor's Conference 2015" for Vice Chancellors and Directors of Centrally Funded Institutions, Rashprati Bhawan, New Delhi, November 4-6, 2015.
- Delivered the Valedictory Address for National Conference on, "Delhi: Seven Cities to Smart City" organized by IIPA and DDA, New Delhi, July 23, 2015.
- Panel Member, "Desi Design-Make in India" as part of Design x Design Round Table organized by Alliance Francaise New Delhi, July 30, 2015.
- Paper on, "Sustainable and Smart City Greenfield" jointly with Dr. Neha Tripathi International

Conference on Sustainable and Inclusive Urban Development in India organized by Institute of Human Development, NITI Aayog and University of Florida, New Delhi August 1-3, 2015.

- Panel Member in Session on Smart Financing as part of “Smart City Landscape 2015 Conference” organized by Information Exchange Group, New Delhi, September 10, 2015
- Panel Member, Workshop Developing Smart, Healthy and Sustainable Cities-Learnings from USA, China and India organized by ICELI and University of Minnesota, New Delhi, 11-12 January, 2016
- Key Note Speaker, “Future Scenarios for an Understanding India” organized by ORF and PRIO, New Delhi, Feb. 8-9, 2016.
- Panel Member in Session on “Smart City Program” in Build India Conclave, organized by Mail Today Newspaper, New Delhi, Feb.8, 2016.
- Moderator Panel discussion on “Reduce Vulnerability and Insecurity in Informal City” as part of Urban Thinkers Campus-Inclusive Cities, organized by Habitat for Humanities, India, New Delhi, Feb. 11-12, 2016.
- Presentation on, “Planning for Inclusive Cities under Urban Missions in India” in Workshop on Inclusive, Sustainable and Smart Cities, organized by IITM and University of Bradford, UK in Chennai on March 24-52, 2016.
- Chairman session on, “Managing Urban Expansion in Indian Cities” as part of Workshop on Connect Karo Advancing Ideas for Action in Indian Cities organised by the WRI India, New Delhi, April 7, 2016.
- Member Panel on, “Urban Planning” in BRICS Friendship Cities Conclave organised by Ministry of External Affairs, Maharashtra Government and Mumbai First, Mumbai April 15-16, 2016.
- Presentation on, “Urban Planning and Sustainable Development Goals (SDG)” during Round Table Conference on SDGs, Climate Change and Habitat III organised by NITI Ayog, Ministry of Housing and Urban Poverty Alleviation and Vigyan Bharati, New Delhi, July 17, 2016.

Publications

- Book Chapter on, “Urban Governance” in Status of Urban Child in India, Save the Children, New Delhi, 2015.
- “ICT has a key role in retrofitting existing cities and green development” Interview published Economic Times online. September 30, 2015.
- “A New Approach to City Planning in India: Needed” published in BW Smart City World Journal, September-December 2015.
- “Smart and Resilient Cities” Note in Southasiaaisaster.net Online Newsletter of All India Disaster Management India (AIDMI) Ahmedabad, November 2015.
- “Urban Planning Approach in Amrut, Hriday and Housing for All Missions in India” paper published in Spandral Journal Spring 2015-16, SPA Bhopal

Others

- Member, Panel Discussion on, “Architecture and Heritage” organized by French Embassy and DD Bharati TV, January 27, 2016.
- TV Interview on Livable Cities of India in Zee Business News, March 14, 2016
- Panel member, Discussion on, “Environment and Architecture” in AIR FM Rainbow on March 28, 2016.
- TV interview on, “Urban Water Logging and Traffic Jams” aired by DD News on July 31, 2016.

DEPARTMENT OF ARCHITECTURE

1. Name of the Department

Department of Architecture

2. Names of academic programs offered by the department

- Bachelor of Architecture
- Ph.D.

3. Year of establishment of the department

1941

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Areas of Specialization	Number of Years of Experience	COA Registration
Professors				
Mandeep Singh	B.Arch., SPA Delhi, 1979; M. Arch (UD), 1986; Ph.D. 2014	Architectural Design, Urban Design, Earthquake Resistant Architecture	36	CA/80/5693
M L Bahri	B. Arch , SPA Delhi, 1975	Architectural Design, Building Construction	40	CA/1980/05677
Manoj Mathur	B.Arch., SPA Delhi, 1982; PG Dip. in Health Facilities, 1989	Architectural Design, Housing, Building Services, Architectural History	33	CA/ 84/ 8183
Aruna Ramani Grover	B.Arch, SPA Delhi, 1984; Masters In Urban Planning (Housing), SPA, 1995; Ph.D. 2012	Architectural Design, Housing, Architectural History	31	CA/85/9202
Anil Dewan	B.Arch., SPA Delhi, 1982; MBEM, SPA, 2003; Ph.D. 2012	Architectural Design, Health Facility Planning, Project Management	33	CA/83/7565
Jaya Kumar	B. Arch, SPA Delhi, 1979; Ph.D. 2013	Environment Planning For Children, Architectural Design	36	CA/81/6122
Ranjana Mital	B.Arch., SPA Delhi, 1979; Ph.D., 2003	Architectural Design, Architectural History, Housing	36	CA/ 81/ 06196

YK Jain	B.Sc. (CE), Punjab Engineering College, 1976; M.Sc. Engg Civil (Structural), 1980	Structural Engineering	39	Registered with IE
Associate Professors				
Leon A Morenas	B. Arch, Thiagarajar College Of Engineering, Madurai, 2000; M. Arch (UD), SPA-Delhi, 2002; Ph.D. Rennselaer Polytechnic Institute, New York, USA, 2010	Architectural Design, Urban Design, Theory Of Design, Science And Technology Studies	9	CA/2011/51131
Shweta Manchanda	B. Arch, SPA Delhi, 1998 M. Phil, 2000 Ph.D., Cambridge University, 2008	Architectural Design, Environmental Design, Energy Management	13	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	26	CA/93/15532
S K Aaditya	B.Arch., VRCE, Nagpur, 1986	Architectural Design	27	CA/88/11735
Parul Kiri Roy	B.Arch. M.F.A (History of Art)	Architecture Research and Design, Visual Communication, History of Art, Theory	13	CA/2001/28679
Shuvojit Sarkar	B.Arch., TVB, Delhi, 2002; M. Plan (Env.) SPA Delhi, 2005	Architectural Design, Environmental Planning	12	CA/2004/32924
Prabhjot Singh Sugga	B.Arch., SPA, 2001; MS (UP), Columbia University, USA, 2004	Architectural Design, Vernacular Architecture, Disaster Management	12	CA/2008/42234

S P Shrivastava	B.Sc. Engg., (Civil), 1984; ME (Civil), 1991	Soil Mechanics And Foundation Engineering	22	Registered with IE, IASE
Moulshri Joshi	B.Arch., SPA, Delhi, 2003	Architectural Design, Industrial Heritage	12	CA/2005/36850
Arpita Dayal	B.Arch., Vastu Kala Academy, Delhi, 2003; M. Arch.(UD), SPA, New Delhi, 2009	Architectural Design, Urban Design	10	CA/2007/39718
Anjali Mittal	B.Arch. TVB, Delhi 2005; M.Sc.(City Design and Social Science), LSE, London, 2008	Architectural Design, Urban Design, Urban Planning And Policy, Sociology	10	CA/2009/45148
Mekhla Parihar	B.Arch. – MANIT, Bhopal; M. Arch. Kansas State University, Kansas, USA	Architectural Design, Building Construction, Environment Behavior	10	CA/2007/39659
Saptarshi Sanyal	B. Arch; M. Arch (Architectural Conservation)	Architectural Design, History of Architecture, Theory of Settlements, Graphics and Visual Arts	8	CA/2009/46924
Aarti Nagpal	B.Arch. DCRUST Murthal 2008; M. Plan (UP), MNIT, Jaipur 2011; PGPCM (Const. Mgmt.), SODE-NICMAR, 2011	Architectural Design, Building Construction, Urban and Environment Planning, Sustainable Development, Interior Design, Construction and Project Management.	6	CA/2009/45861
Vandana Kothari	M.F.A. With Specialization in History of Art	Painting, Sculpture, Graphic Design, Photography, History of Art	15	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
Mandeep Singh	July-Dec 2015	Architectural Design IV	6
	Jan- May 2016	Architectural Design III	6

M L Bahri	July-Dec 2015	Architectural Design, Building Construction (Lecture and Studio), Dissertation Guide	16
	Jan- May 2016	Architectural Thesis, Building Construction (Lecture and Studio)	14
Manoj Mathur	July-Dec 2015	Architectural Design IV, Building Construction IV	13
	Jan- May 2016	Architectural Design III, History of Architecture II	11
Aruna Ramani Grover	July-Dec 2015	Architectural Design V, Urban Design Research V, History of Architecture III	13
	Jan- May 2016	Architectural Thesis V, History of Architecture III, Practical Training IV	14
Anil Dewan	July-Dec 2015	Architectural Design IV, Building Management V, Elective V, Dissertation V	14
	Jan- May 2016	Architectural Design II, Building Management IV, Elective V, Graphics II, Practical Training	14
Jaya Kumar	July-Dec 2015	Architectural Design III, Dissertation V	13
	Jan- May 2016	Architectural Design III, Elective V, Architectural Thesis V, Practical Training	14
Ranjana Mital	July-Dec 2015	Architectural Design IV, Seminar V, Dissertation IV	13
	Jan- May 2016	Graphics I, Architectural Design I, Practical Training Coordinator IV	14
Y.K. Jain	July-Dec 2015	Theory of Structures II and III, Building Management III	13
	Jan- May 2016	Theory of Structures II and III, Building Management III	14
Leon A Morenas	July-Dec 2015	Architectural Design I, Theory of Settlements, Elective and Dissertation (Coordinator and Guide)	16
	Jan- May 2016	Architectural Design II, Theory of Design, Elective, Graphics	17
Shweta Manchanda	July-Dec 2015	Architectural Design – III, Building Science and Services 7- IV, Architectural Dissertation - IV	15
	Jan- May 2016	Architectural Design -III , Building Science and Services 2 – I, Architectural Elective – V, Thesis Technology – V	15
Rajaprakash P.	July-Dec 2015	Architecture Design, Theory of Design, Building Construction	15
	Jan- May 2016	Dissertation, Architecture Design Building Construction , Theory of Structures, BSS2	18

S K Aaditya	July-Dec 2015	Architectural Design I, Workshop I, Building Construction III and IV, Environmental Sciences	18
	Jan- May 2016	Architectural Design I, Building Management V, Building Construction I, Architectural Thesis V	17
Parul Kiri Roy	July-Dec 2015	Architecture Design, Building Construction, Graphics and Communication, History of Architecture, Dissertation	19
	Jan- May 2016	Architecture Design, Building Construction, Graphics and Communication, History of Architecture	19
Shuvojit Sarkar	July-Dec 2015	Architectural Design I, Building Science and Services I, Dissertation IV, Graphics and Communication I, Workshop and Elective I	24
	Jan- May 2016	III Year Building Management, I Year Structures, IV Year Elective, II Year Structures, I Year Environmental Studies	16
Prabhjot Singh Sugga	July-Dec 2015	On leave	
	Jan- May 2016	On leave	
S.P. Shrivastava	July-Dec 2015	Building Management I, Theory of Structures I	16
	Jan- May 2016	Building Management III, Theory of Structures I, II and III	18
Moulshri Joshi	July-Dec 2015	On leave	-
	Jan- May 2016	Architectural Design II, Theory of Settlements III, Theory of Design I, Graphics II,	18
Arpita Dayal	July-Dec 2015	Architectural Design I, Building Construction I, History of Architecture III, Dissertation IV, Seminar V	18
	Jan- May 2016	Architectural Design I, Building Construction I, Art Appreciation II, History of Architecture III	18
Anjali Mittal	July-Dec 2015	Architecture Design, Computers, Theory of Settlement, Theory of Structures, Seminar, Dissertation	20
	Jan- May 2016	Architecture Design, Theory of Design, Computers, Theory of Structures, Building Management	18
Mekhla Parihar	July-Dec 2015	Architectural Design II, Building Construction II, Graphics II, Building Science and Services II, Dissertation (Guide) IV	18
	Jan- May 2016	Architectural Design II, Building Construction II, Building Science and Services II, Theory of Structures II	18

Saptarshi Sanyal	July-Dec 2015	Architectural Design (Studio), Arts and Graphics (Studio), History of Architecture, Theory of Settlements, Dissertation	18
	Jan- May 2016	Architectural Design (Studio), History of Architecture, Theory of Settlements, Seminar, Structural Mechanics	19
Aarti Nagpal	July-Dec 2015	On leave	
	Jan- May 2016	On leave	
Vandana Kothari	July-Dec 2015	Basic Design and Visual Arts I , Art Appreciation III, Dissertation	17
	Jan- May 2016	Graphics XG02 and XG04, Art appreciation IV	17

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
Rajaprakash	July-Dec 2015	Hydrology (Theory) (Landscape Department)	2
Anjali Mittal	July-Dec 2015	Socio-Economic Base for Planning (M. Planning first year integrated course)	1.5
	Jan-May 2016	Sociology (Department of Physical Planning)	1.5
Saptarshi Sanyal	Jan-May 2016	B. Plan (Dept. Of Physical Planning)	1
		Planning Communication (Photography)	

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

Visiting Professors:

S. No.	Name of the Visiting Faculty / Professor	Post	Semester	Subjects (Theory / Studios)	Hours per Week	Educational Qualifications	COA Registration
1	Anil B. Jain	Faculty Professor	July – Nov, 2015	Building Construction	3		
			Jan – Apr, 2016	Architectural Thesis	9		
2	Amit Bahl	Professor	July – Nov, 2015	-		B. Arch.1996	CA / 1997/22298
			Jan – Apr, 2016	Architectural Design	9		

3	Amit Hajela	Professor	July – Nov, 2015	Architectural Design / Urban Design	12	B.Arch., 1989 M.Arch, SPA, 1992, PhD, SPA, 2012	CA/92/926
			Jan – Apr, 2016	Architectural Design / Urban Design	12		
4	Anil Bhatia	Professor	July – Nov, 2015	Architectural Design	9	B.Arch., 1982	CA/87/11161
			Jan – Apr, 2016	-			
5	Anuj Mehta	Professor	July – Nov, 2015	-		B.Arch., 1987	CA 88/11912
			Jan – Apr, 2016	Architectural Design	9		
6	Ashok Grover	Professor	July – Nov, 2015	Building Construction / Building Science / Services	12	B. Arch. SPA, New Delhi - 1980 M. Arch. (Arch. Design), Chitkara University, 2012	CA/82/6756
			Jan – Apr, 2016	Building Construction / Building Science / Services	12		
7	Ashwani Kumar Datta	Professor	July – Nov, 2015	Architectural Design	9	B.Arch., 1986 M.Arch., USA, 1989	CA/92/14507
			Jan – Apr, 2016	Architectural Design / Building Construction	12		
8	B K Tanuja	Professor	July – Nov, 2015	-		B. Arch., 1980	CA/82/7078
			Jan – Apr, 2016	Architectural Thesis	9		
9	Bashabi Dasgupta	Faculty Professor	July – Nov, 2015	Architectural Design / Urban Design	11	B.Arch., 1969	CA/85/9333
			Jan – Apr, 2016	Architectural Thesis	13		
10	Deepti Gupta	Professor	July – Nov, 2015	Theory of Structures / Building Management / Dissertation	13	B.Arch., 1990 MBEM, 1995	CA/91/13696
			Jan – Apr, 2016	Theory of Structures / Building Management	12		
11	Meena Mani	Professor	July – Nov, 2015	Architectural Design	9	B. Arch. 1971	CA/82/6996
			Jan – Apr, 2016	Architectural Thesis	9		

12	Peu Banerjee	Professor	July – Nov, 2015	Architectural Design	9	B. Arch. 1992 M.Phil, 2005	CA/93/16363
			Jan – Apr, 2016	Architectural Design	9		
13	Priyamwada Chadha	Professor	July – Nov, 2015	Architectural Design	9	B. Arch. 1978	CA/79/5349
			Jan – Apr, 2016	-			
14	Richard Andre Barroud	Professor	July – Nov, 2015	Architectural Design / Building Construction	13	B.Arch., 1979	CA/87/11219
			Jan – Apr, 2016	Architectural Design / Building Construction	13		
15	Sambuddha Sen	Professor	July – Nov, 2015	Architectural Design	9	B. Arch. 1973	CA/75/736
			Jan – Apr, 2016	Architectural Thesis	9		
16	Sandip Kumar	Professor	July – Nov, 2015	Architectural Design / Seminar	12	B.Arch., 1992	CA/94/17309
			Jan – Apr, 2016	Architectural Thesis	9		
17	Satish Khanna	Professor	July – Nov, 2015	Architectural Design / Dissertation	13	B. Arch. SPA-Delhi, 1972	CA/75/448
			Jan – Apr, 2016	Architectural Thesis / Building Construction	12		
18	Sanjiv Sood	Professor	July – Nov, 2015	-			
			Jan – Apr, 2016	Architectural Thesis	9		
19	Shiriesh Malpani	Professor	July – Nov, 2015	Architectural Design	9	B. Arch. 1978	CA/79/5314
			Jan – Apr, 2016	Architectural Thesis	9		
20	Snehanshu Mukherjee	Professor	July – Nov, 2015	Architectural Design	9	B.Arch., 1982 M.Arch. 1988	CA./84/8545
			Jan – Apr, 2016	Architectural Thesis	9		
21	Sonia Kapre	Faculty Professor	July – Nov, 2015	Building Construction	4	B.Arch., 1977	CA/78/4696
			Jan – Apr, 2016	Architectural Thesis	12		
22	Sudhir Vohra	Professor Faculty	July – Nov, 2015	Architectural Design	9	B.Arch.	80/5697
			Jan – Apr, 2016	Building Management	4		

23	Sushil Aggarwal	Professor	July – Nov, 2015	Architectural Design	9	B.Arch. 1984	CA/85/9137
			Jan – Apr, 2016	Architectural Thesis	9		
24	Uday B. Kapre	Faculty Professor	July – Nov, 2015	Theory of Structures	3		
			Jan – Apr, 2016	Architectural Thesis	9		
25	Vandana Shourie	Professor	July – Nov, 2015	-		B.Arch., 1976	CA/77/4196
			Jan – Apr, 2016	Graphics / Architectural Thesis	13		
26	Vijay Garg	Professor	July – Nov, 2015	Building Construction / Building Management	12	B.Arch., 1989, PGD (HRD), 1994	CA/13667
			Jan – Apr, 2016	Building Construction / Architectural Thesis	13		

Visiting Faculty:

S. No.	Name of the Visiting Faculty / Professor	Post	Semester	Subjects (Theory / Studios)	Hours Week	Educational Qualifications	COA Registration
1	Abid Husain	Faculty	July – Nov, 2015			B.Sc., 1980	-
			Jan – Apr, 2016	Building Science / Services	2		
2	Abhay Ghate	Faculty	July – Nov, 2015	Theory of Structures	4		
			Jan – Apr, 2016	-			
3	Adhir Kumar Paul	Faculty	July – Nov, 2015	Theory of Structures	3		
			Jan – Apr, 2016	-			
4	Ajay Desai	Faculty	July – Nov, 2015	Graphics	6	B.F.A , M.F.A	-
			Jan – Apr, 2016	-			
5	Akshay Shrinagesh	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	Architectural Design	6		

6	Alisa Akbar	Faculty	July – Nov, 2015	Architectural Design	6		CA/ 2008/43639
			Jan – Apr, 2016	Architectural Design	6		
7	Alok Sahdev	Faculty	July – Nov, 2015	Building Management	2		
			Jan – Apr, 2016				
8	Amar Puri	Faculty	July – Nov, 2015	Building Construction	5	B.Arch., 1973	CA/77/3700
			Jan – Apr, 2016	Building Construction	4		
9	Amardeep Labana	Faculty	July – Nov, 2015	Architectural Design / Theory of Settlements	11		
			Jan – Apr, 2016	Architectural Design / Theory of Structures	12		
10	Ameet Babbar	Faculty	July – Nov, 2015	Building Management	4		
			Jan – Apr, 2016	-			
11	Amit Krishn Gulati	Faculty	July – Nov, 2015	-		Dip. Industrial Design, SLPEP, Ahmedabad, 1995	Nil
			Jan – Apr, 2016	Elective	2		
12	Amit Kumar	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Computers	4		
13	Amritha Ballal	Faculty	July – Nov, 2015	Theory of Settlements / Seminar	5	B. Arch.2003	CA/ 2005/36966
			Jan – Apr, 2016	-			
14	Anamika Bagchi	Faculty	July – Nov, 2015	Theory of Settlements	2		
			Jan – Apr, 2016	Architectural Thesis	2		
15	Andre J. Fanthome	Faculty	July – Nov, 2015	Elective	2	B.A.Eco., 2002	Nil
			Jan – Apr, 2016	-			
16	Anika Mittal	Faculty	July – Nov, 2015	Dissertation	4		
			Jan – Apr, 2016	-			

17	Anil Kumar	Faculty	July – Nov, 2015	Building Management	3		
			Jan – Apr, 2016	Building Management	3		
18	Ankon Mitra	Faculty	July – Nov, 2015	Mathematics	6		
			Jan – Apr, 2016	-			
19	Archana Gupta	Faculty	July – Nov, 2015	-		Dip. In Arch., 1997, M.Sc. in Sustainable Development, 2009	Member
			Jan – Apr, 2016	Theory of Design	2		
20	Archana Khanna	Faculty	July – Nov, 2015	Dissertation	4	B.Arch., 1991, M.U.D. 1993	CA/ 92/14678
			Jan – Apr, 2016	Architectural Thesis	2		
21	Arun Kumar Agarwal	Faculty	July – Nov, 2015	Theory of Structures	1		
			Jan – Apr, 2016	-			
22	Ashok Kumar Mittal	Faculty	July – Nov, 2015	Theory of Structures	6	ME (Structures), PhD	NIL
			Jan – Apr, 2016	-			
23	Ashutosh Joshi	Faculty	July – Nov, 2015	Building Construction	4		
			Jan – Apr, 2016	-			
24	Ashwani Kumar Jha	Faculty	July – Nov, 2015	Mathematics	6	B.SC (Hos), 1994	-
			Jan – Apr, 2016	-			
25	Bhaskar Agarwal	Faculty	July – Nov, 2015	Computer	2	B. Arch, 2008, M. Arch. 2012	CA/ 2009/44952
			Jan – Apr, 2016	-			
26	Buddadev Mukherjee	Faculty	July – Nov, 2015	Graphics	9	B.E.,M.E. Ph.D	Registered with IE
			Jan – Apr, 2016	-			
27	Chitra Chitrashekhar	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Elective	2		

28	Czaee Malpani	Faculty	July – Nov, 2015	Theory of Design / Dissertation	6	B.Arch., 2007, M.Arch., 2011	CA/ 2008/42006
			Jan – Apr, 2016	Theory of Design	2		
29	Deepak Madhok	Faculty	July – Nov, 2015	Building Construction	5	N.D. Arch., 1975	CA/ 76/2541
			Jan – Apr, 2016	Building Construction	5		
30	Deepak Taneja	Faculty	July – Nov, 2015	Building Construction / Theory of Structure	6		
			Jan – Apr, 2016	Architectural Thesis	3		
31	Dhiraj K. Khanna	Faculty	July – Nov, 2015	Building Construction	4	B. Arch.SPA, 2000	CA/ 2001/27412
			Jan – Apr, 2016	Building Construction	4		
32	Divya Chopra	Faculty	July – Nov, 2015	Architectural Design / Seminar	12	B. Arch.2005, M. Arch. 2007	
			Jan – Apr, 2016	Elective	2		
33	Francis Joseph	Faculty	July – Nov, 2015	Graphics	6	B.E. (Mech.)1988, AEP Produce Design Diploma, 1991	-
			Jan – Apr, 2016	Graphics	9		
34	Gaurav Sharma	Faculty	July – Nov, 2015	Architectural Design	9	B. Arch.2002,	CA/ 2002/30516
			Jan – Apr, 2016	Architectural Design / Theory of Structures	12	M. Sc (AC), 2006	
35	Gaurav Shorey	Faculty	July – Nov, 2015	Building Science / Services / Seminar	5	B.Arch., 2004, PG Dip. in Advanced Construction Mgmt., 2006	-
			Jan – Apr, 2016	-			
36	Gauri S Ghai	Faculty	July – Nov, 2015	Architectural Design	9	B.Arch., 2001 M.Arch	CA/ 2002/30152
			Jan – Apr, 2016	Architectural Design	9		
37	Gunjan Jain	Faculty	July – Nov, 2015	Building Science / Services / Elective	8	B. Arch.2003 M.Plng, SPA, 2005	CA/ 2005/35994
			Jan – Apr, 2016	-			

38	H R Malik	Faculty	July – Nov, 2015	Building Construction	8		
			Jan – Apr, 2016	-			
39	Henri A Fanthome	Faculty	July – Nov, 2015	Architectural Design	9	B.Arch., 2004	CA/ 2005/37105
			Jan – Apr, 2016	Architectural Design	9		
40	Hrishikesh	Faculty	July – Nov, 2015	Workshop	9		
			Jan – Apr, 2016	-			
41	Jagdish Ch/er Wason	Faculty	July – Nov, 2015	Theory of Structures	13	Dip. in Civil Engg., 1959, AMIE, 1964 ME(Civil), 1976	Registered with IE
			Jan – Apr, 2016	Theory of Structures / Elective	7		
42	Jensil John	Faculty	July – Nov, 2015	Computer	2	B.Arch., 2006 M.Arch., 2011	CA/ 2007/40764
			Jan – Apr, 2016	Computer	4		
43	Jolly Rohtagi	Faculty	July – Nov, 2015	Theory of Settlements	2		
			Jan – Apr, 2016	-			
44	Kailash Chand Yadav	Faculty	July – Nov, 2015	Theory of Structure	8		
			Jan – Apr, 2016	-			
45	Kalpana Sethi	Faculty	July – Nov, 2015	Elective / Architectural Design	5	B.Arch., 1977 PG Dip. In I R / HR	CA - 7068
			Jan – Apr, 2016	Architectural Thesis	12		
46	Kanak Tiwari	Faculty	July – Nov, 2015	Dissertation	4	B.Arch., 2001, M. U.D., 2003	CA/ 2003/31017
			Jan – Apr, 2016	-			
47	Kanika Singal	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Building Management	2		
48	Kapil Chaudhary	Faculty	July – Nov, 2015	Theory of Structures	6	Civil, A.I.E	-
			Jan – Apr, 2016	-			

49	Kapil Mathur	Faculty	July – Nov, 2015	Theory of Structures / Graphics	6	B. Arch. 1994	CA/ 96/20344
			Jan – Apr, 2016	Building Construction / Architectural Design	10		
50	Lalit Solanki	Faculty	July – Nov, 2015	Building Construction	8	B.Arch., 1983	CA-7564/ 1983
			Jan – Apr, 2016	Building Construction	8		
51	Madhav Raman	Faculty	July – Nov, 2015	Seminar	3	B. Arch. 2001	CA/ 2003/32089
			Jan – Apr, 2016	-			
52	Manish Gulati	Faculty	July – Nov, 2015	Architectural Design	6		
			Jan – Apr, 2016	-			
53	Manoj Kumar Mittal	Faculty	July – Nov, 2015	Theory of Structures	3	BE., 1985, MSc, 1985, MS, 2005	-
			Jan – Apr, 2016	-			
54	Meena Murthy Kakkar	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	Architectural Design	9		
55	Meenakshi Kumar	Faculty	July – Nov, 2015	Elective	2		
			Jan – Apr, 2016	-			
56	Mohd. A Pasha	Faculty	July – Nov, 2015	Building Construction / Theory of Structures	7	B.Arch. 2002	CA/ 2003/31300
			Jan – Apr, 2016	Building Construction / Theory of Structures	7		
57	Mohit Verma	Faculty	July – Nov, 2015	Architectural Design	9	B. Arch. SPA, 1999 MBA, 2013	CA/ 99/25267
			Jan – Apr, 2016	Architectural Design	9		
58	Mousumi Biswas	Faculty	July – Nov, 2015	Theory of Structures	10		
			Jan – Apr, 2016	Theory of Structures	10		

59	Mukesh Jain	Faculty	July – Nov, 2015	Theory of Structures / Building Management	10	AMIE, Civil Engg., 1986 MBA, Real Estate, 2009	-
			Jan – Apr, 2016	Theory of Structures / Building Management	7		
60	Mukta Naik	Faculty	July – Nov, 2015	Seminar	3	B.Arch., 1999, MURP Planning 2002	CA/ 2000/26556
			Jan – Apr, 2016	Architectural Thesis	2		
61	Neeraj Kapoor	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	Architectural Design	3		
62	Nimesh Pilla	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Elective	2		
63	Nirmal Kulkarni	Faculty	July – Nov, 2015	Seminar	3	GD Arch., 1980	CA/ 87/10556
			Jan – Apr, 2016	-			
64	Nishant Penjiyar	Faculty	July – Nov, 2015	Architectural Design	3		
			Jan – Apr, 2016	-			
65	Nishesh Jain	Faculty	July – Nov, 2015	Elective	2		
			Jan – Apr, 2016	--			
66	P. Majumder	Faculty	July – Nov, 2015	Building Construction	9	B.Arch. 1996 PG Dip.(Cert.) Arch. / Housing, 1972	CA / 76 / 3086
			Jan – Apr, 2016	Architectural Design	9		
67	P.C. Jain	Faculty	July – Nov, 2015	--		Ph.D., 1967 ND Arch, SPA, 1974	Registered with IE
			Jan – Apr, 2016	Building Science / Services	2		
68	P. C. Dhyani	Faculty	July – Nov, 2015	Building Management	4		
			Jan – Apr, 2016	-			
69	P.C. Jethi	Faculty	July – Nov, 2015	Building Construction	3	N.D. Arch., 1974	CA/76/2654
			Jan – Apr, 2016	-			

70	P.R. Mehta	Faculty	July – Nov, 2015	-		B.Arch , 1976 PG Dip in Arch (UD), 1979	CA/77/3604
			Jan – Apr, 2016	Building Management	4		
71	Pankaj Khanna	Faculty	July – Nov, 2015	Building Construction	4		
			Jan – Apr, 2016	Building Construction	4		
72	Pallav Kumar Agrawal	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Elective	2		
73	Pashim Tiwari	Faculty	July – Nov, 2015	Dissertation	4		
			Jan – Apr, 2016	-			
74	Pavan Kumar Gupta	Faculty	July – Nov, 2015	Building Construction / Building Management	6	B.Arch., 1982	CA/83/7877
			Jan – Apr, 2016	Building Management	2		
75	Papiya Banerjee	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Graphics	3		
76	Parul walecha	Faculty	July – Nov, 2015	Workshop / Building Constructions	7		
			Jan – Apr, 2016	Architectural Design / Graphics	9		
77	Pavan Buragohain	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Graphics	9		
78	Pawan Tandon	Faculty	July – Nov, 2015	Building Construction	8		
			Jan – Apr, 2016	Building Construction	8		
79	Prerna Bansal	Faculty	July – Nov, 2015	Elective	2		
			Jan – Apr, 2016	-			
80	Punit Sethi	Faculty	July – Nov, 2015	Building Construction	4		-
			Jan – Apr, 2016	-			

81	Radhika Viswanathan	Faculty	July – Nov, 2015	Building Construction	12	B.Arch., 1978	CA/81/6186
			Jan – Apr, 2016	Building Construction	12		
82	Rahoul B. Singh	Faculty	July – Nov, 2015	Architectural Design	9	B. Arch. 1997 BFA, 1997	CA/97/21894
			Jan – Apr, 2016	Architectural Design	9		
83	Rahul K. Patel	Faculty	July – Nov, 2015	Theory of Structure	6	BE, 1984	-
			Jan – Apr, 2016	-			
84	Rahul Sen	Faculty	July – Nov, 2015	Architectural Design / Workshop	12	B. Arch. 2000	CA/ 2002/2978
			Jan – Apr, 2016	Architectural Design	9		
85	Rajeev Mahajan	Faculty	July – Nov, 2015	Theory of Structures / Computers	10	BE, 1984 ME, 2006	-
			Jan – Apr, 2016	Theory of Structures	8		
86	Rajiv Bhakat	Faculty	July – Nov, 2015	Theory of Design / Dissertation / Seminar	9	B. Arch. 2000 M. Arch, 2002	CA/ 2001/27776
			Jan – Apr, 2016	Theory of Design	6		
87	Rashmi B. Tandon	Faculty	July – Nov, 2015	Elective / Dissertation	6	B.Arch, 1996 PG Dip. URP, 1998	CA/ 97/21635
			Jan – Apr, 2016	Elective	2		
88	Ravindra Swaroop	Faculty	July – Nov, 2015	Theory of Structure / Dissertation	10	BE, 1966 M. Tech, 1977 PhD, 1983	Registered with IE
			Jan – Apr, 2016	Theory of Structure	8		
89	Reema Jain	Faculty	July – Nov, 2015	Building Construction	8	B.Arch., 2002	CA/ 2003/31295
			Jan – Apr, 2016	-			
90	Reeta Sanyal	Faculty	July – Nov, 2015	Theory of Structures	6	B.E. (Civil), 1974, M.E. (Civil), 1976	-
			Jan – Apr, 2016	Theory of Structures	6		
91	Ravish Mehra	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Building Construction	4		

92	Rekha Jindal	Faculty	July – Nov, 2015	Building Construction	8	B.Arch., 1975 M.Arch., 1989	CA/ 1982/7170
			Jan – Apr, 2016	Building Construction	5		
93	Richa Jaswal	Faculty	July – Nov, 2015	Architectural Design	6		
			Jan – Apr, 2016	-			
94	Roohan Segel	Faculty	July – Nov, 2015	Art Appreciation / Graphics / Elective	7	BFA, Government College of Art., 1993	-
			Jan – Apr, 2016	Art Appreciation / Graphics	5		
95	Ruchita Dasgupta	Faculty	July – Nov, 2015	Theory of Structure	6		
			Jan – Apr, 2016	-			
96	Ryan C Sequeira	Faculty	July – Nov, 2015	Dissertation	4		
			Jan – Apr, 2016	Architectural Thesis	2		
97	Sachin Rastogi	Faculty	July – Nov, 2015	Architectural Design / Dissertation	10	B. Arch.2006 M.Sc., 2007	Nil
			Jan – Apr, 2016	Architectural Design	6		
98	Sanjay Mehra	Faculty	July – Nov, 2015	Building Construction / Elective	7	B. Arch.1986 M.Arch., 1991	CA/ 87/10938
			Jan – Apr, 2016	Building Construction / Elective	7		
99	Sakshi Jain	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Computers	4		
100	Santosh Auluck	Faculty	July – Nov, 2015	Architectural Design	9	B. Arch.1962 Diploma in Urban Development Mgmt., UK, 1986	CA/75/364
			Jan – Apr, 2016	Architectural Thesis	9		
101	Sayantan Maitra	Faculty	July – Nov, 2015	Graphics	3		
			Jan – Apr, 2016	-			

102	Sheily Shrivastav	Faculty	July – Nov, 2015	Building Construction	4		
			Jan – Apr, 2016	-			
103	Shoili Kanungo	Faculty	July – Nov, 2015	Graphics	3		
			Jan – Apr, 2016	-			
104	Shruti Maheshwari	Faculty	July – Nov, 2015	Building Management	6	B. Arch.2002 PG in Con. Project Mgmt., 2009	CA/ 2003/31259
			Jan – Apr, 2016	Building Management	3		
105	Shruti Narayan	Faculty	July – Nov, 2015	Dissertation / Seminar	7		
			Jan – Apr, 2016	-			
106	Shweta Garg	Faculty	July – Nov, 2015	Theory of Structure / Building Construction	7		
			Jan – Apr, 2016	Building Construction	4		
107	Shwetal Kadam	Faculty	July – Nov, 2015	Architectural Design	6		
			Jan – Apr, 2016	Elective	2		
108	Subhash Chander	Faculty	July – Nov, 2015	Architectural Design	9	B.Arch., 1958 Certificate in Tropical Arch., UK, 1960	CA/76/2357
			Jan – Apr, 2016	Architectural Design	9		
109	Subir Paul	Faculty	July – Nov, 2015	Building Management / Building Science and Services	6		
			Jan – Apr, 2016	Building Science and Services	2		
110	Sudipto Ghosh	Faculty	July – Nov, 2015	Architectural Design / Seminar	9	Dip. in B.Arch., 1997 M.S. Arch, USA	CA/99/24742
			Jan – Apr, 2016	-			
111	Suditya Sinha	Faculty	July – Nov, 2015	Architectural Design	3		
			Jan – Apr, 2016	-			
112	Sudhir Prakash	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Computers	4		

113	Suneet Mohindru	Faculty	July – Nov, 2015	Architectural Design	6	B.Arch. 1995, M. Arch. (L/scape), 1997	CA/96/19927
			Jan – Apr, 2016	Architectural Thesis	11		
114	Suparna Ghosh	Faculty	July – Nov, 2015	Architectural Design	9	B.Arch., 2007 M.Arch., 2011	CA/2008/42732
			Jan – Apr, 2016	Architectural Design	9		
115	Surendra Srivastava	Faculty	July – Nov, 2015	Theory of Settlements	2		
			Jan – Apr, 2016	-			
116	Surajit Ranjan Das	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Graphics	3		
117	Tanay Jaithalia	Faculty	July – Nov, 2015	Workshop / Building Construction / Building Management / Computers	12		
			Jan – Apr, 2016	Building Construction	4		
118	Taniya Sanyal	Faculty	July – Nov, 2015	Architectural Design / Graphics	12		
			Jan – Apr, 2016	Architectural Design / Graphics	12		
119	Tapan Bhowmik	Faculty	July – Nov, 2015	Graphics	9	N.Dip in Painting, 1971	-
			Jan – Apr, 2016	-			
120	Taranjit Singh Chandpuri	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	-			
121	Tanuj Agarwal	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Building Management / Architectural Thesis	5		
122	Tarun Kumar	Faculty	July – Nov, 2015	Architectural Design	6	B.Arch. 1996 M.Arch, 2000	CA/96/20163
			Jan – Apr, 2016	Architectural Design / Theory of Structures	9		

123	Tanya Khanna	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Graphics	3		
124	Thomas Oommen	Faculty	July – Nov, 2015	Dissertation	4		
			Jan – Apr, 2016	-			
125	Tina Bali	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	Architectural Design	6		
126	Urvi Khanna	Faculty	July – Nov, 2015	-		AD Photo, 98 BFA, 1998	-
			Jan – Apr, 2016	Graphics	3		
127	Uzma Azhar	Faculty	July – Nov, 2015	Theory of Settlements	2		
			Jan – Apr, 2016	-			
128	Varun Goel	Faculty	July – Nov, 2015	Building Management	3	B.Arch., 2009, M. Plan., 2011	CA/ 2009/46334
			Jan – Apr, 2016	-			
129	Venugopal M.	Faculty	July – Nov, 2015	Seminar	3		
			Jan – Apr, 2016	-			
130	V K Jain	Faculty	July – Nov, 2015	-			
			Jan – Apr, 2016	Building Science and Services	4		
131	Vertika Chaturvedi	Faculty	July – Nov, 2015	Architectural Design	9		
			Jan – Apr, 2016	-			
132	Vidya P. Agarwal	Faculty	July – Nov, 2015	Theory of Structure	8	B.Tech, 1970 M.Engg, 1971	FIE
			Jan – Apr, 2016	Theory of Structures	11		
133	Vani Subramanian	Faculty	July – Nov, 2015	Graphics	3		
			Jan – Apr, 2016	Graphics	3		
134	Vikas Gandhi	Faculty	July – Nov, 2015	Architectural Design	9	B. Arch.2001 MCA	CA/ 2002/29388
			Jan – Apr, 2016	Architectural Design	9		

135	Vikas Jain	Faculty	July – Nov, 2015	Building Construction	12		
			Jan – Apr, 2016	Building Construction	8		
136	Vikas Kanojia	Faculty	July – Nov, 2015	Architectural Design	3	B.Arch., 2000, M.Arch., 2004	CA/2001/27442
			Jan – Apr, 2016	Architectural Thesis	2		
137	Vikrant Sharma	Faculty	July – Nov, 2015	Workshop	9		
			Jan – Apr, 2016	-			
138	V S Rawat	Faculty	July – Nov, 2015	Building Management	4		
			Jan – Apr, 2016	-			
139	Vivek Varma	Faculty	July – Nov, 2015	Building Construction	5	B.Arch., 1985	CA/86/9979
			Jan – Apr, 2016	Building Construction	5		

(b) Details of special lectures undertaken in the department

S. No.	Date	Name of the Experts	Topic of Special Lecture
1	03.08.2015	Charanjit S. Shah	Large Span Structures for Infrastructure Project
2	05.08.2015	Sanjit Roy	The A-Z of Architecture : Intentions and Outcomes
3	10.08.2015	Mahesh Tandon	Structural Forms for Stadia
4	13.08.2015	Nishant Penjiyar	Long-Span Structure Airports
5	20.08.2015	Kalpana Sethi	Functioning of Airports
6	21.08.2015	Madhav Raman	Negotiating the Home
7	9.2015	V R Shah	Understanding Structural Systems of Large-Span Buildings
8	02.09.2015	Gaurav Shorey	Sustainable Culture
9	07.09.2015	Mukta Naik	Migration and Urbanization - Relevance to Architecture
10	08.09.2015	Rahul K Patel	Dewatering, underpinning, Shoring
11	23.09.2015	Asim A. Waqif	Issues-Concepts-Art Practice
12	23.09.2015	Anurag Chawfla	Principals of Urban Design
13	30.09.2015	Sohrab Dalal	IT and ITES Campus Planning and Design
14	07.10.2015	Anjana Sen	Mentoring Young Professionals
15	12.10.2015	Mukta Naik	Migration and Urbanization-Relevance to Architecture
16	14.10.2015	Shaunak Sen	Cities of Sleep
17	30.10.2015	Ravi Shankar	Architectural Design – Large Span

18	03.02.2016	Jatin Singh	Weather forecasting and Anthropogenic Climate
19	10.02.2016	Amardeep Labana	Design of Museums Today
20	15.02.2015	Ashok Kumar	Green Retrofitting of Existing Building and Sustainable Material and Technologies
21	19.02.2016	Vinod Gupta	Sustainable Campus Design
22	12.03.2016	Suneet Mohindru	Approaches to incorporating 'setting' in site planning and landscaping: a focus on Badami
23	14.03.2016	Deependra Prasad	Green building techniques in public office building , Indira Paryavaran Bhawan
24	14.03.2016	Anupam Bansal	Design considerations in office buildings , Head Office for Spectral Services Consultants
25	16.03.2016	Rajesh Joshi	The Role of Media in Manufacturing Consent
26	17.03.2016	Dinesh Panwar	Sangini Office Building
27	17.03.2016	Aashish Karode	Chimes Athena Building
28	18.03.2016	Bharti Birla	Migration of Construction Worker and Labor Law
29	21.03.2016	Sudipto Ghosh	Exploring Potential and Possibilities of the Seminar Programme
30	21.03.2016	Abhishek Bij	Exploring Potential and Possibilities of the Seminar Programme
31	21.03.2016	Mukta Naik	Exploring Potential and Possibilities of the Seminar Programme
32	21.03.2016	Abhay Ghate	Exploring Potential and Possibilities of the Seminar Programme
33	22.03.2016	Shruti Parikh	Mass production as a process in Design
34	29.03.2016	Sana Khan	What is Discourse and its Role in Building Society
35	30.03.2016	Ravindra Swaroop	Structural Systems as a Process in Architectural Design
36	12.04.2016	Amit Bhagat	Constitution of India, Law and its relation to Council of Architecture, India
37	2015	Dinesh Bansal	Façade Design in Office Architecture
38	2015	Seema Chishti	'New Politics, New Cities' part of "Express Talks" series by Indian express at SPA, Delhi in collaboration with the Department of Architecture.
39	2015	Bharti Birla	The migration of construction workers and labour law

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

Nil

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

Name of the studio	Precise objectives of the studio	Case study description	Major conclusions and outcomes
August to December, 2015			
Architectural Design I (Studio Director, Section A- 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 analysing.</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-B – 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>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 I (Studio Director, Section-C – Ms. Arpita Dayal)	<p>Basic exploration: Exploration of primary elements of basic design through a series of incremental exercises and visualization.</p> <p>Basic skills suing</p> <p>Spatial representation: Representation, Observation and focusing using spatio parkour, Understand proportions and scale</p> <p>Exploration and Spatial configuration</p>		<p>Generation of simple and complex compositions using simple elements</p> <p>Development of basic representation skills and Material dexterity</p> <p>Improved visual perception and deal with constraints</p> <p>Learning to understand process of deriving at complex dynamic forms and methods of representing them</p> <p>Work in groups on a series of time problems</p> <p>Peer learning and assessment</p>

<p>Architectural Design III (Studio Director, Section-A-Ms. Mekhla Parihar)</p>	<p>The focus of the studio is to introduce students to the concept of space through human perception, observation and developing the spatial ideas.</p> <p>Establishing relationship between client and user, creating area program based on the needs of the client.</p> <p>Understanding relationship of vernacular and formal architecture and the play of socio-cultural, economic dimensions in designing any human habitat.</p> <p>Integration with Graphics to explore different media for presentation, creating experiential videos; with Theory of Settlements to learn Research Methodologies; and with Construction studio to explore and understand traditional technologies.</p> <p>The projects included during the semester (a) A personal pod (b) Urban House Design (c) Documentation of Settlement Studied at Bishnoi Village near Jodhpur (d) Architectural Intervention based on students analysis of the settlement and the surrounding areas.</p>	<p>Analyzing the Indian works in house design for understanding design process, generation of form, importance of context, materiality, movement patterns, etc.</p> <p>Bishnoi Village near Jodhpur was the main study area for the settlement study. The intent is to introduce the connection between architecture and culture.</p>	<p>Understanding the importance and relationship between context and the design.</p> <p>An understanding of space and the sense of belonging to that space.</p> <p>Ability to analyse, design, document and communicate spatial transformations through architectural drawings, sketches, 3D physical models and 3D models using various softwares.</p> <p>Difference between Tradition, Vernacular and contemporary architecture.</p> <p>Using the learnings of settlement study to design with vernacular construction techniques and materials while responding to the socio-cultural, economic and environmental conditions.</p>
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<p>Architectural Design III (Studio Director, Section-B : Mr. Saptarshi Sanyal)</p>	<p>Study Building standards and anatomy Development of plan into third dimension from given designs Brief for residence from client inputs Single family residence design in urban context Topographic survey and study of residential building stock in heterogeneous rural context Design of mixed use residence in rural context</p>	<p>Famous residential building plans (Charles Correa, Geoffrey Bawa, Laurie Baker) were studied and in groups. Introduction to real client in the design process; Study trip to Barefoot College, Tiloniya with Design, Construction and Building Sciences faculty to study integration of technologies specific to climatic and geographical conditions; Topographic, infrastructural and architectural appraisal of Harmara, Ajmer District</p>	<p>Students developed distinct volumetric designs for respective space organisation, An architectural brief developed from interaction with client was translated into working residence design Development of framework to understand 'non-standard' building designs for cost elimination and integration of solar power technologies and waste water management with building design Design of mixed use residence for post master in Harmara taking site conditions into account</p>
<p>Architectural Design III (Studio Director, Section-C : Ms. Parul Kiri Roy)</p>	<p>The Pod- Comprehending notions of home. Understand the intangible aspects associated with 'home', strategizing spatial experiences and developing a design concept. Village Study: Engaging with 'site'- Understand/ Articulate/ Represent a settlement. Final Design Project- Learn how to select a site in the settlement. Identify opportunities for design for the particular site. In a real user-architect situation, develop a concept for the site to reflect their tangible and intangible requirements, along with assessing physical requirements. Develop the concept into a multifunctional project, incorporating all practical requirements. Three projects; 1. Public Facility- Transport, Bank and Cooperative. 2. Community Centre- Multipurpose hall/ resource. 3. Health Centre- Facilities and Awareness.</p>	<p>The key theme was to understand various aspects of culture by investigating the social and physical environment of a place. Focus was on the Safdarjang Hospital complex and delve into understanding the construction processes with focus onto looking at a migrant community of Construction Workers. The story began at a village, Mohangarh Khas, in Tikamgarh district, Madhya Pradesh. The objective of the study in this semester was to document and analyse the original spatiality of this migrant community at the settlement level; at the level of habitat; and their spatial practices within their rural context.</p>	<p>An understanding of user needs and how they translate into program and manifestation in design in terms of space, materials and construction methodology in both the urban and traditional contexts. Learning from indigenous knowledge and responding to current day social aspirations through development of a built environment suitable to the community. The studio was based in an integrated learning pedagogic method involving various courses- the core course of architectural design, the technical courses of building construction, theory of structures and the enabling skills like graphics and communication. The students had put up an exhibition of this work in the auditorium- "Jahan se hum aayen...(The Place we come from...)"- The Migration Story of Construction Workers.</p>

<p>Architectural Design V (Studio Director, Section-A : Ms. Shweta Manchanda)</p>	<p>PASSIVE DESIGN-USING BIO-CLIMATIC STRATEGIES</p>	<p>Design of a multifunctional public building in an urban setting. The studio brief for the coming semester focuses on a non-air conditioned building responsive to the environment in which it is located. In keeping with this objective the semester will undertake two main exercises. The first exercise of the semester will look at explorations of passive solar design in various climatic contexts. The second exercise with include the study of an urban environment and the design exercise based in that context.</p>	<ul style="list-style-type: none"> • Develop comprehension of contextual conditions of an urban environment in use. • Develop understanding of characteristics of site, microclimate, and local building codes. • Give exposure through response of vernacular buildings and sustainable communities. • Introduce concepts and strategies of passive solar design in response to climatic type. • Develop abilities of program development and design of a multi-functional public building
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<p>Architectural Design V (Studio Director, Section-B : Ms. Anjali Mittal)</p>	<p>The overall agenda for the Third Year, first semester Design Studio was the design of a non-air conditioned, public/ institutional building in a selected climatic zone focusing on solar passive design. The studio program had a three-fold agenda.</p> <ol style="list-style-type: none"> I. Solar Passive design strategies for a non-air conditioned public buildings. II. Building Program and Brief Development III. Urban development controls, codes and by-laws. <p>Within this premise the final project of the studio was based in Delhi which is a Composite Climate Zone with a focus on a Community Centre with a total built-up area of 5000-6500 sqm.</p> <p>As Delhi experiences both extreme cold and hot weather conditions, the studio was planned on a 2+1 format i.e. two short exercises and one final design exercise.</p>	<p>Case study trips: Trips were planned to two geographic locations- i) Jaipur- a dessert condition (predominantly hot climatic zone) and ii) Dehradun, a hilly region (predominantly cold climatic zone) as two case study sites which would cover the two extreme climatic conditions that Delhi experiences and In each of two geographic locations students studied traditional architecture which relied on natural system of lighting and ventilation and solar passive strategies. Building program was to include the following component: Daily Living, Entrepreneurship/ Local Resource Management, Education and Personal Development, Recreation/ Entertainment, Healthcare, Own choice</p>	<p>Jaipur: To understand architectural devices/passive strategies</p> <ul style="list-style-type: none"> • To develop a building program in response to existing site conditions. • Design of small community facility • Design response using passive strategies in a standalone building. <p>Dehradun:</p> <ul style="list-style-type: none"> • Design of large span structures and structural systems. • Design of a community facility. • Design response using passive strategies for a building in a context of mutual shading from surrounding fabric and contours. <p>Delhi: To develop a detailed programmatic brief based on a detailed understanding of both physical, social and economic processes.</p> <p>Equip the students to deal with the range of climatic variations using solar passive strategies within the context of Delhi.</p> <p>By visiting these two case study sites the students could experience, document and understand the concepts, techniques and performance of solar passive strategies effectively.</p> <p>economic processes</p>
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<p>Architectural Design V (Studio Director, Section-C: Dr. Rajaprakash)</p>	<p>To explore passive strategies by Ecotect analysis and experiment them with on-going design process. An integrated approach to Architectural Design with structural inputs on Structural Systems. BSS and BC with emphasis on Building Skin. To study and analyze the existing urban context of the Bangaluru with focus on urban structure, activities, growth, change, landscape and urban services. To respond to the context, user profile culture, activity patterns, organizational structure. Site Conditions/ Analysis resultant spatial structure as specified in the program enclosed, incremental approach to absorb growth and expansion materials and methods of construction and services.</p>	<p>IIM Bangalore as Cast Study Visit + Embassy Golf Link Business Park(EGLP); JNC TERI in Bangalore , as Case for passive Design Strategy Study</p>	
<p>Architectural Design VII (Studio Director, Section-A : Prof. Mandeep Singh ; Section-B : Prof. Manoj Mathur, Section C : Prof. Dr. Ranjana Mital)</p>	<p>Choice-based Studio: there were altogether four choices: 1. Housing 2. Hotel 3. Hospital 4. Airport terminal To identify issues related to middle-income housing developed in the private sector in tier II/III cities, the development controls applicable thereto and the dynamics of the real estate market in response thereof. To apply the insights gained above in a live project with a real site and real client in the context of established architectural design values.</p>	<p>Many case studies including Hotel Amar Vilas Agra, Dusit Devarana, New Delhi etc. with the intention of understanding all the factors and design principles involved. Various stadia and airports in India and abroad.</p>	<p>Achieved an understanding of how a building is put together with the integration of structure and services with spatial articulation, so that the design development can lead up to working drawings.</p>

<p>Architectural Design IX (Studio Director, Section-A : Prof Aruna Ramani Grover, Section-B : Prof M L Bahri)</p>	<p>The proposed areas of development fell in Sector 24 of Dwarka Sub-city. Two pockets of land measuring 14 hectares each were to be suitably developed to meet the future needs of the city of sub-city. The strategic location of these land parcels, its connectivity to the existing and envisaged future transport network and its vicinity to the airport, also ensured the creation of a suitable commercial hub for the poly-nodal city of Delhi.</p>	<p>The projects envisaged were, firstly International Convention Centre with convention and exhibition facilities, and secondly International Work Centre with an office complex and hub, service apartments, mall cum entertainment centre and mandatory green areas; Observation visits : a series of site visits to observe, record and present information Discussions: in class debates and discussions</p>	<p>The semester objectives were To understand the nature of this unique location and its potential with respect to the existing and future city; and to establish necessary suitable physical and temporal linkages to the surrounding environs and to each other to make the project area a catalyst of future growth. It was to envision a suitable program and development strategy within the given broad framework for each project which would be an iconic catalyst for the future city and develop a built-form open space structure based on the given program which is a model of humane and sustainable development created to human scale.</p>
JANUARY TO MAY 2016			
<p>Architectural Design II (Studio Director, Section-A- Prof Ranjana Mital)</p>	<p>Measured drawing Objectives: 1. to study the idea of scale, 2. To apply drawing and sketching skills acquired last semester 3. To design a students' work-centre employing all skills learnt</p>	<p>Raniji Ki Baoli, Dabhai Ka Kund, Bundi, Rajasthan Students' work-cum-recreation centre</p>	<p>Understanding the idea of scale, proportions, shade and shadow on buildings through measuring, drawing-up and analyzing a unique example of building into the ground, namely stepwells. Creative solutions that were informed by all skills acquired.</p>

<p>Architectural Design II (Studio Director, Section-B – Dr. Leon A Morenas)</p>	<p>Develop the capacity to design inhabited spaces (landscape as well as architectural) that engage and satisfy multiple challenges, multiple material and ideational influences, multiple unranked potentialities, (as distinguished from those formed from singular challenges, influences, and potentialities).</p> <p>Develop the capacity to design inhabited spaces that both respond to the larger situation/environment into which they intervene and, in turn, positively influence that larger situation/environment.</p> <p>Develop the capacity to utilize hand drawing (sketches, plans, sections, diagramming, etc.), physical modeling and 3D computer modeling; understanding the capacities and limitations of each, and when to use each in the design process.</p> <p>Communicate effectively – graphically and discursively - the nature of the given design situation, the process used in arriving at a design proposal, and the nature of the concrete proposal offered.</p> <p>Have a basic level of understanding of the spatial setups that make the most of relationships between programmed and non-programmed uses, between non-negotiable performance requirements and open-ended aleatory activities.</p> <p>Begin to develop the capacity to utilize structural and constructional considerations as positively contributing to the formation of spatial setups (rather than as only the means to concretize the design).</p>		<p>Ecological Approach: The design projects embodied <i>multiple performative expectations</i> that influenced each other <i>laterally</i>, producing, in <i>combination</i>, overall physical set-ups that fulfilled the individual expectations in <i>terms of each other</i>, not optimizing a single influence at the expense of the others.</p> <p>The Act of Making: It was necessary to understand the <i>capacities of specific materials</i>, the <i>capacities of specific tools</i> you have to work with, the <i>capacities of specific techniques</i> of fabrication, and your own imaginative responses to <i>specific performance expectations</i>.</p> <p>Habits and Defamiliarizations: A significant concern in designing is to find ways to break through pre-framed, pre-formed notions or habits – to <i>defamiliarize</i> what seems just <i>natural, common sense, obvious</i>.</p> <p>Movements: In any ecological dynamic nothing happens unless there is <i>change - intensive</i> as well as <i>extensive</i> change.¹ Life forms cannot survive without change, and the most direct manifestation of change susceptible to architectural intervention is <i>movement</i>.</p> <p>Producing Consequences: If you see design as devising “courses of action aimed at <i>changing existing situations into preferred ones</i>,” the whole enterprise becomes based on <i>changing</i> the situation, which can <i>only be understood as “preferred” if you can understand the consequences of the intervention’s entry into the situation</i>.</p> <p>“Preferred” of course, opens the question of <i>who</i> is preferring, <i>who</i> has the power to say what is preferable, and so on? And <i>who</i> is excluded? And what is to be made of design situations in which several <i>differing versions</i> of “the preferred” are legitimately in play?</p>
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<p>Architectural Design II (Studio Director, Section-C – Ms. Arpita Dayal)</p>	<p>Understand architecture as a combination of elements put together Exposure, Observation, measurements and drawing of built spaces Understand architecture at an elementary level and understand its relationship to the whole Develop Design thinking and skills and understand design process</p>	<p>Measured Drawing of Ahar Cenotaphs, Udaipur, Triveni kala Sangam, India Habitat Centre, Humayun Tomb</p>	<p>Exposure and observation of architecture deconstructed into intelligible parts Reading and representation by understanding spaces as outcome of anthropometric dimensions Skills of recording, representation and rendering</p>
<p>Architectural Design IV (Studio Director, Section-A : Ms. Mekhla Parihar)</p>	<p>Project: South Asian Design, Arts and Technology Kendra (SADAK) The focus of the studio is to introduce architecture through the lens of art/ sculpture as well as technology. How to respond to urbanism in a global context. Designing with aspirations of a real life client. To understand the relation between Regionalism, Globalization and Self-Identity. To experience a 'sense of place' and find architectural methods to express it. Building Façade- an expression of self</p>	<p>Introduction to global architectural practitioners and analysis of their works to evolve "self". Experience the connection between architecture and context.</p>	<p>Develop an understanding of the inter-relationship between form, self, and context in developing architectural expression for any space. Exposure to site planning, clustering, massing, landscaping and complexities related to finding the balance in design. Introduction to new materials, construction systems, structural systems and communication of these through complex geometries. Refinement of Design vocabulary through interactions with faculty and peer and through the study of different architects processes, philosophies, expression of ideas. Ability to work in teams and learn to go back and forth from individual work to group work in order to create a holistic design.</p>
<p>Architectural Design IV (Studio Director, Section-B : Mr. Saptarshi Sanyal)</p>	<p>'Site information' as historical, geographical and anthropological construct to inform architectural design Communicating an appreciation of architectural vocabulary through historic architecture Using site information creatively design with urban setting as determinant of architectural form and expression for a new building in a historical context</p>	<p>Study of Badami as a vernacular urban settlement – elements of its domestic and public architecture and fabric, street structure, social and economic systems; Study of various elements of historic architecture in Aihole, Pattadakal and Badami; In-situ selection and analysis of site for design intervention;</p>	<p>Study of 'Genius of Place' based on site studies and understanding landscape and urban setting – its significance in architectural design GRAPHICS FOCUS – Understanding the architectural element through documentation , analysis and design for contemporary times Design of interpretation centre for the historic city of Badami – a contemporary building in a historic urban landscape STRUCTURES FOCUS – Resolution of one building block with experimental structural systems</p>

<p>Architectural Design IV (Studio Director, Section-C : Ms. Parul Kiri Roy)</p>	<p>The Living Unit- Re-examining the human body-movement in space Identify everyday activities. Design and detailing a living unit keeping in mind its efficiency in terms of performance, sufficiency in terms of use and optimum comfort. Engaging with 'site'- Labour Camp Studies (Delhi and Gwalior) Understand/ Articulate/ Represent issues. Final design project: Transient Habitation for Construction Workers The idea behind the studio exercise was to find a system by which to erect and provide appropriate housing facilities for construction workers. Defining the Scope in terms of Building code and norms, economy, Building assembly systems and in terms of Climatic Performance, while always keeping in mind the cultural, social and living requirements of the end users. Understanding of buildings as system- Skeleton, Skin, Finish. Focus on ideas of assemblage and scalability. Key words however are- System, Low-Tech, Bio Climatic, and Assembly.</p>	<p>Students documented various labour camps of construction workers employed at various significant public projects in the heart of Delhi. The study focused on understanding the socio-economic phenomenon that lead to migration of people to work at construction sites in the city. Students also studied labour camps' morphology to grasp the relationship between dwelling as a function and sharing facilities as a device that drives sense of community. Along with collecting stories of why people migrate, they studied daily life cycles, how they develop a sense of belonging and ownership. Students also examined the current construction system that is generally used to create the labour camp, levels of comfort and its climatic performance. Understanding the dehumanizing conditions of living and the issues faced by the construction workers. Analyzing the technology and system of construction that makes it transient. Understanding sharing of facilities at the community level. Looking at the systems for temporary dwellings used by construction workers in a smaller city, Gwalior.</p>	<p>Ability to interpret site information as a decision-making aid. Understanding site and context of a project. The studio was based in an integrated learning pedagogic method involving various courses- the core course of architectural design, the technical courses of building construction, theory of structures and the enabling skills like graphics and communication. Exhibition of work: Spaces in Transition- Transient Habitation for Construction Workers Following tangible outcomes of the studio II Year Sec C (2015-16): 1. Website- http://spaarch2c.wixsite.com/under-construction 2. Publication- (in process) 3. Films (available to view on website) This work has been taken up as an innovation project as part of the Design Innovation Centre. This studio work is part of the exhibition put by SPA, New Delhi in the HUDCO pavilion, for IITF 2016.</p>
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<p>Architectural Design VI (Studio Director, Section-A : Ms. Shweta Manchanda)</p>	<p>Active design-using renewable energy integration</p>	<p>Development of a closed environment design with refinement in structural basis, articulation of interior spaces, integration of mechanical services and provision of vehicle parking. This closed environment space is envisaged a multi-level building in a dense urban context dealing with current day challenges of climate change and environmental degradation. For meeting this challenge the problem will take up in a detailed way the articulation of the building skin as a moderator of the external environment and the integration of active renewable energy systems as solution to the efficiency needs of the day.</p>	<ul style="list-style-type: none"> • 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 renewable energy systems. • Understanding design, development, and basic detailing of the building facade.
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<p>Architectural Design VI (Studio Director, Section-B : Ms Anjali Mittal)</p>	<p>Pravasiya Bhartia Bhawan- an office building intended as a focal point of interaction between India and the Diaspora. Design of an office building in an urban context with a focus on active energy systems. Design site is part of the Yashwant Place Complex, Chanakyapuri and measures approx. 5000sqm. The proposed F.A.R. is 2.5 which amounts to 12000 sq m of built-up area. Max. Ground Coverage is 33% and maximum height is 45 meters with an ECS OF 1.8. The design studio was run in close collaboration with the Building construction, structures, theory of design and building science and services courses.</p>	<p>Each student documented two office building of individual's choice during summer vacations. The studio was structured around developing an understanding of key concepts and design principles relating to design of an office building through workshop based modules on:</p> <ol style="list-style-type: none"> 1. NBC relating to an office building 2. Core-floor plate relationship and efficiency 3. Understanding context and site analysis 4. Building program interpretation 5. Energy efficiency 6. Form and Facade optimization. 7. Structural Design 8. Space Syntax 9. Air conditioning and building services 10. Core Detail <p>During each of the above module student developed a further understanding of their case studies. This was further followed by visit to Indirapariyavaran Bhawan.</p>	<p>Focus on design principles relating to office buildings allowed student to question the current trends in energy efficiency in building design. Collaboration with related courses resulted in greater engagement and learning. Workshop based modules allowed students to develop better conceptual as well as application skills and was not limited to the specific project. Mid-term review by invited guests provided students with productive feedback at an appropriate time with its incorporation in the final stage.</p>
<p>Architectural Design VI (Studio Director, Section-C : Dr. Rajaprakash)</p>	<p>To study and analyse a site in terms of its existing urban context, circulation patterns and landscape parameters. To explore landscape strategies on Site Level Sustainable Passive Design and Building level Active Service Design Strategies. To explore and understand the bye laws, NBC, ECBC and IGBC regulations to adopt in the design process</p>	<p>Visit to cases in NCR such: Teri Retreat IHC; IIC etc. to understand active and passive combination Design Strategies for the design project</p>	

Architectural Design X (Studio Director, Section-A : Prof Aruna Ramani Grover , Studio Director, Section-B : Prof M L Bahri)	Architectural thesis was the culmination of the development of the student's knowledge, attitudes and skills over the course of studies in architecture. It is an occasion for exercising conscious choices in the field, based on the student's personal abilities and inclinations, and for testing out his commitment. The student, in consultation with the faculty, is expected to demonstrate through an imaginative approach, his expertise in effecting positive changes in our built environment.	Done individually by each student, the Design investigation went as follows. Task A: Search / Research into core issue/s involved with the subject / topic, Reading of the Core Issue/s, Enunciation of the principles of Design. Task B: Area program generation and establishing the architectural program. Task C: Setting up the framework of analysis of the case studies.	Parallel to Design Investigation Design Translation took place in the studio and outside in consultation with the faculty. The students were expected to follow a rigorous method of working, demonstrating at every stage how inputs from Design Investigation are finding their way into the Translation at every state.
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10. Details of the thesis topics researched by the students of the final year class

S. No.	Roll No.	Name of Students	Thesis Topic
1	A/2359/2011	Abhimanyu Singhal	Delhi Public Library
2	A/2379/2011	Akanksha	Water front Urban Centre, Kanpur
3	A/2312/2011	Aman Aggarwal	Skill Development Center, Neemrana
4	A/2330/2011	Amrit Tripathy	Ekamra Sanskritik Prangan, Old Bhubaneswar
5	A/2295/2010	Ankita Badwal	Government Hospital (200 Bed) Delhi
6	A/2391/2011	Anshuman Jena	Exploring Physical Learning Environments CBSE School, Bhubaneswar
7	A/2080/2008	Anurag Tiwari	Inland Water Transit Hub.
8	A/2355/2011	Archita Goyal	Alzheimer Centre, New Delhi
9	A/2346/2011	Arpit Jain	Redevelopment of Vikas Bhawan as a part of , ITO: Urban Renewal Project
10	A/2197/2009	Ashim Chakrabarty	Inclusive School for Futuristic learning Greater Noida
11	A/2427/2011	Ashima Garg	Maritime Musuem, Muscat
12	A/2403/2011	Ashish Verma	Mixed Use Development Sanjay Lake, Delhi
13	A/2430/2011	Ashveen Kaur Sudan	Agro Resort, Nepal
14	A/2340/2011	Ayush Narang	Cultural Centre, Dwarka
15	A/2382/2011	Brajesh Kumar	300 Bedded District Hospital, Kannauj
16	A/2336/2011	Chander Kant Aggarwal	Integrated Planning and Design, Bhatinda, Punjab
17	A/2333/2011	Depanshu Gola	Urban Mandi, New Delhi
18	A/2389/2011	Dhiraj Sharma	Visitors Facilitation Centre, Varanasi
19	A/2400/2011	Dixit Suman	Ski Resort, Manali
20	A/2344/2011	Gaurav Varyani	Lotus Valley Senior Sec. School, Delhi

21	A/2347/2011	Gompa Pranathi	Contemporary Temple Design, Vrindavan, U.P.
22	A/2384/2011	Huzaifa Juzer Ahmedabadwala	Mamallapuram Oceanarium, Tamil Nadu
23	A/2326/2011	Kiran Kumar Ghosh	Automotive upcycling Centre, New Delhi
24	A/2408/2011	Michael Vivian Ekka	Swaranjali Music Centre, New Delhi
25	A/2388/2011	Mudassar	Charles Correa Centre for Architecture and Built Environment
26	A/2373/2011	Peetala Pavan Kumar	IIM, Vishakhapatnam
27	A/2185/2009	Qazi Firas	Budshah Football Stadium and Leisure Park
28	A/2287/2010	Rakshanda	Visual and Performing Arts Centre, Bulandshahr
29	A/2349/2011	Rishi Thirth Bennabhaktula	International Airport, Vishakhapatnam
30	A/2402/2011	Ruchir Kumar	Interpretation Centre, Humayun Tomb, New Delhi
31	A/2413/2011	S. Nengvanglian	Ability Village
32	A/2327/2011	Sai Phani Pavan K. Nidamanuri	Multi-Purpose Indoor Stadium
33	A/2321/2011	Sakshi Aggarwal	Ecologically Resident Arch., National Centre for Seismology
34	A/2422/2011	Sangay Wangchuk	Centre for development of Indigenous Craft, Thimpu
35	A/2396/2011	Sanket Biswas	Resource Training and Museum of Democracy for IISER, ECI Dwarka, New Delhi
36	A/2067/2008	Shyam Kumar Gompa	Vocational Training Institute for Blind
37	A/2419/2011	Sonam Choden Tshering	Tshalimphay Nunnery of Meditation Centre, Thimpu, Bhutan
38	A/2323/2011	Sumedha Dua	Residential Charitable School, Uttar Pradesh
39	A/2383/2011	Sundram	Acharya Kulam A Devine Centre for Education, Chhatra, Jharkhand
40	A/2415/2011	T. Aishwarya	Nizamuddin Heritage International Centre, Delhi
41	A/2364/2011	Tamanna Arora	Guru Ravidass Memorial Complex, Punjab
42	A/2350/2011	Vipasha Midha	National Institute of Mental Health Rehabilitation
43	A/2381/2011	Vishakha Sharma	Cultural and Haritage Commerce and Tourism in Bundi
44	A/2366/2011	Vishwajeet Singh	City Centre, Bulandshahr
45	A/2367/2011	Wahengbam Dhanajit Singh	Mughal Museum, Agra
46	A/2377/2011	Abhishek Kumar	High-rise: A Solution to Transit Oriented Development
47	A/2079/2008	Albert Rajkumar	IMA Market, Market od Mothers
48	A/2337/2011	Anika Pahadia	Revamping of Nizamuddin Railway Station, Delhi
49	A/2315/2011	Ankita Bhati	Polo and Equestrian Sports Centre, Jodhpur
50	A/2404/2011	Arka Majhi	Vikas Bhawan Redevelopment, New Delhi

51	A/2282/2010	Arkita	The Community Resort, Vishakhapatnam
52	A/2357/2011	Ashish Kumar Dwivedi	Socio Cultural Centre, Shahdara CBD, Delhi
53	A/2332/2011	Bhaswati Mukherjee	Vidhan Sabha Ranchi
54	A/2354/2011	Bhushetti Manikanta	Mixed Use Development Hyderabad
55	A/2204/2010	Chinmay Vijay Agashe	World cup Football Stadium, Bangalore
56	A/2393/2011	D B Sweta Sudha	Sociocultural Centre, Dwarka, Delhi
57	A/2369/2011	Deepak Kumar	National Institute of Fashion Technology, Panchkula, Haryana
58	A/2320/2011	Devansh Mahajan	Riverfront Cultural Hub
59	A/2221/2010	Devika Nayal	Football Stadium, Dwarka Sec-19
60	A/2331/2011	Gunjan Aggarwal	Centre for Disability Sports
61	A/2290/2010	Hatharki Brahma	North-East Convention Centre, Assam
62	A/2318/2011	Indrakanti Venkata Sai Sasank	Abdul Kalam Vision Centre, Rameshwaram
63	A/2376/2011	Jithin K. Shamsu	Redevelopment of Sakthan Thampuram Bus Terminal, Trishur
64	A/2252/2010	Jorigay Narasimha Ravi Teja	Urban Commercial Centre. Vizag
65	A/2370/2011	Kairamkonda Jithin Babu	Bollywood Film City Tower, Mumbai
66	A/2303/2010	Karishma Sehgal	Animal Care Shelter, Rajouri
67	A/2200/2010	Nallam Phani Teja	Zoetic Sky Scrapers, Amaravati
68	A/2358/2011	Nikita Bhargava	Centre for Community Development, Madanpur Khadar, Delhi
69	A/2319/2011	Nishita Mohta	Old Quarter Heritage Nexus, Panji Goa
70	A/2428/2011	Oorvi Sharma	Grand Mosque Cultural Hub and Petroleum Centre, Abu Dhabi
71	A/2394/2011	Pradeepan Saha	Kidderpore Dockyard Redevelopment, Kolkata
72	A/2397/2011	Pulkit Mogha	Godhra Museum and Memorial Complex
73	A/2351/2011	Rahul Grover	SPCA Noida Humane Facility: Animal Wellness Centre
74	A/2167/2009	Rajni Kant	Jawahar Navodaya Vidyalaya
75	A/2407/2011	S. Shankar	Multimodal Interchange Hub, Chennai
76	A/2329/2011	Sahil Gupta	School for Alternative Education, Delhi NCR
77	A/2322/2011	Shamita Chaudhary	Community Empowerment Centre Mehrauli
78	A/2353/2011	Shashank Jain	Residential School, Dwarka
79	A/2371/2011	Shijo Antony Jose	Museum of Architecture
80	A/2316/2011	Shivam	Sports and Housing A Healthy Combination Housing Redevelopment Case Delhi
81	A/2423/2011	Shivani Raina	Okhla Mandi Redevelopment and Homeless Shelter
82	A/2325/2011	Shubham Kesharwani	Bhopal Memorial, Bhopal
83	A/2362/2011	Snehanjali Jena	Centre for Habitat Design
84	A/2162/2009	Sunil Kumar Yadav	

85	A/2114/2009	Suram Hazarika	School of Planning and Architecture, Vasant Kunj, Delhi
86	A/2106/2009	Syed Shabeeb Raza Bilgrami	Markaz-E-Shaoor (A Centre for the Concsious)
87	A/2356/2011	Tanvi Goel	Anvaya Health Care- Hospital and Hospice
88	A/2339/2011	Trisha Das	Research and Laboratory Complex- IIT Kanpur
89	A/2414/2011	Ujjal Hafila	Football Stadium, DND Flyway, Delhi
90	A/2385/2011	Venna Sri Hari Kanth	Mahabalipuram, Oceanarium
91	A/2386/2011	Vikas Verma	Rajkiya Medical College, Madhopur, Chandali

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
2014-15	Ms. Manjari Khanna	Security and Resilience in Public Buildings	Prof. Dr. Mandeep Singh
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
2016-17	Mr. Atul Kumar Singla	Optimal Resource Planning for University Design	Prof. Manoj Mathur
2016-17	Ms. Shruchi Modi	Evaluating the social sustainability of residential high rises from the perspective of raising children	Prof. Dr. Mandeep Singh
2016-17	Ms. Pallavi Sharma	Architecture Beyond Mimetics	Prof Manoj Mathur
2016-17	Mr. Khushal Matai	Environmental Impact of Solar Photovoltaics Installation/Integration on Urban Heat Island Effect and Strategies for Mitigation	Dr. Shweta Manchanda

12. Research thrust areas of the department

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

- 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:

Name of the Project	Name of Team Leader/ Faculty	Thrust Area/ Expected Outcomes	Expected Outcomes	Total Grant/ Fee (Rs. in Lakhs)
Shading devices-system design and product laboratory	Shweta Manchanda	Product development under Design Innovation Center	Readily deployable varied device prototypes Consultancy solutions for select complex situations Ready reckoner manual publication	11
Shukratal, village in U.P. May-June 2015.	Parul Kiri Roy			Not available

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	ONGC at Dehradun including north side colony, south side colony, KDMIPE campus, helipad etc. Totaling about 100 acres	Prof. M L Bahri	Building Design	-
2	ONGC at Vadodara, 204 acres including residential complex, office buildings, like shell gas center, golf course and sports complex, etc.	Prof. M L Bahri	Building Design	-
3	Renovation to the existing ONGC academy and Nehru auditorium at KDMIPE campus, Dehradun including planning, landscaping, road networking, parking etc. Covered area : 4025 sq m	Prof. M L Bahri	Building Design	-
4	Renovation for AMN Ghosh auditorium at KDMIPE campus, Dehradun (ONGC ltd). Covered area: 970 sq m	Prof. M L Bahri	Building Design	-
5	Rejuvenation of Water Bodies, Delhi Cantonment.	Prof Y.K. Jain	Services	-
6	Comprehensive Improvements to Drainage and Sewerage System, Delhi Cantonment.	Prof Y.K. Jain	Services	-
7	Proof Checking of Structural Designs and Drawings of "Proposed Development of Airport at Ajmer, Kishangarh, Rajasthan for Airport Authority of India, Ajmer.	Prof Y.K. Jain	Services	-

8	Audit and Certification Service Residential Township at Rajapura, Bangalore, DLF Universal Ltd.; DLF Homes Panchkula DLF Pvt. Ltd., DLF Valley Panchkula, Haryana; DLF universal Ltd., Capital Green, Delhi	Prof. Mandeep Singh	Audit and Certification Service	-
9	Shri Mata Vaishno Devi Shrine Board, Katra, JandK.	Prof. Mandeep Singh	Building Design	-
10	Comprehensive Conservation Management Plan (CCMP) for the National Archives of India under Ministry of Culture with the department of Architectural Conservation	Saptarshi Sanyal	CCMP	-
11.	Value premiums, workplace productivity in green office buildings in India by RICS research grant in collaboration with University of Melbourne, Australia		Focusing on IGBC/LEED rated green office buildings (with various ratings) in 10 cities with various tenures-owner occupied, single-tenant, multi-tenant, this research based on primary collection of data (on values, rentals, energy and water performance of buildings) and face-to-face interviews with investors/ developers of select (25) buildings will investigate the market demand, value premium, workplace productivity gains with green buildings in India	10,000 GBP

	Green Campus Initiative and is sanction under solar cities scheme of Ministry of New and Renewable Energy, government of India.		Reduction in fossil fuel consumption by 25 percent as well as reduction in water consumption, waste generation, and improvements in environmental awareness and efforts.	5
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15. Details of the papers published in peer reviewed journals or reviewed book chapters by the regular faculty.

Prof. Dr. Ranjana Mital

Book chapter

Mital, R. (2014) 'The Importance and Necessity of the Informal Market as Public Place in Delhi', in Clifton Evers and Kirsten Seale (eds.) *Informal Urban Street Markets: International Perspectives*, Routledge, 2014

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

Books

Mital, R. (2015) *The Tirtha at Mukteswar –Undersatnding its Architecture*, Copal Publishing, New Delhi.

Mital, R. with a co-author (2016) *High-density Housing for Mixed-income Groups*, Copal Publishing, New Delhi.

Leon A Morenas

Morenas L, "Delhi's Post-Colonial Development Machine: How Can Science and Technology Studies (STS) Help Rethink the Urban?" in Surjeet Singh (Ed.), *Proceedings of the First Northern Regional Social Science Congress, NRC-ICSSR*, Rawat Publications, New Delhi, 2015.

Dr. Rajaprakash

Paper Published in Journal of Civil Engineering and Environmental Technology (JCEET) "Descarte's And Modernism and Architectural Movement, Volume 3, Issue 5 P-ISSN: 2349-8404, E-ISSN: 2349-879x) June, 2016

Attended and Presented a Paper Titled "Descarte's And Modernism An Architectural Movement" At International Conference On Emerging Technologies In "Civil Engineering Architecture And Environmental Engineering For Global Sustainability" (Ceaegs-2016 Organised By Krisi Sanskriti Publications At Jawaharlal Nehru University, New Delhi May 2016

Parul Kiri Roy

'Innovative pedagogic methods for sensitization to context'- **JIIA**, Northern Chapter (2015). Co-authored with Anjali Mittal

Saptarshi Sanyal

The Poet's Home: Architectural Innovations in Rabindranath Tagore's Dwellings in Santiniketan"; International Journal of Arts and Sciences, Vol. 8(8) 2015 ISSN: 1944-6934

Anjali Mittal

Innovative Pedagogic Methods for Sensitization to Context'- JIIA, Northern Chapter (2015). Co-authored with Parul Kiri Roy.

17. Faculty serving in (a) national committees (b) international committees(c) editorial boards (d) any other (please specify)

Prof Mandeep Singh

National Committees:

- Member of Board of Studies, DIT (Dehradun Institute Technology)
- Member of Council Of Architecture Inspection Team
- Member of Committee to establish multi-disciplinary colleges in Andaman and Nicobar
- Member of Board of studies, GNDU Amritsar
- Faculty selection team member at:
 - Indira Gandhi Technical University For Women, Delhi (Sept 2015)
 - IIT Guwahati (Oct 2015),
 - APJ Abdul Kalam Lucknow (October 2015)
 - Gautam Buddha University (April 2015)
 - IIT Roorkee (April 2016),
 - Shri Shri University Bhubaneswar (April 2016)

Prof. Dr. Ranjana Mital

National Committees:

- Life member , Council of architecture
- Life member; Conservation society Delhi.
- Foundation member; SPA alumni

Prof. Y. K. Jain

National Committees:

- Project Monitoring committee, Centre for Building Energy Research and Development under Indo - US Joint Clean Energy Research and Development Centre, Department of Science and Technology, New Delhi.

Prof. Manoj Mathur:

National Committees:

- Bureau Of Indian Standards, New Delhi: Member Committee On Aluminium Windows
- IIT-BHU, Varanasi : Member , Building And Works Committee
- IIM, Udaipur: Member, Expert, Committee For New Campus Development
- IIDEM, Election Commission, New Delhi : Member, Building Advisory Committee
- CU-Raj, Kishengarh, Raj.: Member Board Of Studies

- UGC, New Delhi: Member, Expert Committee For Research Grant Allocation
- COA, New Delhi: Member, Undergraduate Studies Board
- INSDAG, Kolkata: Member, Evaluation Committee

Leon Morenas

National Committees:

- Reviewer for Enquiry: A Journal for Architectural Research published by the Board of the Architectural Research Centers Consortium (ARCC)
- Member on the Board of Studies of the Bachelor of Architecture Programme at the School of Planning and Architecture, Vijayawada

Prof. M.L. Bahri

National Committees:

- Chairman, Student Grievance Committee
- Member, Academic Council.

Membership on Professional and other Bodies

- Fellow Membership – Indian Institute of Architects.
- Member Council of Architecture.
- Member, Committee for Institution / Other Practice for Faculty of SPA

Dr. Rajaprakash:

National Committees:

- Member of Student Counselling Committee, 2015
- Member of Academic Council, SPA since 2015
- Life Member in Council Of Architecture, New Delhi
- Life member in IVVRF (Institute of Vedic Vastu and Research Foundation, Indore.
- Life Member in Society of Water Resources, Roorkee.
- Member of International Medical Society (Annual)
- Life member of SPA Alumni, New Delhi
- Member international association of academicians and researchers (INAAR), Pune

Shweta Manchanda

National Committee:

- Green buildings awards committee, Ministry of New And Renewable Energy, Govt. Of India

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

Saptarshi Sanyal

National Committees:

- National Coordinator: International Council for Monuments and Sites (ICOMOS), India
- National Scientific Committee on Training

Mekhla Parihar

International Committees:

- Member, United State Green Building Council (USGBC)

18. Exhibitions, Seminars or Workshops Organized by the Students and Faculty of the Department

Prof. Dr. Ranjana Mital

- Participated in “Women in Architecture in India challenges in the 21st century”, conference organized by School of Planning and Architecture, SPA Alumni, Indian Institute of Architects, at India International Centre, New Delhi on 6 June 2015

Shweta Manchanda

- Sustainability sensitizing workshop for students of IVth year B.Arch. organized by Ms. Sangita Kapoor, 3 days, November 2015
- FFI students competition on façade development organized for IIIIRD yr. B.Arch. students by the Indo German Chamber of Commerce
- Design builder training workshop organized by BEMAP, building energy modelling and advisory project under Indo-Swiss funded air conditioning program, 3 days, October, 2015
- Form and façade optimization workshop organized for III yr. B.Arch. students by environmental design solutions Pvt. Ltd.
- Edge software introduction workshop organized for III yr. B.Arch. students by international finance council, world bank group, February, 2016

Parul Kiri Roy

- “Jahan Se Hum Aayen...(the place we come from...)”- the migration story of construction workers. Dec.'15 - Spaces in transition- transient habitation for construction workers. May '16.

Arpita Dayal

- 5 day integrated workshop – between Architecture Design, BC, Structures, Workshop from 13th – 17th Nov 2015 for First Year, B.Arch.

Anjali Mittal

- “Socio-spatial landscapes of Shahjahanabad”. End-term exhibition of Theory of Settlement (Sociology), Second Year. Dec 2015.

- Workshop on 'Exploring Potential and Possibilities of the Seminar Programme', March 2016

Vandana Kothari

- Painting selected for 'Honorable Mention Award' (Junior Category) and displayed at State Art Gallery, Hyderabad on 27th March 2016 as part of the 29th National Exhibition of Contemporary Art, SCZCC Nagpur
- Participated in an Art camp at Simhastha Kumbh, Ujjain organized by South Central Zonal Cultural Centre (SCZCC) Nagpur under the aegis of Lalit Kala Akademi Delhi from 25th April to 21st May 2016

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

Participation only:

Prof. Mandeep Singh

- International Conference "Tomorrow's India, 2016 on 'Where Culture Unite, Knowledge Evolves and Business Transcends Boundaries' by Global Social India Foundation at Singapore.

Prof Bahri

International Workshops

- Workshop with University of Applied Sciences, Erfurt, Germany from 28th May, 2015 to 4th June, 2015.
- Workshop with University of Applied Sciences, Erfurt, Germany from 12th June 2016 to 17th June, 2016.

Seminars

- Symposium on Sustainable Smart Cities, 16th March 2015, India Habitat Centre, New Delhi
- Conference on Architects and Smart Cities Mission 11 – 12 April 2016, PHD Chambers of Commerce, Khelgaon Marg, New Delhi.
- Workshop on Ease of Doing Business for Construction Permits in Delhi, 28th April 2016, Vigyan Bhawan, New Delhi.

Prof Y.K. Jain

- International Conference "Tomorrow's India, 2016 on 'Where Culture Unite, Knowledge Evolves and Business Transcends Boundaries' by Global Social India Foundation at Singapore.
- International Conference on 'Innovations in Structural Engineering' at Hyderabad organized by Department of Civil Engineering, University college of Engineering, Osmania University, Hyderabad.

Dr. Rajaprakash

- Workshop on 3d printing, at Center for science education and communication (CSEC) and HRD Cluster Innovation Centre (CIC), University of Delhi. 2015
- Women in architecture (WIA) in India challenges in the 21st century at IIC, New Delhi, June 2015
- Seminar and exhibition celebrating 40 years of Delhi Urban Arts Commission (DUAC), at IHC, New Delhi, June 2015

- IUC Conference, Smart Society at FICCI auditorium, New Delhi 2015
- 2nd international symposium on New Processes And Application For Plants And Microbial Products, organised by TERI and CSIC, India Habitat Centre, New Delhi, March 2016

Shweta Manchanda

- Design Builder Training Workshop Organized By BEMAP, Building Energy Modelling And Advisory Project Under Indo-Swiss Funded Air conditioning Program, October, 2015
- Thoughtful Cooling-Training The Trainer Workshop Organized By Balance Solutions Under Indo-Swiss Funded Air conditioning Program At Vastu Kala Academy, New Delhi, Jan, 2015
- Attended Green Summit 2016 Organized By Adarsh, Griha At IHC, New Delhi, March 2016

Shuvojit Sarkar

- 5th International Conference on Climate Change And Sustainable Management Of Natural Resources, 09th To 11th Feb, 2016 Organized By ITM University Gwalior, MP; Presented A Paper 'Developing Environmental Indicators For Urban Settlements In India'
- International Conference On Emerging Technologies In "Civil Engineering, Architecture And Environmental Engineering For Global Sustainability" (Ceaegs-2016) Held At Jawaharlal Nehru University, New Delhi, On 1st May, 2016. Presented A Paper On Strategies For Mitigating Heat Island Effect

Parul Kiri Roy

- Invited as Contributor- Sense of History- Workshop organized by Greha, INTACH, Delhi, May 2016
- Windows+ Mirrors (Looking at Contemporary Architecture in South Asia), Concluding Conference of *The State of Architecture*, Mumbai, March 2016
- Inequalities and Exclusion: Role of Media and civil Society, National Foundation for India, Delhi. March 2016
- Symposium during India Design ID, Feb 2016
- Seminar, Celebrating a Life- Kanvinde@100, Delhi, Feb 2016
- NATCON, IIA Convention, Kolkata, Dec. 2015
- SAVA Conference, Bhopal, organized by SPA, Bhopal, Dec. 2015
- 'Urban Realities and Citizen-Designer', Smart Realities, Community Space Design, Korean Cultural Centre, Delhi, Nov. 2015
- History Project Workshop, organized by Greha, Nov. 2015
- 'Cities of Delhi', organized by CPR (Centre of Policy Research), August 2015
- Women in architecture (WIA) in India challenges in the 21st century at IIC, New Delhi, June 2015

Mekhla Parihar

- Conference on "South Asian Vernacular Architecture" organized by SPA, Bhopal and held at Bhopal from 11th-13th Dec 2015.
- Seminar and book release, "celebrating a life: Kanvinde at 100" at ICCR, New Delhi on 9th Feb 2016.

- Lecture by Jon Lang on “urban design and development of battery city park, new York, USA” at new committee room, SPA, New Delhi on 19th Feb 2016.
- National conference on “Shelter in Emergencies – Challenges And Possibilities” organized by care India on 25th Feb 2016 at hotel royal plaza, New Delhi.
- International seminar on “Emerging Building Materials and Construction Technologies organized by BMTPC on March 21-22, 2016 at IHC, New Delhi.
- Research colloquium organized by INTACH on 30th April 2016 at IIC, New Delhi.

Saptarshi Sanyal

- Attended international council on monuments and sites - national workshop - ‘Making Heritage Buildings And Spaces Come Alive’, Kolkata, April 2016; Paper presentation: “Learning From Santiniketan: Experiences In Research, Management And Education For Heritage Interpretation; film screening: ‘Antardrishti – an exhibition of students ‘work’.

Arpita Dayal

- Participation In “Architecture And Design Summit, 3rd Edition: Transformations 2020” Held at Bangalore (10th-11th September 2015)
- Presentation On ‘Contextual Modernism: A Phenomenological Approach’ In The *Pecha Kutcha* Session At The ‘Modernism in South Asia- Pierre Jeanneret’s Gandhi Bhawan’ Held at Gandhi Bhawan, Punjab University, Chandigarh on the 4th and 5th December 2015.
- Participation at The Second Workshop Titled ‘Conservation Of Cement Concrete and Modern Heritage In India’ of the Series ‘Modernism in South Asia- Pierre Jeanneret’s Gandhi Bhawan’ held at Gandhi Bhawan, Panjab University, Chandigarh on The 28th and 29th April 2016.
- Lecture by Jon Lang on “Urban Design and Development of Battery City Park, New York, USA” at New Committee Room, SPA, New Delhi on 19th Feb 2016.

Anjali Mittal

- Women in architecture (WIA) in India challenges in the 21st century at IIC, New Delhi, June 2015
- NATCON, IIA Convention, Kolkata, Dec.2015

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.

Shweta Manchanda

Three best students of building science and services 7 course of 2014-15 awarded sponsorship for conference travel and registration for ECOSPERITY 2015, Singapore.

Vandana Kothari

Winner of ‘Honorable Mention Award’ (Junior Category), Department of Youth Advancement, Tourism and Culture, Govt. of Telangna March 2016

22. Internal and external members of the Board of Studies

EXTERNAL MEMBERS

- Prof. Vinod Gupta, New Delhi
- Shri Ravi Punde, New Delhi
- Prof. Amitava Roy, Kolkata
- Prof. Dr. Rachna Khare, Bhopal
- Prof. Vibhuti Sachdev, Gurgaon

INTERNAL MEMBERS

- Prof. Dr. Mandeep Singh, Dean of Studies
- Prof. Dr. Aruna Ramani Grover, Professor of Architecture
- Prof. Dr. Ranjana Mital, Professor of Architecture
- Prof. Dr. Anil Dewan, Professor of Architecture
- Prof. Dr. Jaya Kumar, Professor of Architecture
- Prof. YK Jain, Professor of Civil Engineering
- Dr. Leon A Morenas, Associate Professor of Architecture
- Dr. Shweta Manchanda, Associate Professor of Architecture
- Ms. Moulshri Joshi, Assistant Professor of Architecture
- Ms. Mekhla Parihar, Assistant Professor of Architecture

23. Internal and external members of the Departmental Research Committee

EXTERNAL MEMBERS

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

INTERNAL MEMBERS

- Prof. Dr. Mandeep Singh, Dean of Studies
- Prof. Manoj Mathur, Head of Department, Dept. of Architecture
- Prof. P.S.N. Rao, Coordinator, Ph.D.
- Prof. Dr. Aruna Ramani Grover, Professor of Architecture

24. Prominent visitors to the department of studies:

Ar. Robert Fox Of Cook Fox Architects, New York, August, 2015

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

Prof Mandeep Singh

- Architect selection team member at Mahindra World City (April 2016)
- expert evaluation for project, Institute of cost accountant, March 16
- Review of Syllabus of Arch And Physical Planning At GNDU, Amritsar Nov 15
- PhD evaluation at Gautam Buddha University Sept 2015
- PhD evaluation at IIT Roorkee Aug. 2015
- Expert member of campus construction IIM Raipur, Aug. 2015

Prof. Dr. Ranjana Mital

- Jury member for 2013-16 North zone coordinator and member of jury for INSDAG National Students Competition
- Dec 2015 invited by NBCC to be member of jury for: a) Design Concept presentation for Lake View Complex, on 10.26 hectares of DDA land at Trilokpuri, Delhi and b) Development of East Delhi Hub, Karkardooma, New Delhi April 2016 invited by NBCC to be member of jury for Design Concept Competition for ITPO

Parul Kiri Roy

- Presentation on 'The Migration Story of the Sunderbans - Learning from Indigenous Knowledge and Design of Sustainable Habitats-' (The History Project Colloquium, GREHA, New Delhi, Oct.2015)

Shuvojit Sarkar

- Sushant School of Art and Architecture, Gurugram - as an external Jury Member
- University School of Architecture and Planning, IP University, New Delhi -as an external Jury Member
- Vastu Kala Academy, IP University New Delhi- as an external Jury Member

Arpita Dayal

- Sushant School of Art and Architecture, Gurugram - as an external Jury Member for fourth year, B.Arch. jury
- University School of Architecture and Planning, IP University, New Delhi -as an external Jury Member

Dr Rajaprakash, P.

- Joint studio with Department of Architecture (Semester V) in Dayanand Sagar Institute (DSI), Bengaluru with the Department of Architecture, DSI; coordinated by Dr Rajaprakash and Prof. Sathya Prakash Varanashi.

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 Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Rabidyuti Biswas	B.E. (Civil), Master of Regional Planning (IIT Kgp), Ph. D. (IIT Roorkee)	Associate Professor and Head	Regional Planning, Infrastructure Planning and Management	22
Mahavir	B. Arch., MURP, P. G. Diploma (Remote Sensing), Ph. D. (ITC-Utrecht, The Netherlands)	Professor of Planning	Urban and Regional Planning, Geo-informatics	30
Ashok Kumar	M.Sc. Geography; MP (URP); PGDHRM; Ph.D. (The University of Liverpool, U.K.)	Professor of Physical Planning; Coordinator, Internal Quality Assurance Cell (IQAC)	Inclusive Planning; Spatial Justice; Planning Epistemologies; Public Participation	25
Mayank Mathur	B Arch, M Housing, P. G. Dip in Housing Planning and Building, The Netherlands, Ph.D.	Associate Professor	Housing and Community Planning, Environmental Science, Design of Human Settlements	25

Poonam Prakash	B.Arch., M. Planning (Housing), Ph.D.	Associate Professor of Physical Planning	Public Participation, Plan Preparation and Implementation, Low Income Housing, Planning Education	23
Ms. Priti Deo	Masters in Geography M. Planning (Regional Planning)	Assistant Professor of Physical Planning	Regional Planning; Settlement Geography	12
Ms. Papiya Bandyopadhyay Raut	Masters in Geography M. Planning (Regional Planning)	Assistant Professor of Physical Planning	Regional planning Informal Sector and Planning; Village and Community	21
Mr. Piyoosh Singh	B. Arch MCP (Masters in City Planning)	Assistant Professor of Physical Planning	Culture and Cities, Human Settlements History, City 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 per Week
Rabidyuti Biswas	III	Planning and Design Studio (Transport Planning)	9
	IV	Planning and Design Studio (Housing Aspects)	8
	IV	Planning Techniques II	3
	VIII	Thesis	5
Mahavir	VII	Planning and Design Studio (Regional Planning – Almora 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 – New Panvel, Navi Mumbai)	3
			5

Ashok Kumar	VII	Planning and Design Studio (Regional Planning – Almora District)	8
	IV	Planning Theory – I	3
	IV	Planning Theory – II	3
	VIII	Thesis and Terminal Project	7
	VI	Planning and Design Studio (Master Plan – New Panvel, Navi Mumbai)	8
Mayank Mathur	I	Planning Studio I	11
	IV	Environmental Science	3
	V	Housing and Community Planning	2
	VI	Planning and Design Studio (Master Plan Panvel New Mumbai)	6
	VIII	Thesis and Terminal Project	6
Poonam Prakash	I	Planning Techniques I	3
	I	Planning Communication I	2
	II	Planning Communication II	2
	II	Planning Studio II	8
	III	Techniques of Planning I	3
	V	Planning Studio (Zonal Aspects)	6
	VIII	Professional Practice	2
	VIII	Thesis and Terminal Project (Thesis Coordinator)	6
Priti Deo	I	Planning techniques – I	1
	I	Planning Communication – I	2
	II	Introduction to Social Sciences	1
	II	Planning Communication – II	3
	II	Computer Programming and Application – II	3
	V	Settlement Geography	3
	V	Planning and Design Studio (Zonal Aspects)	11
	VI	Planning and Design Studio (Master Plan – New Panvel, Navi Mumbai)	11
	VIII	Thesis and Terminal Project	5
Papiya Bandyopadhyay Raut	II	Site and Land Development	1
	IV	Planning and Design Studio (Site Planning)	11
	VI	Planning and Management for Informal Sector	3
	VII	Rural and Resource Planning	4
	VII	Urban Management	1
	VII	Planning and Design Studio (Regional Planning)	11
	VIII	Thesis and Terminal Project	5

Piyooosh Singh	I	Culture and Cities	1
	I	Planning Studio-1	11
	I	Planning Communications-1	4
	III	Evolution of Human Settlements	3
	II	Cities in History	3
	II	Planning Studio-2	11
	II	Planning Communications-2	4
	VIII	Thesis and Terminal Project	5

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 Integrated	Techniques of Planning	3
	I Semester	Introduction to town planning	Total 6
	M. Arch. Conservation	Infrastructure Management	2
	III Sem. M. Planning (Regional Planning)	Thesis guidance	3
	IV Semester M. Planning (Regional Planning)		
Dr. Mahavir	I Semester, M. Planning Integrated	Introduction to Remote Sensing	1
Dr. Ashok Kumar	I Semester, M. Planning Integrated	Planning History and Theory	1.5
	I Semester	Studio	3
	M. Planning Integrated		
Dr. Mayank Mathur	I Semester	Housing and Environment Planning	1
	M. Planning Integrated		(total) 2
	IV Semester M Planning, Department of Housing	Housing for Special Areas	
Dr. Poonam Prakash	I Semester, M. Planning Integrated Semester	Planning History and Theory	1.5
	I Semester	Theory and Parameters I (Introduction to town Planning)	1
	M. Arch. Conservation	Public Participation in Planning	(total) 4
	III Sem. M. Planning (Regional Planning)	Seminar (guide)	1
	IV Year, B.Arch.		

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

July to December 2015			
Name of the Visiting Faculty	Semester	Subjects (Theory and studios)	Hours per week
Amit Dongre	I Year, I Semester	Planning Communications-I	8
Mona Chhabra Anand	I Year, I Semester III Year V Semester	Planning Communication -I Development Planning'	4 3
Prabh Pedi	I Year, I Semester and II Ind Year III	Computer Applications-I and Computer Programming and Application-I	3
Pradeep Prakash	I Year, I Semester	Planning Communications-I	8
Raman Dev Surie	I Year, I Semester	Culture and Cities	2
S. C. Aggarwal	I Year, I Semester	Quantitative Methods for Planners	3
Suresh Chand	I Year, I Semester	Planning Studio-I (Neighborhood and Land Use Aspects)	11
Tapan Mondal	I Year, I Semester	Planning Studio-I (Neighborhood and Land Use Aspects)	11
Jyotsna Bapat,	II Year, III Semester	Ecology and Resource Management	3
Parul Sharma,	II Year, III Semester	Planning and Design Studio (Transportation Aspect)	6
R. M. Lal	II Year, III Semester	Planning and Design Studio (Transportation Aspect)	11
Tarun Songra	II Year, III Semester	Planning and Design Studio (Transportation Aspect)	8
Ms. Vaishali Gijre	II Year, III Semester	Planning and Design Studio (Transportation Aspect)	8
Dipak Roy Chaudhary	III Year, V Semester	Demography and Urbanization	3
Kayitha Ravindran	III Year, V Semester	Traffic and Transportation-II	3
M.Z. Bawa	III Year, V Semester	Planning and Design Studio: Area Planning/ Zonal Planning	11
Meena Vidhani	III Year, V Semester	Housing & Community Planning	2

P.V. Mahashabdey	III Year, V Semester	Planning and Design Studio: Area Planning/ Zonal Planning	11
Subir Paul	III Year, V Semester	Utilities and Service Planning	4
Jamal H. Ansari	IV Year, VII Semester	Planning and Design Studio (Block/ Sub - Regional Plan)	9
R.K Sachdeva	IV Year, VII Semester	Project Planning and Control	3
S.C. Roy	IV Year, VII Semester	Public Finance	3
January to July 2016			
R.K. Barik	I Year, II Semester and IV Year, VIII Semester	Introduction to Social Science and 'Political System and Planning'	2
Saket Bihari	I Year, II Semester and II Year, IV Semester	Economics for Planners and Elements of Economics	3
Kanchan Gandhi	IV Year, VIII Semester	Technical Report Writing	2
M.Z. Bawa	I Year, II Semester	Planning Studio-II	11
Pradeep Prakash	I Year, II Semester	Planning Communication-II	1
S. C. Aggarwal	I Year, II Semester II Year IV Semester	Site and Land Development Quantity Surveying and Specifications	2 3
Tapan Mondal	I Year, II Semester III Year VI Semester	Planning and Design Studio on Development Plan Preparation for Village/Town/City)	6 5
P.V Mahashabdey	II Year, IV Semester	Planning and Design Studio (Housing Aspects)	8
Raman Dev Surie	II Year, IV Semester	Planning and Design Studio (Housing Aspects)'	8
Shanu Raina	II Year, IV Semester	Planning and Design Studio	6
Mansi Kataria	III Year, VI Semester	Urban Design and Conservation	2
Parul Sharma	III Year, VI Semester	Land Economics and locational Theory	3
R. K. Sachdeva	III Year, VI Semester	Operations Research and System Analysis/Computer Application-III	3
Surbhi Anand Roy	III Year, VI Semester	Urban Design and Conservation	2
Uzma Azhar	III Year, VI Semester	Elements of Settlement Sociology	Total 24
V. K Dhar	III Year, VI Semester	Planning and design Studio	11
Kanchan Gandhi	IV Year, VIII Semester	Technical Report Writing	2

M.L. Chotani	IV Year, VIII Semester	Planning Legislation	3
R. M. Lal	IV Year, VIII Semester	Terminal Report	6

(b) Details of Special Lectures undertaken in the Department

Name of the Expert	Semester	Topic	Date
Sanjeev Vidyarthi	All students	Learning from India's Neighborhood Planning Experience	2 March 2016
Sanjeev Vidyarthi	All students	Planning Theory: Making Better Plan for Places	23 March 2016
Pankaj Pachauri	All students	On Communication Skills	14 October 2015
Harish Narula	All students	Waste Management Group on New Approaches to Solid Waste Management System for urban area	3 November 2015
Rajan Srivastav	All Students	UVA Based Geospatial application	13 April 2016
Piyali Bandhopadhyaya	IV year VII semester	Introduction to NUIS and ENVIS and Need for Interface	Sept 2015
Prabh Bedi	IV year VII sem	Introduction to Arc Info/ Arc GIS	Sept 2015
V. K. Bugga	IV Year VIII Sem	Property Valuation	22 April 2016
Vaishali Gijre	II year III Semester	Practical Aspects in Geometric Design of Roads	12 Nov 2015
Ankush Malhotra	IV year VIII Sem	Contracts and Tender	23 and 30 April 2016
Arti Grover	II year IV semester	Landscape for Site Planning	11 March 2016
Subir Paul	II year IV Semester	Infrastructure for Site Planning	1 Feb 2016
Prah Bedi	I year II semester	Introduction to NUIS as Planning Decision Making Tool for Municipalities	12 April 2016
Meenakshi Dhote	I year II semester	Introduction to ENVIS for Human Settlement	19 April 2016

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

None

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

Semester/Year	Project Title/Topic	Description
First Semester	Planning Studio - I	This studio introduced the students with basic concepts of mapping an area at different level for preparing base map and activity mapping. They were also introduced with the elementary knowledge of FAR, built form, built density etc. Students were taken to Dwarka Sector-12 & Rajendra Place for study of space perception in different areas.
Second Semester	Planning Studio - II	This studio introduced the students to concept of Land Use, Neighbourhood. There were two major exercises; Land Use Study and Neighbourhood Study. Different housing areas in Kalkaji were taken with different housing typologies to understand how these function as neighbourhood and whether the theoretical definitions of neighbourhood can be applied in Indian Context.
Third Semester	Planning and Design Studio (Transport Planning Aspects)	This studio introduces the students to conduct various types of transport surveys, analysis, presentation of traffic and transport data and finally able to prepare area circulation plan for selected study area of Raipur
Fourth Semester	Planning and Design Studio (Housing Aspects)	This studio the students were introduced with the concepts of neighbourhood level plan preparation for site of about ten hector. The students were introduced theories and techniques of site level plan preparation with extensive field study and surveys and analysis of the site context and site analysis for preparation of Site Plan of Pinjore – Kalka Extension, Panchkulla, Haryana.
Fifth Semester	Planning and Design Studio (Plan for sector or zone)	This studio introduces the students to lower order plans. In this semester students were taken to Raipur to prepare a Town Planning Scheme in the area.
Sixth Semester	Planning and Design Studio - Development Plan for Panvel, Navi Mumbai	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 Panvel, Navi Mumbai

Seventh Semester	Planning and Design Studio - Regional Plan for Almora, Uttarakhand	In the studio exercise the students focused on identifying planning issues, problems and potentials so that appropriate future course of action could be suggested in the form of specific policies and projects for various sectors in an integrated manner. Students finally prepared the District Development Plan for Almora for 2031 with detailed proposal on the different aspects.
Eight 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/509/2010	Ajay Singh	Evaluation of UIDSSMT Scheme case study of UP towns
BP/542/2011	Jwngma Basumat Ary	Urban Floor Management with Local Initiatives of Guwahati municipal Area
BP/544/2011	Sumit Joy Longa	Development strategies for Adityapur Nagar Parishad
BP/551/2011	Adhi Shyam Sunder	Planning Intervention in Wastewater management system, A Case Study Hyderabad, Telangana
BP/558/2012	Anusha Misra	Guidelines for Planning for Pedestrian Cross Facilities, Case study New Delhi
BP/559/2012	Charve Jain	Implementation Challenges of Land Pooling Policy in Delhi
BP/560/2012	Sukanya Sharma	Spatial Implications of Rurban Mission in Indore District Of Madhya Pradesh
BP/561/2012	Shreya Mangla	Public Interest in Planning : A Case of Slum Clearance
BP/562/2012	Joshi Mitali Yeshwant	Geo- Informatics Based Re Delineation of NCR
BP/563/2012	Shubham Aggarwal	Clean Energy Management by ULBS. Case Study of New Delhi Municipal Council
BP/564/2012	Niharika	Plan Implementation Issues and Challenges in Hill Towns; A Case Study of Shimla (H.P)
BP/566/2012	Malvika Paliwal	Evaluation of Affordable housing policy Study Haryana, 2013 Case Study: Gurgaon
BP/567/2012	Sudhanshu Goel	Challenges in Development of District Centres in Delhi
BP/568/2012	Swati Patel	Parking Policy as a transportation Demand management (TDM) Tool in Cities with rising Congestion

BP/569/2012	Yarram Vasavi	Multi Modal Integration at transit station
BP/571/2012	Saneera Dev	Constitution in Planning : A Case for Shelter Rights
BP/572/2012	Yassna Gautam	Mainstreaming Resilience to Disaster Risks into the Master Plan of Hill areas
BP/573/2012	Priyanka Kureel	Nature of Transformation of Urban villages in Delhi
BP/575/2012	Sonali	Issues and Imperatives for Accessibility and Mobility in urban Village, Case Study: Mehrauli
BP/579/2012	Abhishek Yadav	Transport Strategy for Varanasi
BP/581/2012	G. Karthik	Smart Master-Planning Process: Case study of Delhi
BP/583/2012	Naveen Bhaurah	Investigating the relationship between air pollutants and activities in an urban area: A case study of Delhi
BP/585/2012	Gaurav	Planning and Design Guidelines for Cycle Track
BP/587/2012	Era Hashia	Assessing Citizen Engagement in Smart Cities, under smart cities mission
BP/588/2012	Sonam Dorji	Eco-city Approach for development: A case Study of Phuentsholing town, Bhutan
BP/589/2012	Pema Zangmo	Spatial Transformation in Thimphu City, 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 the Research Supervisor	Remarks if any
2011-2012	Ms. Sanhita Bandyopadhyay	Space state model for solid waste management	Dr. Rabidyuti Biswas	
2011-2012	Mr. Bikram Kumar Dutta	Evaluation of Re-settlement and Rehabilitation Policy of India-Case Study of Highway Projects	Prof. Dr. Ashok Kumar	

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	
2012 -2013	Ms. Seema Kaushal	Evaluation of the Processes of Master Plans Preparation: A comparative Perspective	Prof. Dr. Ashok Kumar	
2013-2014	Mr. Harikrishan Gopal Nambiar	Housing Transformation around Major Urban Transportation Nodes in Mega Cities- Case Studies Delhi	Dr. Mayank Mathur	
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	
2015-16	Ms. Neha Verma	Spatial perspective on health care delivery services in Pune slums with focus on women	Dr. Poonam Prakash	

12. Research thrust areas of the Department

Inclusive Planning, Planning Epistemologies; Public Participation; Infrastructure Planning, Affordable Housing, Spatial Justice, etc.

13. Completed research projects in the Department

Name of the Project	Thrust Area	Expected Outcomes	Total Fee
E-Learning Course on 'Sustainable Urban Land use Planning in India'	Module I: Importance of Land Use Planning	Nearly 100 pages report and power point presentation has been delivered.	INR 300,000 approximately.

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)
None			

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

Suzanne Speak and **KUMAR, A.** (2016) 'Fit and Miss-Fit: The Global Spread of Urban Spatial

Injustice', in Simin Davoudi, Derek Bell (eds.) *Justice and Fairness in the City: A Multidisciplinary Approach to 'Ordinary' Cities*, Policy Press, London.

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

Dr. Rabidyuti Biswas

Biswas R., (2016), 'Residential Typology and Water Management Options for Urban Area', *Journal of Environmental Research and Development*, Vol. 10, No. 4, April- June, 2016,

Biswas R., (2015), 'Heads Speak', Interview, in Kumar, Ashok (ed.), *Heads Speak*, Department of Physical Planning, School of Planning and Architecture New Delhi.

Prof. Dr. Mahavir

Mahavir, 'Heads Speak', Interview, in Kumar, Ashok (ed.), *Heads Speak*, Department of Physical Planning, School of Planning and Architecture New Delhi, 2015.

Mahavir, 'What is in a Name: Undergraduate Planning Education at SPA New Delhi?' in Kumar, Ashok (ed.), *Reflections on Undergraduate Planning Education*, Department of Physical Planning, School of Planning and Architecture New Delhi, 2015, ISBN: 978-81-930617-3-2.

Mahavir (Co-author), 'Strategic Environmental Assessment as a Tool in Land Use Planning: A Case of Gurgaon-Manesar Urban Complex', paper published in *SPACE, The SPA Journal of Planning and Architecture*, New Delhi, Vol. 19, No. 1-2, January-June, 2015, pp.23-49.

Mahavir (Co-author), 'Mainstreaming Low Carbon Strategies in Master Planning Process: Case Study Delhi Transport Sector', paper published in *SPACE, The SPA Journal of Planning and Architecture*, New Delhi, Vol. 19, No. 1-2, January-June, 2015, pp.50-64.

Mahavir (Co-author), 'GIS Based Analysis for Assessing the Accessibility at Hierarchical Levels of Urban Green Spaces', paper published in *Urban Forestry and Urban Greening* 18(2016), pp. 198-211, Elsevier, Amsterdam <http://www.sciencedirect.com/science/article/pii/S161886671630019X>

Mahavir (Co-author), 'National Development Missions would directly suffer setback' – Observations on the Geospatial Information Regulation Bill, 2016 (Draft); Published in *Coordinates*, Vol. XII, Issue 06, 2016, pp. 16-17. <http://mycoordinates.org/the-geospatial-information-regulation-bill/>

Prof. Dr. Ashok Kumar

Books

KUMAR, A. (2015) *Reflections on Undergraduate Planning Practice*, School of Planning and Architecture, New Delhi.

KUMAR, A. (2015) *Head Speak*, School of Planning and Architecture, New Delhi.

KUMAR, A., D.S. Meshram, and Krishne Gowda (Eds.) (2016) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

KUMAR, A. and Poonam Prakash (2015) *Students Speak*, School of Planning and Architecture, New Delhi.

Papers and Book Chapters

KUMAR, A. (2015) 'Widening and Deepening Undergraduate Planning Education in India',

in Ashok Kumar (ed.) *Reflections on Undergraduate Planning Practice*, School of Planning and Architecture, New Delhi.

KUMAR, A. (2015) 'Built Environment and Women: Setting Agenda, Raising Issues', in the proceedings of the Women in Architecture in India, Challenges in the 21 Century, SPA, New Delhi.

KUMAR, A. (2016) 'Making a Beginning', in Ashok Kumar, D.S. Meshram, and Krishne Gowda (Eds.) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

KUMAR, A. (2016) 'An Exploration into the Multiplicity of Planning Knowledges', in Ashok Kumar, D.S. Meshram, and Krishne Gowda (Eds.) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

KUMAR, A. (2016) 'Role of Silences in Planning: Spatiality, Diversity and Power', in Ashok Kumar, D.S. Meshram, and Krishne Gowda (Eds.) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

KUMAR, A. (2016) 'The Future of Planning Education in India', in Ashok Kumar, D.S. Meshram, and Krishne Gowda (Eds.) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

KUMAR, A. (2015) Place of Social and Cultural Diversity in Planning Theory, *Institute of Town Planners Journal*, Vol. 12, No. 3, pp. 9 – 32.

Hemant Sharma and **KUMAR, A.** (2016) *Locating Smart Cities in India: A Case of the State of Karnataka*, *Institute of Town Planners Journal*, Vol. 13, No. 1, pp. 28 – 44.

Dr. Mayank Mathur

Mathur, M (2015) The Housing Process based on Values Judgement Spatio-Economic Development Record, Vol. 22 No. 3, May- June 2015.

Mathur, M (2015), 'Heads Speak', Interview, in Kumar, Ashok (ed.), Heads Speak, Department of Physical Planning, School of Planning and Architecture New Delhi.

Mathur, M (2016) Urban Informal Sector: How sustainable is it? International Symposium at Kolkata on 27th and 28th of January organized by the Department of Architecture and Regional Planning, Indian Institute of Technology Kharagpur in association with the Ministry of Housing and Urban Poverty Alleviation (MoHUPA), Government of India

Dr. Poonam Prakash

KUMAR, A. and **Poonam Prakash** (2015) *Students Speak*, School of Planning and Architecture, New Delhi

Prakash, P. (2015) Critical Learning and Reflective Practice through Studio Based Learning in Planning and Architecture Education, *Creative Space*, Vol. 3, No. 1, July 2015, pp. 41-54.

Prakash, P. (2016) 'Ethics and Planning Education in India', in Ashok Kumar, D.S. Meshram, and Krishne Gowda (Eds.) *Urban and Regional Planning Education: Learning for India*, Springer, Singapore.

Vardhan, P., Demla, P. and **Prakash, P.** (2015) Site Suitability Analysis for Sanitary Land Fill Site for Dehradun Using Analytical Hierarchy Process, Paper presented at National Symposium on Geomatics for Digital India, Jaipur, 16-18 December 2015.

Papiya Bandyopadhyay Raut

Raut S.K. and **Raut P. B.** (2016) Smart Sustainable E-Solutions for Implementation and Enforcement

of Smart Cities in India (reviewed paper) in International Conference Proceeding of Real Corp, ISBN -978-3-9503110-9-9.

17. Faculty serving in

(a) National Committees

Dr. Rabidyuti Biswas

- Secretary, Educational Standing Committee, ITPI, New Delhi
- Member of Evaluation Committee (ITPI) for evaluation of Planning Courses in India
- Member of Professional Standing Committee, ITPI, New Delhi
- Member of Selection Committee for Planning Faculty in Gautam Budh University, G. Noida.

Prof. Dr. Mahavir

- Member, Technical Advisory Committee for Coordination and Implementation of the Formulation of GIS-Based Master Plans Scheme; Ministry of Urban Development, Government of India.

Prof. Dr. Ashok Kumar

- Member, National Advisory Council, Regional Studies Association, India Division, New Delhi.
- Member, All India Board of Town and Country Planning of the All India Council for Technical Education, New Delhi.
- Member, Advisory Committee for the CIDCO Smart City Chair at NIUA, NIUA, New Delhi.
- Member, Executive Committee of the Institute of Town Planners India, New Delhi.

Dr. Mayank Mathur

- Secretary, Town Planning Examination Board, ITPI, New Delhi.
- Member, Executive Committee, ITPI, New Delhi.
- Vice President, IHS Alumni Association India

Dr. Poonam Prakash

- Independent director, Integrated Industrial Township Greater NOIDA Limited,

(b) International Committees

Prof. Dr. Ashok Kumar

- Chairman, International Committee, ITPI, New Delhi.
- Member, Regional Studies Association, U.K.
- Member, University of Liverpool Alumni Association, Liverpool, England, U.K.

(c) Editorial Boards

Dr. Rabidyuti Biswas

- Reviewer for the Journal for Trans-disciplinary (Td) Research in Southern Africa.
- Member of editorial board of International Journals On *Biodiversity Watch*, ISSN NO: 2438-4497

Prof. Dr. Mahavir

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

Prof. Dr. Ashok Kumar

- Editor, *ITPI Journal* and *Planners' Newsletter*, Institute of Town Planners, India, New Delhi
- Scientific Correspondent for the newly launched *Spatial Justice Journal* being edited from Université Paris X Nanterre, Paris, France.

(d) Any other

Dr. Rabidyuti Biswas

- Selection committee member for admission in P.G course in Urban Planning
- Selection committee member for Post of Technical Officer (lab) of the School
- Member of the departmental promotion committee for Mess Staff of the School
- Member of Consultancy Committee of the School
- Member of Library Committee of the School
- Member of House Allotment Committee of the School
- Member of Academic Council of the School
- Member of Managing Committee of Students Aid Fund of the School
- Selection committee member of admission in P. G. Course in Environmental Planning March 2016

Prof. Dr. Mahavir

- Member of the Senate, SPA, Bhopal
- Member, Board of Studies and Area Advisory Board, Amity School of Architecture and Planning, Amity University, NOIDA, U. P.
- 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

Prof. Dr. Ashok Kumar

- Fellow Member of Institute of Town Planners, India, New Delhi.

- Coordinator, Internal Quality Assurance Cell (IQAC), School of Planning and Architecture, New Delhi.
- Member, National Association of Geographers of India, New Delhi.
- Member, Academic Council, School of Planning and Architecture, Bhopal, Madhya Pradesh.
- Member, Academic Council, School of Planning and Architecture, New Delhi.
- Member, Indian Institute of Public Administration, New Delhi.

Dr. Mayank Mathur

- Member, Town Planning Examination Board and Board of Studies of ITPI, New Delhi.
- Coordinator of the jury of the V. N. Prasad Best Thesis Award on planning for the year December, 2015.
- Coordinator for Dr. D.S. Meshram Best Thesis Award 2015 for under graduate planning students, ITPI, New Delhi, December 2015.
- Member for recognition of B. Planning Course at CEPT, Ahmedabad, August, 2015
- Expert Team Member for recognition of B. Planning Course at Manipal, University Jaipur, December, 2015
- Examiner for Semester I MURP and Dissertation of Semester III, MURP for Deenbandhu Chhotu Ram University of Science and Technology, Murthal, November, 2015.
- Member, Board of Studies Gautum Buddha University, NOIDA
- Guide and Jury member for the Planning and Design Portfolio for post graduate students of ITPI New Delhi, January 2016.
- Fellow Member, Institute of Town Planners, India, New Delhi.
- Associate Member, Indian Institute of Architects, Mumbai
- Registered with Council of Architecture, New Delhi.
- Member, Executive Council, SPA, New Delhi.
- Member, Academic Council SPA, New Delhi.
- Coordinator for Silver Jubilee Function to commemorate 25 years of the Department of Physical Planning, School of Planning and Architecture, New Delhi, 24th September, 2015
- Convocation Coordinator for the XXXIII Convocation of SPA, New Delhi, held at Siri fort Auditorium, New Delhi, 8 March 2016.

Ms. Priti Deo

- Associate Member, Institute of Town Planner, India
- Member, Regional Science Association, India
- Life Member, National Association of Geographers, India.

Papiya Bandyopadhyay Raut

- Associate Member, Institute of Town Planner, India

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

Piyoosh Singh

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

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

(a) **Exhibitions**

(b) **Seminars/Workshops**

- **International Conference on Risk and Resilience in Hill Areas, October 2015**
 - The Department of Physical Planning, SPA organized an international conference on “Risk and Resilience in Hill Areas”, in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015. **Coordinator: Prof. Dr. Ashok Kumar**
- **Silver Jubilee Celebrations of the Department on 28 November 2015**
 - The event was attended by the alumni, students, visiting faculty and faculty of the department. HODs of the department since the starting of the department were felicitated. Alumni participated in a panel discussion on Undergraduate Planning Programme, Issues and Opportunities. A cultural programme by the students was also organized during the occasion.
- **Workshop on Accessible India with special lecture by Dr. Victor Pineda, 19 January 2016**
 - An interactive discussion and lecture by Dr. Victor on Universal Accessibility. Dr. Pineda is based in USA and is a disability rights scholar, advocate, filmmaker, and also a person with significant disabilities. Dr. Pineda along with a network of partners founded the Inclusive Cities Lab (ICL) to garner attention on inclusive urban development with a focus on accessibility rights of persons with disabilities in rapidly developing cities like Mumbai and Delhi. **Coordinator: Prof. Dr. Ashok Kumar and Dr. R. Biswas**
- **Silver Jubilee Alumni Lectures Series**
 - Five alumni series lectures were organized in the Department. Ms. Sanchi Pandey, Mr. Mihir Prakash, Dr. Shipra Narang, Ms. Yamini Jain, and Mr. Himanshu Shekhar delivered lectures in the school on various topical aspects of planning.
- **Visit of Minister PWD and Urban Development Shri Satyendra Jain of the Delhi Government 27 May 2016**
 - Shri Satyendra Jain, Minister PWD and Urban Development, Government of Delhi visited the department to see the exhibition of the thesis work of the final year B. Planning students. Thesis Work of the final year B. Planning students on different issues of Delhi have been exhibited. Students interacted with the minister and explained their work. Minister appreciated the work of the students. Finally the minister gave an inspiring lecture to the students.
- **Organized a review meeting of the B. Planning Syllabus**
 - Department introduced a modified syllabus for the Bachelor of Planning since July 2015.

After completion of one semester classes in the modified syllabus a meeting with the all faculty of the department and visiting faculty was organized on 2 December 2015 to get the feedback and over all experiences with the faculty with the new contents in the syllabus for first semester. **Coordinator: Dr. Poonam Prakash**

- **Organized National Unity Day or Rastriya Ekta Diwas on 5 November 2015**
 - National Unity Day was organized in the School. Sardar Patel's birth anniversary was celebrated by way of a presentation was made by Prof. Dr. Ashok Kumar leading to open house discussions by the faculty as well as the students. **Coordinator: Prof. Dr. Ashok Kumar**
- **Organized a seminar on Constitution Day on 26 November 2015 on 125 Birth Anniversary of Bharat Ratna Dr. B. R. Ambedkar**
 - A presentation about relationship between city planning and the Indian Constitution was made by Prof. Dr. Ashok Kumar leading to open house discussions by the faculty as well as the students. **Coordinator: Prof. Dr. Ashok Kumar**

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

a. International

Dr. Rabidyuti Biswas

- Attended the International Conference on Heritage Cities, organized by University of Mysore, Mysore, Karnataka. 31 October 2015.
- Attended the international conference on "Risk and Resilience in Hill Areas", in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.

Prof. Dr. Mahavir

- Participated in the Knowledge Tour, organized by the International New Town Institute (INTI, Almere), The Netherlands and mylivablecity, at the Netherlands during 11-16 April 2016.

Prof. Dr. Ashok Kumar

- Organized, attended and presented a paper in the international conference on "Risk and Resilience in Hill Areas", in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- Attended and presented a paper in the International Conference on Heritage Cities, organized by University of Mysore, Mysore, Karnataka. 31 October 2015.
- Attended and presented a paper in the Urban Seminar on 'Governance and Inclusion in Transforming Cities', organized by the School of Planning and Architecture, New Delhi, and ISS and HIS, the Netherlands. Venue: ITPI, New Delhi. 11 May 2016.
- Attended the Global Conference on 'Prosperity, Equality and Sustainability: Perspectives and Policies for a Better World', organized by the Institute for Human Development, and the World Bank. Venue: India International Center, New Delhi. 1-3 June 2016.

Dr. Mayank Mathur

- Presented a paper and participated at the International Conference on 'Heritage Cities' at Mysuru University, Mysuru, 31 October to 1 November, 2015.

- Presented a paper and participated at the International Symposium on 'Livable Habitat and Sustainable Urban Agenda' at Salt lake, Kolkata on 27 and 28 January organized by the Department of Architecture and Regional Planning, Indian Institute of Technology Kharagpur in association with the Ministry of Housing and Urban Poverty Alleviation (MoHUPA), Government of India.
- Presented a paper and participated at the International Conference on 'Design Principles and Practices' organized by University of Rio de Janeiro, Rio de Janeiro, Brazil from 25 February to 27 February, 2016.

Dr. Poonam Prakash

- Attended the international conference on "Risk and Resilience in Hill Areas", in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- Attended the international conference on "Urban Planning, Governance and Design for Reducing Urban Conflicts and Violence: Critical Learnings and Possibilities" organized by Centre for Urban Equity, CEPT University, Ahmedabad, March 2016.

Ms. Priti Deo

- Attended an International Conference on "Risk and Resilience in Hill Areas' organized by the Department of Physical Planning and Norwegian University of Science and technology at SPA Delhi, 15th October 2015.

Papiya Bandyopadhyay Raut

- Presented a paper and participated at the "21st International Conference on Urban and Regional Development in the Information Society" organized by REAL CORP 2016, at Hamburg, Germany, during 22-24 June 2016.

Mr. Piyoosh Singh

- Attended an International Conference on "Risk and Resilience in Hill Areas' organized by the Department of Physical Planning and Norwegian University of Science and technology at SPA Delhi, 15 October 2015.

b. Presentation of Papers

Dr. Rabidyuti Biswas

- Presented paper on Water and Wastewater Policy for Smart Cities in India as an invited panelist in National Summit and Exhibition on Water Wastewater Treatment and Solid Waste Management organized by WWWC, New Delhi, 19-30 September 2015
- Rapporteur in the National Workshop on Networking between Town Planning Profession and Education, organized by ITPI, New Delhi, 7 May 2016

Prof. Dr. Mahavir

- 'Reduce the Data Collection Volume by Focusing on Essential Data', Special lecture delivered at School of Planning and Architecture, Bhopal, 4 October 2015.
- 'Site Selection Process for the Capital City of the State of Uttarakhand', Invited Speaker at the International Conference on Risk and Resilience in Hill Areas, jointly organized by School of Planning and Architecture, New Delhi and Norwegian University of Science and Technology (NTNU), Trondheim, Norway, 15 October 2015.
- 'Smart Cities – Concepts, Challenges and GIS', Invited Lecture delivered during the

Special Course on Geospatial Technologies for Smart City Planning, at Indian Institute of Remote Sensing (IIRS), Dehradun, 8 December 2015.

- ‘Urban Land Use Planning and Classification Practices in India’, Invited Lecture delivered at the Land Use Planning Workshop, organized by the World Wildlife Fund (WWF) -India Secretariat, New Delhi, 10 February 2016

Prof. Dr. Ashok Kumar

- **KUMAR, A.** (2015) *Questioning the Very Logic of Public Participation in Planning*, A special lecture delivered to the trainees at IIPA, New Delhi. 25 July 2015.
- Mahavir and **KUMAR, A.** (2015) *Site Selection Process for the Capital City of the State of Uttarakhand*, A paper presented at the international conference on “Risk and Resilience in Hill Areas”, in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- **KUMAR, A.** (2015) *Potential of Coherence among City Policies in India: The case of HRIDAY, Smart City Mission, AMRUT, and Swachh Bharat*, in the International Conference on Heritage Cities, organized by University of Mysore, Mysore, Karnataka. 31 October 2015.
- **KUMAR, A.** (2016) *Five Year Integrated Master of Planning Programme*, A paper presented at a national seminar organized by the ITPI, New Delhi. 7 May 2016
- **KUMAR, A.** (2016) *Public Engagement in Smart Cities: The Case of New Delhi Municipal Council*, A paper presented at the Urban Seminar on ‘Governance and Inclusion in Transforming Cities’, organized by the School of Planning and Architecture, New Delhi, and ISS and HIS, the Netherlands. Venue: ITPI, New Delhi. 11 May 2016.

Dr. Mayank Mathur

- Presented paper at the National Seminar on ‘Making Indian Cities Smart’ at Mysuru University, Mysuru, on 10 – 11 July, 2015.
- Delivered lecture on ‘Design Process vs. Planning Process’ at University of Design, Mysuru University, Mysuru, 6 April 2016.
- Delivered lecture on ‘Guidelines for Sector Planning’ at University of Design, Mysuru University, Mysuru, 7 April 2016.

Dr. Poonam Prakash

- Presented paper on ‘Ethical Dilemmas in Planning Practice and Role of Planning Education in India’ at 13th International conference of Asian Planning Schools Association (APSA 2015), 12-14 August, Johor Bahru, Malaysia.
- Delivered lecture on “Stakeholder Identification and Analysis for Training Programme to Andhra Pradesh Municipal government Officials at Indian School of Business, Hyderabad, November 2015.
- Delivered Lecture on ‘Prerequisites for Good Urban governance’, Planning and Management of Urban Services, Training Programme for Overseas Professionals, at the Human Settlement Management Institute, Delhi, February 2016.
- Delivered lecture on “Participatory Approaches to Planning – Theory and Practice”, SPA Vijayawada, September 2015

c. Chairperson/ Member of Panels

Dr. Rabidyuti Biswas

- Panelist in National Summit and Exhibition on Water Wastewater Treatment and Solid Waste Management organized by WWC, New Delhi, September 29-30, 2015

Prof. Dr. Ashok Kumar

- Chairman for a session in the international conference on “Risk and Resilience in Hill Areas”, in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- Panelist at the Urban Seminar on ‘Governance and Inclusion in Transforming Cities’, organized by the School of Planning and Architecture, New Delhi, and ISS and HIS, the Netherlands. Venue: ITPI, New Delhi. 11 May 2016.

Dr. Mayank Mathur

- Chaired a session on Housing for Agenda for Habitat III at the International Symposium on ‘Livable Habitat and Sustainable Urban Agenda’ at Salt lake, Kolkata on 28th of January organized by the Department of Architecture and Regional Planning, Indian Institute of Technology Kharagpur in association with the Ministry of Housing and Urban Poverty Alleviation (MoHUPA), Government of India
- Conducted a session on ‘Design in Society’ at the International Conference on ‘Design Principles and Practices’ organized by University of Rio de Janeiro, Rio de Janeiro, Brazil on 26 February, 2016.

Dr. Poonam Prakash

- Invited as Panel member on Brainstorming workshop on Feasibility of Undergraduate Programme, NIRMA University, October 2015.
- Moderator for Parallel Session at 13th International conference of Asian Planning Schools Association (APSA 2015), 12-14 August, Johor Bahru, Malaysia.
- Invited as and External Expert for M. Plan (URP) Seminar, May 2016
- Invited as an External Resource Person for III year students on Local Area Planning, SPA Bhopal, October 2015.

d. Participation Only

Dr. Rabidyuti Biswas

- Participated in the National Summit on 100 Smart Cities in India organized by Bharat Exhibition, New Delhi, September 11, 2015
- Participated National Conference on Sanitation: Towards Swachh Bharat, Creating Demand and Building Partnership, New Delhi, September 24, 2015
- Participated in the International Conference on Risk and Resilience in Hill Areas organized by the Department of Physical Planning, SPA New Delhi, October 23, 2015
- Participated in the National Workshop on ‘Land Pooling Methods for Urban Development’, organized by the Town and Country Planning Organisation (TCPO) in collaboration with Japan International Cooperation Agency (JICA), New Delhi, December 1, 2015.
- Participated in Training Programme on Turitin – Anti-plagiarism software organized by the CASS-SPA, New Delhi, 17 February, 2016.

- Participated in the National Workshop on 'Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, May 7, 2016.
- Participated workshop on PSlum : The rise of private slum developer in Bangladesh and India, organized by SPA New Delhi, 16 February 2016
- Participated in the lecture on Air Quality Management in Mega Cities of India by Professor Mukesh Khare, organized by SPA, New Delhi 8 April 2016.
- Participated workshop on Sharing of Singapore and International Best Practices in Water, Wastewater and Solid Waste Management, 16-17 June 2016 organized by Niti Ayog, New Delhi.

Prof. Dr. Mahavir

- Participated in Seminar on Modern Day Technologies for World Class Infrastructure Development, organized by Trimble Navigation, USA and Geospatial Media and Communications, New Delhi, August 26, 2015.
- Participated in the National Workshop on 'Land Pooling Methods for Urban Development', organized by the Town and Country Planning Organisation (TCPO) in collaboration with Japan International Cooperation Agency (JICA), New Delhi, December 1, 2015.
- Attended Training Programme on turnitin – Anti-plagiarism software, organized by the CASS-SPA, New Delhi, 17 February 2016.
- Participated in the National Workshop on 'Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, 7 May 2016.
- Participated in Urban Seminar on 'Governance and Inclusion in Transforming Cities', organized by the ISS, HIS, NUFFIC-NESO India and School of Planning and Architecture, New Delhi, 11 May 2016.
- Participated in the 2nd Smart Cities India 2016 Expo, organized by the Exhibitions India Group New Delhi, 11-13 May 2016.
- Participated, as a Member of the Committee for Revision of NUIS Design Standards, in the National Meet on 'Formulation of GIS-based Master Plan for AMRUT Cities', organized by the TCPO, Ministry of Urban Development, Government of India, New Delhi, 13 May 2016.

Prof. Dr. Ashok Kumar

- Participated in the National Workshop on 'Land Pooling Methods for Urban Development', organized by the Town and Country Planning Organisation (TCPO) in collaboration with Japan International Cooperation Agency, New Delhi, 1 December 2015.
- Participated in the National Workshop on 'Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, 7 May 2016.
- Participated in Urban Seminar on 'Governance and Inclusion in Transforming Cities', organized by the ISS, HIS, NUFFIC-NESO India and School of Planning and Architecture, New Delhi, 11 May 2016.
- Participated in the 'Second Smart Cities Conference and Exhibition', organized by Exhibition India Group, New Delhi. Venue: Pragati Maidan, New Delhi. From 12 May 2016 to 13 May 2016

- Participated in the Global Conference on 'Prosperity, Equality and Sustainability: Perspectives and Policies for a Better World', organized by the Institute for Human Development, and the World Bank. Venue: India International Center, New Delhi. 1-3 June 2016.
- Participated in the workshop on 'Sharing of Singapore and International Best Practices in Water, Wastewater and Solid Waste Management', organized by NITI Aayog, New Delhi. 16-17 June 2016.

Dr. Mayank Mathur

- Participated in the National Summit on 100 Smart Cities in India organized by Bharat Exhibition, New Delhi, September 11, 2015
- Participated in Sixty Fourth National Town and Country Planner's Congress on 'Planning and Development of Peripheral Areas' held in Raipur, from 8th to 10th January 2016.
- Participated in National Workshop on 'Urban Flood Mitigation – Lessons Learnt and Roadmap for Future' organized by National Disaster Management Authority, at Ashoka Hotel, 12 to 13 February 2016
- Participated in the National Workshop on 'Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, 7 May 2016.
- Participated in Urban Seminar on 'Governance and Inclusion in Transforming Cities', organized by the ISS, HIS, NUFFIC-NESO India and School of Planning and Architecture, New Delhi, 11 May 2016.
- Participated in the 'Second Smart Cities Conference and Exhibition', organized by Exhibition India Group, New Delhi. Venue: Pragati Maidan, New Delhi. From 12 May 2016 to 13 May 2016

Ms. Priti Deo

- Attended "Student Council Student Programme" organized by GRIHA Council in Delhi, 24 July 2015.
- Attended "Colloquium on Air Quality Management" annual event organized by Indian Association for Air Pollution Control, Delhi Chapter, 1 October 2015.
- Attended a conference on "Exploring the role of Corporate Social Responsibility in delivering sustainable smart cities" organized by Amity School of Architecture and Planning, 7 January 2016
- Attended a workshop on "Urban Planning & Governance" under Urban Management Programme organized by NITI Aayog, Singapore Cooperation Enterprise and Temasek Foundation held in New Delhi, 27 – 29 April 2016.
- Attended a workshop on "Water, Wastewater and Solid Waste Management" under Urban Management Programme organized by NITI Aayog, Singapore Cooperation Enterprise and Temasek Foundation in New Delhi, 16 & 17 June 2016.

Ms. Papiya Bandyopadhyay Raut

- Attended National Conference on 'Delhi: From Seven Cities to Smart City State' organized by IIPA, New Delhi on 22 & 23 July, 2015 at the Conference Hall of IIPA, I.P. Estate, New Delhi.

- Attended Workshop on ‘Environmental Considerations in Town and Country Planning’ was conducted on 24 July, 2015 in the Conference Hall of ITPI, 4-A, Ring Road, I.P. Estate, New Delhi.
- Attended Work shop on “Transit Oriented Development- East Delhi Hub at Karkardooma” was conducted on 26th September, 2015 in the Conference Hall of ITPI, 4-A, Ring Road, I.P. Estate, New Delhi
- Attended the International Conference on “Risk and Resilience in Hill Areas”, in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- Attended in Sixty Fourth National Town and Country Planner’s Congress on ‘Planning and Development of Peripheral Areas’ held in Raipur, from 8 to 10 January 2016.
- Attended Training Programme on turitin – Anti-plagiarism software, organized by the CASS-SPA, New Delhi, 17 February 2016.
- Attended in the National Workshop on ‘Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, 7 May 2016.

Mr. Piyoosh Singh

- Attended National Conference on ‘Delhi: From Seven Cities to Smart City State’ organized by IIPA, New Delhi on 22 & 23 July, 2015 at the Conference Hall of IIPA, I.P. Estate, New Delhi.
- Attended Workshop on ‘Environmental Considerations in Town and Country Planning’ was conducted on 24 July, 2015 in the Conference Hall of ITPI, 4-A, Ring Road, I.P. Estate, New Delhi.
- Attended Work shop on “Transit Oriented Development- East Delhi Hub at Karkardooma” was conducted on 26 September, 2015 in the Conference Hall of ITPI, 4-A, Ring Road, I.P. Estate, New Delhi
- Attended the International Conference on “Risk and Resilience in Hill Areas”, in association with Norwegian University of Science and Technology (NTNU), Norway in New Delhi, 15 October 2015.
- Attended a conference on “Exploring the role of Corporate Social Responsibility in delivering sustainable smart cities” organized by Amity School of Architecture and Planning, 7 January 2016
- Attended Training Programme on turitin – Anti-plagiarism software, organized by the CASS-SPA, New Delhi, 17 February 2016.
- Attended in the National Workshop on ‘Networking between Town Planning Profession and Education, organized by the Institute of Town Planners, India (ITPI), New Delhi, 7 May 2016.

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

Dr. Rabidyuti Biswas

- Examiner for Post Graduate Dissertation of Central University of Technology, Free State, South Africa.

Dr. Poonam Prakash

- Nominated for “In-Residence Programme for Inspired Teachers” at Rashtrapati Bhawan, 23-29 April 2016.

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

Internal

1. Dr. Mandeep Singh, DOS
2. Dr. Rabidyuti Biswas, HOD (PP)
3. Prof. Dr. Mahavir
4. Prof. Dr. Ashok Kumar
5. Dr. Mayank Mathur
6. Dr. Poonam Prakash
7. Ms. Taru Jain
8. Ms. Priti Deo

External

1. Mr. K. K. Joadder, Chief Planner, TCPO, Government of India
2. Prof. Dr. Binayak Choudhury, SPA, Bhopal
3. Prof. Dr. M. Parida, IIT Roorkee
4. Prof. Dr. Shrawan Acharya, JNU, New Delhi
5. Ms. Sudheshna Mitra

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

Internal

1. Dr. Rabidyuti Biswas, HOD (PP)
2. Prof. Dr. P.S.N. Rao, Coordinator, Joint DRC
3. Prof. Dr. Mahavir
4. Prof. Dr. Ashok Kumar
5. Dr. Mayank Mathur
6. Dr. Poonam Prakash

External

1. Prof. Dr. Krishna Gowda, Mysuru
2. Prof. Dr. Balvinder Singh, Amritsar

24. Prominent visitors to the Department of studies

None

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

A joint book chapter by Dr. Suzanne Speakand Prof. Dr. Ashok Kumarhas been included in a book edited by Michael Gunder, Ali Madanipour, and Vanessa Watson. The book istitled ‘The Routledge Handbook of Planning Theory’ and will be published on 22 July 2017. An MOU has been signed between the School of Planning and Architecture, New Delhi, India, and University of Newcastle, U.K.

26. Details of ‘beyond syllabus scholarly activities’ of tshe department:

Prof. Dr. Mahavir edited two issues of the SPACE journal of SPA New Delhi.

Prof. Dr. Ashok Kumar edited four issues of the ITPI Journal of the Institute of Town Planners, India.

27. Any other information:

- Five Year Integrated M.Plan dual degree programme has been approved by the Executive Council of the School.
- Three students of the Department got prizes in Hindi competition of the School.
- Over all second runner up in NOSPLAN held in COE, Pune
- Current practices: First runnerup, on stage performance
- Cross fire: Third prize
- Grey matter: Second runnerup
- Art attack: Second runnerup
- Skit it: First runnerup
- Light, camera, action: First runnerup
- This year like any other year the alumni association also organized competition for selecting two students for one year scholarship from among the female students of Bachelor of Planning course. Two students received the Apoorva Rustagi Award for this academic year.



DEPARTMENT OF ARCHITECTURAL CONSERVATION

1. Name of the Department

Department of Architectural Conservation

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1986

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks if any
Prof. (Dr.) Priyaleen Singh	Ph.D. University of York M.L.Arch., M.A. Conservation Studies, University of York. Cert course conservation of Historic towns (College of Engineering, Tuscany, Florence), B.Arch.	Professor, Head of the Department	Urban conservation, Cultural landscapes, Historic gardens	32	
Prof. Nalini Thakur	M.A. Conservation Studies, University of York. ARC (ICCROM), B.Arch.	Professor	Holistic and Interdisciplinary Approach, Integrated Management Plans, Responsible Protection and Management	36	

Associate Prof. Anuradha Chaturvedi	M.A. Conservation Studies, University of York. B.Arch.,	Associate Professor	Heritage Management, Sustainable Development, Cultural Landscapes	31	
Assistant Prof. T. Lakshmi Priya	M.Arch Architectural Conservation, RRCH (ICCROM) B.Arch,	Assistant Professor	Conservation, Heritage 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 per Week
Prof.(Dr.) Priyaleen Singh	Ist Sem.	History and Theory of Conservation (TP-IA) (Theory	1
	Ist Sem.	Natural and Designed Landscapes as Heritage (HR-IA) Theory	1
	IIIrd Sem.	Cultural Landscapes and Regions (HR-IIIA) (Theory)	0.4
	IIIrd Sem.	Conservation Studio-(CS-III) Studio	8
	IInd Sem.	Historic Cities (TP-IIA) Theory	1
	IInd Sem.	Conservation Studio (CS-II) Studio Director(CS-II)	9
Prof. Nalini Thakur	Ist Sem.	Conservation Studio (CS-I) Studio	12
	IIIrd Sem.	New Paradigms (PB-III) Theory	2
	IIIrd Sem.	New Theories (TP-IIIB) Theory	0.6
	IVth Sem.	Theoretical Research Paper (CS-IV-B)	2
	IVth Sem.	Conservation Studio (CS-IV) Studio Studio Director	10
Associate Prof. Anuradha Chaturvedi	Ist Sem.	Inventories and Documentation Techniques (HR-IB) Theory	1
	IIIrd Sem.	National and International Heritage management Policies (CM-III)	2
	Ird Sem.	Cultural Landscapes and Regions (HR-IIIA)	0.4
	IIIrd Sem.	Conservation Studio (CS-III) Studio Studio Director	12
	IInd Sem.	Architectural History, Theory and Criticism (TP-IIA) Theory	2
	IInd. Sem.	Conservation Studio (CS-II) Studio	12

Assistant Prof. T. Lakshmi Priya	Ist Sem.	International Charters (TP-IA) Theory	1
	Ist Sem.	Conservation Studio(CS-I) Studio Studio Director	12
	IIIrd Sem.	UpGradation of buildings for Reuse (SF-IIIA) Theory	2
	IIIrd Sem.	New Theories (TP-IIIB) Theory	0.75
	IIIrd Sem.	Cultural Landscapes& Regions (HR-IIIA) Theory	0.25
	IInd Sem.	Conservation management-ITUC India (CM-II) Theory	2
	IVth Sem.	Conservation Management Seminar(CM-IV) Theory	2
	IVth Sem.	Conservation Studio (CS-IVA) Studio Studio 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
Priyaleen Singh	IInd Semester Landscape department	Studio	3 hours per week
Anuradha Chaturvedi	IVth Semester Department of Housing	Introduction to Historic Housing in Hill Areas	2 hours presentation
Nalini Thakur and Lakshmi Priya	First Semester July to December 2015 coordinated by UD	Across the Metropolis, on the purple line: each department contributed from their perspective. The focus was on Heritage and the city of Delhi.	28 hrs per semester

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
Mr. S. C. Malik	Ist Sem.	Foundation Course (PB-IA) Theory	1
Mr. Rahoul B. Singh	Ist. Sem.	Foundation Course (PB-IA) Theory	1
Mr. Amit Kumar Dongre	Ist Sem.	Visual Communication (PB-IB) Theory	1

Mr. B. M. Pande	Ist Sem.	Archaeology (TP-IC)Theory	2
Mr. Divya Gupta	Ist Sem.	Quality Management (CM-IB)Theroy	1
Ms. A. Vijaya	Ist Sem.	Management of Heritage Bldg and Sites (CM-IB) Theory	1
Ms. Sangeeta Bais	Ist. Sem.	Introduction to historic building Decay Process (SF-IA) Theory	1
Ms. Smita Singh	Ist. Sem.	Chemistry of Traditional Materials and Laboratory (SF-IB)	2
Mr. Rajesh Shukla	Ist. Sem.	Conservation Studio(CS-I)Studio	4
Ms. Nina Rao	Ist Sem	Conservation Studio(CS-I)Studio	4
Mr. Sanjay Bhardwaj	Ist. Sem.	Conservation Studio(CS-I)Studio	4
Ms. Shubhru Gupta	IIIrd Sem	New Paradigms (PB-III) Theory	2
Ms. Yaaminey Mubayi	IIIrd Sem.	Qualitative Surveys (HR-III B) Theory	1
Mr. Vikram Lall	IIIrd Sem	History and Theory (TP-IIIA) Theory	2
Ms. Nina Rao.	IIIrd Sem	New Theories (TP-IIIB) Theory	0.6
Ms. Shubha Banerji	IIIrd Sem	Museology (TP-III-C) Theory	2
Mr. Sukant Saha	IIIrd Sem	Conservation Studio(CS-III) Studio	4
Ms. Mallika Passi	IIIrd Sem	Conservation Studio(CS-III) Studio	8
Ms. Jayeta Sen	IIIrd Sem	Conservation Studio(CS-III) Studio	1
Ms. Jasmine Kaur	IIIrd Sem	Conservation Studio(CS-III) Studio	1
Mr. Sanjay Prakash	IIIrd Sem.	Conservation Studio(CS-III) Studio	1
Prof. M. Shaheer	III Sem.	Conservation Studio(CS-III) Studio	1
Ms. Somi Chatterjee	IInd Sem.	Architectural Knowledge Systems (PB-IIA) Theory	2
Ms. Sheela Bajaj	IInd Sem.	Writing and Oral Skills (PB-IIB) Theory	1
Ms. Shabana Khan	IInd Sem.	Quantitative Survey Techniques (HR-IIB) Theory	1
Ms. Sangeeta Bais	IInd Sem.	Traditional Materials (SF-IIA)Theory	1
Mr. R. S. Jamwal	IInd Sem.	Structural Conservation (SF-IIB)	2
Mr. Suneet Chopra	IInd Sem.	Anthropology and Sociology (TP-II B) Theory	2
Mr. Dependra Prashad	IInd Sem.	Environmental ecological planning Development Planning and Conservation (TP-IIC)Theory	1
Ms. Jasmine Kaur	IInd Sem.	Environmental ecological planning Development Planning and Conservation (TP-IIC)Theory	1
Ms. Shahena Khan	IInd Sem	Conservation Studio(CS-II) Studio	8

Ms. Rridhima Bajaj	IInd Sem.	Conservation Studio(CS-II) Studio	4
Mr. Divay Gupta	IVth Sem.	Special Elective Heritage Impact Assessment(TP-IVB)Theory	2
Ms. Sangeeta Bais	IVth Sem.	Theoretical Research Paper (CS-IV-B) Theory	2
Mr. Sanjay Bhardwaj	IVth Sem.	Conservation Thesis Studio (CS-IVA)Studio	8
Prof. R. C. Agrawal	IVth Sem.	Conservation Thesis Studio (CS-IVA)Studio	4
Ms. Somi Chatterjee	IVth Sem.	Conservation Thesis Studio (CS-IVA)Studio	4.5
Ms. Nina Rao	IVth Sem.	Conservation Thesis Studio (CS-IVA)Studio	4

(b) Details of Special Lectures undertaken in the department

Name of the Expert	Semester	Topic	Date
Aishwarya Uday Tipnis	Ist and IIIrd Sem.	Exploring cross disciplinary mechanisms for Urban Heritage Conservation , “DUTCH IN CHINSURAH PROJECT “	08/08/2015
Sameer Hakim Hamadani	Ist and IIIrd Sem	Reception of The Empire , Mughal Architecture in Kashmir	11/08/2015
Dr. Sridharan	Ist and IIIrd Sem	Tracing the Satavahanas Religion, Identity, Politics and the future State	15/09/2015
Dr. Jelka Pirkvic from Slovenia	Ist and IIIrd Sem	Climate Change	16/09/2015
Prof. Hans Christie Bjonness	Ist and IIIrd Sem	Showing slides of the Kathmandu Valley after the Earthquake	13/10/2015
Sylvie Dominique	Ist and IIIrd Sem	Arts and Culture of The Haveli (A series of lecture at Serendipity Delhi and Ispirito’s Colour me Autumn Arts and Design Festival)	20/10/2015
Ioannis Poullos	Ist and IIIrd Sem	Managing Living Heritage Sites (Greek Experience and International Developments	27/102015
Manosi Lahiri	Ist and IIIrd Sem	Historic Mapping India and Urbanization during the British Period	03/11/2015
Dr. Renu Khosla	IInd and IVth	Unthinking Inclusive Urban Development	14/01/2016
Dr. Flemming Aalund	IInd and IVth	Why Conserve heritage of Serampore	25/02/2015
Dr. Binoy Kumar Sahay	IInd and IVth	The Documentation of Artifacts at the National Museum , New Delhi with 2D and 3D Photography	03/03/2016
Ms. Veronica Leite (Brazilian)	IInd and IVth	Restoration of Loggia Salvador Holy House of Mercy	10/03/2016

Dr. Satish Pandey	IInd and IVth	Material Conservation , Mechanism of salt transport and crystallization implications to stone weathering	17/03/2016
Dr. Rupa Raje Gupta	IInd and IVth	The Courtyard Wada of Maharashtra	21/04/2016

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

- Co-partner International conference of ICLAFI (International Committee of Legal Administrative and Financial Issues) ICOMOS held in SPA, Bhopal 20-22 August 2015
- Joint second semester studio with Oxford Brookes University U.K. and Centre for Urban and Regional Excellence (CURE) on 'River front Mughal garden precincts of Agra: A community led heritage conservation approach' Jan-May 2016
- Joint Interdisciplinary Studio for the students of 1st Semester on 'Across the Metropolis: Potential of Historic Delhi, World Heritage City', along with the departments of Urban Design, Industrial Design and Landscape in July –December 2015

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

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
Ist Semester/ July -December 2015 Across the Metropolis: Potential of Historic Delhi, World Heritage City	The aim of the first semester Interdisciplinary Studio project is to introduce historic Delhi and explore the questions of the true nature and significance of her cultural heritage and resources which give its unique identity as a historic city of the world. This studio attempted to allow a symbiotic and supportive sustainable future for the natural and cultural facets of Delhi with contemporary design and new development.	Across the Metro line, also called Heritage Line, of historic Delhi was examined as a Joint interdisciplinary studio exercise which was conducted with the departments of Urban Design, Architectural Conservation, Landscape and Industrial Design.	All the departments worked together to understand the relationship of the metro line to the city of Delhi and came up with proposals and designs for the conservation of the heritage sites along the metro line for future of the city of Delhi

<p>IIInd semester River front Mughal garden precincts of Agra: A community led heritage conservation approach</p>	<p>This studio project, focused on the Mughal river front gardens of Agra, and the communities residing along the riverfront, aiming to explore a model of urban conservation which is both community led and community driven.</p>	<p>The city of Agra is synonymous with Mughal history and Mughal architecture, with the river edge known to have had over 42 gardens, now in a state of neglect. The studio project offered a unique opportunity to engage the communities with the heritage surrounding them, so as to improve the physical conditions in which the communities and the built heritage co-exist.</p>	<p>In mapping and addressing the issues pertaining to the neglected historic gardens along the river front it attempted to bring the river, the river edge and its associated natural and cultural ecologies back into the lives of the larger population of Agra.</p>
<p>III Semester- 'Strategies for Mainstreaming Heritage Management, Sustainable Conservation and Development of Historic Urban Landscapes into Area Level Retrofitting & Redevelopment Schemes under the Smart City & AMRUT Programmes – Case Study of Shillong, Meghalaya'.</p>	<p>Introduction of students to specific research methods and inter-disciplinary techniques for conservation and sustainable management of Cultural Landscapes.</p> <p>Preparation of a Cultural Landscape Report based on historic analysis and statement of significance.</p> <p>Cultural Heritage Information System</p> <p>Identification and delineation of an eco-sensitive zone.</p> <p>Strategy formulation and Heritage Management Plan preparation.</p>	<p>Site-based studio exercise on formulation of an integrated, Sustainable Cultural Resource Management Plan for the Cultural Landscape of Shillong, Meghalaya. Students undertook detailed primary surveys, identified significant heritage components of the Historic Urban Landscape of Shillong and formulated an integrated conservation plan for Shillong.</p>	<p>Shillong was defined as a multi-layered, distinctive historic urban landscape, linked with the historic 19th century hill station settlement typology, within the cultural landscape of the Khasi Hills of Meghalaya. Strategies were formulated for mainstreaming of the delineated historic centre under the Smart City programme. Area level proposals for significant sections of the historic area were formulated.</p>

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

Roll No.	Name of the Student	Thesis Topic
AC/698	Archana Sharma	Application of research for good and informed conservation work with reference to 16th century Pathan tombs at Sasaram, Bihar
AC/699	Belapurkar Ruchita Kishore	Conserving the heritage Core of Paithan, Maharashtra
AC/700	Borate Sneha Dattatray Sharada	Conservation Strategies for Historic Housing of Almora , Uttarakhand
AC/701	Gopika J.	Conservation of Koothambalams -the traditional Natyamandapas of Kerala
AC/702	Gyandeep Jaiswal	Conservation Strategy for Protection and Management of the Significant heritage resource of Chunargarh Fort , U.P.
AC/703	Jessin Kabir	Regeneration of Saliyatteruvu, Balaramapuram, Kerala
AC/704	Mallick Neha Nripendranath	Devising Conservation Strategies for The Revival of Benazir Palace, Bhopal , M.P.
AC/705	Neelima Yadav	Rediscovering the Architecture of the Historic Mosques of Jaunpur to inform effective conservation interventions ,U.P.
AC/706	Rakhi Mariam Johnson	Rediscovering the Historic Water Transportation of Travancore and its Connections to Quilon , Kerala
AC/707	Rishie John Kurien	Protecting and Conserving the Agraharas of the Historic Urban Centre of Palakkad, Kerala
AC/708	Rupa Mandal	Architectural Study of capital of Independent Bengal, Murshidabad 18th c, and its present day context
AC/709	Sashi M.	Resolving The Challenges faced by an Unprotected Monument, a 13 th Century Dravidian Temple- Pandiyanayagam, in present day context, Tamil Nadu
AC/710	Sreejith Unnikrishnan	Conserving Vernacular Architecture : A case of Nirmand Village, Himachal Pradesh
AC/711	Sudipta Roy	A systematic Approach towards Restoration of Terracotta Temples of Ambika Kalna West Bengal.

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
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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 undertaken by the Department:

Name of the Project	Name of Team Leader / Faculty	Thrust Area/Expected Outcomes	Total Grand/ Fee(Rs. in Lakhs)
Ministry of Human Resource Development – Design Innovation Centre	Anuradha Chaturvedi	Department DIC - improved conservation interventions in Shahjehanabad/ Development of an interactive heritage materials and systems app– supported by technical database for providing knowledge of timely and cost-effective conservation and retrofitting intervention options.	9.85 Lakhs for 2016-17 + 6.40 Lakhs for equipment

14. Details of the consultancy projects undertaken by the Department:

Name of the Project	Name of Team Leader / Faculty	Thrust Area/Expected Outcomes	Total Grand/ Fee(Rs. in Lakhs)
Mughal River front Gardens of Agra, World Monuments Fund	Priyaleen Singh	Historic Gardens Mehtab bagh and Itimad ud daula's tomb garden landscape study. Garden conservation plan	3.5 lakhs
State of Built Heritage in India (SOBHI) - INTACH	Anuradha Chaturvedi	Thematic Study of Historic Hill Stations/Chapter in Publication -State of Built Heritage in India Report	2
State of Built Heritage in India (SOBHI) - INTACH	Anuradha Chaturvedi	Heritage at Risk/Contributed elements in Lucknow, Amroha and Farrukhabad	-
UP State Department of Archaeology	Anuradha Chaturvedi	Heritage complex revitalization /Pre-Inception Proposal for Conservation of the Chattar Manzil Complex	-

Regeneration of three water bodies in Delhi Cantonment Client: DCB Delhi Cantonment Board	Nalini Thakur with Meenakshi Dhote, Aarti Grover and consultants.	Revival of Historic Water Bodies/ The project was visualized as interdisciplinary project with Environment planning, landscape, engineering and architecture disciplines working together. The challenge of NGT will be addressed.	80
Comprehensive Conservation Management Plan for National Archives of India (NAI), New Delhi Client : National Archives of India, Ministry of Culture	Nalini Thakur and Asst. Prof. T. Lakshmi Priya	Management and Protection of the NAI heritage building/ Prof. A Management Plan to guide all conservation and restoration works at NAI, New Delhi	Rs 26,46,000/-
Conservation of Hardayal Muncpal Public Library-Delhi Urban Heritage Foundation, DDA	-	COnservation and retrofilling of a public Building - Heritage Muncpal Library in Shahjahanabad	Pre-Inception Proposal stage

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

Prof. Nalini Thakur

India contribution in the volume “Time Frames – Policies for 20th century architectural Heritage “ edited by Ugo Carughi and Massimo Visione, published by multiple International group including UNESCO, September 2015.

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

Prof. Dr. Priyaleen Singh

- ‘Mohammad Shaheer: About the one who now rests under a tree: a tribute’, in Journal of Landscape architecture, No.46, 2015
- Book review ‘Learning from traditional building systems: The architectural heritage of Sri Lanka, measured drawings by the Anjalendran studio’ in Journal of Landscape architecture, No.46, 2015

Prof. Nalini Thakur

- “Prof CHS Jhabvala- A Tribute from a Student” in Landscape Journal No 43, 2015
- An Interview titled “A Hierarchy Talks “ published in Indian Arch ’16, as part of NASA India celebrations from January 2016.

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

(a) National Committees

Prof. Dr. Priyaleen Singh

- 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
- Member, DRC, Dept. of Arch Conservation, School of Planning and Architecture, New Delhi
- Member, Moderation Committee, Department of landscape Architecture, School of Planning and Architecture, New Delhi
- Member, Research Project Committee, School of Planning and Architecture, New Delhi
- Member, Advisory committee for Architectural Heritage Division, INTACH

Prof Nalini M Thakur

- 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.
- Member of Advisory Committee of IGNCA for Cultural informatics to develop training programs in skills related to culture
- Advisory Committee Member ITRHD
- ICOMOS National Scientific co-coordinator for the Theory and Philosophy Committee

Anuradha Chaturvedi

- Resource-person for 'Documentation for Cultural Resource Management' & 'Documentation for Conservation Intervention', Teachers Training Programme on 'Heritage Identification – Documentation – Conservation', NIASA-Pune, INTACH Heritage Academy & DIT, Dehra Dun, 6th and 7th July, 2015
- Member of Library Committee and sub-committee for verification of valuable, archival maps dating to mid-19th century in Planning Library, SPA Delhi collection.

T. Lakshmi Priya

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

(b) International Committee

Prof. Nalini Thakur

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

(c) Editorial boards

Prof. Dr. Priyaleen Singh

- Member, Editorial board, 'Architecture: Creative space' Chitkara University

- Member, Peer review board, THAAP journal, Lahore

Prof. Nalini Thakur

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

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

Prof. Dr. Priyaleen Singh

(a) **Exhibitions**

Organized an exhibition in Katra Wazir Khan, Agra as part of the ICHR-AHRC Grant on 'Community led Heritage regeneration in India'.

(b) **Seminars/Workshops**

Organized a workshop in Katra Wazir Khan, Agra as part of the ICHR-AHRC Grant on 'Community led Heritage regeneration in India'.

Prof. Nalini Thakur

Chandigarh Training Program – Conducted the workshop at CCA “ For evolving standards, with focus on condition mapping of capitol complex” on 22- 23 July 2015. with participation of alumni Vikas Dilawari and Sangita Bais at CCA Chandigarh.

Associate Professor Anuradha Chaturvedi

Workshop on 'Technical Innovation for Sustainable Built Heritage & Systems'. Resource-person: Dr Benny Kuriakose. 12th -14th Nov., 2015

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

Prof. Dr. Priyaleen Singh

1. Invited to give a talk on 'Indian landscape design: 1850-1950' at Pillnitz park, Dresden, Germany as part of celebration of works of German landscape designer Krumbiegel. June 2016
2. Gave lecture on 'Conservation of Historic gardens: The Indian context' as part of INTACH IIC research lecture series at IIC, New Delhi on 13 Oct 2015
3. Gave two lectures on 'Conservation of Natural Heritage' in the module on 'Urban Conservation and enabling environment' as part of Capacity Development programme in Built Heritage studies conducted by CSMVS and MMR Heritage conservation society, Mumbai, 1 March 2016.
4. Gave lecture on 'Landscape and Natural heritage management' in capacity building course on 'Heritage management' organized by INTACH Heritage Academy at INTACH, New Delhi. 31 March 2016.
5. Participated in the meeting organized by Director, Archaeology and Museums, Rajasthan on 'Integrated Tourism project: conservation of Lotus garden, Dholpur'. 18 Feb 2016.
6. Attended 'Evaluation meeting of Mughal Riverfront Gardens of Agra', organized by ASI and WMF in Agra, 16 Feb 2016
7. Attended International conference on 'Risk and Resilience in Hill areas' School of Planning and Architecture, New Delhi. 15 Oct 2015.

8. Chairperson for the Session on 'Conservation vs Urbanisation' Seminar series organized by Department of Architecture, School of Planning and Architecture, New Delhi. 3 Nov 2015.
9. Jury member for Landscape Foundation students design competition October 2015 on 'Water-Precious in design'.

Prof. Nalini Thakur

- Attended and Chaired the first technical session on 27th November 2015 in the International ICOMOS Theophil Committee Conference in Bangalore from 26-28 November 2015 with theme, 'Conserving Urban Living Heritage, theoretical considerations for continuity and change'.
- Presented on "Critical Role of new theory and traditional knowledge for responsible protection in the International ICOMOS Conference of ICLAFI (International Committee of Legal Administrative and Finance Issues at Bhopal on 19-23 August 2015.
- Participated and presented to the students on "The future of conservation in India" at Zonal Nasa at Srinivas School of Architecture, Mangalore on 24th October 2015.
- Presented on "From Humanities to the Trans disciplinary paradigm for teaching – the knowledge systems approach." At Niasa Training workshop at Pune, on teaching History of Architecture in March 14-16, 2016.
- Participated in the Book Discussion and Exhibition organized by the India International Centre on 12th June, 2015 at IIC as panel member for the book - "Architecture of the Buddhist World –The Golden Lands" by Vikram Lall
- Chaired a session on 7th Nov in session "Urban Landscape – the historic and cultural 4th skin of a community" an International workshop towards nomination "Concrete Actions" held between 5-7 November 2015.
- Jury panel for an International students competition on "Vernacular Architecture" on 10th December 2015 as part of the Conference on South Asian Vernacular Architecture held at Bhopal.
- Expert panel member for the Conference Vernacular Architecture Conference held at Bhopal supported by ITRHD, Museum of Man and SPA Bhopal from 10-15 December 2016. Culminated with the declaration of the Charter of South Asian Vernacular Architecture
- Participated as panel member at the book launch of Dr S. C. Maliks's three volumes on 'Holistic Approach to Indian Civilization Studies'. Made a short presentation on the way to take the ideas forward, held in India International Centre in Feb 2016.
- Participated in the Conference on "Smart Cities and India's Urban Imperatives" at India International Centre on 23rd July 2015.
- Participated in the 100th year birth centenary of Architect Achyut Kanvinde, in December 2015.

Anuradha Chaturvedi:

- Lecture on 'Architectural Conservation of Delhi' and heritage walk/site visit for 'Foundation Training Programme for Deputy Architects of CPWD', IIPA, Delhi, 14th September, 2015.
- Joint presentation with Departments of Urban Design & Urban Planning, SPA: 'Revitalization Strategy for Shahjehanabad' to Hon. PWD Minister, Delhi Government, Delhi Secretariat, June 21st, 2016.

- Member of Panel for Institute of Rail Transport Panel Discussion on 'Need for a holistic approach to modernization of railway stations in India', Rail Bhawan, 14th December, 2015
- Participated in Community Workshop at Agra under IInd Semester Urban Conservation Studio related ICHR research programme with Oxford Brookes University and CURE, Agra, 28th and 29th May, 2016
- Attended the International Conference on Buddhist Monasteries of South Asia and China, IIC, Delhi, 20th Nov-2nd Dec, 2015.
- Attended Webinar organized by ACCCRN (Asian Cities Climate Change Resilient Network) on 'City Resilience and Heat Island Effect', 30th March, 2016
- Attended Workshop on 'Networking between Town Planning Profession and Education', ITPI, 7th May, 2016.
- Attended International Conference and Exhibition on SMART Cities, Pragati Maidan, Delhi, May, 2016.
- Resource-person (Lecture-Presentation and Site-visit) for Teachers Training Programme on 'Heritage Identification – Documentation – Conservation', NIASA-Pune, INTACH Heritage Academy and DIT, Dehradun, 6th and 7th July, 2015.
- Resource-person (Lecture-Presentation and Site –visit/Walk) for Foundation Course for CPWD Deputy Architects on 'Heritage of New Delhi and Lutyens' Bungalow Zone', IIPA, 14th September 2015 Delhi.
- Prepared proposal for Capacity building of Employees of Municipal Corporation of Greater Mumbai, for 'Maintenance and Updating Records of Heritage Sites including valuation and rating procedures of heritage sites', for MCGM, March, 2016.

T. Lakshmi Priya,

1. Presented a paper on "Integrated approach for Protection and Management of Heritage Sites in the Indian Context" in the 9th International Convention of Asia Scholars (ICAS 9) at Adelaide, Australia organized by the University of Adelaide, Flinders University and the University of South Australia on 5th -9th July 2015. It was supported by the Asian Studies Association of Australia.
2. Participated in the International Conference of "International Committee of Legal, Administrative and Finance issues (ICLAFI), held in SPA, Bhopal from 19th – 23rd August 2015, represented SPA-D in the Valedictory session. The Conference was organized by SPA, Bhopal and supported by ICOMOS India SPA Delhi and Archaeological Survey of India.
3. Participated in the panel discussion in the International Committee for Documentation New Delhi (CIDOC 2015), India, on 9th September 2015, on "Archiving Contemporary India, New Challenges" organized by the National Museum Institute.
4. Participated in the 100th year birth centenary of Architect Achyut Kanvinde, in December 2015

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

Associate Professor Anuradha Chaturvedi attended Course on 'GIS Applications in Planning', CASS, SPA, 6th -17th June, 2016

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
Prof. (Dr.) Priyaleen Singh, Chairperson (HOD) Department of Architectural Conservation, SPA-D
Prof. Nalini Thakur Department of Architectural Conservation
Associate Prof. Anuradha Chaturvedi , Department of Architectural Conservation
Assistant Prof. T Lakshmi Priya, Department of Architectural Conservation
External Members
Prof. A. G. K. Menon, , INTACH Delhi Chapter
Prof. K. B. Jain Senior Architect
Prof. R. C. Agrawal Retired Director, ASI President Rock Art Society of India
Ar. Divay Gupta Architectural Heritage Division INTACH

23. Internal and external members of the Departmental Research Committee

Internal Members
Prof. (Dr.) Priyaleen Singh, Head of Department (Architectural Conservation)
Prof. Dr. P.S. N. Rao Registrar, SPA-D Coordinator Ph. D. Programmes
Prof. Nalini Thakur Department of Architectural Conservation
External Members
Dr. Partho Datta
Prof. R. C. Agrawal Retired Director, ASI President Rock Art Society of India

24. Prominent visitors to the department of studies:

None

25. Details of activities under various MOUs during the reporting year (if any)

None

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

Dr. Prof. Priyaleen Singh

Conducted heritage walk for ISOLA in Red Fort, Jan 2016

Prof. Nalini Thakur

World Heritage Day 18th April 2016 celebrated at Jamia Millia with alumni Sangita Bais and made a presentation on heritage from 'Rediscovery to Responsibility'. An exhibition of architectural documentation was organized where many colleges displayed their documentation works. Conducted a walk in Lodhi gardens with Prof Aktar, Prof Ranjeeta Dutta (historian) , Sangita, Prof Alam, and young Delhites.

Associate Professor Anuradha Chaturvedi:

Heritage Walk / Site Visit of NDMC area for CPWD Deputy Architects on 14th September 2015.

Workshop on Qigong at the India Habitat Centre, 25th -28th June, 2016

27. Any other information

Prof. Dr. Priyaleen Singh

- Evaluation of progress report 'Approach to Conservation and Restoration: Specific focus on cultural heritage of Himachal Pradesh' for Institute of Advanced Study, Rashtrapati Niwas, Shimla.
- Peer reviewed three articles for Thaap Journal, Lahore, Pakistan.

Prof. Nalini Thakur

- Jury Member for Architectural Conservation Department, School of Planning and Architecture Bhopal
- External examiner for viva voce examination for 1st semester Master's of Conservation in December, 2015 at SPA Bhopal
- External Examiner to conduct thesis viva for Masters in Architectural Conservation at SPA, Bhopal in May 2016
- Jury Member at CEPT University Ahmedabad for M.Arch students with specialization in Conservation on 17 May 2016
- As mentor to advise and help the new and growing Department of Architecture , NIT Patna
- Organized the First Cyrus Jhabvala Lecture "The Essence of Tradition in Modern Architecture" presented by alumna Raj Rewal. This was accompanied by an exhibition of selected works of the office Anand, Apte and Jhabvala curated by alumna I M Chisti at IIC on 20th February 2016. SPA has initiated a new tradition with this program.
- Was a panel member for Declaration of Charter for South Asian Vernacular Architecture.

Associate Professor Anuradha Chaturvedi

- Conducted Research on Urban trees and plants suitable for reduction of pollution and bio-remediation for NOIDA Floriculture Society and on Composting & Water Harvesting as advisor for RWA Sector 17 NOIDA.
- Conducted the course for 'Urban Conservation and Heritage Management' module, of Dual Certification course of ITPI and delivered Lectures on 'Urban Conservation and Heritage Management' in July 2015.

Asst. Prof. T. Lakshmi Priya

- External evaluator for the 1st Semester students of Master of Architectural Conservation students of SPA, Bhopal for the subject "Research Approaches and Social Sciences" in December 2015
- External evaluator for the 1st Semester students of Master of Architectural Conservation students of SPA, Bhopal for the subject "Traditional Knowledge System" in December 2015
- External evaluator for the IIIrd Semester students of Master of Architectural Conservation of SPA, Bhopal for the subject "Heritage Impact Assessment" in May 2016
- External evaluator for the IIIrd Semester students of Master of Architectural Conservation of SPA, Bhopal for the subject "Cultural Landscape" in May 2016
- External evaluator for "Urban Issues III –Elective" the IIIrd year Architecture Students work at the University School of Architecture and Planning, Indraprastha University on 22nd May 2016.

DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT

1. Name of the Department

Department of Building Engineering and Management

2. Names of academic programs offered by the Department

- Masters of Building Engineering and Management (MBEM)
- Ph.D.

3. Year of establishment of the Department

1979

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience
Prof. (Dr.) Virendra Kumar Paul	B. Arch, M.B.E.M., Ph.D.	Professor	Quality Management; Building Science; Fire Safety	27
Mr. Salman Khursheed	B. Tech. (Civil) Master in Building Science and Construction Management	Assistant Professor	Construction Processes, Structural Designing & Project Management	17
Mr. Abhijit Rastogi	B. Arch. M. B.E.M.	Assistant Professor	Project Management Building Simulation	05
Ms. Chaitali Basu	B. Arch. M. B.E.M. M.Sc Business Management (UK)	Assistant Professor	Project Management Functional Performance of Buildings Research Methodology	07

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	Building Services (BEM-3)	2
		Project Management – I (BEM-5)	3
		Functional Performance of Buildings (BEM-2)	3
	III	Project Seminar – II	6
	II	Project Seminar – I (BEM-14)	3
	IV	Thesis (BEM-25)	6
		Quality Management System (BEM-22)	3
Professional Practice (BEM-23)		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			

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. Ashok Kumar Mittal	I	Construction Technology (BEM-1)	3
	II	Structure System Design Process (BEM-9)	3
Mr. Abhishek	I	Functional Performance of Buildings (BEM-2)	3
Mr. Ashok Kumar Tripathi	III	Project Management – III (BEM-17)	4
Mr. Ashok Kumar Sarin	II	Project Management – II (BEM-13)	4
Mrs. Aparna Ash Kanojia	I	Information Technology in Construction (BEM-4)	3
	II	Information Technology in Construction II (BEM-II)	2
Mr. Avinash Kumar Tandon	II	Project Management –II (BEM-13)	4
	IV	Quality Management System (BEM-22)	3
		Thesis (BEM-25)	3
Dr. Gireesh Kumar Tripathi	III	Project Finance Management (BEM-19)	3
	IV	Financial Management (BEM-24)	2
Mr. Jagdish Chander Wason	I	Construction Technology (BEM-1)	3
	II	Structure System Design Process (BEM-9)	3

Mr. Jag Mohan Lal	II	Project Management – II(BEM-13)	6
	III	Project Management – III(BEM-17)	5
		Laws and Regulation in Construction Industry (BEM-18)	1
Mr. K. P. Abraham	I	Construction Technology (BEM-1)	1
		Functional Performance of Buildings (BEM-2)	2
Mr. Krishna Kant	II	Project Management – II(BEM-13)	5
	III	Project Management – III (BEM-17)	5
Prof.(Dr.) Kuldip Chander	II	Project Seminar – I (BEM-14)	6
	III	Real Estate Management (BEM-16)	2
		Project Seminar – II (BEM-20)	6
IV	Thesis (BEM-25)	6	
Mr. Manish Jain	I	Building Services (BEM-3)	2
	II	Project Seminar – I (BEM-14)	3
	III	Real Estate Management (BEM-16)	2
		Project Seminar – II (BEM-20)	6
IV	Thesis (BEM-25)	6	
Mr. Manoj Kumar Mittal	I	Project Management – I (BEM-5)	2
	II	Project Management – II (BEM-13)	4
	III	Project Management - III (BEM-17)	2
	IV	Professional Practice (BEM-23)	2
Dr. Marisha Sharma	IV	Electives Environmental (BEM-24)	2
Mrs. Neelakshi Srivastava	I	Information Technology in Construction (BEM-5)	3
	II	Information Technology in Construction – II (BEM-11)	4
Mr. Pallav Aggarwal	III	Real Estate Management (BEM-16)	3
Dr. Prem C. Jain	I	Building Services (BEM-3)	1
Ms. Preriti Juuneja	III	Human Resource Management (BEM-15)	4
		Project Management (BEM-17)	2
Dr. Pawan Kumar Taneja	I	Quantitative Techniques (BEM-6)	2
		Bridge Course and Research Methodology (BEM-7)	2
	II	System Analysis and Operations Research (BEM-8)	2
Mr. Rama Pishorody	I	Project Management – I (BEM-5)	2
	II	Project Management – II (BEM-13)	4
	IV	Professional Practice (BEM-23)	2

Mrs. Richa Gupta	I	Information Technology in Construction (BEM-5)	2
	II	Information Technology in Construction – II (BEM-11)	2
Mr. Sandeep Goel	I	Building Services (BEM-3)	3
	II	Building and Infrastructure Services (BEM-12)	3
Mrs. Shruti Goel	I	Building Services (BEM-3)	3
	II	Building and Infrastructure Services (BEM-12)	3
Mr. Salman Khursheed	I	Construction Technology (BEM-1)	3
		Project Management – I (BEM-5)	2
	II	New Building Materials and Specifications (BEM-10)	2
	IV	Thesis (BEM-25)	6
Mr. Vas Dev Dewan	II	Project Seminar – I (BEM-14)	3
	III	Laws and Regulation in Construction Industry (BEM-18)	1
		Project Seminar – II (BEM-20)	6
	IV	Professional Practice (BEM-23)	2
		Thesis (BEM-25)	3
Mr. Vaibhav Jain	III	Real Estate Management (BEM-16)	2
Mr. Yogesh Tyagi	II	Project Seminar – I (BEM-14)	3
	III	Real Estate Management (BEM-16)	2
		Project Finance Management (BEM-19)	2
		Project Seminar – II (BEM-20)	6
	IV	Quality Management System (BEM-22)	2
Prof.(Dr.) V. Thiruvengadam	II	Project Seminar – I (BEM-14)	6
	III	Project Finance Management (BEM-19)	3
		Project Seminar – II (BEM-20)	6
	IV	Thesis (BEM-25)	6

(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, 2016
Dr. Mahua Mukherjee	II and IV	Urban Climate and Next – Generation Urbanization	09 th March, 2016
Ms. Sudeshna Mukhopadhyay	I and III	Light and Lighting	September, 2015

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

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
Project Management-I	Planning of time scheduling of the case study projects		Time management processes demonstrated
Construction Technology	Study of construction technologies adopted in the case study projects		Critical analysis of technologies carried out and their selection validated
Project Management-III	Study procurement management processes for case study projects		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/601	Abhiram C.	Time and Cost Forecasting of Building Projects Incorporating Risk
BEM/602	Abinaya S.	Formwork Technology of Tall Buildings
BEM/603	Akhil Kumar	Property Development Model for Agrarian Economy of Hills
BEM/604	Amit Moza	Methodology for Establishing Key Factors Contributing to Project Complexity
BEM/605	Ananya Anand	Decision Model for Commercial Real Estate Investment
BEM/606	Anwasha Samanta	Project restructuring approach for financially distressed project
BEM/607	Avaneesh Kumar	Optimisation of Deep Excavation Equipment and its Cost Analysis.
BEM/608	Bhatikar Sama Rajesh	Strategies for financial viability of housing projects
BEM/609	Daniel Pavanan M.	Optimising performance and feasibility of HVAC system through MILP and Revit API
BEM/610	Gaurab Govinda	Framework Development for Designing Smart Water Supply System for a City
BEM/611	Gaurav	Study of Sewage Treatment Plant and to provide a Framework to Evaluate Existing Technologies

BEM/612	Girish Kumar Singh	Framework For FDI Investment in Residential Sector
BEM/613	Gopikrishnan S	Glass fibre reinforced gypsum panel based building system in affordable housing in India
BEM/614	Jagada Dhanraj B.	Cost Benefit Analysis of Buildings for Different Green Certifications
BEM/616	Kanika Sachdeva	Risk based Procurement Structure for Emerging Transit Nodes in India- Case of Intermodal Airport structure
BEM/617	Mohd. Raghib	Seismic Design and Cost Analysis of Pile Foundation for Shear Wall Building (12-20) Stories
BEM/619	Pallav Paban Baruah	Risk identification and mitigation in design build project delivery
BEM/620	Piyush Satyarthi	Study of design changes in planning, design and execution stages of an Airport
BEM/621	Pratiksha Singh	Feasibility analysis of logistic parks in India.
BEM/622	Raspreet Singh	Virtual Design & Construction (VDC) for Road Infrastructure Projects in Urban Redevelopment Scenario
BEM/623	Riyazat Ali	Cost Model for Occupational Health and Safety Risk Mitigation
BEM/624	Rohit Vilas Morghade	Comparison of project risk between Design Build and Design Bid Build projects.
BEM/626	Saikat Kumar Sahu	Methodology to develop construction phase sustainability index
BEM/628	Sanidhya K. Pal	Financial Risk Assessment in PPP Healthcare Projects
BEM/629	Tirtharaj Bose	Evaluating the impact of fire detection and suppression system on egress time
BEM/630	Varun Seth	Six Sigma for quality management of affordable housing in India

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	Study of Cost Overruns in Hydro Power Projects for developing model for Realistic Cost Prediction	Prof.(Dr.) Virendra Kr. Paul	

2013-14	Mr. Sanjay Pant	Development of Approach For Rationalized and Comprehensive Building Regulatory Process in Urban Centres in India for Ensuring Structural Safety of Building	Prof.(Dr.) Virendra Kr. Paul	
2014-15	Ms. Chaitali Basu	Building Energy Performance Evaluation Of Residential Complex For Improving Energy Efficiency/Identifying Performance Gaps	Prof.(Dr.) Virendra Kr. Paul	

12. Research thrust areas of the Department:

- Fire safety
- Project Management
- Building Science

13. Completed/ongoing research projects in the Department (during this year):

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/ Fee (Rs. In Lakhs)
Design Innovation Centre funding program of MHRD	Prof.(Dr.) Virendra Kumar Paul	<ul style="list-style-type: none"> • “Fire Safety Audit Tool” • “Fire Life Safety Egress Tool” 	Appox. 5 Lacs.

14. Details of consultancy projects undertaken by Department

Nil

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

Prof. (Dr.) Virendra Kumar Paul

- a. Paul, V.K., Seth Varun (2016) “**Benchmarking and Technologies for housing in India**” Published in BMTPC Publication
- b. Amit Moza; Paul V.K. (2016) **Review of Effectiveness of Arbitration**, Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, ASCE.

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

Paul, V.K., Basu, C. (2016) Scenario Planning and Risk Failure Mode Effect and Analysis (RFMEA) based Management, Journal of Construction Engineering and Project Management.

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
- 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
- Member, Consultancy Evaluation Committee, constituted by Ministry of Health and Family Welfare, Government of India, for selection of Consultants for 3- AIIMS projects (2016)
- Chairman, Committee constituted by the Government of NCT Delhi to review statutory requirements of Door Width for Hospital Buildings (2016).
- Member selection of Consultant for National Institute of Mountaineering and Allied Sports at Dirang (Arunachal), for Ministry of Defence (2016).
- Member of AICTE and UGC Committee for inspection of Manipal University, Jaipur (2016).
- Member of AICTE and UGC Committee for inspection of B. L. Munjal University, Haryana.

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

a) Exhibitions: Nil

b) Seminars/Workshops:

- Organized Workshop on “Security and Safety in Built Environment”, April 2016 at SPA, Delhi.
- One day Workshop on “ Green Concrete and Green Cement” by J.K. Cement on November, 2015
- Organized and conducted training program Light and Lighting: Foundation Level Course on Lighting in collaboration with Philips Lighting Academy` during:

- 24-26 August 2015
- 16-18 December 2015
- 15-17 June 2016

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

Nil

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:

Prof. (Dr.) Virendra K. Paul: Honorary Fellow, Institution of Fire Engineers, India

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

Internal Members:

- Prof. (Dr.) Virendra K. Paul, Prof. and Head, Department of Building Engineering and Management, SPA, New Delhi

External Members:

- Dr. Mahua Mukherjee, Associate Professor, Department of Architecture and Planning, IIT, Roorkey.
- Dr. V. Thiruvengadam, Former Head, Dept. of BEM
- Prof. K. C. Iyer, Professor of Department of Civil Engineering (Construction Management) IIT, New Delhi.
- Sh. A. R. Ramanathan, 51, Nilgiri Apartments, Alaknanda, New Delhi-110019
- 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:

- Prof. (Dr.) Virendra K. Paul Prof. and Head, BEM SPA, New Delhi

External Members:

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

24. Prominent visitors to the Department of studies:

Nil

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

- MOU signed with Phillips
- Institution of Fire Engineers India

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

Nil

27. Any other information:

Nil

Any Other:

i. Special Lectures Delivered:

- a. As a part of the Faculty for Capacity Building Program of BMTPC, delivered lectures on "Emerging Technologies for Housing and Good Practices" at:
 - Vadodara on 29 July 2015
 - Jaipur on 8 October 2015
 - Bhubaneshwar, 18 December 2015
- b. Delivers a lecture "Emerging Construction Technologies: Planning, Design and Practices for Real Estate" on the Engineers Day at a Seminar organized by Institution of Civil Engineers on 15th September, 2015.
- c. Invited to deliver a talk in Research Summit, entitled "Readying for Smarting the Built Environment: Research on Integration and Metrics" at NIT, Kurukshetra on 22nd September 2015.
- d. Invited to deliver a lecture on "Optimization and Good Practices for Construction Technologies", Jaipur on 8th May 2016
- e. Delivered special lecture on "Planning Technology and Project Management" to the engineers of Madhya Pradesh on behalf of HSMI on 31st August 2016 in New Delhi.

ii. Patents Filed as Innovator:

- a. Squatting Water Closet
- b. Passive Radiation and Flame Protection System for Building Compartment and Façade

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
- Honorary Fellow, Institution of Fire Engineers, India

DEPARTMENT OF ENVIRONMENTAL PLANNING

1. **Name of the Department**

Department of Environmental Planning

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

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

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

1990

4. **Faculty profile:**

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience
Dr. Meenakshi Dhote	B. Arch , M.L.A, Ph.D.	Professor of Environmental Planning	Urban Biodiversity, Eco-Sensitive areas, Environmental Information system	31
Dr. Neha Goel Tripathi	B. Arch. M. Plan (EP) , Ph.D.	Assistant Professor of Environmental Planning	Low carbon cities, Climate Change, Environmental Management	14

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. Meenakshi Dhote		Subject Class	
	II Sem.	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
		Environmental Impact Assessment	1
	III Sem.	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 per 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 per week
Prof A.K. Maitra, Former Director, SPA-D Visiting Professor	I,II,III and IV	Theory- Housing and Environment Theory of Environmental Design Advanced EIA Techniques EP Studio Seminar on Emerging Environmental Issues EP Thesis	12
Sh. B. K. Jain Former Additional Commissioner Planning, DDA	IV Sem.	EP Thesis	3
Sh. Bharat Bhushan Former Director Ministry of Environment and Forests	II and IV Sem.	EP Studio EP Thesis Seminar on Emerging Environmental Issues	9
Ms. Anita Tikoo	II, III and IV Sem.	Theory of Environmental Design EP Studio EP Thesis Seminar on Emerging Environmental Issues	9
Dr. Prabh Bedi	II and IV	EP Design Thesis GIS Lab	6
	III	Environmental Planning and design Studio GIS Lab	6
Sh. R P Bansal	III Sem.	Planning Legislation	3
Dr. T.R. Manoharan	III Sem.	Environmental Economics and Environmental Auditing	3
Sh. Ishwar Singh	III Sem.	Environmental Legislation	3
Dr. Faiyaz Khudsar		EP Thesis	3
Sh. Subir Paul	IV Sem.	EP Thesis Seminar on Emerging Environmental Issues	3

Sh. H.B. Singh	IV Sem.	EP Thesis	3
Dr. Suresh Rohilla	IV Sem.	EP Thesis	3
Sh. M.L. Chotani	IV Sem.	EP Thesis	3
Dr. S.C. Roy	IV Sem.	Financing and Management of Environmental Projects	3
Prof. Dr. S.K. Saha	IV Sem.	EP Thesis	3
Central Pollution Control Board PariveshBhawan, Delhi	II Sem.	Environmental Monitoring and Assessment (Theory) Environmental Monitoring and Assessment (Laboratory)	3 3

(b) Details of Special Lectures undertaken in the department

	Name	Title
1.	Dr. Shabana Khan	Disaster Management
2.	Dr. A K Gupta	Disaster Management with focus on ecosystem impacts
3.	Dr. Mukesh Khare	Air pollution in Urban Areas – Regional aspects
4.	Dr. Prashant Ghargava	Air pollution in Urban Areas – pollution dispersion
5.	Dr. D Saha	Air pollution in Urban Areas – CPCBs efforts
6.	Dr. Malti Goel	Air pollution in Urban Areas – assessment of pollution due to activities
7.	Dr. Anil Kumar	Air pollution in Urban Areas – IIT Kanpur study

8. Department's 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)

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

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
EP Design Studio (IIIrd Semester)	-To reduce the loss of life, property and natural resources in the event of disaster by resilient planning -To promote livelihood options in the district in a sustainable manner	The study focused on the Environmental; Management Plan for Nainital District with focus on Risk Assessment and Mitigation.	Environmental Management Plan for Nainital, Uttrakhand with proposals at Policies, Plan, and Project level with Risk mitigation strategies and conservation models for natural resources.

EP Design Studio (IInd Semester)	-To prepare a baseline air quality in Delhi -To correlate pattern of development and air quality levels -To formulate planning strategies for improving air quality in Delhi	The studio exercise focused on preparation of Air Quality Improvement Plan for Delhi, where the quality of air has deteriorated considerably due to various activities over time.	Air Quality Improvement Plan for Delhi with contributory share of each land use to air pollution and Identification of critical zones based on ventilation condition, wind speed, pollution levels and urban heat island and formulation of airshed for Delhi.
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10. Details of the thesis topics researched by the students of the final year class:

Roll No.	Student	Thesis Topics/ Areas
SPA/NS/EP/288	Mohammad Aamir	Integrated solid waste management, Lucknow, Uttar Pradesh
SPA/NS/EP/290	Dunna P. Kumar	Role of Ground water in Urban development ; Ghaziabad, Uttar Pradesh
SPA/NS/EP/297	Ankita Mandal	Implication of industrial development on Coastal Environment of Hazira, Surat
SPA/NS/EP/298	Deepali Singhal	Potential of Urban Agriculture in Delhi
SPA/NS/EP/299	Kabita Biswas	Integration of Urban Greenways into Spatial Planning Case study: Guwahati
SPA/NS/EP/300	Kanchan Tanya	Balancing the Economic benefits of dams with Environmental and Social Impact- Case Study Durgawati Dam Bihar.
SPA/NS/EP/301	Rachcha Darshana Vyankatesh Dattaprabha	Urban Biodiversity Conservation to achieve Sustainable Development in Greater Mumbai
SPA/NS/EP/302	Riddhima singh Thakur	Planning for Green Cultural Event –Kullu Dusshera, Himachal Pradesh
SPA/NS/EP/303	Ruchi Singla	Waste to Energy as a ‘Smart Solution’ for Amritsar City
SPA/NS/EP/304	Sachin Kumar	Environmental imperatives for City Sanitation Plan- Meerut
SPA/NS/EP/305	Shailendra Kumar	Strategies to enhance Ecosystem services, case study - Asola Wildlife Sanctuary, Delhi
SPA/NS/EP/306	Shebin Jawahar	Environmental Flow Restoration of Nila River, Kerala through spatial planning
SPA/NS/EP/307	Siddhant Sharma	Planning strategies for Rejuvenation of Urban Lakes - case of Raipur
SPA/NS/EP/308	Sumeet Kumar	Guidelines for Industrial township- case study IMT, Rohtak

SPA/NS/EP/309	Thungdemo R. Humtsoe	Smart and Efficient Land/Resource Management for Kohima, Nagaland
SPA/NS/EP/310	Wagh Sachin Laxman	Integrating of Solar Energy into Proposed Smart City Nasik city

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
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
2013-14	Ms. Mahalaxmi Karnad	Ecological Planning for Urban Storm water management	Prof. Dr. Meenakshi Dhote
2013-14	MS. Piyali Bandhopadhyay	“Developing an Interface between Environmental Information System (ENVIS) and National Urban Information System (NUIS) for Climate Change and City Planning”	Prof. Dr. Mahavir Dr. Vandana Sharma
2016-17	Ms. Jayeeta Sen	Instruments for mainstreaming Biodiversity into urban planning	Prof. Dr. Meenakshi Dhote

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, Environmental Information Systems

13. Completed/on going research projects in the Department

a) National b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of Faculty	Name of the Project	Funding Agency	Grant/Fees Received Rs. in Lakhs
Prof. Dr. Meenakshi Dhote	Zonal Master Plan for Mount Abu Eco-Sensitive Zone	Town Planning Department, Govt. of Rajasthan	Rs. 17,00,000 (Ongoing)
	Strategies for sustainable development of Andaman and Nicobar Islands	Government of Andaman and Nicobar islands	Rs. 75,000
	Rejuvenation of water Bodies in Delhi Cantonment	Delhi Cantonment Board	Ongoing

14. Details of the consultancy projects undertaken by the Department;

Name of the project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. in Lakhs)
ENVIS Centre on Human Settlements	Human Settlements, Environmental Information system	<ul style="list-style-type: none"> • Website on Environmental Information of Human Settlements • Updation of Environmental Information on Human Settlements – Documentation of smart cities, preparation of monographs, newsletters, kids games on sustainable settlements 	Ongoing Rs. 13,54,000 annually
Centre for Climate change	Climate change, Human settlements, climate responsive planning, low carbon cities	<ul style="list-style-type: none"> • Dedicated research in this area to strengthen the requisite knowledge base • Mainstreaming climate responsive approach in planning and design of Human Settlements. 	

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

Prof. Dr. Meenakshi Dhote

- Srivastava, Gouri and Dhote, Meenakshi: **Journey of women's participation in the field of science and technology.** SOCIAL WELFARE (NEW DELHI), Vol.62(No.4), 2015(Jul, 2015), P.30-34.
- Dhote, Meenakshi; Lata, Kusum; Singh, Gargi, School of Planning and Architecture, Delhi; India **Rejuvenation of the Productive Area in the City: E4 Subzone of Delhi** .Proceedings of the 51st ISOCARP Congress Rotterdam, Netherlands, 19-23 October 2015 Cities Save the World. Let's Reinvent Planning. Editor: Judith Ryser ©ISOCARP 2015 .

Dr. Neha Goel Tripathi

- Tripathi, N. (2015). **Urban Planning Strategies for Controlling Air Pollution in Delhi.** Indian Journal of Air Pollution Control, Vol.XV, No.1 March 2015 (ISSN 0250-5231), pp 67-76.
- Singh, P. ,Tripathi, N. and Mahavir (2016). **Mainstreaming low carbon strategies in master planning process; case study Delhi Transport sector.** SPACE, Vol 19. No. 1-2 (ISSN 0970-0706), pp 50-64.

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

Dr. Meenakshi Dhote

Editor, Quarterly Newsletter of ENVIS Center on Human Settlements , ISSN 0974-1135

- July 2015 –September 2015, **Slums**, Vol. IV (3)
- October 2015 – December 2015, **Smart cities**, Vo. IV (4)
- January 2016 –March 2016, **Urban Floods**, Vol. V (1)
- April 2016 – June 2016 ; **Air Pollution**, Vol.V(2)

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

Prof. Dr. Meenakshi Dhote

- Member, Study group on Sustainable Development of Andaman and Nicobar Islands
- Member, State Environmental Assessment Committee, Govt. of NCT of Delhi
- Member, NGT Committee on Development of Shimla, Himachal Pradesh.
- Member, Sub-Committee on Sustainable Habitat Parameters for Urban Planning under National Mission on Climate Change, TCPO, New Delhi.
- Member, Working Group II-B of UTTIPEC, DDA, I.P. Estate, New Delhi on retrofitting of existing corridors.
- Expert Member on the BoS of Ph.D. Programme at SPA Bhopal.
- Registered with the Council of Architecture, New Delhi

Dr. Neha Goel Tripathi

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

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

1. **The Department of Environmental Planning celebrated its Silver Jubilee Function on 28 November 2015.**

The occasion was graced by more than 100 alumni, students, visiting faculty. The event included a cultural programme , followed by felicitation of former Heads of the Department,



exhibition of students work and a film by the alumni “ **Down Memory Lane**” and an interactive session between the alumni and students.

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

Attended

Prof. Dr. Meenakshi Dhote

- One day workshop on Erasmus+, Jean Monnet and Marie Sklodowska - Curie Actions (MSCA's) with focus on the international aspects of the programmes, focusing on funding opportunities for India-Europe mobility and cooperation. 26th October 2015
- SANGATH - Celebrating 40 years of DUAC, Seminar, 6th Nov. 2015 ,India Habitat Centre, Lodhi Road, New Delhi
- First Quarterly Brain storming session of ENVIS Centres based in Delhi, Indira Paryavaran Bhawan, MoEF and CC, 12th Jan 2016
- Stakeholder Consultation on Biodiversity Finance Initiative, BIOFIN project, MoEFCC, 15th January, 2016.
- National Evaluation Workshop for ENVIS Centres , 17th-20th February, 2016 at Delhi.
- Roundtable on Climate Change and Disaster Risk Reduction in Urban Planning Curricula , UNDP , 24 February 2016 .
- Workshop on 'Excreta Management ' , CSE, 4 April 2016 , India Habitat Centre, New Delhi
- Presentation by delegation of School of Built Environment from Curtin University, Western Australia ,Australian High Commission, May 11, 2016
- Eco Tourism and Eco Resorts : An ISOLA Delhi Chapter Event on July 23rd , 2016

Dr. Neha Goel Tripathi

- Workshop on Delhi Air Pollution Status, Major sources, Impacts and Management Strategies March 10,2016 IIC, New Delhi

Attended and presented paper

Prof. Dr. Meenakshi Dhote

- Lead Speaker in the Technical Session I: **De-polluting Indian cities-Role of Planners and Policies ;National Conference on De-polluting Indian Cities: 18-19 September, 2015 , IDC, New Delhi**
- **'Sustainable Development of Eco-Sensitive Zone'** , presented paper at two day workshop on **"Measuring Urban Sustainability"** to be held on 9th and 10thOctober 2015, organized by Department of Architecture & Planning, VNIT, Nagpur
- **Zonal Master Plan for Mount Abu**; presented paper at **International Conference on 'Risk and Resilience in Hill Areas'** , SPA, 15th October 2015
- **51 st ISOCARP Congress**, presented paper in the session **"How to rework the productive city?"** at Antwerp at 19 October, 2015 .
- **National Environmental Policy and Implementation of SDGs**, presented paper at **Workshop on Implementaion of SDG** on World environment Day, 7th June 2016, CCRI, New Delhi

Dr. Neha Goel Tripathi

- **'Climate change an urgent agenda'** special lecture for Bachelor of Planning , Department of Physical Planning students PA, New Delhi, April 22 ,2016
- **'Environmental Challenges of Delhi'** orientation program for students joint program between Urban Design-SPA and UNIFI, Florence, NCR,SPA, New Delhi, January 18,2016
- **Planning for Climate Resilient Indian cities, Urban Seminar on Governance and Inclusion in Transforming Cities organized jointly with IHS, Netherlands, IISS, 11 May 2016, Institute of Town Planners, India (ITPI),Delhi**
- **Identifying Urban Living Labs opportunities in urban initiatives taken in Delhi, India (in the Track Theme Advancing Urban Living Labs) in 2016, EU-SPRI Conference titled 'Exploring new avenues for Innovation and Research Policies'** from June 7-10, 2016 at Lund University, Sweden

Panel discussion

Prof. Dr. Meenakshi Dhote

- Panel discussion on **Modernization of railway stations in India**, Rail Bhavan, 14th December 2015
- NIC E-Green Platform, Delhi, **Development of GIS based E-Green Platform** , MoEFCC; 5th February 2016

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

Dr. Neha Goel Tripathi

- Participated in certificate Online course **'Our Energy Future' (9 week long)** conducted by University of California, San Diego (USA) (December 2015 – January 2016)
- Participated in certificate Online course **'Greening the Economy: Sustainable Cities' (5 week Long)** conducted by Lund University, Sweden.
- Professional Development Programme organized by Engineering Staff College of India, on **'Review of Environmental Impact Assessment Reports** from 07-08 January 2016 at ESCI Campus, Gachi Bowli, Hyderabad.
- Certificate Course on **GIS and its application in Planning**, 21-23, December, 2015, SPA, NEW Delhi

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

1. Gold Medal in Football (Shailendra Kumar and Thungdemo Humtsoe, session 2014-16) at Inter SPA sports meet, from 04 - 06 March 2016; (venue SPA Bhopal).
2. Gold Medal, Football winners, PG football team (Shailendra Kumar and Thungdemo Humtsoe, session 2014-2016), ATHLOS from 22 - 27 March 2016.
3. Silver Medal in 4x100m running (Shailendra Kumar, session 2014-2016, ATHLOS from 22 - 27 March 2016.

22. Internal and external members of the Board of Studies

S.No	Internal Members	Designation
1.	Prof. Dr. Meenakshi Dhote	Professor and Head of Department
2.	Dean of Studies	Dean of Studies
3.	Dr. Neha G. Tripathi	Assistant Professor of Environmental Planning
	External Members	
4.	Shri. Ajay Raghav	Deputy Director, MOEF, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi-110003
5.	Dr. R. B. Singh	Professor and Head, Department of Geography, Delhi School of Economics, University of Delhi, Delhi-110007
6.	Dr. Anjana Vyas	CEPT University, Kasturbhai Lalbhai Campus, University Road, Navrangpura, Ahmedabad-380009
7.	Dr. Shravan Kumar Acharya	Professor, Centre for the Study of Regional Development, Jawaharlal Nehru University, New Mehrauli Road, New Delhi-110067
8.	Shri. Emami Kumar	Deputy Secretary General, ICLEI International Regional Director, NSIC-STP Complex, NSIC Bhawan, Okhla Industrial Estate, New Delhi-110020

23. Internal and external members of the Departmental Research Committee

S.No	Internal Members	Designation
1.	Prof. Dr. Meenakshi Dhote	Professor and Head
2.	Prof. Dr. P S N Rao	Coordinator, Ph.D Program
3.	Prof. Dr. Mahavir	Professor of Planning
4.	Dr. Neha Goel Tripathi	Assistant Professor of Environmental Planning
	External Members	
5.	Prof. Dr. Uttam K. Banerjee	Professor, Department of Architecture and Planning, IIT Kharagpur, West Bengal
6.	Prof. Saswat Bandyopadhyay	Professor of Planning, CEPT University, Ahmedabad

24. Prominent visitors to the Department of studies:

1.	Dr. G K Pandey, Former Member, National Green Tribunal
2.	Dr. Gurfan Beig, Program Director, SAFAR, IITM Pune
3.	Dr. Mukesh Khare, IIT Delhi and Chairman, State Environmental Appraisal Committee, Government of NCT, Delhi
4.	Dr. A K Gupta, National Institute of Disaster Management
5.	Dr. Anil Kumar Director, Dept. of Environment, Govt of NCT Delhi.
6.	Dr. T. V. Ramachandran, Energy and Wetlands Research Group, Center for Ecological Studies, IISC, Bangalore
7.	Dr. Malti Goel, Former advisor, DST, Delhi

8.	Ms. Anumita Roychaudhari, Executive Director Research and Advocacy, Center for Science and Environment
9.	Ms. Ambika Sharma, Dr. Harish Guleria, Assistant Directors, WWF -India
10.	Shri Kannan, Economic Advisor, Ministry of Environment and Climate Change
11.	Ms. Anandi Subramanian, Senior Economic Advisor, Ministry of Environment, Forests and Climate Change

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

Prof. Dr. Meenakshi Dhote is co-ordinating the Erasmus+ Mobility program under the SPA and NTNU, MOU

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

The students of the Department take part in competitions organized by national and international organizations and participate in workshops organized in Delhi related to environmental issues such as – Air pollution, Risk Assessment. The Department encourages the students to prepare articles on their studio projects and thesis. Some of them have been published in SPACE magazine of the School.

27. Any other information

The Board of Studies of the department was held on revising the Syllabus of Master of Planning with specialization in Environmental planning. The syllabus has been revised incorporating the the choice based Credit System

Lecture courses Ecology and Environment for Post Graduate course in Planning, ITPI, New Delhi



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 Qualifications	Designation	Area of Specialization	Number of Years of Experience
P.S.N. Rao	A.I.I.A., B.E. (Civil), M. Planning (Housing) (Gold Medalist), Ph.D., Certificate in Urban Management (Canada), F.I.T.P., F.I.E., Cert. in Art Appreciation (National Museum), Advance Cert. in Art Appreciation (NGMA)	Professor, HOD (16th May 2014 onwards)	Town Planning / Housing	29
Ruchita Gupta	Ph. D M. Planning (Housing) B. Arch	Assistant Professor	Town Planning / Housing	16
Harshita Deo	M. Planning B. Arch	Assistant Professor	Town Planning / Housing	7

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
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)	1
	I	Studio – Planning and Design Studio	9
	III	Housing Studio- Project Formulation and Design	6
	II II IV	Urban and Rural Housing Policy and Programme (Theory) Housing Options and Strategy (studio) Housing Studio – Thesis (Studio)	2 6 8
Harshita Deo	Semester	Subject (Theory and Studios)	Hours per week
	I	Theory – Housing and Environment Planning	1
	I	Studio – Planning Studio	9
	II	Theory – Housing Standards, Design & Projects	2
	II	Studio – Housing Options and Strategy	6
	III	Housing Studio – Project Formulation and Design	6
	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 per Week
Ruchita Gupta	IV (B. Arch)	Guided one Dissertation Student	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/ Semester
Neelima Risbud	II	Housing Studio	96
Rashi Gupta	II	Housing Studio	87
Chitra S. Jain	II	Housing Studio	68
Shiv Prasad Singh	II	Housing Studio	78
P.S. Uttarwar	II	Housing Studio	66
J.B. Ghildiyal	II	Housing Studio- Survey Techniques and GIS	48
Rita Bhattacharya	II	Housing Finance and Projects Formulation	4
Rashi Gupta	II	Housing Standards, Design and Projects	6
Mona Anand Chhabra	II	Material Technology and Infrastructure	18
Shiv Prasad Singh	II	Housing Finance	8
Akshay Sen	II	Housing Finance	32
Neelima Risbud	III	Housing Studio	160
Neelima Risbud	III	Urbanization and Land Management	32
Pushpanjali Jha	III	Inclusion, Community Participation and Communication	20
Sanjeev Saxena	III	Legislation and Professional Practice	32
Syeda Baghma Abidi	III	Inclusion, Community Participation and Communication	10
Amir Ali Khan	III	Disaster and Settlements	28
Neelima Risbud	III	Informal Housing, Slum and Poverty	32
Roma Bhagat	IV	Housing for Special Areas and Groups	4
Surbhi Mahotra	IV	Housing for Special Areas and Groups	4
Mona Anand Chhabra	IV	Housing for Special Areas and Groups	4
Vinod Sakle	IV	Housing Studio - Thesis	192
Chitra S. Jain	IV	Housing Studio – Thesis	90
Neelima Risbud	IV	Housing Studio - Thesis	192

(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. 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
3 rd Semester Studio – Housing Project Formulation and Design: Kolkata	<ul style="list-style-type: none"> • Studying the city under various aspects of city profile, housing subsystems, real estate development aspects etc. • Evaluating various existing group housing projects in Kolkata for best practices and design flaws. • Understanding the issues and process involved in bringing up a group housing project from the developers points of view. • To formulate an appropriate housing project that can address the requirements in the near future. 	<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 Kolkata:-</p> <p>Sukhobrishti by Shapoornji Pallanji, Godrej Prakriti, Unitech Gateway, Upohar by Bengal Ambuja were done in detail.</p>	<ul style="list-style-type: none"> • Demand for Affordable housing <p>Hence, the group housing was designed in 2 locations of Kolkatta with all plans and evaluated for profit and loss.</p>
2 nd Semester – Housing Options & Strategy : Nellore	<ul style="list-style-type: none"> • To understand the various housing options in the city in terms of their evolution, transformation and present status. • To identify various emerging issues in the housing sector. • To project the future scenario of housing demand. • To outline a strategy and recommendations to address the issues. 	<ul style="list-style-type: none"> • Case studies of various subsystems were undertaken to understand individual issues and requirements and suggest strategies for each separately. The subsystem studied are Old City, Urban Village, Public Housing, Private/ Real Estate Housing, Co-operative Housing, Employer Housing, Slums, Unauthorised Colonies. 	<ul style="list-style-type: none"> • The growth of slums and unauthorised was rapid and no housing supply by public and co-operative housing. • Major new housing supply by private developers.

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/515	Anubhav Kshyap	Private Sector Infrastructure Provision in Un-authorized Colonies in Delhi
SPA/NS/H/516	Avneet Khokar	Evaluation of BSUP in Jaipur
SPA/NS/H/517	Bitan Biswas	Housing Transformation in Howrah
SPA/NS/H/518	Dheeraj Bhardwaj	Cooperative Housing in Gurgaon
SPA/NS/H/519	Garima Singh	Role of Public Housing in Lucknow
SPA/NS/H/520	Hemant Emoliya	Land Pooling for Housing in Indore
SPA/NS/H/521	Himanshu Sharma	Housing Transformation in Old City in Lucknow
SPA/NS/H/522	Indrani Mukherjee	Redevelopment of Bastis on Theka Tenancy Land in Kolkata
SPA/NS/H/523	Jawale Akshay Chandrashekhar	Mill Land Redevelopment in Mumbai
SPA/NS/H/524	Kiran G Singh	Housing Options for Slum Dwellers in Ludhiana
SPA/NS/H/525	Poojitha Puranam	Changing Approaches to Slum improvement in Hyderabad
SPA/NS/H/526	Pramid N. S.	Evolution and Transformation of Residential Real Estate in White Field-Bangalore
SPA/NS/H/527	Pratibha	Home Based Economic Activities in J
SPA/NS/H/528	Ranita Chandra	Housing Transformation along Metro in Kolkata
SPA/NS/H/529	Richa Rashmi	Role of RWA as in Residential Neighborhood management: Delhi
SPA/NS/H/530	Ritika Singh	Impact of Metro Corridor on Housing
SPA/NS/H/531	Shivani Ghilhotra	Traditional Housing Development Practices in Earthquake Prone Areas: Kumaon
SPA/NS/H/532	Shraddha Kumar	Evolution of Neighborhood Planning in Delhi NCR
SPA/NS/H/533	Simi Simon	Housing Transformation in Kuwait
SPA/NS/H/534	Varun Trikha	Housing for the Elderly – Delhi NCR

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
2011	Aparna Das	Revisiting Jute Mills – Role of Land Policies and Local Economy of Kolkata	Prof. Dr. P.S.N. Rao	-
2015	Madhuri Agarwal	Urban Neighborhood Community Building with new Media and Network ICTs.	Prof. Dr. P.S.N. Rao	-

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

Research Project

Ruchita Gupta

- Project is “The rise of private slum developers in Bangladesh and India: Heroes of villains” The project is in collaboration with Lancaster University, Centre for Science and Environment, SPA, New Delhi and BRAC University Dhaka Funded by British Academy under International Partnership and Mobility Scheme. The amount received is Rs.358502.

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

Nil

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 of studies.

P.S.N. Rao

- Housing for All: How do we do it? The Indian Express, March 21, 2015
- Smart Cities Need to be Safe Too, The Indian Express, June, 13, 2015

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

P.S.N. Rao

Any other

- Jury Member, C.P. Kukreja Award, New Delhi, September 7th, 2015.
- Jury Member, HUDCO Design Awards, October 27-28, 2015.
- Jury Member, National Museum of National History, Ministry of Environment and Forests, New Delhi, November, 3rd, 2015.

Member of Professional Body

- Fellow, Institute of Town Planners-India
- Fellow, Institute of Engineers
- Associate, India Institute of Architecture
- Registered, Council of Architecture
- Member, Housing and Real Estate Committee PHD Chamber of Commerce, New Delhi

- Member, School Education Committee, IGNOU, Government of India.
- Member, Building Committee, Rashtriya Sanskrit Sansthan.

Ruchita Gupta

Any other

Member of Professional Body

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

Harshita Deo

Any other

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 workshop under the project “The rise of private slum developers in Bangladesh and India: Heroes or Villains” on 17 February, 2016 at SPA New Delh.

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

P.S.N. Rao

International Conferences/Seminar/workshops/Chairperson/Member of Panel/ Lecture Talks/Participated only

- Participated in National Workshop on Model State Urban Affordable Housing and Habitat Policy – decisive roadmap for achieving housing for All, New Delhi, October 27, 2015
- Participated in a Roundtable on Rural Housing Issues, UNDP, New Delhi, 26th August, 2015.
- Participated in Seminar on Land Pooling, MoUD, Government of India, New Delhi, December 1st, 2015.
- Participated as a Panelist at “Cities for Inclusive Prosperity”, Urban Thinkers Campaign organized by NIUA, UN-HABITAT, World Campaign, New Delhi, October 5th, 2015.
- Chaired a Session at the National Conference on Delhi: From Seven Cities to Smart Cities, IIPA New Delhi, July 23rd, 2015.
- Participated in 19th School Board Meeting, School of Extension and Development Studies (SOEDS), IGNOU, New delhi, February 3rd, 2016.
- Participated in Regional Multi-Stakeholder Symposium on “Towards Inclusive Cities in Asia”, GIZ, New Delhi, February 23-24, 2016
- Participated in 3rd Meeting of the Technology Sub-Mission on Housing for All, MoHUPA, New Delhi, April, 29th, 2016.
- Selection Committee Meeting, UPSC, New Delhi, July 6th, 2015.
- Selection Committee Meeting, GND University, Amritsar, August 5th, 2015.
- Selection Committee Meeting, UPSC, New Delhi, August 24th, 2015.

- Selection Committee Meeting, HPSC, Shimla, February 26th, 2016.
- Chief Guest, 4th Habib Rahman Memorial Lecture Series, Department of Architecture and Planning, Jamia Milia Islamia, New Delhi, March 3rd, 2016.
- Guest of Honour, Seminar on Women's Safety in Public Space, University School of Architecture and Planning (USAP) GGS Indraprastha University, New Delhi, March 22nd, 2016.
- Guest of Honour, World Town Planners' Day organized on World Habitat Day by SPA Vijaywada, November, 18th, 2015.
- Delivered Reserve Bank of India (RBI) annual Lecture on "Urban Planning Challenges Today: case of Delhi, April 9th, 2016.
- Delivered a presentation on 'Unified Building Bye Laws for Delhi' at Workshop on Ease of doing Business, MoUD, New Delhi, April 28th, 2016
- Delivered a Presentation of 'unified Building Bye Laws for Delhi' at meeting of Indian Institute of Architecture (IIA), New Delhi, April 29th, 2016.
- Delivered a Series of lectures on Real Estate Development at the TERI University, New Delhi Jan-May, 2016.
- Delivered a lecture on 'Role of Town Planners Today', Department of Architecture, Ansal University, Gurgaon, November 17th, 2015.
- Delivered a presentation on 'Smart Public Sanitation' at the 5th Asia Pacific Housing Forum, Habitat for Humanity India, Gurgaon, September 3rd, 2015.
- Delivered a lecture on 'Public Art and its Importance' at the Exhibition cum Seminar on Environment – Breathe Better Together, organized by the Delhi Art Society, New Delhi, December 2nd, 2015.
- Delivered a presentation on 'Smart Cities and Urban Transformation', PHD Chamber, New Delhi, 11th August, 2015.
- Delivered a presentation of Real Estate Today: Budget 2016, at the National Real Estate Summit 2016, PHD Chamber, New Delhi, 21st January, 2016.
- Delivered a presentation on 'Smart Cities in India' at the Global Partnership Summit on Smart Cities-Smart India, organized by ASSOCHAM, New Delhi, February 10th, 2016.
- Delivered a presentation on 'Approval Process and Regulatory Issues in Real Estate' in a conference on Creation of Housing Stock in India : A Realistic View, PHD Chamber, New Delhi, July 27th, 2015.
- Conducted s Seminar titled SANGATH -40 years of DUAC, November 6th, 2015.
- COA Inspection of Mohammed Sathak Trust College of Architecture, Kilakari, Tamil Nadu, May 19-20, 2016.

Ruchita Gupta

- Presentation was made by Ruchita Gupta for the Delhi case study in the workshop conducted under the project "The rise of private slum developers in Bangladesh and India: heroes or villains" on 17th February, 2016 at SPA New Delh.

Participated only

- Attended a National Conference at IIPA "Delhi: from seven cities to Smart City State" on 22-23 July, 2015

- Attended a meeting of the National habitat Committee (NHC) under the chair of Secretary (HUPA) on 18 September, 2015 at IHC, New Delhi
- Attended Seminar SANGATH Celebrating 40 years of DUAC on 6th November, 2015 at IHC, New Delhi organized by Delhi Urban Art Commission (DUAC).
- Attended Lecture by Dr. Kulwant Singh on 19 March, 2016 under regular lecture series organized by Lakshraya Foundation, Hailey Road, New Delhi
- Attended a Urban Seminar on 'Governance and Inclusion in Transforming Cities' on 11 May, 2016 organized by ISS, SPA – Delhi.
- Brainstorming Workshop on Mainstreaming Affordable Housing. Moving towards Housing for all by 2022, organized by Deloitte 19 May, 2016, IHC, New Delhi.
- Attended two day Workshop on sharing of Singapore's and International Best Practices in Water, Wastewater and Solid Waste Management organized by Niti Aayog, Temasek Foundation – Singapore Cooperation Enterprise under Urban Management Programme in New Delhi on 16-17 June, 2016 at Ashoka Hotel, New Delhi.
- Attended one day Workshop on Human Settlements-Planning & Design: A Shared Understanding on 24 June, 2016 at IHC, New Delhi organized by MOHUPA.

Harshita Deo

Participated Only

- Attended Seminar SANGATH Celebrating 40 years of DUAC on 6th November, 2015 at IHC, New Delhi organized by Delhi Urban Art Commission (DUAC).
- Attended Half Day Workshop on PSlums: The rise of private slum developers in Bangladesh and India: Heroes or Villains? On 17th February, 2016 at SPA-D, New Delhi. Project collaborators: SPA, New Delhi, CSE-Delhi, BRAC University-Dhaka and Lancaster University-UK.
- Attended a Union Seminar on 'Governance and Inclusion in Transforming Cities' on 11th May, 2016 organized by ISS, HIS, SPA-Delhi.
- Brainstorming Workshop on mainstreaming Affordable Housing, Moving towards Housing for All by 2022, organized by Deloitte, 19th May, 2016, IHC, New Delhi.

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

-

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

-

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

Internal Members:

1. Prof. Dr. P.S.N.Rao
2. Dr. Ruchita Gupta
3. Ms. Harshita Deo

External Members:

1. Ms. Manju Paul
2. Dr. Rahul Bysack
3. Prof. Dr. Rama Subramanian
4. Mr. Kishan Sheshadri
5. Smt.Chitra Jain

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

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

External Members:

2. Dr. Kiran Wadhwa
3. Dr. S. P. Bansal

24. Prominent visitors to the department of studies:

Nil

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

In August 2015, SPA has signed an MOU with the Tata Housing. As per the MOU, Tata Housing wanted our students to suggest innovative design ideas for their housing projects in Kolkatta. As a result, this time the sites selected for doing the studio project were two Tata Housing sites in Kolkata one at BT Road and another at the Kona Expressway .

26. Details of 'beyond syllabus scholarly activities' of the department**Visit to Bharat City to understand Prefabrication Technology**

Bharat City is the mega township Residential project that is launched by BCC Infrastructure. The department organized a visit to the township where BCC Infrastructures provided an insight into the precast German technology that has been employed in the construction of the Mega Township. In this technology majority of structural components of buildings (such as slabs, wall etc.) are standardized and produced in plants in a location on the site where a production unit was set up and then transported to the building site for assembly. These components are manufactured by industrial methods based on mass production in order to build a large number of quality buildings in a short span of time at low cost.

It was an enriching experience for the students to witness the benefits of precast technology as a solution to mass housing.

27. Any other information**P.S.N. Rao**

- Chairman, Delhi Urban Art Commission (DUAC) a statutory body under Act of Parliament.
- Chairman, Committee on Modernisation of Rashtrapati Bhawan, Office of the President of India.
- Preparation is of DPR for Devapryag Campus (20 Acres), Rashtriya Sansthan (Deemed University) MHRD, Government of India.

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 Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Neerja Tiku	B.Arch PG diploma in Urban and Regional Planning	Head of Department	Architecture, Urban Planning, Interior Design Settlements Studies Sustainable Design Social Innovation	36	
Parag Anand Meshram	B.E. (Electronics), Master of Design (Industrial Design)	Associate Professor	Product Design, System Design, Social Design	19	Honorary Hostel Warden Since 2010
Krity Gera	B.Arch., M.Arch (Industrial Design)	Assistant Professor	Design for Sustainability, Design Innovation, Design and Craft	10	
Aditi Singh	B.Arch., M.Arch (Industrial Design)	Assistant Professor	Product Design Sustainable System Design, Next-gen Experience Design Social Innovation	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. Neerja Tiku	I	Design Project 1	2
	II	Design Project 2, Design Research	5
	III	Design Project 3, Design Criticism	8
	IV	Final Project	6
Parag Anand Meshram	I	Design Project 1	12
	II	Advance Manufacturing Techniques	3
	III	Elective (Design for X)	3
	IV	Final Project	12
Krity Gera	I	History and culture of Design, Product Aesthetics and Form studies	5
	II	Design Project 2, Advanced Form Studies	10
	III	Design Project 3	13
	IV	Final Project	6
Adivi Singh	I	Design Project 1	12
	II	Advance Manufacturing Techniques	3
	III	Design Management , Elective: Design for X	5
	IV	Final Project, Degree Show, Intellectual Property Rights	15

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
Parag Anand	1Sem, B.Arch	Computers: Module Photoshop	1
Adivi Singh	1Sem, B.Arch	Computers: Module Illustrator	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
Prof. (Dr.) Vinod Gupta	II	Design Project 2	3
	III	Design Project 3	9
	IV	Final Project	6

Mr. Amit Dongre	II	Computer Aided Product Design and Design Project 2	7
	III	Product Detailing, and Computer Aided Industrial Design	4
Ms. Ratna Chatterjee	II	Industrial Design Theory	3
	III	Design Management	2
	IV	FP/IPR	3
Ms. Anisha Shekhar Mukherji	I	Technical Writing,	2
	II	Design Research	2
	III	Design Criticism	2
Mr. Amit Gulati	III	Marketing , Management & Innovations	2
Mr. Naveen Rampal	II	Design Project 2	5
	III	Design Project 3	9
	IV	Final Project	6
Mr. Rahul Tyagi	II	Human Factors in Design	2
	III	Contemporary Tech. and Innovations	2
Mr. Sugandh Malhotra	I	CPT - Free Hand Drawing and Rendering and CPT – Model Making and Technical Drawing	6
	II	Design Project 2	10
Prof. Jatin Bhatt	III	Concept of Quality	2
Mr. Ruchin Chaudhary	I	Design Project 1	10
	IV	Final Project	11
Mr. Siddharth	I	Model Making and Technical Drawing Manufacturing Process and Techniques	5
	II	Elective	3
Ms. Somya Hastekar	I	History and Culture of Design Product Aesthetics and Form Studies	5
	II	Advanced Form Studies	3
Ms. Shruti Parikh	I	Elective – Human Experience in Design	3
	II	Elective	3
Mr. Pankaj Arora	I	Manufacturing Process and Techniques	2
Mr. Abhimanyu Nohwar	III	Design Project 3	3
Mr. Gourav Sharma	I	CPT - Free Hand Drawing and Rendering	3
	II	Human Factors in Design	2
Mr. Abid Bilal	II	Design Project 2	10

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

Name of the Expert	Topic	Date
Dr. Surya Prakash	The National Institute of Disaster Management	21 August, 2015
Architect Kamal Chawla	Design for Disaster	26 August, 2015
Amarendra Kumar Nandi	Human Anatomy	4 November, 2015
Advocate S S Rana	Intellectual Property Rights	17 February, 2016
Anish B. George, Ravish Arora	LED and its applications by Philips Lighting R&D, Noida	30 November, 2015

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

- Across the Metropolis (Metro Violet Line 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 to better the commuting, legibility and usability experience of the heritage metro line.
- Design project exploring possibilities of application of new LED based lighting typologies sponsored by Philips Lighting Design, Noida, India, November 2015 a part of Design Project 1, 2015
- Presentation Thesis Projects (by Mr Jettin and Mr Shouvik) and felicitation at Kohler India Head Office along with faculty Ms. Aditi Singh and Mr. Parag Anand.
- Community Space Design (CSD 1.0): An Interdisciplinary workshop and competition in collaboration with the Korean Cultural Centre and a final public exhibition "Smart Realities" at the KCC, New Delhi.
- Design Project (3rd Semester) : Design for Disaster Management with National Institute of Disaster Management
- Design Project (3rd Semester) :Design for Sustainability with Design Innovation Centre (DIC)

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

First Semester First Year

Name of the Studio	Project Title/ Topic	Case Study Description and Major Outcomes and Conclusion
DP1 (A) Utopian World Project	A project to deschool the first sem students through creation of an abstract utopian space and design of products without boundaries for that space	Helium: Device to collect and store ideas and thoughts - Nandini Bhattacharjee
		Tridib Ray
		Nexus: Band for Health and love - Rajiv Surya Sathuri
		Shamik Sarkar
		Mansi Devesh Kumar Pandey
		Arrow: - Thomas C. Oommen
		See through my eyes - Kumar Skand
		Aparna Singh
		Pro Hike: Mountaineering Aid - Ashok Mohan
		Cadence: A musical Phrase - Monikuntala Das
		Rise on Leaf: An aid for meditation - Rahul Bhaumik
		Own Personal Audience: Artificial intelligence with emotions - Arijit Debnath
		Bloom: Device to collect honey and fragrance from flower - Beenish Fatima
		Dendrofly: Device to capture identity of any green being and transfer it to computing device - Dollsy
		Prachi Vijendra Thakare
		Gizmo: Device to help traveler explore the world - Priyanka Yadav
		Souljet: Plasma based flying gadget - Rohit S. Sharmilee
		Nikhil Singh
Ablaze: Twistable Portable Light - Harsh Vardhan		
Turbo 77: Device to experience skydiving - Lunkim Tingneilam Khongsai		
Bhoomi Bansal		
Lighting system that responds to music beats - Abhinav Pratap Singh		

<p>DP1 (B) Across the Metropolis (Interdisciplinary Design Studio)</p>	<p>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 to better the commuting, legibility and usability experience of the heritage metro line.</p>	Signage System for Delhi Metro stations - Nandini Bhattacharjee
		Tridib Ray
		Rajiv Surya Sathuri
		Luggage management inside Delhi Metro coach - Shamik Sarkar
		Better user experience of steercases over escalators at Delhi Metro Stations - Mansi Devesh Kumar Pandey
		Metro Feeder as an integral syatem - Thomas C. Oommen
		Kumar Skand
		Aparna Singh
		Ashok Mohan
		Monikuntala Das
		Rahul Bhaumik
		Crowd Management inside the Metro Coach - Arijit Debnath
		Beenish Fatima
		Dollsy
		Prachi Vijendra Thakare
		Priyanka Yadav
		Rohit S. Sharmilee
		Nikhil Singh
Ingress and egress managemt system for Delhi Metro - Harsh Vardhan		
Cultural aspects of Delhi Metro - Lunkim Tingneilam Khongsai		
Bhoomi Bansal		
Abhinav Pratap Singh		

DP1 (C) LED Lighting Design Project in collaboration with Philips Lighting R&D	Design project exploring possibilities of application of new LED based lighting typologies sponsored	Nandini Bhattacharjee
		Bang: - Tridib Ray
		Vista: - Rajiv Surya Sathuri
		Clemento: - Shamik Sarkar
		Mansi Devesh Kumar Pandey
		Machinist: Machine and Gear inspired LED light fixture - Thomas C. Oommen
		Vortex: - Kumar Skand
		Ashok Mohan
		Hidden Intellect: - Monikuntala Das
		Rahul Bhaumik
		Anantya: LED wall light depicting constellation -Arijit Debnath
		Blaze: - Beenish Fatima
		Gleam: - Dollsy
		Blue: Coral inspired LED fixture and Glory: - Prachi Vijendra Thakare
		Priyanka Yadav
		Rohit S. Sharmilee
		Nikhil Singh
		Eva: - Harsh Vardhan
Dripping shade and Infinity - Lunkim Tingneilam Khongsai		
Bhoomi Bansal		
Ripples: Ripple inspired LED wall light - Abhinav Pratap Singh		

Second Semester

DP2 (A)	Indian Railways	Abhinav Arun Pratap : Foot Over Bridge - Luggage
		Arijit Debnath : Entertainment System Inside the Coach
		Ashok Mohan : Lighting Design
		Beenish Fatima : Ticket Counter
		Bhoomi Bansal : Food Packaging
		Dollys : Cradle System
		Harsh Vardhan : Food Serving Tray inside the coach
		Kumar Skand : External Coach Livery
		Lunkim Tingneilam Khongsai : Travel SOS - Support System Inside Coaches
		Mansi Devash Kumar Pandey : Location Based App
		Monikuntala Das : Redesign Sleeper Coach Windows
		Nandini Bhattacharjee : Furniture for waiting Rooms
		Prachi Vijendra Thakare : Lash basin inside Railway Coach redesign
		Priyanka Yadav : Drinking water station
		Rajiv Surya Sathuri : Entertainment app for Passengers
		Rohit S. Sharmilee : Railway Signage's
		Shamik Sarkar :
Thomas C Oommen : Grab Handles		
Tridib Ray : AC I class redesign		

DP2 (B)	Project 2050	Abhinav Arun Pratap : In-house Vacuum Cleaner
		Arijit Debnath : Baby Crib
		Ashok Mohan : Bike Scanner
		Beenish Fatima : Bio Couture (Clothing)
		Bhoomi Bansal : Bathing Experience
		Dollsy : Modern Beehive
		Harsh Vardhan : Learning Device for Visually Impaired
		Kumar Skand : Inter - Specie Communication
		Lunkim Tingneilam Khongsai : Art of Sketching Redefined
		Mansi Devash Kumar Pandey : Future of walking sticks
		Monikuntala Das : Conversable (Holographic Conversation)
		Nandini Bhattacharjee : Holographic Teaching Device
		Prachi Vijendra Thakare : Pro - Cook
		Priyanka Yadav : Mirror - Tell
		Rajiv Surya Sathuri : Future of Toys for Kids
		Rohit S. Sharmilee :Banking Band
		Shamik Sarkar :
Thomas C Oommen : Exoskeleton Gym		
Tridib Ray : Sleep Device for Lawyers		

DP2 (C)	Design For Delhi	Abhinav Arun Pratap : Last Mike Connectivity – E Rickshaw
		Arijit Debnath : Women Safety
		Ashok Mohan : Composter
		Beenish Fatima : Road Barricade for Delhi Police
		Bhoomi Bansal : Mehndi Artist WorkStation
		Dollsy : Plate for Food Vendor
		Harsh Vardhan : Solution for Rag Picker
		Kumar Skand : Parking System Design (For SPA)
		Lunkim Tingneilam Khongsai : Cobbler Work Station
		Mansi Devash Kumar Pandey : Roadside Barbers Case
		Monikuntala Das : Public Urinal for women
		Nandini Bhattacharjee : Mobile Vendor Cart
		Prachi Vijendra Thakare : Crowd Management at bus Stop
		Priyanka Yadav : Vegetable Shopping Bag
		Rajiv Surya Sathuri : Design for E – Coin Vehicle
		Rohit S. Sharmilee :Comport Rain Coat
		Shamik Sarkar :
		Thomas C Oommen : Water Dripping in AC's
Tridib Ray : Street Lighting		

DP3 (B)	Disaster Management	Anil Kumar Bhaskar : Flood Disaster (Major Problem Water Front)
		Aniruddha Gaurav Gogoi : Cold Wave (Cold Snap)
		Ankan Ajay Srivastava : Cold Wave
		Isha Gulati : Heat Wave
		Jettin Tom Augustine : Flood Evacuation
		Kallol Deb : Focus Area : Flood
		Chinmay Prabhakar Lokhande : Rehydration Jacket - Drought
		Nitin Nandi : Heat Wave
		Abhijit Ashok Pandit : Drought Rural Area (Maharashtra)
		Samrat Chatterjee : The Last Meter connectivity in floods
		Samridhi Jain : Crematorium for disaster hit areas
		Shouvik Nandy : Flood
		Shruti Kshirsagar : Safety from heat for construction labourers
		Sinam Rubash Singh : Collecting flood water
		Soham Sinha : Flood
		Sridip Das : Dhobi Ghat
		Yamini Bhargava : Air pollution
		ZeraT.K : Disaster Management and Mitigation for Cold Waves
Papiya Das : Disaster management and mitigation for drought scenario		

DP3 (A)	<p>Design For Sustainable Living The emphasis of the 4-week design project was towards designing and developing products towards sustainable living in both urban and rural scenarios. Students ideated on issues and concerns that deal with the comforts and conveniences that bring about sustainable livable conditions in both communities.</p>	Anil Kumar Bhaskar Abhijit Ashok Pandit	ATM for Illiterate
		Aniruddha Gaurav Gogoi Sinam Rubash Singh	Medicine Packaging Design
		Ankan Ajay Srivastava	Linen Kit for Indian Railways
		Isha Gulati Yamini Bhargava	Game for Restaurants
		Jettin Tom Augustine Nitin Nandi	Sharing App
		Kallol Deb Shouvik Nandy	Indoor Farming
		Chinmay Prabhakar Lokhande Kartik Mohan	Product for Cleaning Dust
		Samrat Chatterjee Soham Sinha	Khata- Simplifying Ledger Entry Process
		Samriddhi Jain Sridip Das	Stress Busting Aid for Kids
		Shruti Kshirsagar Papiya Das	Lunchbox Organizer (Flat pack)
		Zera T.K. Shruti Nain	Personal Commuter
Design Project 3b	In collaboration with Design Innovation centre, Delhi University	The emphasis of the 4-week design project was towards designing and developing products towards sustainable living in both urban and rural scenarios. Students ideated on issues and concerns that deal with the comforts and conveniences that bring about sustainable livable conditions in both communities.	

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

SI. No	Year of Enrollment	Name of the Student	Thesis Topic	Name of the Research Supervisor
	ID/241	Anil Kumar Bhaskar	Night Vision Eye gear: A compact, ergonomic, low cost night vision equipment for the armed forces to aid combat counter terrorism situations.	Parag Anand
	ID/242	Kallol Deb	Rethinking Luggage System: A convenient, hassle free luggage unit tailored for Indian Travel Contexts.	Ruchin Chaudhary
	ID/243	Aniruddha Gogoi	Toy Design: This toy for preschoolers aims which imparts learning through mode of most fascinating methods of storytelling.	Prof Neerja Tiku Naveen Rampal
	ID/244	Samriddhi Jain	Gait training assistant for prosthetic users: A progressive walking aid that evolves with the user supported by gait pattern analysis provided by feet position and pressure sensing.	Ruchin Chaudhary
	ID/245	Souvik Nandy	Indian Traditional Knowledge and Bathing: An experiential luxury-bathing unit, which heightens the Indian ritual of Snanam, through Ancient Traditional Knowledge.	Aditi Singh
	ID/246	Shruti Kshirsagar	Food Purification: A purifier that prevents harmful pesticides in fruits and vegetables form entering your food chain.	Prof Vinod Gupta Krity Gera

	ID/248	Nitin Nandi	Future of Education: A simple learning tool that fosters critical thinking and creative learning from the elements of our day-to-day life.	Parag Anand
	ID/250	Zera T. K	Cooking on the Go: A cooking unit mainly for the youth to that promotes self-cooking and healthy diet.	Aditi Singh
	ID/251	Soham Sinha	Enhancing the in Stadium experience: A series of experience enhancers for spectators on the stand to soak in the live match excitements.	Parag Anand
	ID/253	Sridip Das	Special Soccer for the Visually Impaired: Design of the experience of football as an aid for healthy physical and mental activity of the visually impaired.	Prof Neerja Tiku Naveen Rampal
	ID/254	Ankan Srivastava	Emergency Response Vehicle: A two-wheeled first responder unit designed for emergent situations and prompt rescues measures.	Prof Neerja Tiku Naveen Rampal
	ID/255	Yamini Bhargava	Crowd Management at Railway Station: A designed system to streamline the crowd flow at railway stations with heavy footfall.	Aditi Singh
	ID/256	Abhijit Pandit	Music as a Rejuvenation Tool: Unit of musical significance that will help improve the sensory response of Autistic Infants.	Ruchin Chaudhary
	ID/257	Isha Gulati	Lighting in Art Galleries and Museums: A portable unit for Display Lighting using distinctive features of Light Emitting Diodes.	Prof Vinod Gupta Krity Gera
	ID/259	Chinmay Lokhande	Furniture Design: Modular Multifunctional Furniture for Young Professionals staying in Crunched Spaces.	Prof Neerja Tiku Naveen Rampal

	ID/260	Samrat Chatterjee	Residual heat Re-utilization of Kitchen equipment: A completely redesigned refrigerator that incorporate features that use its residual heat into productive domestic utilization.	Aditi Singh
	ID/261	Rubash Sinam	Future of computing A concept modular computing platform, which integrates with existing domestic devices and blends with the users immediate environment	Parag Anand
	ID/262	Jettin Augustine	Bathing Experience: A bathing fixture, which is designed to compliment with Indian traditional habits and customs.	Parag Anand
	ID/225	Shruti Nain	Ankle Foot Orthosis: An assistive medical aid helping improve the gait of people with ankle, foot disorders.	Ruchin Chaudhary
	ID/229	Kartik Mahon	Public Furniture: Design and Material exploration for outdoor furniture using cement fiberboards.	Prof Vinod Gupta Krity Gera
	ID/239	Papiya Das	Medicine reminder for elderly people.: An assistive unit for the elderly that helps organize with efficiency, their daily dosage of Medicines.	Prof Vinod Gupta Krity Gera

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, eco-friendly lighting solutions, sustainable design, system thinking, sanitation and health in urban rural sectors, design intervention in heritage zones, disaster mitigation and 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)
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)
Nil			

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

1. Review of Contribution 1217: "DESIGN BASED ON NATURE (DBN) – A LITERATURE INVESTIGATION" for the 18TH International Conference on Engineering and Product Design Education hosted by the Department of Architecture, Design and Media Technology of Aalborg University, Denmark by Aditi Singh.

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

- "Porous Fronteers The Deer Park Project "in collaboration with RMIT University, Melbourne – Parag Anand Meshram and Aditi Singh.
- Delhi a city of contrasts – Neerja Tiku
- Essay in Publication Reimagining "Lutyen Delhi" – Colombia University, New York. – Neerja Tiku

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

S.No	Name of Faculty Laboratories/ Institution/ Industries/ India and Abroad
1.	<p>Prof. Neerja Tiku</p> <ul style="list-style-type: none"> • Coordinator of the Design Innovation Centre (DIC), Spoke at School of Planning and Architecture, New Delhi • 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 interation Sessions. • Mentor and Member of Senior Panel for “TALERANG” a “Work Readiness Initiative” for young graduates and professional, based on “A Harvard Project” • Member of Board of Studies, Dept. of Architecture, Mizoram University (2013-2016) • Member of Core Group, Shilpsagar, Asian Heritage Foundation, held various brain storming session on “Design Podagogy” May - June, 2016.
2.	<p>Parag Anand Meshram</p> <ul style="list-style-type: none"> • Member IIPA • Board IIT Delhi B.Des • Member, General Council, SPA. • Hon. Hostel Warden and Co – Chairman, Hostel Management Committee • Member, Harassment at Workplace Committee • Member, IQAC.
3.	<p>Assistant Prof. Krity Gera</p> <ul style="list-style-type: none"> • Member Anti Ragging Committee • Member of Student Grievience Committee
4.	<p>Assistant Prof. Aditi Singh</p> <ul style="list-style-type: none"> • Nominated as Fellow: World Technology Network • Placement Co-ordinator: DoID • Member Anti Ragging Committee

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

- (a) Krity Gera - Organized a workshop for students on Origami by Ankon Mitra - September 2015
- (b) Aditi Singh co-ordinated the In-residence Programe for Inspired teachers at the Rastrapati Bhawan from the 23rd-29th April 2016.
- (b) Exhibition – Design Degree Show titled “Design Premiere 2016” at the India Habitat Centre, New Delhi
- (c) “Smart Realities” exhibition jointly conducted with the Urban Design Department at the Korean Cultural Centre, New Delhi
- (d) Philips LED Design Exhibition at the Department of Industrial Design, SPA, April-May 2016

- (e) Hygieia 1.0 conducted by Parag Anand & Aditi Singh at DUDIC
- (f) Neerja Tiku and Krity Gera Exhibition – Design for Sustainability – Delhi and Design for Indian Railways.

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

- a. **International** (Held outside India)
- b. **Presentation of Papers**
- c. **Chairperson/Member of Panels**
- d. **Participation Only**

Name of Faculty	WORKSHOP/ CONFERENCE/ PRESENTATION (International)
Parag Anand Meshram	<ul style="list-style-type: none"> • EPD and E 2015 • Red Dot Exhibition
Krity Gera	<ul style="list-style-type: none"> • Exhibited Project on - Sustainable Ways of Living - Bodhgaya- at School of Design, Hong Kong Ploytechnic University - October 2015
Aditi Singh	<ul style="list-style-type: none"> • EPD and E 2015 • Red Dot Exhibition

Name of Faculty	WORKSHOP/ CONFERENCE/ PRESENTATION (Presentation of Papers)
Parag Anand Meshram	<ul style="list-style-type: none"> • Lady Irwin College Lifecycle Approach to Waste Management • IIT • Simhasthya
Aditi Singh	<ul style="list-style-type: none"> • International Convention Simhasthya Paper on sanitation

Name of Faculty	WORKSHOP/ CONFERENCE/ PRESENTATION (Chairperson / Member of Panels)
Neerja Tiku	<ul style="list-style-type: none"> • Attended Conference on Women in Architecture WIA,2015 held in New Delhi and Moderated the Session – III of the WIA 2015 Conference
Krity Gera	<ul style="list-style-type: none"> • Panel member for Indian Institute of Art and Design Entrance Interview - May 2016

Name of Faculty	WORKSHOP/ CONFERENCE/ PRESENTATION (Participation Only)
Parag Anand Meshram	<ul style="list-style-type: none"> • CII NID 2 -3 Dec • Design School at Loughborough University and Space Centre
Krity Gera	<ul style="list-style-type: none"> • CII NID Design Summit 2 and 3 December, 2015 • Attended Women in Architecture.

Aditi Singh	<ul style="list-style-type: none"> • CII NID 2 - 3 December • Design School at Loughborough University and Space Centre
Parag Anand Meshram	<ul style="list-style-type: none"> • CII NID 2 - 3 December • Design School at Loughborough University and Space Centre

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

- Attended course on - Big Data Analytics in Urban Planning and Management - June 2016
- Duration of course - 1 week (Krity Gera)
- Attended course on - Teaching Entrepreneurship in Schools - June 2016
- Duration of course - 1 week (Krity Gera)

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

Name of Student	National and International Level
Parag Anand	<ul style="list-style-type: none"> • Red Dot Best of the Best 2015 • Nominated for Luminary • IDSA Winner, usa • IDSA Honorable mention
Aditi Singh	<ul style="list-style-type: none"> • Red Dot Best of the Best 2015 • Nominated for Luminary • IDSA Winner • IDSA Honorable mention • World Technology Network , USA

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

EXTERNAL MEMBERS	INTERNAL MEMBERS
Mr. A Balasubramaniam Product Designer	Prof. Neerja Tiku Head of Department
Mr. Abhimanyu Kulkarni Creative Director/ Location Manager, Philips Design India	Parag Anand Meshram
Prof. Jogi Panghaal	Krity Gera
Mr. Sabyasachi Paldas Senior Vice President, Design Services at Incubis Consultants (India) Pvt. Ltd.	Aditi Singh
Ms. Anubha Kakroo DIT University Dean and Professor	

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

Nil

24. Prominent visitors to the Department of studies:

None

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

Nil

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 Philips Design R and D
- Kohler Design and Research Facilities, Gurgaon
- Design Hub Facilities and Centers, RMIT University, Melbourne Australia
- Industry Visit -Pune - October 2015
 - a) Bajaj Auto Pvt. Ltd.
 - b) Whirlpool India Pvt. Ltd.
 - c) Tata Motors
 - d) INDI Design Pvt. Ltd.
- 3M Labs at Gurgaon
- Kohler Design and Research Facilities, Gurgaon

27. Any other information:

None





DEPARTMENT OF LANDSCAPE ARCHITECTURE

1. Name of the Department

Department of Landscape Architecture

2. Names of academic programs offered by the Department

- Master of Landscape Architecture
- Ph.D.

3. Year of establishment of the Department

1972

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of specialization	Years of Experience	Remarks, if any
Prof. Dr. Rommel Mehta	Ph.D. (Landscape Architecture) PG. diploma in Landscape Architecture B. Arch	Professor Head of the Department	a. Landscape Architecture Design b. Site Planning and Landscape Engineering c. Hydrology d. Plants & Design e. Landscape Project Management and professional Practice	35	
Prof. Dr. Surinder Suneja	Ph. D. (Urban Planning) Masters of Landscape Architecture	Professor	Landscape Architecture	39	Doctorate guidance to Research Scholar at Delhi University Co-guide to Ph.D. Scholar at SPA Vijayawada.
Ms. Aarti Grover	M.L. Arch B.Arch	Assistant Professor	Landscape Architecture	14	-

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, 2015	First	LA – 3,Hydrology (Theory)	1
			LA – 4, Site Planning and Landscape Engineering - I (Theory)	2
			LA – 4, Site Planning and Landscape Engineering - I (Studio)	2
			LA – 5, Landscape Architecture Studio -I	6
	Jan – May , 2016	Fourth	LA- 18, Landscape Project Management and Professional Practice	2
			LA – 20, Landscape Architecture Studio	9
Aarti Grover	July – Dec, 2015	Third	LA -12, Landscape Economics, Management and Horticultural Practice	2
			La – 15, Dissertation : Seminar	2
			LA – 16, Landscape Architecture Studio – III	12
	Jan – May, 2016	Second	LA – 8, Plants and Design (Theory)	2
			LA – 8, Plants and Design (Studio)	2
			LA – 11, Landscape Architecture Studio – II	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
Prof. Dr. Rommel Mehta	VI	Landscape Planning and Design - Physical Planning	3 hours, (Jan – May , 2016)
Aarti Grover	I	Theory Surveying and Levelling	Special Lectures 2 Nos. 14.9.15 and 21.9.15

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. Nandini Rewari	I	L.A – 5, Landscape Architecture Studio	9
Sh. Santosh Kumar	I	L.A – 5, Landscape Architecture Studio	9
Sh. Krishan C. Singal	I	L.A – 5, Landscape Architecture Studio L.A – 4, Site Planning & Landscape Engineering (Studio)	3 2
Sh. K.R. Ahuja	I	L.A – 5, Landscape Architecture Studio	6
Sh. Nikhil Dhar	I and III	L.A – 5, Professional Communication L.A- 16, Professional Communication L.A – 16, Landscape Architecture Studio – III	2 2 3
Sh. Samir Mathur	I	L.A – 5, Landscape Architecture Studio	6
Ms. Nina Rao	I	L.A – 5, Landscape Architecture Studio	3
Dr. Sushma Moitra	I	L.A – 1, Plants Systematic & Plant Processes	2
Ms. Vina Biswas	I	L.A – 5, Landscape Architecture Studio	6
Sh. Minesh Parikh	I	L.A – 5, Landscape Architecture Studio	6
Sh. Suresh Purandare	I	L.A – 5, Landscape Architecture Studio	12
Dr. Raja Prakash	I	L.A – 5, Landscape Architecture Studio L.A – 3, Hydrology	3 1
Dr. Gauhar Mahmood	I	L.A – 2, Geology L.A – 3, Geomorphology	1 1
Dr. Garima Malik	I	L.A – 2, Soils	1
Sh. Pankaj Jain	III	L.A – 16, Landscape Architecture Studio	8
Ms. Nidhi Madan	III	L.A – 16, Landscape Architecture Studio	5
Ms. Nandita Parikh	III	L.A - 13, Theory of Landscape Architecture	2
Ms. Jayashree Mahana	III	L.A – 16, Landscape Architecture Studio L.A – 15, Dissertation : Seminar	3 2
Dr. Priyaleen Singh	III	L.A – 16, Landscape Architecture Studio	3
Ms. Jasleen Kaur Waraich	III	L.A – 16, Landscape Architecture Studio	6
Ms. Poonam Saini	III	L.A – 16, Landscape Architecture Studio	3
Sh. Harbir Singh Chopra	III	L.A – 16, Landscape Architecture Studio	6
Ms. Pallavi Mohan	III	L.A – 16, Landscape Architecture Studio	9
Ms. Savita Punde	III	L.A – 16, Landscape Architecture Studio	3
Sh. Sandeep Menon	III	L.A – 15, Dissertation : Seminar	4
Sh. Madhup Majumdar	III	L.A – 16, Landscape Architecture Studio	5
Dr. Monika Koul	III	L.A – 14, Landscape Resources	2

Sh. P.S. Uttarwar	II	LA – 10, Remote Sensing, Land Information System	2
Sh. Sandeep Menon	II	LA – 8, Plants and Design (Theory) LA – 8, Plants and Design (Theory)	2 2
Ms. Jayashree Mahana	II	LA – 9, Site Planning and Landscape Engineering -II LA – 11, Landscape Architecture Studio -	2 2
Ms. Nandita Parikh	II	LA – 7, Theory of Landscape Architecture – I	2
Sh. Pankaj Jain	II	LA – 11, Landscape Architecture Studio	5
Ms. Jasleen Kaur Waraich	II	LA – 11, Landscape Architecture Studio	5
Sh. Rajesh Shukla	II	LA – 11, Landscape Architecture Studio	3
Ms. Poonam Saini	II	LA – 11, Landscape Architecture Studio LA – 8, Plants & Design (Studio)	3 2
Sh. Nikhil Dhar	II and IV	LA- 11, Professional Communication LA – 11, Landscape Architecture Studio LA – 20, Professional Communication	2 3 2
Ms. Savita Punde	II	LA – 11, Landscape Architecture Studio	3
Ms. Nidhi Madan	II	LA – 11, Landscape Architecture Studio	8
Ms. Pallavi Mohan	II	LA – 11, Landscape Architecture Studio	3
Sh. Harbir Singh Chopra	II	LA – 11, Landscape Architecture Studio	3
Sh. Madhup Mazumder	II	LA – 11, Landscape Architecture Studio	3
Dr. Monika Koul	II	LA – 6, Ecology and Ecosystem Analysis and Field Ecology	2
Sh. Suresh Purandare	IV	LA – 20, Landscape Architecture Studio	12
Sh. Krishan C. Singal	IV	LA – 20, Landscape Architecture Studio	6
Sh. Minesh Parikh	IV	LA – 20, Landscape Architecture Studio	6
Dr. Gauhar Mahmood	IV	LA – 20, Landscape Architecture Studio LA – 17, Landscape Conservation and Regional Landscape Planning LA – 19, Landscape Resources	2 1 1
Ms. Nandini Rewari	IV	LA – 20, Landscape Architecture Studio	7
Sh. Santosh Kumar	IV	LA – 20, Landscape Architecture Studio	6
Sh. Samir Mathur	IV	LA – 20, Landscape Architecture Studio	6
Ms. Vina Biswas	IV	LA – 20, Landscape Architecture Studio	5
Dr. Garima Malik	IV	LA – 17, Landscape Conservation and Regional Landscape Planning LA – 19, Landscape Resources	1 1

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

Name of the Expert	Semester	Topic	Date
NDMC Chief Engineer Sh. KK Tyagi	III	Redevelopment of Old NDMC Markets	4.8.15
Rajesh Shukla	III	Relation of Landscape with other Art Forms	3.9.15
Vijay Dhasmana	III	Walk of Aravali Biodiversity Park	October 15
Linus Lopez	II	technical lecture on External Lighting	March 16
Gauhar Mahmood	II	Watershed Management: Case of Surajkund Faridabad	24.2.16

8. Department's involvement in inter disciplinary programs in other departments and organizations:**Prof. Dr. Surinder Suneja**

- Expert member to Indian Agricultural Research Institute, New Delhi, for Master's Plan to issues the future requirement of I.A.R.I. Pusa (Min of Agriculture Government institute)
- Expert lecture to Post Graduate Students at I.A.R.I, New Delhi

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

Semester/ Year	Project Title/Topic	Description
First / 2015	Across the Metropolis	
Third / 2015	Urban Civic Space Design: Landscape design of Market Places in Delhi	Intent of Studio: <ul style="list-style-type: none"> • To study Urban Civic Spaces at Urban Design Scale with input from Experts in Urban Design and Transport
	Design for Ecotourism: Aravalli Biodiversity Park, Gurgaon	Intent of Studio: <ul style="list-style-type: none"> • To study in depth the Ecology of Aravalli Biodiversity area • basis for ecotourism designs
Second / 2016	Heritage & Cultural Landscape: Landscape Development of Surajkund Area	Aimed two objectives: <ul style="list-style-type: none"> • To propose a masterplan for the whole site including water balance in the <i>kund</i> & the site designated for cultural events and yearly fair • To suggest detailed design solution for the <i>mela</i> area

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

Roll No.	Name of the Student	Thesis Topic
LA/509	Anand Gopal	Study, Analysis and Redesign of Sanjay Lake, Mayur Vihar, New Delhi
LA/527	Sonu Kumar	Study, Analysis and Redesign of Swarn Jayanti Park
LA/529	Chitra Shinde	Makhanlal Chaturvedi National Institute for Journalism and Communication, Bhopal
LA/533	Amit Bhattacharya	Ecological Site Planning and Landscape Development for Proposed Campus Of Central University of Jharkhand, Ranchi
LA/534	Anuriti Dimri	Site Planning and Comprehensive Landscape Development Proposal for NIU Campus
LA/535	Arun Davis	Landscape Proposal for Film & Music Academy at Chennai
LA/536	Divya Rani	Landscape Development for Bhaslwa Lake Complex, Delhi
LA/537	Kapil Dilip Natawadkar	Landscape Development for Proposed Campus of Nalanda University, Rajgir
LA/538	Maneesha Keerthi Kavuri	Landscape Proposal for the Historical Precinct of Amaravathi
LA/539	Kriti Goel	Landscape Redevelopment of Tilyar Lake Tourist Complex, Rohtak
LA/540	Mohammed Uzair	Site Planning and Landscape Design Proposal for NIIT Neemrana
LA/541	Navin Verma	Site Planning and Landscape Design Proposal for IIT Gandhinagar, Gujarat
LA/542	Nichal Jacob Rajan	Landscapes for Creative Learning - Planning and Design for an International School Campus in Kolambe, Mangalore
LA/543	Pallavi Khare	Central Park as a Part of Mixed use Development in Thane, Maharashtra
LA/544	Paras Sareen	Landscape Design Proposal for IIT – Jodhpur Campus
LA/545	Rashmi P.	Habitat Design for Wildlife, Bannerghatta Zoological Park, Bengaluru, Karnataka
LA/546	Rebekah Kurien	Landscape Development along Karapuzha Dam, Wayanad, Kerala
LA/547	Ridam	Site Planning and Landscape Proposal for 'Jai Prakash Narayan International Centre' Gomti Nagar, Lucknow, U.P.
LA/549	Sandeep Kumar	Landscape Proposal for IIT Patna
LA/550	Saumya Saxena	Site Planning and Landscape Development for South Asian University Campus : Maidangarhi, Delhi
LA/551	Susan Vinu	Landscape Development of Science City, Karuvilangad, Kottayam
LA/552	Vigneswaran	Landscape Proposal for Ancient Tamil Cultural Village in Madurai, Tamilnadu

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
There is no doctoral scholar in the department at present				

12. Research thrust areas of the Department:

Prof. Dr. Surinder Suneja

Landscape Architecture with Special focus on Environmental Issues

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)
Central Zoo Authority	Prof. Dr. Rommel Mehta	Broad Guidelines on Principles of Zoo Designing Zoos in India	
NOIDA	Prof. Dr. Surinder Suneja	Identification of Plant on Mitigation small out of sewage Plants	

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)
Landscape Development of Numaligarh Refinery Township, Numaligarh/ Numaligarh Refinery Limited	Prof. Dr. Rommel Mehta	Site Planning and landscape Design of a Refinery township in North Eastern region	
Museum at Rastrapati Bhawan	Prof. Dr. Rommel Mehta	Landscape Design and Detailing	
NOIDA	Prof. Dr. Surinder Suneja	Extensive Research on medical Plants of India Landscape Design of Medicinal Garden	70 Lakhs (Approx.)
Delhi Cantonment Board	Aarti Grover	Rejuvenation of Water bodies in Delhi Cantonment	-

15. Give 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. Surinder Suneja

Book Chapter “**Urban Landscape**” in Ornamental Horticulture along with Prof. Dr. S.S. Sindhu (HOD, Landscape), I.A.R.I, New Delhi.

Aarti Grover

- Women in architecture: gap analysis and changing dynamics – Online published Paper in August 16.

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

Prof. Dr. Rommel Mehta

- Member, Recruitment Committee for Faculty, School of Architecture, Ansal University, Gurugram
- Outside Expert PG Board of Studies and Research in the Department of Architecture, DCR University of Science and Technology, Murthal (Sonapat)
- Member, Post Graduate Board of Studies,
- Chairperson, Board of Studies, SPA
- Chairperson, Doctral Research Committee, SPA
- Member of Academic Council, SPA

Prof. Dr. Surinder Suneja

- Academic Council Member of Delhi Productivity Council, New Delhi.
- Course Curriculum (Review) of Engineering Course on Environmental Issue offers by Delhi Productivity Council.

National Committee

Ms. Aarti Grover

Serving as Member PG Board in CoA

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

a) Seminars/Workshops

Prof. Dr. Rommel Mehta

- Landscape Workshop Interaction** at Department of Landscape Architecture with Department of landscape Architecture, University of Sheffield, UK on 11 January, 2016.
- Colloquium**, Department of Landscape Architecture with Faculty of Architecture & Environmental Design, International Islamic University Malaysia on 29 Feburary, 2016

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

None

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:

None

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

Departmental Board of Studies

Internal Members

1. Prof. Dr. Rommel Mehta - Chairperson
2. Prof. Dr. Mandeep Singh - Member, DOS
3. Prof. Dr. Surinder Suneja - Member
4. Ms. Aarti Grover - Member

External Members

1. Sh. Samir Mathur - Member
2. Sh. Rajnish Watts - Member
3. Ms. Nandita Parikh - Member
4. Dr. A.K. Bhatnagar - Member
5. Dr. S.P.S. Kushwaha - Member

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

1. Prof. Dr. Rommel Mehta - Chairperson
2. Prof. Dr. Mandeep Singh - Special Invitee
3. Prof. Dr. P.S.N. Rao - Coordinator Ph.D. Program
4. Prof. Dr. Surinder Suneja - Internal Member
5. Dr. Gauhar Mahmood - External Member
6. Dr. Rajiv Khanna - External Member

24. Prominent visitors to the Department of studies:

11 January 2016

- Prof. James Hitchmough - HOD, Deptt. of LA Sheffield, UK
- Andy Clayden - Senoir Lecturer, Department of LA, Sheffield, UK
- Jan Woudstra - Reader, Department of LA, Sheffield, UK
- Dr. Nicola Dempsey - Senior Lecturer, Department of LA, Sheffield, UK
- Ms. Savita Bhandari - Additional Commissioner of Landscape and EP, DDA
- Ms. Radika - Landscape Architect
- Ms. Japneet Kaur - Landscape Architect

29 February 2016

- Ar. Dato Sri Dr. Asish Abdul Rahim – International Islamic University, Malaysia
- Dr. Khalilah Zakariya – International Islamic University, Malaysia
- Prof. Dr. Ismawi Zen – International Islamic University, Malaysia

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:

Prof. Dr. Rommel Mehta was nominated as Member of Heritage Conservation Committee of the Ministry of Urban Design, Government of India.

DEPARTMENT OF REGIONAL PLANNING

1. Name of the Department

Department of Regional Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1958

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Dr. Vinita Yadav	M.A. (Geography), M. Plan, (U.P), Ph.D. (JNU), M.B.A. (Financial Management), AITP	Associate Professor Head (From 4 April 2016 onwards)	Governance, Poverty and Development, Institutional Analysis, Participatory and Inclusive Development	15	
Prof. Dr. N. Sridharan	Ph.D. (RMIT-Melbourne, Australia), M.U.R.P , P.G. Dip in Town and Country Planning(Poland), P.G. Dip. In Financial Management, M.A. (Economics), AITP	Professor		40	
Ms. Chetna Singh	M.A. (Geography) (JNU), M. Plan, (R.P) (SPA, Delhi), AITP	Assistant Professor	Regional development, Public Policies in Planning, Peri-Urban Development	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. N. Sridharan	II	Land Market	2
		Planning for Regions	1
		Studio	12
	III	Studio	12
Dr. Vinita Yadav	I	Studio	6
	III	Institutional Analysis and Governance	3
	III	Studio	6
	II	Poverty and Development	2
	II	Studio	6
	IV	Participatory and Community Planning	1
	IV	Thesis (2)	6
Ms. Chetna Singh	I	Studio	9
	III	Politics and Public Policy	1.5
	III	Studio	3

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:

Name of the Visiting Faculty	Semester	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. H. B. Singh	I	Planning History	1.5
		Studio (A)	9
Dr. Kanchan Gandhi	I	Planning Theory	1.5
		Studio (B)	12
Dr. Saket Bihari	I	Sociology	1.5
Dr. Ajinder Walia	I	Sociology	1.5
Mr. Rakesh Kapoor	I	Sociology	1.5
Prof. Dr. P. K. Choubey	I	Economics	1.5
Dr. Pranab Banerji	I	Economics	1.5
Dr. K. S. R. Sarma	I	Economics	1.5
Ms. Alpana Bose	I	Planning Technique	3
Prof. J. H. Ansari	I	Planning Technique	3
Mr. Subir Paul	I	Infrastructure	1.5

Dr. S. K. Raut	I	Infrastructure	1.5
Dr. Pushpa Pathak	I	Infrastructure	1.5
Mr. Surendra	I	Demography	1
Dr. S. K. Raut	I	Demography	1
Ms. Alpana Bose	I	Demography	1
Dr. J. B. Ghildiyal	I	GIS	1
Ms. Anuya Dighe	I	GIS	1
Ms. Aprajita Ghatak	I	GIS	1
Mr. Nitin Sharma	I	Statistical Application	1
Prof. Dr. P.K. Choubey	I	Statistical Application	1
Mr. Surendra	I	Statistical Application	1
Prof. Dr. Shovan Saha	I	Studio (A)	6
Mr. Sanjeev Saxena	I	Studio (A)	12
Prof. R.D. Surie	I	Studio (A)	6
Dr. S Velumurgan	I	Studio (A)	6
Mr. Ved Mittal	I	Studio (B)	9
Mr. B. C. Dutta	I	Studio (B)	3
Dr. Suptendu Biswas	I	Studio (B)	6
Prof. Kavass Kapadia	I	Studio (C)	3
Mr. S. S. Mathur	I	Studio (B)	9
Mr. Tanuj Kapur	I	Studio (C)	9
Ms. Shanu Raina	I	Studio	6
Prof. Dr. Atiya Habeeb Kidwai	I	Studio	6
Dr. Ajinder Walia	III	Environment and Development	3
Dr. Kiran Choker	III	Environment and Development	3
Dr. Akshaya Sen	III	Project Planning	3
Dr. Pushpa Pathak	III	Resettlement and Rehabilitation	3
Dr. Banashree Banerjee	III	Resettlement and Rehabilitation	3
Dr. Aprajita Ghatak	III	Spatial Data Infrastructure	3
Dr. S.K. Kulshrestha	II	District Planning and Rural Development	2
	II	Studio	9
	III	Studio	12
	IV	Legal Issues in Planning and Professional Practice	1
Prof V.K. Dhar	III	Studio	12
Prof. Dr. Atiya Habeeb Kidwai	II	Planning for Regions	2

Dr. Subir Paul	II	Infrastructure Management	2
Dr. Mahipal	II	District Planning and Rural Development	1
	II	Studio	9
Dr. Banashree Banerjee	II	Land Market and Management	1
Mr. Indu Prakash Singh	II	Poverty and Development	1
Dr. Kanchan Gandhi	II	Climate Change and its Impact	3
Mr. Rakesh Ranjan	IV	Financing Development	3
Dr. V. N. Alok	IV	Financing Development	3
Mr. Alok Shiromany	IV	Financing Development	3
Mr. Sanjeev Saxena	IV	Legal Issues in Planning and Professional Practice	1
Ms. Abha Joshi	IV	Legal Issues in Planning and Professional Practice	1
Dr. Anshu Sharma	IV	Participatory and Community Planning	2
Dr. Pushpa Pathak	IV	Future Regions	3
Mr. Rakesh Kapoor	IV	Future Regions	3
Prof. Atiya Habib Kidwai	IV	Thesis	9
Dr. Diya Mehra	IV	Thesis	6
Dr. Rumi Aijaz	IV	Thesis	6
Dr. Kanchan Gandhi	IV	Thesis	6
Prof. Dr. J. H. Ansari	IV	Thesis	3
Mr. K.K. Yadav	IV	Thesis	6

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

Name of the Expert	Semester	Topic	Date (s)
Dr. Surbhi Tandon	II	Gender in Public Place	27 April 2016
Dr. Abhay Kumar	II and IV	Understanding Gender and Poverty through Human Development Approach	6 April 2016
Mr. Arpan De Sarkar	II and IV	Smarter Indian Settlements and Inclusive Planning: Relevance of Participatory Approaches	9 March 2016
Dr. Mahender Sethi	II and IV	Climate Change and Urban Settlements: A spatial perspective of carbon footprint	24 February 2016
Mr. Sahil Sasidharan	II and IV	Contestations around Land: Governance, Planning and Policy-making in Delhi'	9 February 2016

Prof. Dr. Atiya Habeeb Kidwai	IV	Research Methodology	14 January 2016
Dr. Rakesh Kapoor	IV	Technical Report Writing	14 January 2016
Dr. Ghazala Jamil	III	Reframing issues of land acquisition and its social impact	3 November 2015
Dr. Alexander Follmann	III	Governing River Scopes: Analysis Urban Environmental change along the Yamuna in Delhi	15 September 2015
Mr. Pranav Singh	III	Using Mobile Technology in Planning and Monitoring	8 September 2015
Mr. Barjor. E. Mehta	III	What is required for City Planning, Management and Governance?	11 August 2015
Dr. Philippe Cadene	III	Globalisation of Large Metropolised Region: Issue of a new governance	4 August 2015
Dr. Jean-Marc Roda	III	How metropolised regions globalise their thirst for resources and energy: when regional policies and corporate policies collide?	4 August 2015
Sunanda Ponduwal	III	Youth Forum on Consensus on Sustainable Development Goals	28 July 2015

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

Dr. Vinita Yadav and Ms. Chetna Singh were involved in First Integrated Semester.

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

Semester/Year	Project Title/Topic	Description
Third semester, July-December 2015	City Region Plan for Dehradun, 2030	The purpose of studio exercise is to understand complexities of issues pertaining to socio-economic and spatial development as well as governance of City region of Dehradun and prepare its development plan integrating concerns of both urban and rural areas.

First Semester, 23 July 2015	Film Appreciation	Film screening on urban issues were organised for the students. The students answered objective type questions after each film screening followed by a debate/ discussion related to the film.
First Semester, 27th July 2015	Article Review	The students were given articles / chapters from books for review and submit a report and power point presentation.
First Semester, 28 July – 10 August 2015	Area Appreciation	The students prepare base maps and carry out primary and secondary data collection through survey of the assigned areas. The exercise requires the students to study various land uses and understand how they function together in a city.
First Semester, 11 August 2015 – 7 September 2015	Site Planning	This studio seeks to develop skills in site planning with an emphasis on diverse aspect of the area such as housing, transport, environment, infrastructure, etc. Factors such as the location and type of land uses and infrastructural facilities require to be considered along with the existing and proposed pattern of future growth. This analysis must take into account the site conditions, proposed infrastructure and the local development byelaws and development controls.
First Semester September – November 2015	Outline Development Plan for Khanna, Phagwara, Rajpura 2031	The study aims to prepare an Outline Development Plan covering aspects of regional setting, demography, economy, land-use, transportation, housing, infrastructure, environment and institutions and governance for the city or town under consideration. The students are expected to study the city in terms of its present problems and issues in order to work towards holistic future development of the city. Gaps in service delivery and identification of issues faced by the poor are also assessed.
Second Semester, January-May 2016	Integrated Rurban Cluster Action Plan for Manarcad and Puthupally Cluster	The study aims to prepare a model Integrated Cluster Action Plan for a cluster or a group of cluster in a District and link it to District Plan. It will follow the outline given by the Shyama Prasad Mukherjee Rurban Mission (SPMRM).

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/RP/1192	Altaf Hussain	Structural Backwardness in the Kashmir Valley: Planning Implications and Development strategies
SPA/NS/RP/1193	Ankita Raman	Integrated Rural Cluster Action Plan for Agricultural Development
SPA/NS/RP/1194	Bhavya Bogra	Creating a resilient city: A case study of Gurgaon
SPA/NS/RP/1195	Ch. Sravya Ratna	Impact of mining on Regional Development in Karim Nagar District
SPA/NS/RP/1196	Diki Wangmu Bhutia	Cluster Approach and Rural Development : Case Study of Sikkim
SPA/NS/RP/1198	Gangala Sandeep Kumar	Inland Waterways on Regional Development: Case study of National waterways IV (Godawari and krishna Segment)
SPA/NS/RP/1199	Raghav Bhardwaj	Transformation of Villages under Urban Influence : Dera Bassi Block, SAS Nagar
SPA/NS/RP/1200	Ruby	Industrial Development induced displacement and Resettlement strategies, IMT Manesar, Gurgaon
SPA/NS/RP/1201	Sahil Katyal	Impact of Brassware Industries on Town and its Region: Case Study of Moradabad
SPA/NS/RP/1202	Shashank Sagar	Locational Advantage of Ghaziabad and its Physical Transformation
SPA/NS/RP/1203	T. Laxmi Snigdha Rao	Water Resource Management in a Drought Prone District: A Case Study of Mahbub Nagar
SPA/NS/RP/1204	Tanya Chaudhary	Industrialization and Unplanned Development: Case Study of Faridabad
SPA/NS/RP/1157	Kumar Nishant	Industrial Urban Corridors: A Case Study of Asansol-Durgapur axis
SPA/NS/RP/1154	Rami Prashant Kr Bhanuprasad	Impact of Sardar Sarovar Dam on Narmada District

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
2010-2011	Mr. A.K. Mehta (SPA/NS/Ph.D/110)	Municipal Own Source Mobilization and Service Level Efficiency	Research Supervisor Dr. Vinita Yadav Co-Supervisor Dr. K.K. Pandey Prof. Dr. N. Sridharan	

12. Research thrust areas of the Department:

Participatory and Inclusive Development
Peri-Urban/ RurBan Development

Smart Regions

Disaster Management

13. Completed/ongoing research projects in the Department (during this year):

Name of the Project and Sponsoring Agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/Fee (Rs. In Lakhs)
None			

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)
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:

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

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

None

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

Dr. Vinita Yadav

- Attended Observer Research Foundation discussion on 'Sustainable Development Goals – The Role of Think Tanks in Policy Making' on 28 January, 2016 at 13.30 at the ORF office, New Delhi.
- Lecture on Constructing Modern India by Dr. Peter Seriver and Dr. Amit Srivasatava organized by Department of Architecture on 27 January 2016 at 2.30 p.m.
- Lecture on Cities: Happiness, Wellbeing and Urban Planning by Himanshu Shekhar from Institute for Urban Planning and Urban Design, University Duisberg-Eseen, organized by Department of Physical Planning on 21 January 2016 at 2 p.m.
- Interactive discussion and Lecture on Accessible India (Sugamya Bharat): Universal Accessibility by Dr. Victor Pineda founder of the Inclusive Cities Lab (ICL) organized by Department of Physical Planning on 19 January 2016.

- Attended orientation programme of students organized by Department of Urban Design, School of Planning and Architecture, New Delhi and University of Florence on 18 January 2016.
- Attended workshop on Landscape Architecture jointly organized by Landscape Architecture Department of SPA Delhi and University of Sheffield UK in SPA on January 11, 2016.
- Attended PHD Chamber of Commerce and Industry 5th National Summit on 'Institutionalizing Academia-Industry Interface' on 9-10 December 2015 at PHD House, New Delhi.
- Attended launch of Accessible india Campaign organised by Ministry of Social Justice and Empowerment on International Day for persons with Disabilities on 3 December 2015 at Vigyan Bhavan.
- Attended international conference on 'Smart SoCieTY' organized by India Under Construction Conference, 28 November 2015, FICCI Auditorium, New Delhi
- Lecture on 'Constitution and Planning' by Prof. Dr. Ashok Kumar followed by discussion as part of Constitution Day Celebration, organized by SPA, New Delhi, 26 November 2015.
- Talk on Geographic Information System (GIS) - Learn GIS the open source way by Ravi Chopra, Head - Geospatial Lab, IIHS, 5 November 2015.
- Lecture on 'Communication Skills' by Sh Pankaj Pachauri, Director Jaypee Business School who was earlier with NDTV, 10 October 2015.
- Attended Conference on 'CSR for Inclusive Development' organized by Governance Now and Department of Disability Affairs, Ministry of Social Justice and Empowerment of Government of India on 30 September 2015 at Hotel Le Méridien, New Delhi.
- International Conference on 'Sustainable And Inclusive Urban Development In India: Learning from International Experiences and Devising Future Strategies', Organized by Institute for Human Development (IHD), New Delhi jointly with NITI Aayog and Department of Urban and Regional Planning, University of Florida, New Delhi, 1-3 August 2015.
- Lecture on 'Working in Mumbai' by Rahul Mehrotra, Architecture Auditorium, 31 July 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 Members		
1.	Dr. N. Sridharan	Department of Regional Planning, SPA Delhi
2.	Dr. Vinita Yadav	Department of Regional Planning, SPA Delhi
External Members		
1.	Dr. S.P. Bansal	1/5 Shabd Pratap Ashram Laskhar, Gwalior-474012

2.	Prof. Dr. Binayak Choudhary	Department of Planning School of Planning and Architecture Sport Complex Maulana Azad National Institution of Technology Bhopal-462051
3.	Dr. S.K. Kulshreshtha	AO-27, Kala Kunj, Shalimar Bagh, Delhi-110088

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

Internal Faculty			
1	Prof. Dr. P.S.N. Rao	Co-ordinator	SPA, Delhi
2	Prof. Dr. N. Sridharan	Member	SPA, Delhi
3	Dr. Vinita Yadav	Member	SPA, Delhi
External Faculty			
1	Prof. Shrawan Acharya	Member	Center for the study of Regional Development
2	Dr. Partha Mukhopadhyay	Member	Centre for Policy Research
3	Prof. Dr. K. K. Pandey	Member	IIPA, Delhi

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:

None

27. Any other information:

None

DEPARTMENT OF TRANSPORT PLANNING

1. Name of the Department

Department of Transport Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1969

4. Faculty profile:

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of Years of Experience	Remarks if any
Prof. Dr. P.K.Sarkar	B.E. (Civil), P.G. Dip. T and CP (TTP), M.Sc. Transport Engg. (U.K.), Ph.D MIHT (UK), AITP, MIE (India) MIRT, MIUT, Fellow Institute of Surveying (India)	Professor in Transport Planning Department	Transportation Planning Modeling, Traffic Engineering, Road Safety, Economic and financial feasibility, Public Transport Planning, Intelligent Transport System, Transport Policy	38	Head, Transport Planning
Prof. Sanjay Gupta	M.Sc., M.TP, Ph.D., FITP, Commonwealth Academic Fellow (U.K)	Professor of Transport Planning	Public Transport Freight Logistics, Transport Policy, Travel Behaviour, Transport Analysis Modeling and Planning, Climate Change	30	Also Head, Urban Planning Deptt. since 1st January 2016

Prof.Dr. Sewa Ram	B.Tech. (Civil) IIT Delhi, M.Planning (Transport), Ph.D.	Professor of Transport Planning	Transport Infrastructure Design, Traffic Engg. Geometric Design, Capacity of roads and Intersection	26	23 years as full time faculty
Sh. Bhaskar Gowd Sudagani	B.Tech Civil M. Plan Transport Planning	Assistant Professor	Engineering Economics, High Planning and Design, Urban Transport planning	8	6 years as full time faculty

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. P.K. Sarkar	II	Urban Transport Planning,	3
	II	Planning and Design Studio,	3
	IV	Thesis Guidance	4
	III	Analytical Transport Planning	3
		Intelligent Transport System	1
		Design Studio	3
Prof. Dr. Sanjay Gupta	II	Public Transport Planning (Theory)	3
	IV	Thesis Guidance	2
	III	Logistics and Distribution Management	3
		Ph.D Research Guidance	
Prof.Dr. Sewa Ram	II	Traffic Engineering	3
		Design Studio	5
	III	Transport Infrastructure Design	3
		Road Safety and Environment	1
		Design Studio (Engineering)	6
	IV	Thesis Guidance	5
Sh. Bhaskar Gowd Sudagani	III	Planning and Design Studio (Economics and Management)	8
	III	Engineering Economics	1
	II	Planning and Design Studio (Transport Plan)	10
	IV	Transport Policy Legislation and Institutional Framework	1
	IV	Thesis Guidance	5

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	VIII Sem Physical Planning Deptt	Thesis Guidance	3
	I Sem Int. program	Design Studio	2
Prof. Dr. Sanjay Gupta	VIII Sem Physical Planning Deptt	Thesis Guidance	3
	IV UP Deptt	Thesis Guidance	3
	III UP Deptt	Design Studio	4
	I Sem Int. program	Design Studio	2
	I Sem Int. program	Design Studio	2
Prof. Dr. Sewa Ram	B. Planning	Thesis Guidance	4
	I Sem Integrated program	Infrastructure and Transport subject	1.5
	III UP Deptt	Transport Infrastructure	8 hrs. in sem
	I Sem Int. program	Design 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 per Week
Dr. Devesh Tiwari	II	Lecture	3
Dr. Rajesh Chandra	II	Studio	5
Sh. Y. P. Sachdeva	II	Studio	6
Ms. Viashali	II	Studio	6
Dr.S.Gangopadhyay	II	Studio	5
Sh. Sharad Mohindru	II	Studio	3
Mr. Sairam Dasari	II	Studio	3
Mr.Tarun Songra	II	Studio	3
Mr.Prabhu	II	Studio	3
Mr. Bhanu	II	Studio	3
Ms. Nimisha Paul	II	Studio	3
Dr. S M Sarin	III	Lecture	2

Sh. S. R. Anjaneyulu	III	Lecture	3
Dr. L R Kadiyali	III	Lecture	2
Dr. P. R. Lakshmikanthan	III	Studio	3
Mr. Tarun Songra	III	Studio	3
Mr. Sai Ram	III	Studio	3
Mr. Y P Sachdeva	III	Studio	6
Mr. D. Sanyal	III	Studio	3
Mr. Anupam Vibhuti	III	Studio	3
Mr. A S Lakra	III	Studio	3
Mr. Piyush Kansal	III	Studio	3
Ms.Nimisha Paul	III	Studio	3
Mr. Mushkur Ahmed	III	Studio	3
Ms.Vaishali	III	Studio	3
Dr. G.C Tripathi	IV	Lecture	3
Mr. M L Chotani	IV	Lecture	1
Ms. Anjali Agrawal	IV	Thesis	6
Mr. Popli	IV	Thesis	6
Mr. Nair	IV	Thesis	6
Ms. Mukti Advani	IV	Thesis	6
Mr. Piyush Kansal	IV	Thesis	6
Mr. Amit Jain	IV	Thesis	6
Dr. Ravi Shekar	IV	Thesis	6
Dr. S.Velumurugan	IV	Thesis	6
Ms. Kanika Kalra	IV	Thesis	6
Dr. E. Madhu	IV	Thesis	6
Sh. A.S. Lakra	IV	Thesis	6
Mr. Anupam Vibhuti	IV	Thesis	6
Dr. Sandeep Garg	IV	Thesis	6
Dr. Rajesh Chandra	IV	Thesis	3
Dr.S.Gangopadhyay	IV	Thesis	3
Dr. Nadim	IV	Thesis	6
Dr. R S Minhas	IV	Thesis	6
Dr. Anuradha Shukla	IV	Thesis	6
Mr. Samir Sharma	IV	Thesis	6
Mr. Anil Shukla	IV	Thesis	6

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

Name of the Expert	Semester	Topic	Date
Dr. RS Minhas	IV	An approach bus transportation planning including maintenance operation in Delhi urban area	11-3-16
Sh. RM Nair	IV	Inland Water Ways	21-3-16/22/3-16
B.I. Singal	IV	National Urban Transport Policies	1-4-16
DP Gupta	IV	Road Transport Policies in India	4-4-16
DP Gupta	IV	Institutional framework in Road Development in India	5-4-16

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

1.	Prof. Dr. P.K. Sarkar	Associated in the Physical Planning and First Semester Planning	Thesis Guidance and Studio Guidance
2.	Prof. Dr. Sewa Ram	Associated in the first Semester Planning. . Planning and Urban Planning	Studio and Lecture and Thesis Guidance
3.	Sh. Bhaskar Gowd Sudagani	Associated in the first Semester	Studio

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

Semester/Year	Project Title/Topic	Description
Second	Preparation of Comprehensive Mobility Plan for Gandhinagar, Gujrat	Gandhinagar administrative capital of Gujrat with a area of 87.5 sq km was taken up for preparation of Smart Mobility plan. The city is well connected by road and rail and planned in grid iron form with 30 sector along with Sabarmati river and housing a population of more than 2 lakh as per 2011 census. A number of transportation studies were carried out to estimate the base and future year travel demand. The four stage transport models were developed as a part of this exercise to estimate the travel demand. A future total demand of more than 2 million trips was assigned on the best alternative network to ensure safe and efficient movement of traffic. High demand of travel necessitated the formulation of transport proposals such as PRT and MRKTS along with the integration of non-motorized transport.

Third	Economic revolution of BRT corridor.	<p>The 16 BRT corridors as proposed by RITES were considered for the study. Finally 14 corridors in general were selected for the study. The appreciation of of these corridors was made to assess their potential to make as BRT corridor. The key of objectives of the project are as under:-</p> <ol style="list-style-type: none"> I. To assess the travel demand for the BRT corridor. II. To asses to performance of the parameters of BRT. III. To conduct economic feasibility study of the proposed BRT corridor in Delhi Urban Area. <p>These corridor was finally were ranked to carry out the economic feasibility. Following corridor was studied in detail to workout economic and finical analysis supported with preparation of conceptual design for the above case study. The stretch of the corridor selected runs between Uttam Nagar and Mukundpur for a length of 18 km</p>
Third	Preparation for traffic of Lajpat Nagar at Central Market Area.	<p>The study was taken up to address a severe traffic problem at Lajpat Nagar central market area. Which happens to be one of the largest commercial market in Delhi. A number of traffic studies were carried out to assess nature and manipulate of the traffic problems. The primary objective of the study was to improve the traffic condition of that area through implementation of traffic management plan. In order develop a feasible traffic management plan various techniques under travel demand management and traffic management were reviewed. Based on the extensive data collected, an attempt was made to forecast the future traffic to be assigned to the proposed network. Primary data such as traffic volume count, origin destination survey, household travel survey, speed & delay survey, parking survey, pedestrian survey, establishment survey, IPT operator PT user survey along with goods terminal survey were conducted at the selected locations in the study area. It was estimated a total trips of the order of 40 thousands trips excluding the through trips were generated daily in the Lajpat Nagar area. Parking study reveals that more than 60 person vehicle are parked more than 4 hours in a day resulting in the reduction of the carriage way that is the primary source of the traffic congestion. Based on the evaluation of a number of alternative proposals, the best feasible traffic management was recommended for implementation.</p>

Third	1. Planning for Public Transportation System in Dwarka Sub-city, New Delhi	<p>The existing transport system inside Dwarka predominantly comprises of Auto rickshaws and cycle rickshaws while few buses which operate to and from Dwarka to other parts of the city. Delhi Metro (Blue Line) provides inter and intra-city connectivity to the sub-city through its 10 stations to the residents. The major objectives of the study are the following:</p> <ol style="list-style-type: none"> i. To assess the existing public transport system characteristics In Dwarka ii. To assess the existing public transport demand patterns and estimate the likely demand for public transport in future. iii. To develop the bus route networks and determine bus supply for existing and future public transport demand including operation plan <p>There is no organised intra-city public transport system in Dwarka such as buses in the absence of which the residents are dependent on hired inefficient modes hampering their intra-urban mobility.</p> <p>The Public transport Plan proposed included developing various options related to routes, depot & terminal locations, fleet size in different phases, operation timings and scheduling etc. Further an impact of this system has been calculated in terms of reduced vehicular emissions with broad capital cost estimation for the project.</p>
Third	<p>1.Design of Metro alignment from Mumbai to Navimumbai,CBD Belapur</p> <p>2. Extension of Bara Pula corridor to Airport ,Delhi</p>	<p>Objective of the studio exercise was to prepare detailed alignment plan of Metro connecting Mumbai to Belapur, Navi Mumbai. Based on travel demand generation points ,different alignment options were studied and later horizontal, vertical profile and detailed stations design were prepared.</p> <p>Alignment of extension of Bara Pula corridor beyond INA to Airport was studied with a view to design most feasible alignment connecting between eastern side of Delhi to Western side. The proposed corridor is expected to relieve the existing Ring Road and provide direct connectivity from eastern side of Delhi to Western side and uninterrupted connection to Airport.</p>

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

Roll No	Name of the Students	Title of Thesis
SPA/NS/TP/538	AbhishekArora	Design Imperatives for Physically Challenged at Mid Block and Intersection in Urban Roads.
SPA/NS/TP/539	Ankur Dixit	Life Cycle Cost of Highway Assets.

SPA/NS/TP/540	Anu K. Soman	Exploring full Development Potential for IWT. For Alleppeyey, Kerala
SPA/NS/TP/541	Aparna	Benchmarking for Planning of Bicycle Traffic.
SPA/NS/TP/542	AritraChatterjee	Study of Travel Behaviour of Residents using Activity Based Modeling.
SPA/NS/TP/543	ArkaKanungo	Modernization of Medium High Capacity system in Metropolitan City., A Case Study, Kolkata
SPA/NS/TP/544	DeshmukhAsmitaGajanan	Study of pedestrian behaviour in different landuse activities.
SPA/NS/TP/545	DikshaSrivastava	Optimisation of feeder service for Delhi Metro Systems.
SPA/NS/TP/546	Kishan Kumar	Travel Time Reliability for Interurban Movements.
SPA/NS/TP/547	Manoj Kumar	Planning for Smart Public Transport Systems – Case Study Jamshedpur.
SPA/NS/TP/548	Monika Singh	Freight Distribution in Urban Rail Corridor.
SPA/NS/TP/549	Narendra Singh Verma	Development of Mobility Card for CMP in a Metropolitan area.
SPA/NS/TP/550	NethajiVigneshwar P.	Urban form and Public Transport System
SPA/NS/TP/551	Rahul Kapoor	Capacity Estimation for Roundabouts.
SPA/NS/TP/552	Rahul Singh	Conflict Analysis under Heterogynous Traffic Flow at Roundabout.
SPA/NS/TP/553	Rohan Mahanta	Prediction of Traffic Noise for Urban Roads.
SPA/NS/TP/554	Rohit Anand	Benchmarking productivity of Railway Station.
SPA/NS/TP/555	Saloni Gupta	Potential of freight transport through IWT
SPA/NS/TP/556	Sayak Nag	Planning for Interchange facilities at International Airport.
SPA/NS/TP/557	Shawon Aziz	Methodology for prioritization of Road Safety Program.
SPA/NS/TP/558	Shivam Arora	Transport Mobility Plan for Tourists in Religious cities.
SPA/NS/TP/559	Shubham Khaitan	Estimation of Travel Demand for High Speed Rail
SPA/NS/TP/560	Swetha Sanaboina	Demand Assessment for Proposed Capital Complex.
SPA/NS/TP/520	Mohd. Faraz	Strategies and programs for carpool scheme as a major alternative to address congestion and pollution in Delhi Metropolitan area

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	Amit Arora	Impact of land use, socio economic conditions and availability of transport systems on travel behavior at neighborhood level	Prof. Sanjay Gupta	The draft final thesis report to be submitted.
2012	Sh. Amit Kumar Jain	Easing Peak Hour Traffic Congestion of Metro rail through Demand and supply Management strategies	Prof. P.K. Sarkar	The final report to be submitted.
2012	Ms. Anjali Goyal	A new Investment Model for High Speed Rail in India	Prof. P.K. Sarkar	In Advanced stage of completion
2014	Bhaskar Gowd Sudagani	Effect of Driver behavior on Capacity of Roundabout	Dr. Sewa Ram and Prof. Dr P.K.Sarkar	Satisfactory progress
2014	Suhail Ali Khan	Benchmarking Performance of Multimodal Integrated Public Transport Interchanges	Prof. Sanjay Gupta	Satisfactory progress
2014	Mayank Dubey	Traffic flow characteristics on Merging and Diverging Section	Dr. Sewa Ram and Prof. Dr P.K.Sarkar	The final report submitted to the examiners.
2015	Ammu G	Composite level of service for signalized Intersection	Dr. Sewa Ram and Prof. Dr P.K.Sarkar	Satisfactory progress
2015	Chidambara	A comprehensive approach to last mile connectivity for public transport system	Prof. Dr. Sanjay Gupta	Satisfactory progress
2016	Swarup Mukherjee	A Rational Approach In Urban Transport Investment Policy In India.	Prof. P.K. Sarkar	Initial stage

12. Research thrust areas of the Department:

- (i) Intelligent Transport System
- (ii) Sustainable Transport System
- (iii) Highway Capacity
- (iv) Climate change and urban transport
- (v) Urban Freight Logistics
- (vi) 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 – CRR	Prof. Dr. PK Sarkar Dr. Sewa Ram Sh. Bhaskar Gowd Sudagani	Capacity Standards for Urban Roads, Roundabout and pedestrian facilities.	Rs. 100. Lakhs
CLIMATRANS, Institute of Transport Economics, Norwegian Centre for Transport Research (Ongoing)	Prof. Dr. Sanjay Gupta (coordinator) Ms. Sandhya Dameniya (Research Associate)	Coping with climate: assessing policies for climate change and its adoption in transport sector mitigation in Indian cities.	Rs.60.00 lakhs (total) over 2014-17

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 of MG road, PWD Agra	Prof. Dr. Sewa Ram (Team Leader), Prof. Dr. Sanjay Gupta	Corridor improvement plan –Short Term and Long Term	1.5
Ahmedabad- Dholera Metro Ridership modelling- RITES (completed)	Prof. Dr. Sanjay Gupta (Leader) Dr. Sewa Ram	Metro Ridership assessment	Rs 4.75 lakhs

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

Prof. P.K.Sarkar

Paper Publications in Journal:

- 1) ‘Elasticity Analysis of Effect of Economic Parameters on Travel Demand in Delhi, India’ published in March, 2016 edition of International Journal of Scientific Research
- 2) ‘Demand Elasticity of Capacity offered for Urban Rail Transport’ accepted for publication in Journal of transportation technologies (JTT) in July 2106
- 3) ‘Demand & Supply Strategies to Ease Peak Hour Congestion in Metro Rail Transport System’ published in International Journal for Scientific Research & Development | Vol. 4, Issue 02, 2016 | ISSN (online): 2321-0613
- 4) ‘Elasticity Model for Easing Peak Hour Demand for Metrorail Transport System’ published in International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering 7, July 2016

- 5) Demand estimation of Personal Rapid Transit (PRT) using stated preference technique and binary logit models. *Journal of Transport Literature* Vol 10(2), (<http://dx.doi.org/10.1590/2238-1031.jtl.v10n2a1>), (July 2015).
- 6) Potential of personal rapid transit system to meet the urban transport deficit. *International journal for traffic and transport engineering (ijtte)*, Vol 6(3). (Aug 2016).
- 7) A Methodological Framework to Estimate GHG from Travel Pattern on Tyne and Wear of Newcastle , UK with Various Policy Options using Fuzzy Logic Model Split Model,” published in *International Journal of Engineering Science Invention* ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org || Volume 4 Issue 10 || October 2015 || PP.01-12
- 8) “Pedestrian Warrants For Developing Countries By Simulation Approach” published in the 7th International Conference on Ambient Systems, Networks and Technologies, 1877-0509 © 2016 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license, (<http://creativecommons.org/licenses/by-nc-nd/4.0/>),, *Procedia, Computer Science*, Elsevier.
- 9) An approach for assessment of weaving length for mid block traffic operations, *International Journal for Traffic and Transport Engineering (IJTTE)*, ISSN 2217-544X (print), September 2015(Co-Author).
- 10) Correction Factor For Fundamental Equation of Traffic Flow along Merging Section in Mixed Traffic Conditions; *Urban Transport Research Journal - 2015*; ISSN 2394-3238(Co-Author)

Book Chapter:

Prof. Dr. P.K. Sarkar

i. Book Chapters

Urbanization to be the Process of Sustainable with a Focus of Kolkata, Case Study of Delhi Metro published in book titled “ CITIES: The 21st Century India” edited by Satpal Singh, published by Bookwell Delhi , Aug. 2015

- ii. A System Approach to Urban Transport Planningf “ CITIES: The 21st Century India” edited by Satpal Singh, published by Bookwell Delhi , Aug. 2015

Prof. Dr. Sanjay Gupta

Paper Publications

- i. Potential of NMT as last mile sustainable transport option to mass transit stations in a metropolitan city- Delhi, *Urban Transport journal*, Vol. 14, No.1, Oct 2015 , ISSN 2394-3238, published by Institute of Urban Transport (India) (co –author)
- ii. Planning strategies for low carbon mobility in a proposed special economic zone (SEZ) in Kotchi, *Urban Transport Research Journal* , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author)
- iii. Application of fractal analysis for evaluation of road network in urban areas, *Urban Transport Research Journal* , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author).
- iv. Freight Generation Characteristics in a metropolitan city of Hyderabad, *Urban Transport Research Journal* , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author)

Book Chapters

- i. Best Practices in Urban Freight : An Overview of Selected National and International Experiences, published in book titled “ *Reforming Urban Transport in India- Issues and Best Practices*” edited by Dr. M Ramchandran, published by COPAL publishing, October 2015
- ii. Impact of Metro Rail Transit on Mobility Pattern of Metropolitan City: Case Study of Delhi Metro published in book titled “ *CITIES: The 21st Century India*” edited by Satpal Singh, published by Bookwell Delhi, August 2015.

➤ **Prof. Dr. Sewa Ram**

Publication in peer reviewed journals

- I. An approach for assessment of weaving length for mid block traffic operations, International Journal for Traffic and Transport Engineering (IJTTE), ISSN 2217-544X (print), September 2015 (Co-Author).
- II. Correction Factor for Fundamental Equation of Traffic Flow along Merging Section in Mixed Traffic Conditions; Urban Transport Research Journal - 2015; ISSN 2394-3238 (Co-Author).

Book Chapters

1. **Traffic Engg. Published by IAHE, ARRB**

Details of other publications made by regular faculty of the Department:

➤ **Prof. P.K.Sarkar**

- (i) Benchmarking of Personal Rapid Transit System (Dynamic Model). Transportation Research Proceedia - WCTRS Conference, Shanghai China. (July 2016 - In Press).
- (ii) Sensitivity Analysis for Personal Rapid Transit System. (Dec 2015), Presented in 3rd CTRG, Kolkata.
- (iii) A Mechanism for Generation of Road Safety Fund, A Case Study: Kerala State, India, paper presented and published at World Road Conference, Nov, 2015, Seoul, South Korea.
- (iv) AN APPROACH TOWARDS SMART BUILDING DESIGN FOR SMART CITIES, presented and published at A SEMINAR of “ARCHITECTURE and Smart City Mission “NORTHERN harayana, punjab, himachal pradesh, UP and uttarkhand, 11-12 April New Delhi.
- (v) Behavior of traffic flow parameters for varying geometric variables of mid-block merging sections, World Conference on Transport Research - WCTR 2016 Shanghai. 10-15 July 2016.

Prof. Dr. Sanjay Gupta

- i. Published an issue of ” Urban Transport Journal Vol. 14, No.1, Oct 2015 ISSN 2394-3238 “ and “Urban Transport Research Journal ISSN 2395-2492, Nov. 2015 “ in the capacity as Chairman, Publication Committee of the Institute of Urban Transport , India

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

Prof. Dr. P.K.Sarkar

a) International Committees

- i)** Member ARSC2015 Reviewers Committee, Australia
- ii)** Member of the Scientific Core Committee of World Road Congress
- iii)** Member of Technical Committee of International Road Federation

b) National Committees

- i)** Member, Assessment Committee, Council of Scientific Research, New Delhi
- ii)** Member of Assessment Committee, Central Road Research Institute
- iii)** Member, Technical Committee H8 on Urban Roads, Indian Road Congress, New Delhi
- iv)** Member of Evaluation Committee of DMIC Corporation, Govt. of India
- v)** Member of Implementation, Monitoring and Research Activities Committee of IRC, New Delhi.
- vi)** Member of Highway Research Committee (HRB) of IRC
- vii)** Member of Highway Specifications and Standards Committee of IRC Member of Governing Council, International Road Federation, Indian Chapter
- viii)** Member of Institute of Urban Transport (India)

(c) Editorial Boards

- I.** Reviewer , TRB, Washington DC, US
- II.** Reviewer of Indian Road Congress, New Delhi
- III.** Reviewer Research Symposium UMI

(d) Any Other

- i)** Member of International Road Federation (IRF)
- ii)** Fellow of Institution of Surveying, India
- iii)** Life Member of Rail Transport
- iv)** Life Member of ITPI, India
- v)** Member of Indian Road Congress
- vi)** Life Member of Institute of Urban Transport

Other committees

- i.** Reviewer in Publication Committee at Indian Road Congress
- ii.** ARSC2015 Reviewers Committee, Australia

Prof. Dr. Sanjay Gupta

(a) International Committees

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

(b) National Committee

- i)** Member, Expert Appraisal Committee (EAC) – Infra II, Ministry of Environment, Forest and Climate Change, GOI
- ii)** Member, State Level Expert Appraisal Committee (SEAC), Department of Environment, Govt. of Delhi
- iii)** Member, Selection Committee Jury for National Awards in Urban Transport (2015), Ministry of Urban Development, GOI
- iv)** Member, Evaluation Committee, Institute of Town Planners, India

(c) Editorial Boards

- i)** Chairman, Publication Committee, Institute of Urban Transport (I)
- ii)** Member, Editorial Board of Spatio-Economic Development Record (I)
- iii)** Member, SPACE Journal, School of Planning and Architecture, Delhi

(d) Any other

Prof. Dr. Sanjay Gupta

- i)** Fellow Member, Institute of Town Planner, India
- ii)** Member, Institute of Transportation Engineers Inc. (U.S)
- iii)** Member, World Conference on Transport Research Society (WCTRS)
- iv)** Member, Transportation Planning Society (U.K)
- v)** Member, International Association of Travel Behaviour Research (IATBR)
- vi)** Member, World Society for Transport and Land Use Research (WSTLUR)
- vii)** Life Member, Institute of Urban Transport (India)
- viii)** Member, Chartered Institute of Logistics & Transport (India)
- ix)** Life Member, Indian Roads Congress
- x)** Life Member, Institute of Rail Transport, India
- xi)** Member, Research Board, Institute of Urban Transport (India)
- xii)** Life Member, Association for Transport Development, India
- xiii)** Member, Indian Institute of Public Administration (IIPA)
- xiv)** Member, Indian Institute of Remote Sensing

Prof. Dr. Sewa Ram

- I. Associate Member, Institute of Town Planner, India.
- II. Life Member, Indian Roads Congress.
- III. Life Member Institute of Urban Transport (India)

(c) Editorial Boards

- I. Reviewer, IENG Singapore.
- II. Reviewer , TRB
- III. Reviewer, CTRG
- IV. Reviewer Research Symposium UMI

c) National Committees

- i)** Member, H7 committee ,IRC
- ii)** Member of Assessment Committee, CSIR-CRRI
- iii)** Member, Technical Committee H8 on Urban Roads, Indian Road Congress, New Delhi

(d) Any Other

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

Prof. Dr. P.K. Sarkar

(a) International Conferences/Workshops/Seminars (Held outside India)

- i)** International conference of 25th world road congress Seoul 2-6 Nov, 2015
- ii)** International Conference on WCTR, Shanghai, 10th July, 2016

(b) National Conferences/Seminars/Workshops

- i)** Speaker on the subject Clean Air at Conference on clean & Green Transport for Delhi-NCR on 8th July, 2016.
- ii)** Key note speaker on smart transportation at national seminar on smart cities organized by association of consulting engineers, agra and agra chapters of institution of of engineers and institution of public health engineers, 19 november, 2015, agra
- iii)** Chairman at technical session, Urban Mobility India, Manekshaw Centre, Delhi (24-27) Nov, 2015.
- iv)** Operation Maintenance and Tolling in Road Sector in Le Meriden New Delhi (26-27) Oct, 2015.
- v)** 2nd UITP India Bus Seminar, Smart and Sustainable Bus Solutions (29-30) March, 2016 New Delhi.
- vi)** Leadership summit (4-5) Dec, 2015.
- vii)** Speaker 6th Task ... meeting development of Indian highway capacity Manual (Indo-HCM) on 7-8th Aug, 2015.

viii) Fourth National review of workshop of Indian Highway Capacity Manual (3-5) March, 2016.

(c) Training Program

- i) PTV, Group Sunvotech Training.
- ii) Delivered lectured on workshop: Demo corridor Renugunta Kadapa Corridor on Road Safety.
- iii) Delivered lecture on Road Safety at Indian Academy of Highway Engineers.

(d) Chairperson/Member of Panels

- i) Member in Research symposium on UMI conference, Nov. 2015, IUT New Delhi
- ii) Chairman of Inquiry Committee, SPA New Delhi
- iii) Member in the Recruitment and Assessment/Promotion Panel at CRRRI & CSIR
- iv) Member in the Recruitment Panel at Delhi Mumbai Industrial Corridor Development Corporation, Delhi

e) Invited Panelists/Experts/Jury Member

- i) Jury Member to conduct thesis examination for M. Tech Thesis at SVNIT Surat, July 2015
- ii) Chairman ii) at Research Symposium “ Road Safety”, Urban Mobility India, Manekshaw Centre, Delhi (24-27) Nov, 2015.
- iii) Speaker 6th Task ... meeting development of Indian highway capacity Manual (Indo-HCM) on 7-8th Aug, 2015.
- iv) Fourth National review of workshop of Indian Highway Capacity Manual (3-5) March, 2016.

(f) Participation Only

- i) Third National Review workshop of Indo-Highway Capacity Manual at CRRRI in May, 2015
- ii) Regional Workshop on Indo-Highway Capacity Manual at IIT, Mumbai, 2016
- iii) Workshop on Sustainable Transport for Sustainable Cities, Urban Mobility India Conference & Expo 2014, Delhi, 25-28th November, 2015
- iv) Attended a workshop on Road Safety conducted by World Bank at IIT Delhi, 22nd May, 2015.
- v) Attended a Conference on Operation, Maintenance and tolling in Road Sector on 30th October, 2015.

Prof. Dr. Sanjay Gupta

- I. Presented a paper as key invited speaker on main conference theme of International Conference on Smart Mobility for Smart Cities organised by CII, 5th Oct 2015 Delhi.
- II. Presented a paper on “Planning for First And Last Mile Connectivity of Mass Transit Users In Urban Areas” UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*).
- III. Presented a paper on “Implication Of Smart Growth Strategies In Residential Neighbourhoods On Sustainable Mobility - Case Study Delhi” UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co- authored*).

- IV. Presented a paper on “Public Transport Development Strategies for Emerging Metropolis- A Case of NOIDA” UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*).
- V. Presented a paper on “Revitalization Strategies For Urban Circular Railway System in a Metropolitan City: Case Study-Kolkata” UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*).
- VI. Presented a paper on “Sustainable Urban Freight Distribution Strategy for Metropolitan City of Koch” UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co a-authored*).
- VII. Presented a paper on “Mode Choice Behaviour of Shippers in Regional Freight Movement, Case Study: Kerala “, 3rd Conference of Transportation Research Group of India, Dec. 2015, Kolkata (*co-authored*).
- VIII. Presented a paper as invited key speaker on “Transit Oriented Development”, ITPI Annual Congress, Raipur 9th Jan. 2016

Prof. Dr. Sewa Ram

(a) International Conferences/Workshops/Seminars (Held outside India)

- i) International conference on” Powered Two wheeler” 18 Feb, 2015

(b) National Conferences/Seminars/Workshops

- i) Chairman at Research Symposium “ Traffic Management”, Urban Mobility India, Manekshaw Centre, Delhi (24-27) Nov, 2015.
- ii) Leadership summit (4-5) Dec, 2015.
- iii) Speaker 6th Task ... meeting development of Indian highway capacity Manual (Indo-HCM) on 7-8th August 2015.
- iv) Fourth National review of workshop of Indian Highway Capacity Manual 3-5 March, 2016.

(c) Training Program

- I. Delivered lectured on workshop: Demo corridor Renugunta Kadapa Corridor on Road Safety.
- II. Delivered lecture on Road Safety at Indian Academy of Highway Engineers.

(d) Chairperson/Member of Panels

- i) Chairman in Research symposium on UMI conference, Nov. 2015, IUT New Delhi
- ii) Member in the Recruitment and Assessment/Promotion Panel at CRRRI and CSIR

f) Invited Panelists/Experts/Jury Member

- i) Jury Member to conduct thesis examination for M. Tech Thesis at IIT Delhi July 2015.
- ii) Jury Member Ph.D Examination XLRI Jamshedpur.

(g) Participation Only

18. Seminars or workshops attended by the faculty of the Department: International (Held outside India).

Prof. Dr. P.K. Sarkar

(a) International Conferences/Workshops/Seminars (Held outside India)

(b) National Conferences/Seminars/Workshops

- i) (Dec 2015), Presented in 3rd CTRG, Kolkata.
- ii) Workshop on Bus Transport organized by DIMTS, Delhi in 2015.

(c) Presentation of Paper

- i) Behavior of traffic flow parameters for varying geometric variables of mid-block merging sections, International Conference in Colombo, Sri Lanka
- ii) Benchmarking of Personal Rapid Transit System (Dynamic Model). Transportation Research Proceedia –
- iii) Sensitivity Analysis for Personal Rapid Transit System, Transportation Research Proceedia –

(d) Chairperson/Member of Panels

- I. Chairman of subcommittee of H-8 of IRC for the preparation ITS Manual Member of H-8 Committee at Indian Road Congress
- II. Member of Delhi Mumbai Industrial Corridor Corporation Committee
- III. Vice President of Institute of Urban Transport, MoUD

(e) Participation Only

Prof. Dr. Sanjay Gupta

(a) Chairperson/Member of Panels

- i) Chaired technical research symposium session on “ Public Transport Planning” at Urban Mobility India 2015 International Conference, New Delhi , Nov. 2015

(b) Participation Only

- i) International Conference and Exhibition on Public Transport Innovation organised by ASRTU, in New Delhi , Aug. 2015
- ii) International Conference on “Sustainable and Inclusive Urban Development in India: Learning from International Experiences and Devising Future Strategies” organised by Institute for Human Development (IHD), Delhi, August 2015
- iii) National Consultation workshop on NAMAs (Nationally Appropriate Mitigation Actions) in India. Organised by TERI and Shakti Foundation on 27th August 2015 , Delhi
- iv) National Consultation Workshop on Draft Rules of the Road Regulations organised by the IRTE and the Ministry of Road Transport & Highways ,IRTE’s College of Traffic Management , 5th August 2015
- v) Workshop on Green Freight India Working Group (GFIWG) organized by Clean Air Asia, 11th Sep. 2015
- vi) Workshop on “Dust Control Measures to Control Area Pollution” organized by Department of Environment NCTD, Oct 2015, Delhi
- vii) CLIMATRANS project meeting organized by IISc. Bangalore, Bangalore, Nov. 2015

- viii) Conference on Need of Environmentally Sustainable Urban Transport System in India” organised by PHD chamber of commerce and industry, Delhi, 2nd March 2016
- ix) WRI 4th annual conference on CONNECTKaro 2016 organised by EMBARQ , Delhi, April 2016.

(c) Invited Panelists/Experts/jury Member

- (i) Invited as an examiner for Masters students thesis evaluation at M. Tech dissertation viva-voce , SVNIT Surat, Aug 2015
- (ii) Invited as jury member in Selection Committee for best award in Urban Transport, MoUD GOI, Delhi, Sep.2015
- (iii) Invited as an expert at interactive Workshop on “Leaders Programme in Urban Transport Planning and Management” , Delhi , Sep . 2015
- (iv) Invited as member of Expert Review Committee for the “Study on Child Friendly Urban Mobility” , Institute of Urban Transport (India) , Sep. 2015
- (v) Invited as a panelist on panel discussion on Modernisation of Railway Stations in India organized by Institute of Rail Transport (India), Rail Bhavan, Delhi 14th Dec. 2015
- (vi) Invited as panelist on Panel Discussion and Workshop on Sustainable Freight Transport and Logistics - Challenges and Way Out, CTRG conference, Kolkata, Dec 2015
- (vii) Invited as a Panelist at National workshop on Transit Oriented Development (TOD Non-Motorized Transportation Plan (NMT) and Public Bicycle Sharing Scheme (PBS), organised by SUTP, MoUD Govt. of India, Delhi 4th March 2016
- (viii) Invited as an examiner for Masters students thesis evaluation at CEPT University Ahmedabad , April 2016
- (ix) Appointed jury examiner for Ph.D candidate thesis examination from CEPT university, Ahmedabad
- (x) Invited as a panellist at session on Public Transport: Shaping the future of cities at 2nd Smart Cities India 2016, May 2016 , Delhi
- (xi) Invited as jury examiner for M. Tech students thesis examination, SVNIT Surat, June 2016

(d) Lecture Talks/presentation

- i) Delivered talk on “ Urban Mobility” to government officials as part of capacity training programme, IIPA ,Delhi , 21st Aug. 2015
- ii) Delivered talk on Transport Planning as part of Capacity building programme on Sustainable Urban Transport , Naya Raipur, 19-21 August,2015
- iii) Delivered talk on Transport Planning as part of Capacity Building Programme on Sustainable Urban Transport - Goa - 22nd to 24th September, 2015
- iv) Delivered a talk on “Smart and Sustainable Mobility for Smart Cities” at Seminar on Geo-informatics, Smart Cities and Sustainable Development Organised by Bhim Rao Ambedkar College, Delhi University 11th March 2016
- v) Delivered a talk on “Smart Cities Mission Programme of India – Features, Challenges and Imperatives “ Conference on Architects and Smart Cities Vision organized by Indian Institute of Architects, Northern Chapter, April 2016
- vi) Delivered a talk on “ Sustainable Mobility Imperatives for Smart Cities “, Symposium on

Smart Cities and Geo-ICT Initiative- GEOVISION 2016 Organised under aegis of Indian Society of Geomatics (ISG) and Indian Water Resources Society (IWRS), Pune 18th June 2016

- vii) Delivered invited guest lecture talk on “Public Transport Route Network Planning and Scheduling”, Short Term Training Programme on CTPP, SVNIT Surat , 23rd May 2016
- viii) 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 CTRG Kolkata , Dec. 2015

Dr. Sewa Ram

- i) Delivered lecture at IIT Delhi –NSS on “Reduced visibility on roads and its effect” April 29, 2016
- ii) Presentation on “Transport Planning approach for safety and mobility” March 19, 2016 Muskan Road Safety Foundation, Jaipur.
- iii) Presentation on “Planning and design of Roundabout” Road Safety workshop Feb 26, 2016 MoRTH
- iv) Presentation on Road Safety Audit at College of Traffic management October 29, 2015
- iv) Presentation on “Site visibility and site planning” 24 Feb, 2016 , Sharda University.

19. Courses and training programs of attended by the faculty of the Department:

None

20. Awards or recognitions received at the national and international level by the faculty, and students:

Prof. Dr. P.K. Sarkar

- i. Awarded the Indian Road Congress commendation certificate for the paper on “Significant Work” of the Paper titled “ Estimation of Capacity of Multilane Divided National Highways in India, published in the Journal of Indian Road Congress , Vol 75-Part 3 at 75 Annual Session of IRC , Indore

Prof. Dr. Sanjay Gupta

- i) Appointed Visiting Professor at the Institute of Transport Studies, Leeds University, Leeds (U.K)
- ii) Appointed member of Expert Appraisal Committee (SEAC) Infra II by the Ministry of Environment, Forests and Climate Change, GOI
- iii) Appointed as jury member in Selection committee for best award in Urban Transport, MoUD GOI, Delhi, June. 2016
- iv) Appointed member of the International Scientific Committee of CODATU XVII for its proposed conference in India in 2017
- v) Co-authored paper along with Sharmistha Roy on “ Revitalization Strategies For Urban Circular Railway System in a Metropolitan City: Case Study-Kolkata ” which won the best research paper prize at the UMI 2015 conference organised by MoUD, Delhi, Nov. 2015

Dr. Sewa Ram

- i) Appointed member of the International Scientific Committee of CODATU XVII for its proposed conference in India in 2017

21. Internal and external members of the Board of Studies:**Members**

Dr. S. Gangopadhyay (Ex-Director, CRRI)

Dr. M. Parida (Professor, IIT Roorkee)

Dr. M.P. Raju (Managing Director, LEA Associates South Asia Pvt. Ltd.)

Sh. D.P. Gupta (Former Director General, MORTH)

Dr. B.I. Singhal (Former Director General IUT, India)

22. Internal and external members of the Departmental Research Committee:**Internal Members**

Prof. Dr. P.K. Sarkar Chairman

Dr. Sanjay Gupta Member

Dr. Sewa Ram Member

External Members

Dr. S. Gangopadhyay Ex-Director, CRRI

Dr. P.K. Sikdar Senior President ICT Pvt. Ltd. New Delhi

23. Prominent visitors to the Department of studies:

S.NO.	Name	Topic	Date
1.	Dr. Jatin Bajpai	1) Building a Foundation for Smart Cities. 2) Emerging Vehicle Technologies and the Search for Urban Mobility Solution.	3 February 2016
2.	Dr. RS Minahs	An approach bus transportation planning including maintenance operation in Delhi urban area	11 March 2016

24. 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.

25. Details of 'beyond syllabus scholarly activities' of the department:

The Department of Transport Planning is presently engaged in two prestigious research projects, namely i) preparation of Indo-Highway Capacity Manual for India in association with seven leading academic institutes in India and ii) 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.

26. Any other information:**Prof. Dr. P.K. Sarkar**

- i. 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.

- ii. Reviewed technical papers for peer reviewed international journals, Indian Road Congress journal.
- iii. Reviewed paper at road safety conference organized by Australian Road Safety Conference, Australia.
- iv. Responsible of guiding and monitoring the landmark project of the country i.e. preparation of Indo-Highway Capacity Manual as a Regional Coordinator.
- v. Responsible for evaluation and selection of number of consultants and projects related to Delhi-Mumbai Industrial Corridor at DMICDC, Delhi

Prof. Dr. Sanjay Gupta

- i) Appeared on following TV channels :
 ABVP news : Debate on odd even scheme in Delhi
 Lok Sabha TV : Debate on Budget in context of Transport Sector
 ABVP news : Debate on Traffic congestion on Delhi – Gurgaon
- ii) Contributed views to article on Governance Now (Sep. 2015 issue) on Declogging Delhi and HT Estates (Oct. 2015) on smart cities mission
- iii) Reviewed several technical papers for peer reviewed international journal such as Journal of Public Transportation of University of South Florida (U.S), Journal of Transport Policy
- iv) Reviewed several technical papers for conferences in India such as UMI 2015 (IUT, MoUD), CTRG 2015 (TRG India)

Dr. Sewa Ram

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, Hindustan,Pioneer ,Amar Ujala , Indian Express, Mail Today, and Zee News, CNN IBN ,India Today, Aaj Tak, News Nations, India 24x7, News24,ABP News,Rajya Sabha TV,Asia News, News World Nation TV etc.





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***

1979-80; But PG Diploma in Urban Design started in 1970

4. **Faculty profile:**

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience	Remarks, if any
Arunava Dasgupta	M.Arch (Urban Design)	HOD In-Charge and Associate Professor	Urban Design	29 years	HOD since April 2016
Manu Mahajan	M.Arch.(Urban Design) MSc(Dev and Planning)	Assistant Professor	Urban Design	16 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
Arunava Dasgupta	1	• Design Studio I	8
	3	• Design Studio-III (T)	2
	2	• Design Studio –II (ST)	2
	2	• Reading the City (S)	2
	3	• Reading the City	2
	4	• Design Thesis Studio IV	4
	4	• Design Thesis R	4

Manu Mahajan	2	• Design Studio –II (ST)	8
	1	• History of Urban Space (S/L)	4
	3	• Design Studio-III (ST)	8
	2	• Design Studio-R	2
	4	• Electives (L/T)	3
	3	• Design Studio –III (T)	2
	4	• Design Thesis (T)	4

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	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 per Week
Ujan Ghosh	1	• Design Studio – I (ST)	8
	2	• Design Studio –II (ST)	8
Nishant Lal	1	• Design Tutorial and Workshop	4
	1	• Design Studio-I (ST)	4
	2	• Design Studio –II (ST)	4
	2	• Design Studio (R)	2
	4	• Design Thesis Tutorial	4
Kanu Kartik Agarwal	1	• Imagining Cities (L) and (ST)	3
	2	• Imagining Cities (T)	3
	3	• Imagining Cities (L and T)	3
	4	• Imagining Cities (L)	3
	4	• Design Thesis (R)	4
Rwitee Mandal	1	• Design Tutorial and Workshop	4
	2	• Design Tutorial	4
	4	• City Futures (S)	2
	4	• City Futures (L)	2
	4	• City Futures (R)	2
Suneet Mohindru	1	• Site Planning (L)(ST)	5
Vikas Kanojia	1	• Site Planning (ST)	4
Sanjay Kanvinde	3	• Design Studio – III (ST)	8
	4	• Design Thesis (ST)	8

Vandini Mehta,	3	• Reading the City (R/S/L)	6
Shiv Prasad Singh	3	• Real Estate (L) (T)	3
Mriganka Saxena	1	• Urban Design Methodologies(L)	3
	4	• Design Thesis R	4
Aishwarya Tipnis	3	• Urban Renewal and Conservation (L) (S)	3
Marisha Sharma	3	• Techniques of Sustainable Development and EIA(L)	2
Divya Chopra	2	• Design Tutorial (T)	4
	3	• Reading the City	2
Tina Bali	1	• Site Planning	4
K T Ravindran	4	• Design Thesis Studio IV	4
	3	• Design Studio III	4
AbhimanyuDalal	3	• Design Studio III	2
	4	• Design Thesis Studio IV	8
Tanaji Chakravarty	4	• Project Planning and Finance for Urban Design	2
Aparna Ash Kanojia	4	• Project Planning and Finance for Urban Design	2
Sudipto Ghosh	4	• City Futures (R/S)	4
	2	• Design Studio -I	4
Soumi Nandi	4	• Design Thesis Tutorial	4
	3	• Design Studio – III	2
	1	• Design Studio -I	4
Mansi Kataria	4	• Design Thesis Tutorial	4
	1	• Site Planning	4
Rinki Sarkar	2	• Reading the City	2
Amit Hajela	2	• Electives (Tutorial)	3
Rajender Singh	2	• Design Studio – II	4
	3	• Design Studio – III	4
Anvita Arora	2	• Transport Planning for UD	2
B. Mishra	2	• Planning Tools for UD	2
Manas Murthy	2	• Design Tutorial	4
	2	• Reading the City (R/S)	4
	3	• Design Studio-III	3
Rajiv Bhagat	1	• Design Tutorial and Workshop	4
	2	• Design Tutorial	4
Thomas Oommen	2	• Reading the City (R/S)	4
Vineet Katariya	1	• Computer Aided Urban Design	3
	2	• Design Studio-R	2

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

Name of the Expert	Semester	Topic	Date
Prof. Chris Tweed	II and IV	Human-centered Design in Architecture	April 2016
Ms. Hannah Robertson	II and IV	Strengthening by Connecting: Building Strategies for Remote Regions	March 2016
Prof. Jon Lang	II and IV	Urban Design and Development of Battery Park City, New York, USA	Feb 2016
Prof. Claudia Estrela Porto	II and IV	Brasilia: 50 years	Sep 2015
Prof. Rahul Mehrotra	II and IV	Working in Mumbai	July 2015

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

- Faculty drawn from other disciplines 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
- Community Design Studio- Design Competition among students of SPA and Exhibition in November 2015 in collaboration with A+D, AA Studio Consulting and Korean Cultural Centre, Delhi

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 Purple Metro Line- Badarpur, Kalkaji, Janpath, Delhi Gate and Kashmere Gate
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 six years, Department is studying Capital Cities. Present year City was Lucknow

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 6 years, Department is taking up wards of Delhi. This year two wards-Kirti Nagar and GTB Nagar were taken up for Local Area Plan and Design.
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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/UD/679	Deepak Kumar	Intergrating fringe city resettlement colonies with future growth-Savda Ghevra, New Delhi
SPA/NS/UD/680	Pallavi Ashok Deore	Creating a Rural-Urban transition using public realm as a seam
SPA/NS/UD/681	Goutham S	Redefining spatial intergration of labour migrants in Perumbavoor, Kerala
SPA/NS/UD/682	Harsh Bharat Kumar Patel	Envisioning an integrated urban form to bridge the urban-rural divide
SPA/NS/UD/683	Katrekar Jui Siddharth. S	Re-imagining dynamic inner city areas around twin mass transit corridors- Mumbai
SPA/NS/UD/684	Manepalli Hima Bindu	Developing sustainable urban form in urban extensions-Madhurawada, Visakhapatnam
SPA/NS/UD/685	Molay Das	Re-imagining publicness in Lutyen's Bungalow zone
SPA/NS/UD/686	Navanil Chattopadhyay	Developing a capitalistic essence for future capital cities with Dehradun as the sample City
SPA/NS/UD/687	Pragya V.	Re-imagining the contemporary urban image for Jaipur
SPA/NS/UD/688	Rupesh Kumar	Developing the public realm in the process of urban intensification along MRTS- Case Karkardooma, Delhi
SPA/NS/UD/689	Sankhanil Das	Using ecology and culture as determinant of Urban form- case of Puri
SPA/NS/UD/690	Satyajit Mal	Regenerating inner city precincts through the tram system as a catalyst- Kolkata
SPA/NS/UD/691	Shabna. S	Inclusive urban growth for fragmented communities; A case of Vizhinjam, Trivandrum
SPA/NS/UD/692	Sohini Maiti	Re-defining the Urban edge: Development along East Kolkata Wetlands. - Anandapur, Kolkata

SPA/NS/UD/693	Sulagna Biswas	Integrating an urban village and the sub-city neighbourhood considering emerging trends of change- Case of Zamrudpur, Delhi
SPA/NS/UD/694	Swathi. S	Guiding redevelopment of under-utilized government lands- A case of Kishanganj, Delhi
SPA/NS/UD/695	Vicky Lalramsangi	Re-imagining the city centre of a hill city- Case Aizawl
SPA/NS/UD/696	Vikram Kohli	Exploring the connection between urban design and well-being for the youth in the city- Jabalpur
SPA/NS/UD/697	Vivek. V	Negotiating static and kinetic spaces for native communities: A case of Attukal temple Precinct, Trivandrum

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
SPA/FN/ Ph.D/107/2008-09	Claudia Roselli	Urban Art Form design and Urban Governance	Ranjit Mitra	Final Viva-Voce held in March 2016
SPA/FN/ Ph.D/120/2011-12	Mona Valikjazi	Construction inclusive city morphology possibilities and challenges	Mandeep Singh	
SPA/NS/ Ph.D/129/2012-13	Deepshree Choudhury	Environmental psychology a determinant of urban space	Leon A Morenas	
SPA/IS/ Ph.D/128/2012-13	Arunava Dasgupta	Settlement structure and built form transformation in urbanizing villages	Mandeep Singh	
SPA/IS/ Ph.D/165/2016-17	Manu Mahajan	Rise of service Sector led Economy & Transformation of Inner Cities-A Study of Culture Economy and Spatial Transformation in the Context of Indian Cities.	Leon A Morenas	

12. Research thrust areas of the Department:

- Rural Urbanization
- Mobility and Urban Form
- Participatory Design and Co-development Strategies

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)
Assessment of Built Environment and Design Directions for Future Development for Bharmour, Kalpa and Sangla Villages, Himachal Pradesh.	Arunava Dasgupta	Development and Design Guidelines, Technical reports.	25
Re-visiting and Re-Drafting of Delhi Development Act, NIUA	Manu Mahajan	Situation Analysis of various infrastructure sectors of the Delhi and future strategies of Development	1.5

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)
Nil			

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:

Nil

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

Arunava Dasgupta

- 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

- Locality in Urban Design-II: a day long workshop in SPA, in association with Department of Regional Planning, SPA and Department of Urban and Regional Planning, University of Florence, January 2016.

- Two week Joint Session with 11 students and 2 Tutors of University of Florence (UINFI) at Delhi and Lucknow, January 2016
- Exhibition of students' works and an interactive session between students and faculty of TU Darmstadt, Germany on Nov, 2015.
- Exhibition of students' works and an interactive session between students and faculty of UCL, Bartlett, UK on Nov.30, 2015.
- 2 day exhibition cum lecture event, "Locality in Urban Design: Episode 2" in collaboration with IN:CH Studio and the Embassy of Switzerland, October 2015
- Exhibition cum dialogue and site visit to Old Delhi with University of Heidelberg, October 2015
- Joint Studio on 'Across the Metropolis' held at Delhi with KRVI, Mumbai and First Semester Students of the department, September 2015
- Joint Studio on 'Eastern Waterfront of Mumbai' held at Mumbai with KRVI, Mumbai and Third Semester students of the Department, September 2015.

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

a. International

b. Presentation of Papers

Arunava Dasgupta

- "Co-developing Future Trajectories for Sustenance and Continuity" Presentation made as invited speaker in the NTNU-SPA Workshop on Resilience, New Delhi, November 2015
- "A City and its River: An Urban Design Approach towards addressing Heritage Issues along the Hooghly Riverfront" Presentation made as invited speaker in the international workshop on Integrated Heritage Based Development on the Hooghly Riverfront, organized by UNESCO, Kolkata, Oct 2015
- "A Typo-morphological approach towards discussing the Tropical Urbanism of the Indian City" Presentation made as invited speaker in the International Seminar on Sub-tropical Architecture and Urbanism, Trivandrum, September 2015
- "Urban Design for the Sustainable Future Indian City" Presentation made as invited speaker in the Second South Asian Cities Summit, New Delhi, May 2015
- "Imperatives and Strategies for Conservation of the Himalayan Built Environment" Presentation made as invited speaker in the cross-training workshop for state Town Planners, HIPA Shimla, May 2015

Manu Mahajan

- 'Local Area Planning- Experience of Urban Design Studios' presented at 'Locality in Urban Design-II' in collaboration with University of Florence, at SPA New Delhi on 23rd January 2016

c. Chairperson/Member of Panels

- Panel Discussant in IIA NATCON conference in Kolkata, December 2015

d. Participation Only

20. Courses and training programs 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 Members

- Arunava Dasgupta, Chairman

External Members

- Prof. K.T. Ravindran, Dean Emeritus, RICS School of Built Environment
- Prof. Ravi Sundram, Professor, Centre for Study of Developing Societies
- Mr. Rajeev Kathpalia, Principal, Vastu Shilpa Consultants
- Mr. Rajendra Singh, Senior Consultant, LEA Associates Pvt. Ltd.

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

Internal Members

- Prof. Dr. Mandeep Singh

External Members

- Prof. AGK Menon, Convenor, Delhi Chapter, INTACH
- Prof. S.K.Das, Principal, SKDAS Associated Architects

24. Prominent visitors to the Department of studies:

- Prof. Rahul Mehrotra, Harvard School of Design, July 31, 2015
- Prof. Rafaele Paloscia, University of Florence, October 21, 2015
- Prof. Peter Gotsth, University of Darmstadt, Germany, November 9, 2015
- Prof. Murray Fraser, Bartlette School of Architecture, UCL, UK, November 30, 2015
- Prof. Laurie Buys, Queensland University of Technology, Australia, Dec. 1, 2015
- Prof. Patrick Condon, University of British Columbia, Canada, Dec. 12, 2015

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

- MoU signed with Queensland University of Technology, Australia, August 17, 2015
- Joint contribution of SPA-UD with Univ. of Heidelberg in international HERA symposium on Gender and Space held in Delhi in October 2015 – Paper presentation by Arunava Dasgupta, interaction with students and faculty of UD and conference delegation, guided field visit of Shahjahanabad conducted by Manu Mahajan.

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

- a. Participation in research and design consultancy
- b. 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:

Nil

DEPARTMENT OF URBAN PLANNING

1. Name of the Department

Department of Urban Planning

2. Names of academic programs offered by the Department

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

3. Year of establishment of the Department

1955

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

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Number of years of experience
Prof. Dr. Sanjay Gupta	M.Sc., M.TP, Ph.D., FITP, Commonwealth Academic Fellow (U.K)	Professor and Head of Department (wef 1 January 2016)	Climate Change, Land use- transport Planning, public transport	30
Prof. Dr. Sanjukta Bhaduri	Ph.D, M. City Planning, B. Arch, AITP	Professor of Planning	Urban Planning, Environmental Planning, Disaster Management	31
Sh. M. Palaniappan	M.A. (Economics); M.T.P; M.P.S. Ph.D. (ongoing)	Assistant Professor	Economics, Tourism planning	24
Ms. Chidambara	M. Plan (Transport Planning) AITP; B.Plan., Ph.D (ongoing)	Assistant Professor	Sustainable and smart mobility, Urban Planning, Urban Governance	15
Ms. Nilanjana Dasgupta Sur	M.Sc. (Geography), M. Plan. (Urban Planning), Ph.D. (ongoing)	Assistant Professor	Urban Governance, Information Systems, Inclusive Planning	13

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

Name of the Faculty	Period	Semester	Subjects (Theory and Studios)	Hours per week
Prof. Dr. Sanjay Gupta	Jan-May 2016	IV	Thesis (Guidance)	3
		II	Studio (Guidance)	2
Prof. Dr. Sanjukta Bhaduri	July – Dec. 2015	III	Environmental, Development and Disaster Management	2
		III	Studio (Guidance)	8
	January – May, 2016	IV	Thesis (Guidance)	7
		II	Thesis (Guidance)	1
		II	City and Metropolitan Planning Studio (Guidance)	4
Sh. M. Palaniappan	July – Dec. 2015	III	Politics and Planning	1
		III	Studio (Guidance)	9
	January – May 2016	IV	Thesis (Guidance)	3
		II	Planning for Tourism	1
		II	Studio (Guidance)	12
Ms. Chidambara	July – December, 2015	III	Advance Planning Techniques	2
		III	Studio guidance	6
		III	Urban Governance	1
	January – May 2016	IV	Thesis (Studio)	9
		II	Studio guidance	8
Ms. Nilanjana Dasgupta Sur	July – Dec. 2015	III	Urban Development Management	1
		III	Studio Guidance	7
	January – May 2016	II	City and Metropolitan Planning	1
		II	Inclusive Urban Planning	1
		II	Studio Guidance	6
		IV	Thesis Supervisor	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 per week
Prof Dr. Sanjay Gupta	II TP Department	Public Transport Planning	3
	IV TP Department	Thesis guidance	2
Sh. M. Palaniappan	I Integrated Programme	Studio guidance	6
Ms Chidambara	I Integrated Programme	Transport Planning	1
	I Integrated Programme	Studio guidance	8
Ms Ms. Nilanjana Dasgupta Sur	I Integrated Programme	Studio guidance	8

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)	Total Hours per Week
Prof. S.C. Gupta	III	Urban Development Management/ Environment Development and Disaster Management/Design Studio	1/0.25/9
Prof. S.P. Jakhanwal	III	Urban Development Management / Urban Governance	1/1
Prof. Veena Garella	III	Design Studio	6
Prof. V. Thiruvengdam	III	Project and Planning/ Design Studio	1/3
Shri Surjit Singh Saini	III	GIS (Studio)	2
Shri Arun Sharma	III	GIS (Studio)	2
Shri M.L. Chotani	III	Urban Governance/ Politics and Planning	1/1
Shri Tushar Pandey	III	Project and Planning	1
Smt. Chandrani Bandyopadhyay	III	Environmental Development and Disaster Management	0.5
Shri Tanaji Chakrabarti	III	Project and Planning/ Design Studio	0.25/1
Shri Surendra Srivastava	III	Design Studio	6
Shri A.P. Tiwari	III	Project and Planning/ Design Studio	0.25/7
Shri M.P. Mathur	III	Politics and Planning	1
Ms. Ranjini Mukherjee	III	Environment Development and Disaster Management	0.75
Ms. Arpana Ash	III	Project and Planning	0.25
Shri Ved Mittal	III	Design Studio	3
Shri B.C. Datta	III	Design Studio	6
Dr. S.P. Biswas	III	Design Studio	6
Prof. H.B. Singh	III	Design Studio	3
Shri Ashok Bhattacharjee	III	Design Studio	3
Prof. S.C. Gupta	II/IV	Design Studio/ Planning Legislation and Professional Practice/ (Thesis/Studio)	3/1/8
Prof. S.P. Jakhanwal	IV	Development Finance	1
Dr. Shipra Maitra	IV	Development Finance	1
Shri M.P. Mathur	IV	Development Finance	1
Shri K.T. Gurumukhi	IV	Planning Legislation and Professional Practice/ (Thesis/Studio)	1.5/6

Shri M.L. Chotani	IV	Planning Legislation and Professional Practice/ (Thesis/Studio)	0.5/6
Prof. N. Ranganathan	II/IV	Design Studio/ (Thesis/Studio)	6/6
Prof. Veena Garella	II/IV	Design Studio/ (Thesis/Studio)	6/6
Dr. S.P. Biswas	II/IV	Design Studio/ (Thesis/Studio)	3/6
Shri B.K. Kapoor	IV	(Thesis/Studio)	10
Prof. H.B. Singh	IV	(Thesis/Studio)	9
Shri Ved Mittal	IV	(Thesis/Studio)	9
Prof. B. Misra	IV	(Thesis/Studio)	8
Prof. A.K. Maitra	IV	(Thesis/Studio)	4
Shri B.C. Datta	IV	(Thesis/Studio)	6
Shri Ashok Bhattacharjee	IV	(Thesis/Studio)	6
Shri R. Srinivas	IV	(Thesis/Studio)	6
Prof. S.N. Misra	IV	(Thesis/Studio)	6
Ms. Anuya Dighe	II/IV	Inclusive Urban Planning/ City and Metropolitan Planning/ (Thesis/Studio)	1/1/4
Prof. S.K. Saha	IV	(Thesis/Studio)	6
Dr. V. Thiruvengdam	IV	(Thesis/Studio)	6
Shri Vijay Risbud	IV	(Thesis/Studio)	6
Ms. Shikha Jain	II	Urban Heritage Conservation	1.25
Shri Divay Gupta	II	Urban Heritage Conservation	0.75
Ms. Kanak Tiwari	II	Urban Heritage Conservation	0.75
Shri Arun Sharma	II	Advanced Planning Techniques/ GIS (Studio)	1/2
Shri Surjit Singh Saini	II	GIS (Studio)	2
Shri M.P. Mathur	II	Inclusive Urban Planning	1
Ms. Chandni Luthra	II	Planning for Tourism	2
Shri A.P. Tiwari	II	Design Studio	6
Shri Surendra Srivastava	II	Design Studio	6
Ms. Shanu Raina	II	Design Studio	3
Prof. Kavas Kapadia (Visiting Professor)	II/IV	Infrastructure Planning/Design Studio/ (Thesis/Studio)	2/6/4

(b) Details of Special Lectures undertaken in the department

Nil

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

Nil

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

Name of the Studio	Precise Objectives of the Studio	Case study Description	Major Conclusions and Outcomes
Informal Sector In A Mega City: Case Study – Delhi (Second Semester Studio Exercise 1: Jan-Feb 2016)	<p>The objectives were to :</p> <ul style="list-style-type: none"> • Access the patterns of informal sector across different land use typologies. • Identify various policy focus areas enabling inclusive growth environment for informal sector. 	In Delhi, the Master Plan incorporates street vendors in planned development with constant increase in the sector within the city. In spite of prevailing norms, schemes and regulations for the vendors, there is lack of enough successful models.	Weak vending organizations, violations of rules & regulations, failure in implementations of license systems, non-maintenance of records, chaos, congestions, long distance of travel, eviction, etc. are persisting issues within the city.
Informal aspects within a city: Case Study Mirzapur, UP (Second Semester Studio Exercise 2: March - May 2016)	<p>The objectives were to :</p> <ul style="list-style-type: none"> • Understanding of the informal components of the city • Identify Key characteristics and issues • Identify causative factors and their implications • Assess Interface with the formal components of the city • Propose Policies and strategies 	The city of Mirzapur, Uttar Pradesh had been selected as the case study area for the second studio exercise, with the aim to understand the 'Informal aspects within a city'. interventions.	The study identified issues in industry, commerce, shelter, spaces, transport, social infrastructure and waste management. Alternate Development strategies were proposed based on forecasts .

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

Roll No.	Name of the Students	Name of the Topics
SPA/NS/UP/1161	Aditi Singh	Impact of Urban Development on Air Quality : Case of Faridabad
SPA/NS/UP/1162	Amrit James Tete	Developing Jamshedpur as a Compact City
SPA/NS/UP/1163	Arvind Viswanathan	Role of Metro Rail in Sustainable Urban Development-Kochi
SPA/NS/UP/1164	Ashish Kumar Singh	Impact of Yamuna Expressway on Development of Agra
SPA/NS/UP/1165	Debraj Chakraborty	Development and Urban Flooding in Guwahati
SPA/NS/UP/1166	Devleena Dutta	Environmental Concerns of an Industrial City: Durgapur
SPA/NS/UP/1167	Gungun	Impact of Industrial Accidents on a city, Case of Bhopal Gas Tragedy
SPA/NS/UP/1168	Kanad Pankaj	Urban Renewal in Central Area of Bhopal
SPA/S/UP/1169	Kiniholi Kinimi	Peoples Participation in Urban Development, Kohima: Nagaland
SPA/NS/UP/1170	Latika Binwani	Strategies for Developing Hoshangabad as an Eco-City
SPA/NS/UP/1171	Lucy Kumari	Carrying Capacity for Future Development, Case Study: Patna
SPA/NS/UP/1172	Mohammed Shamsad	Disaster Mitigation of a Hill Town: Nainital
SPA/NS/UP/1173	Nandita Singh	Dynamics of Urban Land Market: Case Study: Punchkula
SPA/NS/UP/1174	Nikhil Kumar	Impact of Transit Oriented Development: Karkardooma
SPA/NS/UP/1175	Nita Johnson Tessy	FSI as a tool for managing Urban Development in Mumbai
SPA/NS/UP/1176	Priyadarshika Das	Impact of Metro on Development of Twin Cities: Kolkata and Howrah
SPA/NS/UP/1177	Priyanka Satish Rajani	Integrating Heritage in Urban Development, Nagpur: Maharashtra
SPA/NS/UP/1178	Puduchari Yashwanth Kumar	Warangal as a Counter-Magnet to Hyderabad
SPA/NS/UP/1179	R. Sairam	Development Strategies along the Canals in Alappuzha, Kerala
SPA/NS/UP/1180	Ruby Moun	Land Assembly and Development: Faridabad
SPA/NS/UP/1181	Saadia Siddiqui	Planning for Urban Informal Sector, Case Study: Lucknow
SPA/NS/UP/1182	Sakshi Gupta	Development Strategies for a Religious City: Haridwar

SPA/NS/UP/1183	Samya Halder	Water Supply Management in Tourist Hill Town: Darjeeling
SPA/NS/UP/1184	Somajyoti Das	Transformation along a Urban Railway Corridor: Case Study KMA
SPA/NS/UP/1185	Sumit Gehani	Impact of Zoning Regulations on Urban Development Case- Residential Areas, New Delhi
SPA/NS/UP/1186	Suprita Biswas	Planned Development for Peri-Urban Area of Kolkata
SPA/NS/UP/1187	Supritha M. Y.	Impact of Mixed use in Townships, Case Study: Bengaluru
SPA/NS/UP/1188	Swati	Reuse of Abandoned Textile Mills Land: Kanpur
SPA/NS/UP/1189	Vaibhav Kush	Impact of Urban Development on Climate: Case of Delhi and Environs
SPA/NS/UP/1190	Vivekananda Biswas	Impact of Urban Sprawl on Development Pattern – A case study Bengaluru,
SPA/NS/UP/1191	Yashaswini R.M.	Strategies for Sustainable Development of Ruburb in Bangalore- Case Study White Field

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
2012-13 (Full Time)	Sh. Daniel Lirebo Sokido	Density and Spatial Quality of Urban spaces: Addis Ababa, Ethiopia	Prof. Dr. Sanjukta Bhaduri,	Degree awarded
2012-13 (Part Time)	Ms. Bipasha Kumar	Dynamics of Disaster risk in Urban Villages : Delhi	Prof. Dr. Sanjukta Bhaduri	-
2014	Ms. Nilanjana Dasgupta Sur	Knowledge Networking for Improved Service Delivery in ULBs in India	Prof. Dr. Sanjukta Bhaduri and Prof. Chetan Vaidya	-
2016-17 (Full Time)	Ms. Arathy Gopal	“Urban Planning for aesthetic and functional revitalization of cities evolved from settlements around temples, a case of Thiruvanathapuram City”	Prof. Dr. Sanjukta Bhaduri	-
2016-17 (Full Time)	Ms. Mutum Chaobisana Devi	“Urban Threshold in the context of Transit Oriented Development”	Prof. Dr. Sanjukta Bhaduri / Prof. Dr. Sanjay Gupta	-

12. Research thrust areas of the Department

Smart and Liveable Cities
Inclusive and Participatory Planning
Climate Resilient Urban Development
Land use- Transport Planning
Urban Heritage and Tourism Planning
Environment and Disaster Management
Urban Information Systems and Knowledge networks

13. Completed/Ongoing research Projects in the Department:

Nil

14. Details of the consultancy projects undertaken by the Department

Name of the Project and Sponsoring agency	Name of Team Leader/Faculty	Thrust Area/Expected Outcomes	Total Grant/ Fee (Rs. in Lakhs)
Concept Master Plans for two Oil India Townships, Assam	Prof. Sanjukta Bhaduri, Team Leader	Development Planning	-

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

Prof. Dr. Sanjay Gupta

Book Chapters

- i. Best Practices in Urban Freight : An Overview of Selected National and International Experiences, published in book titled “ *Reforming Urban Transport in India- Issues and Best Practices*” edited by Dr. M Ramchandran, published by Copal publishing, October 2015
- ii. Impact of Metro Rail Transit on Mobility Pattern of Metropolitan City: Case Study of Delhi Metro published in book titled “ *CITIES: The 21st Century India*” edited by Satpal Singh, published by Bookwell Delhi , Aug. 2015

Journals

- i. Potential of NMT as last mile sustainable transport option to mass transit stations in a metropolitan city- Delhi, Urban Transport journal, Vol. 14, No.1, Oct 2015 , ISSN 2394-3238, published by Institute of Urban Transport (India) (co –author)
- ii. Planning strategies for low carbon mobility in a proposed special economic zone (SEZ) in Kotchi, Urban Transport Research Journal , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author)
- iii. Application of fractal analysis for evaluation of road network in urban areas, Urban Transport Research Journal , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author)

- iv. Freight Generation Characteristics in a metropolitan city of Hyderabad, Urban Transport Research Journal , ISSN 2395-2492, Nov. 2015 published by Institute of Urban Transport (India) (co- author)

Prof. Sanjukta Bhaduri

Book

- Book on “Patterns of Energy Consumption in Urban Settlements”, LAP Lambert Publishing, Germany, 2015

Journals

- Aditya Ajith, Shyamla Mani, Sanjukta Bhaduri, Planning Imperatives for Waste Management in Delhi, Urban India, NIUA, Vol.35. No.1.

Ms. Chidambara

Journals

- i. Saxena, N., Chidambara, (2016) “Implications of sprawled and compact development on mobility patterns: a case-study of Bhopal, India” presented at APSA meet, 12-14 August, Johor Bahru, Malaysia and published in PLANNING MALAYSIA: Journal of the Malaysian Institute of Planners SPECIAL ISSUE IV (2016), Page 353 - 368.
- ii. Chidambara, Sanjay Gupta (2015) “Potential of NMT as last mile sustainable transport option to mass transit stations in a metropolitan city, Delhi” in Urban Transport Journal, Vol.14 No.1 Oct 2015; IUTI, N. Delhi

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

Prof. Dr Sanjay Gupta

- i. Published an issue each of “Urban Transport Journal Vol. 14, No.1, Oct 2015 ISSN 2394-3238” and “Urban Transport Research Journal ISSN 2395-2492, Nov. 2015” in the capacity as Chairman, Publication Committee of the Institute of Urban Transport , India

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

Prof. Dr. Sanjay Gupta

(a) International Committees

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

(b) National Committee

- i) Member, Expert Appraisal Committee (EAC) – Infra II, Ministry of Environment, Forest and Climate Change, GOI
- ii) Member, State Level Expert Appraisal Committee (SEAC), Department of Environment, Govt. of Delhi

- iii) Member, Selection Committee Jury for National Awards in Urban Transport (2015), Ministry of Urban Development, GOI
- iv) Member, Evaluation Committee, Institute of Town Planners, India

(c) Editorial Boards

- i) Chairman, Publication Committee, Institute of Urban Transport (I)
- ii) Member, Editorial Board of Spatio-Economic Development Record (I)
- iii) Member, SPACE journal, School of Planning and Architecture, Delhi

(d) Any other

- i) Fellow Member, Institute of Town Planner, India
- ii) Member, Institute of Transportation Engineers Inc. (U.S)
- iii) Member, World Conference on Transport Research Society (WCTRS)
- iv) Member, Transportation Planning Society (U.K)
- v) Member, International Association of Travel Behaviour Research (IATBR)
- vi) Member, World Society for Transport and Land Use Research (WSTLUR)
- vii) Life Member, Institute of Urban Transport (India)
- viii) Member, Chartered Institute of Logistics and Transport (India)
- ix) Life Member, Indian Roads Congress
- x) Life Member, Institute of Rail Transport, India
- xi) Member, Research Board, Institute of Urban Transport (India)
- xii) Life Member, Association for Transport Development, India
- xiii) Member, Indian Institute of Public Administration (IIPA)
- xiv) Member, Indian Institute of Remote Sensing

Prof. Dr. Sajukta Bhaduri

(b) National Committee

- i) Member, Expert Group on Urban Flood Mitigation, NDMA
- ii) Member, Smart Cities Sectional Committee, CED 59, BIS
- iii) Referee, IMPRINT Phase-2, Primary Proposal Evaluation

(d) Any other

- i) Member, Council of Architecture
- ii) Associate Member, Institute of Town Planners, India
- iii) Life Member, Indian Institute of Public Administration
- iv) Member, Regional Science Association

Ms. Chidambara

Any other

- i) Associate Member, Institute of Town Planners, India

- ii) Member, Institute of Urban Transport (India)
- iii) Member 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

Seminars/Workshops

- i) Event celebrating Department's 60 Glorious years themed "Rethinking Urban Planning", 21st November 2015 , SPA Delhi.
- ii) Brainstorming Workshop on "Smart Cities" organized in 3rd Feb. 2016 with Dr Jitendra Bajpai, Formerly with World Bank , SPA Delhi
- iii) Workshop on "Guidance documents for TOD, NMT and PBS" organised by Sustainable Urban Transport Project in association with Urban Planning Department under aegis of MoUD, GOI, 21 May 2016, SPA Delhi

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

Prof. Dr. Sanjay Gupta

(a) International Conferences/Workshops/Seminars (Held outside India)

Nil

Presentation of Papers

Nil

(b) National Conferences/Seminars/Workshops Presentation of Papers

1. Presented a paper as key invited speaker on main conference theme of International Conference on Smart Mobility for Smart Cities organised by CII , 5th Oct 2015 Delhi
2. Presented a paper on "Planning for First And Last Mile Connectivity of Mass Transit Users In Urban Areas" UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*)
3. Presented a paper on "Implication Of Smart Growth Strategies In Residential Neighbourhoods On Sustainable Mobility - Case Study Delhi" UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co- authored*)
4. Presented a paper on "Public Transport Development Strategies for Emerging Metropolis- A Case of NOIDA" UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*)
5. Presented a paper on "Revitalization Strategies For Urban Circular Railway System in a Metropolitan City: Case Study-Kolkata " UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co-authored*)
6. Presented a paper on "Sustainable Urban Freight Distribution Strategy for Metropolitan City of Koch" UMI 2015 conference organised by MoUD, Delhi, Nov. 2015 (*co a-authored*)
7. Presented a paper on "Mode Choice Behaviour of Shippers in Regional Freight Movement, Case Study: Kerala ", 3rd Conference of Transportation Research Group of India, Dec. 2015, Kolkata (*co-authored*)
8. Presented a paper as invited key speaker on "Transit Oriented Development", ITPI Annual Congress, Raipur 9th Jan. 2016

(c) **Chairperson/Member of Panels**

- i) Chaired technical research symposium session on “ Public Transport Planning” at Urban Mobility India 2015 International Conference, New Delhi , Nov. 2015

(d) **Participation Only**

- i) International Conference and Exhibition on Public Transport Innovation organised by ASRTU, in New Delhi , Aug. 2015
- ii) International Conference on “Sustainable and Inclusive Urban Development in India: Learning from International Experiences and Devising Future Strategies” organised by Institute for Human Development (IHD), Delhi, August 2015
- iii) National Consultation workshop on NAMAs (Nationally Appropriate Mitigation Actions) in India. Organised by TERI and Shakti Foundation on 27th August 2015 , Delhi
- iv) National Consultation Workshop on Draft Rules of the Road Regulations organised by the IRTE and the Ministry of Road Transport & Highways ,IRTE's College of Traffic Management , 5th August 2015
- v) Workshop on Green Freight India Working Group (GFIWG) organized by Clean Air Asia, 11th Sep. 2015
- vi) Workshop on “Dust Control Measures to Control Area Pollution” organized by Department of Environment NCTD, Oct 2015, Delhi
- vii) CLIMATRANS project meeting organized by IISc. Bangalore, Bangalore, Nov. 2015
- viii) Conference on Need of Environmentally Sustainable Urban Transport System in India” organised by PHD chamber of commerce and industry, Delhi, 2nd March 2016
- ix) WRI 4th annual conference on CONNECTKaro 2016 organised by EMBARQ , Delhi, April 2016

(e) **Invited Panelists/Experts/Jury Member**

- i) Invited as an examiner for Masters students thesis evaluation at M. Tech dissertation viva-voce, SVNIT Surat, Aug 2015
- ii) Invited as jury member in Selection Committee for best award in Urban Transport, MoUD GOI, Delhi, Sep.2015
- iii) Invited as an expert at interactive Workshop on “Leaders Programme in Urban Transport Planning and Management” , Delhi , Sep . 2015
- iv) Invited as member of Expert Review Committee for the “Study on Child Friendly Urban Mobility”, Institute of Urban Transport (India) , Sep. 2015
- v) Invited as a panelist on panel discussion on Modernisation of Railway Stations in India organized by Institute of Rail Transport (India), Rail Bhavan, Delhi 14th Dec. 2015
- vi) Invited as panelist on Panel Discussion and Workshop on Sustainable Freight Transport and Logistics - Challenges and Way Out, CTRG conference, Kolkata, Dec 2015
- vii) Invited as a Panelist at National workshop on Transit Oriented Development (TOD Non-Motorized Transportation Plan (NMT) and Public Bicycle Sharing Scheme (PBS), organised by SUTP, MoUD Govt. of India, Delhi 4th March 2016
- viii) Invited as an examiner for Masters students thesis evaluation at CEPT University Ahmedabad, April 2016

- ix)** Appointed jury examiner for Ph.D candidate thesis examination from CEPT university, Ahmedabad
- x)** Invited as a panellist at session on Public Transport: Shaping the future of cities at 2nd Smart Cities India 2016, May 2016 , Delhi
- xi)** Invited as jury examiner for M. Tech students thesis examination, SVNIT Surat, June 2016

(f) Lecture Talks/presentation

- i) Delivered talk on “ Urban Mobility” to government officials as part of capacity training programme, IIPA ,Delhi , 21st Aug. 2015
- ii) Delivered talk on Transport Planning as part of Capacity building programme on Sustainable Urban Transport , Naya Raipur, 19-21 August,2015
- iii) Delivered talk on Transport Planning as part of Capacity Building Programme on Sustainable Urban Transport - Goa - 22nd to 24th September, 2015
- iv) Delivered a talk on “Smart and Sustainable Mobility for Smart Cities” at Seminar on Geo-informatics, Smart Cities and Sustainable Development Organised by Bhim Rao Ambedkar College, Delhi University 11th March 2016
- v) Delivered a talk on “Smart Cities Mission Programme of India – Features, Challenges and Imperatives“ Conference on Architects and Smart Cities Vision organized by Indian Institute of Architects, Northern Chapter, April 2016
- vi) Delivered a talk on “ Sustainable Mobility Imperatives for Smart Cities “, Symposium on Smart Cities and Geo-ICT Initiative- GEOVISION 2016 Organised under aegis of Indian Society of Geomatics (ISG) and Indian Water Resources Society (IWRS), Pune 18th June 2016
- vii) Delivered invited guest lecture talk on “Public Transport Route Network Planning and Scheduling”, Short Term Training Programme on CTPP, SVNIT Surat , 23rd May 2016
- viii) 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 CTRG Kolkata , Dec. 2015

Prof. Dr. Sanjukta Bhaduri

(a) International Conferences/Workshops/Seminars (Held outside India)

- i) 12th General Assembly of the Asian Planning Schools, Association and 13th International Congress of Asian Planning Schools Association, organised by Department of Urban and Regional Planning, University Teknologi, Malaysia, Johor Bahrn, 12-14, August, 2015.
- ii) Presented a paper titled ‘Sustainability of Urban Environment Indian Mega Cities’ in the International Conference on Regional Urbanism in the era of globalization organised by University of Huddersfield, U.K., Huddersfield, 3-6 February, 2016.

(b) National Conferences/Seminars/Workshops

Presentation of Papers

- i) Speaker on ‘Smart Cities’, Golden Jubilee Celebrations of the Department of Architecture, Jadavpur University, Kolkata, 9 October, 2015.

- ii) Speaker, in Workshop on Innovations in Technology Sciences, Srini Raju Centre for IT and the Networked Economy, Indian School of Business, 31 October – 1 November, 2015 Hyderabad.
- iii) Presented a paper titled 'Sustainability of Urban Environment Indian Mega Cities' in the International Conference on Regional Urbanism in the era of globalization organised by University of Huddersfield, U.K., Huddersfield, 3-6 February, 2016.
- iv) Speaker, National Workshop with Town Vending Committee Members, organised by NASVI (National Association for Street Vendors of India, Delhi, 14 March, 2016.

(d) Participation only

- i) Smart City Conference 'Singapore's Drive towards a Smart Nation – Experience and Challenges, Delhi Singapore Building and Construction Authority, Delhi, 10 July, 2015.
- ii) 12th General Assembly of the Asian Planning Schools, Association and 13th International Congress of Asian Planning Schools Association, organised by Department of Urban and Regional Planning, University Teknologi, Malaysia, Johor Bahru, 12-14, August, 2015.
- iii) Smart Cities Summit '100 Smart Cities' Mission Transform Nation, FICCI, Federation House, Delhi, 8 October, 2015.
- iv) Ease of Business for Construction Permit, Delhi, 28 April, 2016.
- v) Smart Cities India 2016, SPA Exhibition & Conference, Delhi, 11-13 May, 2016.
- vi) Capacity Building on TOD, NMT & PBS, SPA, Delhi 21st May, 2016.
- vii) 6th Annual Conference of the International Society for Integrated Disaster Risk Management, (IDRIM) organised by TIFAC (Technology Information, Forecasting & Assessment Council), 28-30th October, 2015, Delhi.
- viii) National Conference on 'Shelter in Emergencies-Challenges and Possibilities' organised by CARE INDIA, 25 February, 2016, Delhi.
- ix) Workshop titled 'Connecting Mosaics – 2016', Exploring India's Culture of Spatial Planning, Organised by GIZ Land use Planning Management (LUPM) 8-9, June, 2016 , Bhubaneshwar.
 - a. Indo-German meeting on Smart City, GIZ, Delhi, 5 August, 2016.
- x) Orientation of delivering MOOCs, INFLIBNET CENTRE, Ahmedabad 24 May, 2016.
- xi) Indo-French Seminar on 'Towards Smart and Sustainable Cities, New Delhi, Organised by Embassy of France in India, MOUD& FICCI, 4 November, 2015.
- xii) ITPI Workshop on Planning Education, 7 February, 2016.

e) Invited Panelists/Experts/Jury Member

- i) Doctoral Thesis Examiner for VNIT, Nagpur, IIT, Kharagpur, CEPT.
- ii) Meeting of DFID Study on 'What would make cities in the developing states economically vibrant? Institute of Social Sciences, Delhi, 21, December, 2015.
- iii) Workshop titled 'Connecting Mosaics – 2016', Exploring India's Culture of Spatial Planning, Organised by GIZ Land use Planning Management (LUPM) Bhubaneshwar, 8-9, June 2016.
- iv) Chairperson of session, 6th Annual Conference of the International Society for Integrated

Disaster Risk Management, (IDRIM) organised by TIFAC (Technology Information, Forecasting & Assessment Council), Delhi, 28-30 October, 2015.

- v) Panelist, National Conference on 'Shelter in Emergencies-Challenges and Possibilities' organised by CARE INDIA, Delhi, 25 February, 2016.

Ms. Chidambara

Presentation of Papers

- i) Paper Presentation at International conference: "NMT as Green Mobility Solution for First/Last Mile Connectivity to Mass Transit Stations for Delhi" at APSA meet, 12-14 August 2015, Johor Bahru, Malaysia.

(d) Participation only

- i) Participated in workshop "Using Data to Build Safer Cities" by Safetipin, New Delhi, 9 February, 2016.
- ii) Participated in "Urban Thinkers Campus"

Ms. Nilanjana Dasgupta Sur

Participation only

- i) Participated in a two day training programme on "Open Data and Knowledge for Transparency, Advocacy and Governance on Sustainable Development" organised by World Bank Group, India between 17th and 18th February 2016.
- ii) Participated in a two day training programme on "Urban Management" organised by NITI Aayog, Singapore Cooperation Enterprise and Temasek Foundation, between 27th – 29th April 2016 at Vigyan Bhawan
- iii) Attended a two day event on Smart Cities - Aspirations and Challenges Bureau Meeting under the South Asian Cities Summit 2016 between May 6-7, 2016, at the Ashok, New Delhi

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

Ms. Nilanjana Dasgupta Sur

- i) Participated in a two day training programme on "Open Data and Knowledge for Transparency, Advocacy and Governance on Sustainable Development" organised by World Bank Group, India between 17th and 18th February 2016.
- ii) Participated in a two day training programme on "Urban Management" organised by NITI Aayog, Singapore Cooperation Enterprise and Temasek Foundation, between 27th – 29th April 2016 at Vigyan Bhawan.

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

Prof. Dr. Sanjay Gupta

- i) Appointed Visiting Professor at the Institute of Transport Studies, Leeds University, Leeds (U.K)
- ii) Appointed member of Expert Appraisal Committee (SEAC) Infra II by the Ministry of Environment, Forests and Climate Change, GOI

- iii) Appointed member of the International Scientific Committee of CODATU XVII for its proposed conference in India in 2017
- iv) Co-authored paper along with Sharmistha Roy on “ Revitalization Strategies For Urban Circular Railway System in a Metropolitan City: Case Study-Kolkata ” which won the best research paper prize at the UMI 2015 conference organised by MoUD, Delhi, Nov. 2015

22. Internal and external members of the Board of Studies

Sl. No	Internal Members
1	Prof. Dr. Sanjay Gupta, Chairman
2	Prof. Dr. Sanjukta Bhaduri
3	Ms. Chidambara
4	Ms. Nilanjana D. Sur
	External Members
1	Sh. S.P.Bansal Former Addl. Commissioner,DDA
2	Sh. P. S. Rana Former CMD, HUDCO
3	Prof. Saswat Bandhyopadhyay CEPT, Ahmedabad
4	Sh. V.K. Pathak Former Chief Planner, Mumbai Planning Consultant
5	Prof. O.P. Mathur Former Director, NIUA, New Delhi

23. Internal and external members of the Departmental Research Committee

Sl. No	Internal Members
1	Prof. Dr. Sanjay Gupta, Chairman
2	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:

Dr Jitendra Bajpai, Formerly with the World Bank delivered a lecture talk on approach for smart cities with case city of New York as part of the workshop on Smart Cities on 3rd Feb. 2016

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

Nil

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

The Department of Urban Planning celebrated 60 years on the 21st November 2015. The event included facilitation of past Heads of the Department followed by series of panel discussions on main theme "Rethinking Urban Planning". One of the highlights was the recorded video message from Prof. Vagale, former Head, Urban Planning Department on the occasion.

27. Any other information

Prof. Dr. Sanjay Gupta

- i)** Appeared on following TV channels debate programmes:
 - ABVP news : Debate on odd even scheme in Delhi (Jan 2016)
 - Lok Sabha TV : Debate on Budget in context of Transport Sector (Feb 2016)
 - ABVP news : Debate on Traffic congestion on Delhi – Gurgaon (Aug. 2016)
- ii)** Contributed views to article on Governance Now (Sep. 2015 issue) on Declogging Delhi and HT Estates (Oct. 2015) on smart cities mission
- iii)** Reviewed several technical papers for peer reviewed international journal such as Journal of Public Transportation of University of South Florida (U.S), Journal of Transport Policy
- iv)** Reviewed several technical papers for conferences in India such as UMI 2015 (IUT, MoUD), CTRG 2015 (TRG India)
- v)** 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
 - a. Land Use and Zoning Regulations for Transit Oriented Development (TOD) around Metro Stations/along Metro Corridors in Gurgaon.
 - b. Cable Car as Public Transport for Gangtok, Sikkim; Techno-Economic feasibility report
 - c. Study on Deterministic and Perceived Travel Time: A Case Study of Metropolitan City

Photos of Wokshop on Guidance Documents for TOD, NMT and PBS organized by SUTP, MoUD and Urban Planning Department SPA on 21st May 2016 at SPA Delhi



Workshop technical session in progress



View of audience at the workshop



Invited speakers and experts with faculty at the workshop



2nd semester students with faculty after studio jury examination (May 2016)



4th semester students with jury examiners (May 2016)

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 continue 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 264 books, 424 theses and 63 bound volume of journals were added to the Library. The Library presently has a collection of 83355 books, Journals and documents.

Library has subscribed JSTOR online database having access to more than 2065 online archived journals. Besides, JSTOR 73 print and online journals of reputed publishers such as Taylor & Francis, Sage, Elsevier, ASCE, CUP, John Wiley and Springer etc. are also subscribed. Library has provided the facility of remote access to its users to access the online resources.

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 2015-16, DPU also brought out publications as stated below:

- Annual Report 2014-15 (English)
- Annual Report 2014-15 (Hindi)
- Prospectus - 2015
- SPACE Journal Vol. 18, No. 2, (July – Dec, 2014)
- SPACE Journal Vol. 19, No. 1-2, (Jan – June, 2015)
- 32nd Convocation Booklet/Guest of Honor/Chief Guest Speech
- 33rd Convocation Booklet/Guest of Honor/Chief Guest Speech
- Students Hand Book – 2015-16
- Seminar Series 2014: Research and Documentation Report
- Booklet for integrated First Semester of Master of Planning programme
- 60 years of Urban Planning Department, School of Planning and Architecture, New Delhi
- 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.
- Seasons Greeting cards, Foundation Day Invitation Cards 32nd and 33rd Convocation Invitation Cards,
- Printing of office stationery
- Printing of examination stationery

- Printing of Visiting Cards, I.D. Cards and Parking Stickers
- SPACED Out Student Magazine 2015
- Students Speak
- Heads Speak
- Reflections on Undergraduate Planning Education

Any Other: DPU is also assisting in other administrative works assigned by the competent authority i.e. assisting in vigilance matters of the School, Convener, 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, any other work assigned from time to time.

CASS, GIS AND RS

1. Name of the Centre

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

2. Names of academic programs offered by the Department

Nil

3. Year of establishment of the Department

- Centre for Analysis and System Studies-17 October, 1986.
- Centre for Geographical Information System- 21 January, 2003.
- Centre for Remote Sensing-29 July, 1999.

4. Faculty profile

Name of the Faculty	Educational Qualifications	Designation	Areas of Specialization	Years of Experience
Prof. Dr. Vinay Maitri	M.Sc, Ph.D, MCP, MCSD, FCILT (UK), MIUT, MIRT	Head CASS/ GIS/RS Professor of Programming Controller of Examination	System Analysis and Design, Software Development, Computer Applications, Programming Languages, System Testing, E- content and Documentation, Management Information System (MIS), Data base Management, EDP Auditing, GIS, and ERP. ISO 9000, Customer Satisfaction and Relation, TQM, Project Monitoring and control, Resource Estimation, Requirement Analysis. Market Research. HRD. Quantitative Techniques, Statistics, O.R's Application in Transport, Environment, Urban and Regional, Housing. Transport Economics, Intelligent Transport System	38

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	Subjects (Theory and Studios)	Hours per Week
Prof. Dr. Vinay Maitri	Ist Semester M.Plan Integrated	Planning and Design Studio	3
Prof. Dr. Vinay Maitri	IInd Semester M.Plan (TP)	Transport Economics	2
Prof. Dr. Vinay Maitri	IIIRD Semester M.Plan (TP)	Intelligent Transport System	2
Prof. Dr. Vinay Maitri	IVth Semester M.Plan (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. Prabh Bedi	1st year 2nd Semester (EP).	Computer and its Applications	2
Dr. Manish Kumar	M. Plan students	GIS courses	11
Ms. Priti Deo	2nd year 4th Semester (BP)	Computer and its Applications	2
Mr. Tariq Jamal	B. Arch students	AutoCAD/ Revit Software	11
Mr. Jai Ghildiyal	1st year 2nd Semester (HSG).	Computer and its Applications	1
Mr. Surjeet Singh Saini	1st year 2nd Semester (UP)	GIS Studio	3
Mr. Arun Kumar Sharma	1st year 2nd Semester (UP)	GIS Studio	3

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

Name of the Expert	Semester	Topic	Date
Dr. Manish Kumar	For All Students	Certification Course on Basic GIS and its Applications in Planning.	5th to 9th September 2015

Dr. Manish Kumar	For All Students	Certification Course on Advance GIS & its Applications in Planning.	21st to 23rd December 2015
Dr. Manish Kumar	For All Students	Certification Course on Basic GIS and Its Applications in Planning.	21st to 23rd December 2015
Mr Vikal Jain	For All Students	Certification Course on MS-Excel Basic to Advance	18th January 2016 to 23rd January 2016
Mr Vikal Jain	For All Student	Certification Course on MS-Excel in Statistics	29th and 30th January 2016.
Mr. Tariq Jamaal	For All Students	Certification Training Programme on AutoCAD-Revit 2016	1st February 2016 to 21st March, 2016
Dr. Manish Kumar	For All Students	Certification Training Programme on “GIS and Its Applications for Planning”	6th June 2016 to 17th June 2016.
Mr. Vikal Jain	For Staff	Certification Training Programme on “MS-Excel Basic to Advance”	30 th and 31 st August 2016

8. Department’s involvement in interdisciplinary programs in other departments and organizations:

Revit/Auto-CAD class for 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:

A. Thesis guidance to 2 students of Transport Planning

1. Narender Kumar- Developing of integrated smart card for public transport system, case study- Delhi.
2. Saloni Gupta- Potential of freight transport through Inland waterways.

B. Thesis guidance to 5 students of Kumaun University

1. Vishal Drall- Finding Suitable Sites for Construction Work Using GIS based Site Suitability.
2. Avantika Latwal – Forest Fire Hazard Zonation – A Case study of Nainital District, Uttarakhand.
3. Chanakya Gogoi – An Analysis of the Changing Pattern of Urban Green Infrastructure in Delhi.
4. Kamal Bisht – Master Plan can control and Regulate Urban Growth- A case study of Ranchi.
5. Sonia Sharma – Urban Expansion Analysis and Modelling Using Multi-Temporal Satellite Imagery and Statistical Techniques- A case study of NCT Delhi.

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:

Monitoring of Output and Performance Based Road Contract (OPRC) for improvement, Rehabilitation, resurfacing and routine maintenance for Sangrur Mansa Bathinda network in Punjab (Contract Package No PSRSP/WB/OPRC/I/ICB)/ project funded by World Bank/ PSRSP Punjab and PWD B&R Punjab/ TNM (Technology and Management Ltd.) and IMACS/2015-2016.

14. Details of consultancy projects undertaken by Department (during this year):

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

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

- "Water Supply and Water Quality Information System of Hissar city using GIS technology", International Journal of Science, Engineering and Technology Research (IJSETR), Vol 4, Issue 2, February 2015, pp 250 – 255, ISSN: 2278-7798
- "Landuse changes due to urban sprawl in Alwar city of Rajasthan – A geo spatial approach, International Journal of Science, Engineering and Technology Research (IJSETR), Vol 4, Issue 11, November 2015, pp 3793-3800. ISSN: 2278-7798
- "Need for Information Technology in Logistics", Urban Railways, A Journal of Rail, Metros and Logistics, Vol. XVI No. IV, Oct-Dec 2015, pp32-33,ISSN:0972-2165

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

- a) "ITS based smart supply system", organized by smart supply chain forum 2015, Radisson hotel, New Delhi, 4-5 February, 2015.
- b) "Spirituality and ICT", Northern India Residential unConference for IT professionals' Technology-Rajyoga-Success, organized by IT wing of RE and RF, Jan 23-26, 2016 at ORC, Patudi, Gurgaon

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

Prof. Dr. Vinay Maitri

(a) National Committee:

- i) Member, Advisory Council of IEC College of Eng. and Tech., Greater Noida.
- ii) Member executive committee of Institute of Urban Transport, India.
- iii) Fellow member of Chartered Institute of Transport London, U.K.
- iv) Member Academic Council of SPA

(b) Technical Committee:

- Served as member in Technical committee for Delhi Traffic Police for the purchase/ procurement of
 - Breathe 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, TED 28” of Bureau of Indian Standards.
- Member, Smart Cities Sectional Committee, CED 59” of Bureau of Indian Standards.
- Member, H-8 Committee of IRC on Urban Roads, Streets and Transport.

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

(a) Seminars/Workshops organized by the Centre in SPA Delhi

- Workshops on “100 Cyber Security, along with All India Women’s Education Fund Association (AIWEFA) “ held in New Committee Room on 28 August 2015.
- One day workshop on Antiplagiarism Software Tuniitin, on 27th February 2016 in Old Committee Room.
- One day workshop on QuestionPro Software on 03 June 2016 in New Committee Room.

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

- Conference on Smart Cities organized by ELETS on 3rd July 2015.
- Geowater Seminar on Water Utilities on 14th July 2015 at Hotel Le-Meridien.
- Elets 4th Annual Smart City Conference on 31st July 2015 at Hotel Le-Meridien.
- Seminar on Advancing India Water Infrastructure organized by Bentley on 24th July 2015.

- 100 cyber workshop by All India Women's Education Fund Association (AIWEFA) on 20th August 2015 at IIC.
- National Summit on 100 Smart Cities India on 11th September 2015 at Hotel Sharghri La.
- National Conference on Roadtech Sustainable roads and highways on 9th October 2015 at Hotel le-Meridien.
- International Convention by Chartered Institute of Logistics and Transport India in Dubai from 11th September 2015 to 16th September 2015.
- International conference on Smart Mobility for Smart Cities on 15th September 2015.
- CloudGov Summit and Expo on 16th October 2015.
- ESRI user India conference from 3rd to 4th December 2015, at Hotel Kempinski Ambience, New Delhi, organized by ESRI.
- Workshop on "Standardization of Smart Cities" on 4th February 2016 at Hotel Le-Mariedien, organized by BSI.
- Conference on "Transit Oriented Development (TOD) financing" on 18th February 2016 at IIC.
- Workshop on "Transit Oriented Development" on 22nd February 2016, organized by BSI.
- Workshop on M2M+iot form 2016 on Making Sustainable Smart Villages for India on 23rd April, 2016.

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:

22. NA

23. Internal and external members of the Board of Studies:

NA

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

NA

25. Prominent visitors to the Department of studies:

NA

26. Details of activities under various MOUs during the reporting year:

- a. MoU signed with Question Pro on 29th March 2016 to provide the facility of On-line survey
- b. MoU signed with 3M Company of USA on 28th June 2016 for research activities in the area of Intelligent Transport System.
- c. MoU signed with Acadview on 26th April 2016 for developing and implementing computerized system for Examination work

27. Details of 'beyond syllabus scholarly activities' of the department:

NA

28. Any other information:

(a) Computerization and management of Online Admissions- 2016 work

- Managed, Implementation and handled complete online admission process of Post-Graduation students.
- Run implementation online and off-line Help-Centre and Reporting-Centre Under Online Admissions- 2016

(b) Computerization and management of Online fee system

- Managed online fee system for students

(c) Computerization and management of Online registration System (ACADView)

- Managed and implementation of online registration system for Fresher.

(d) Managing the service related to administration

- Maintaining and managing complete Biometric based attendance system
- Managing and uploading tenders of Purchase and maintenance section on Government e-tender publishing system
- Managing and maintaining SPA web-site.
- Providing admit cards to examination section.
- Support of Video conferencing device.
- Preparing Tenders for Purchase and Maintenance Section.
- Support of CCTV management of School.
- Supporting in purchase of new peripherals for the school.

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

- Asset and Inventory Management of all IT related assets like Servers, PCs, Printers, Scanners etc.
- Managing software/server and their services like libsys library software, ArcGIS, Auto-Desk server, SPSS software, Primavera software, windows server 2012/2008
- Managing and securing network through cyberoam UTM device and through manageable switches etc.
- Managing and maintaining users on the Active Directory for the domain and for the access on Wifi through network controller
- Managing day to day calls and closes them according to their priority and SLA
- Rectifying and management of LAN Network in Planning and Architecture Building.
- Management of RF-Link for LAN network between two buildings at ITO.
- Management and administration of all type of Server, Workstation, Printer, Plotter, Scanner.
- Software management on client machines like Windows 7, AutoCAD, MS office, Adobe Reader, Antivirus.

- Managing McAfee Antivirus Server and their services on Server and Client machines.
- Firewall & UTM Management (Cyberoam 350i) for blocking of unwanted sites, content filtering, unauthorize access on LAN and securing public network.
- Coordination with ISP and NIC to manage NKN connection provided by NIC through MTNL.
- Procuring and support for new hardware for the School.
- Maintaining and managing CCTV security and surveillance system and its backup.
- Preparation and drafting of Tender documents of all IT hardware, equipment and peripherals.

(f) **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 and 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 and faculties for academic purpose.
- Managing Preventive maintenance of System, Network and LAN etc.
- Email ID creation and configured mail software like outlook and Mac Mail.
- Health and Network monitoring to ensure virus free environment
- Installed, configured and maintained the regular updates of Antivirus on client machine.
- Regular up-dation of website content.
- Creation of E-mail id for Faculty and Staff members
- Providing regular support on Apple mac machine and laptop.

(g) **Support Staff:**

Name and Designation	Qualification and Specialization
Sh. Shanti Swaroop (Jr. System Analyst)	B.Sc (Computer Sc.) , Advanced Network Management
Sh. Jagdish Kumar (Jr. System Analyst) on deputation to RLDA, Ministry of Railways, GOI	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.
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(h) **Infrastructure and facilities available in the Centre/Section/Unit in CASS and GIS**

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

Hardware	Name	Quantity	Company/Model
1. Computer	HP Machines Mac Machines	43 (23 GIS, 20 CASS) 5 (CASS)	HP Apple
2. Printers/Scanners/Plotters	Laser Jet	8 1	HP Canon
3. Switches	24 Port, 48 Port	3 (24port x2, 48 port x1)	D-Link , Cisco
4. Wi-Fi	Access Points	1	D-Link
5. Cyberoam 300i	Internet Firewall	1 (300 user support)	Taarak India private limited

Software	Name	Quantity (No, of licenses)	Company/ Model	Other detail
1. SPSS Statistics 20.0		10	SPSS	
2. ArcGIS 10.1		20	ESRI India	MoU with
3. ArcView 10.1		20	ESRI India	Autodesk
4. ArcInfo 10.1		2	ESRI India	For whole School
5. ERDAS Imagine 9.3		5	ERDAS	MoU with
6. LPS ERDAS 2011		5	ERDAS	Bentley
7. Primavera P6		4	CADD	For Whole
8. Primavera Risk Contractor		10	Auto Desk	School
9. Primavera Risk Analysis		-	Apple	
10. Auto Desk 2012 master suit all software		-	Apple	
11. UC-WIN		2	Apple	
12. Win 2008 Server (32 & 64 Bit)		25	Apple	
13. MS Office 2007		350	Microsoft	
14. MS Office 2010		12	Apple	
15. Vector Works		2	Bentley	
16. Final Cut Studio		-	Bentley	
17. Apple iwork 09		-	Bentley	
18. Mac office 2008 Student Edition		1	Bentley	
19. File Maker pro Server		-	Quick-heal	
19. Windows 7 Ultimate		1	Balani Infotech	
20. Mac OS 10 Server		-		
21. Bentley (MicroStation & other utility software extensions)		-		
22. Bentley other utility software extensions		-		
23. Bentley- Advanced GeoStructural Analysis		One with 300 students account.		
24. Bentley- STADD. Pro				
25. Quick-heal Anti-virus				
26. Turnitin Online Software for Plagiarism				

Other Equipment (I.e. camera, calculator, handy cam etc.)	Name	Quantity	Company/ Model
Webcam	Logitech	1	Logitech

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

Hardware	Name	Quantity
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

S. No.	Aerial Photographs	Quantity
1	Jaipur Rajasthan Task No. 798-B: 39/85	136
2	Jaipur Rajasthan Task No. 798-B 39/86	184
3	Banswara Rajasthan 1350-B	113
4	Ujjain 1108-B	73
5	Sidhi Madhya Pradesh 1396-b	55
6	Gangi Nadi (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

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

- Celebrating 25 years of Department of Environmental Planning, dt. 13 May 2015
- 60 glorious years of the establishment of Department of Urban Planning, dt. 21 November 2015
- Ambassador of Switzerland is inaugurating exhibition, Department of Urban Design at Architecture Block, dt.16 October 2015
- Anti-ragging poster in planning building, dt. 24 July 2015
- Celebrating 25 years of department of Environmental Planning, dt. 13 May 2015
- Certificate course on data handling with MS-Excel, dt. 18 January 2016
- Certificate course on data handling with MS-Excel, dt. 29 January 2016
- Certificate course on GIS and its application in planning with advance GIS, 21-23 December 2015
- Constitution Day, 26 November 2015
- Convocation 2015, (group photo)
- Convocation at Sirifort auditorium, 8 March 2016
- Cyrus Jhabvala memorial lecture 2016, exhibition panel of selected work, on 2 march 2016
- DRC meeting, Department of Physical Planning on 23 February 2016
- DRC Physical Planning, 10 March 2016
- Exhibition landscape foundation students design competition 2015. Dt. 28 to 30 October 2015
- Express talks explaining the big story with Seema Chishti on new politics, new cities, dt. 16 September 2015
- Farewell of Sh. Dhani Ram, dt. 30 September 2015
- Farewell of Sh. Harish Lalwani, dt. 31 December 2015
- Farewell of Smt. Lalita Dhall, dt. 20 May 2015
- Foundation day, dt. 19 November 2015

- GIS Training, dt. 6-7 October 2015
- GIS training programme by CASS, dt. 5 October 2015
- Google mail and apps, dt. 4 January 2015
- Hindi Committee meeting on 14 September 2015, 15 December 2015, and, 10 February 2016
- Inter-disciplinary workshop and competition on community space design, dt. 27 August 2015
- International Conference on Risk and Resilience Hill Areas, dt. 15 October 2015
- International Day of Yoga, dt. 19 January 2015
- International nonviolence day (taking pledge), dt. 30 September 2015
- Jury of various departments April-May 2015 and December 2015
- Landscape colloquium, welcome Ms. Khalilah BT. Zakariya and students Department of Landscape Architecture, International Islamic University of Malaysia-in SPA-D on 29 February 2016
- Learning from India's neighbourhood planning experience by Dr. Sanjeev Vidyarthi on 2 march 2016
- MoU sign by Melbourne university, Department of Urban Design, dt. 17 August 2015
- MoU sign by SPA-D, and Center for Urban and Regional Excellence, dt. 14 January 2016
- MoU-ITS, dt. 23 January 2015
- Mr. W U Sikang, Chief Advisor Shenzhen Mayor in SPA-D on September 3, 2015
- National Integration Day, Sardar Vallabhbai Patel 140th Anniversary Celebration in SPA-D, dt. 5 November 2015
- New year celebration 1st January 2016
- Orientation programme PG students, dt. 21 July 2015
- Orientation programme UG students, dt. 27 July 2015
- Ph.D. award by Director on 24 January 2015
- Ph.D. DRC Department of Physical Planning, dt. 21 August 2015
- Physical Planning, dt. 18 May 2015
- Plantation Day at MB hostel, dt. 16 August 2015
- Poster Vigilance Day, October 30, 2015
- Preventive vigilance as a tool of good governance, dt. 26 October to 31st October 2015
- REVIT course conducted in GIS lab on 4 February 2016
- Silver jubilee celebration of Department of Physical Planning, dt. 28 November 2015
- Silver jubilee celebration of Department of Environmental Planning, dt. 28 November 2015
- SPA Bhopal visit to SPA Delhi, dt. 12 December 2015
- SPA Building, April 2015
- SPA Planning Complex photo, July 2015
- 20 Special Lectures organised by various departments

- Student activity may 2015
- Student in class activity, dt. 10 April 2015
- Students activity Department of Industrial Design, 15 May 2015
- Sustainability partnerships roundtable (Department of Industrial Design), dt. 16 October 2015
- Swachh Bharat Abhiyan, 29 January 2016
- Swachh Bharat Mission take swachhta pledge, all students ,faculty of housing on 02 February 2016
- Swachh Bharat mission take swachhta pledge, all students, faculty on 29 January 2016
- Department of Transport Planning organized a presentation on smart city to be delivered by Dr. Jitender Bajpai on 3rd February 2016
- Vector works 2015 training@ SPA Delhi, dt. 25, 26, 27 May 2015
- Visit to Bhalashwa JJ Colony on 16 march 2016, Department of Physical Planning
- Web seminar by Dr. Vinay Mairty, dt. 13 May 2015
- Women in Architecture in India one day seminar at IIC, dt. 6 January 2015
- Workshop HSBSS, 2 January 2015
- Workshop landscape interaction, Department of Landscape Architecture, dt. 11 January 2016
- Workshop Mapinfo in the GIS lab, dt. 18 April 2015
- Workshop on a training programme on prevention of sexual harassment at workplace Act.2013, dt. 10 April 2015
- Workshop on accessible India (Suganya Bharat) an interactive discussion and lecture by Dr. Victor Pineda, 19 January 2016
- Workshop on exploring the new thesis module, Department of Architecture, dt. 22 December 2015
- Workshop on towards a holistic approach to city planning at IIC, dt. 8 April 2015
- Workshop on understanding key issues and constraints of Rti Act 2005 by Dr. H.S Rana, Director, I.P.A. Bangalore, 13-14 January 2016
- Workshop photo (architecture), 27 July 2015
- Workshop revision of the rules of the road regulations, dt. 21 August 2015
- Workshop TERRI at IHC, 3 January 2015
- Workshop the cyber security organized by Centre for Analyses and System Studies on 10 February 2016
- Workshop, Philips Lighting Academy and SPA-D Present Light and Lighting, Department of BEM, dt. 24-26 August 2015
- Workshop on Light and Lighting, Philips Lighting Academy SPA-Delhi (Department of BEM), dt. 16 to 18 December 2015
- Zee News Interview, dt. 20 November 2015
- हिन्दी सुलेख प्रतियोगिता तिथि 22 सितंबर 2015 को सम्पन्न हुआ।

5. School Events covered in Architecture Block

Faculty / Department	Description of Work
• Dean of Studies	XXXII Convocation (Stills) XXXII Convocation (Video)
• Dean of Studies	XXXIII Convocation (Stills) XXXIII Convocation (Video)
• Ms Arpita Dayal	Architecture Design work (Drawings) Final assignment (1st C) Models MD and Design sheets Drawings (1st C)
• Ms.Vandna Kothari	Assignment on Old Fort Painting Sketches on Badami Still live drawings 1st A Typography 1st A Study of flower composition 1st B Pen and Ink Drawings 1st C Art Appreciation Assignment 2nd B Chair, Bottle, Cat study 2nd B Study of Trivani Kala Sangam 2nd B Student's activities in Art room Tessellation 1st C
• Prof. Dr. V.K. Paul (BEM)	Foundation level course on Light and Lighting in collaboration with Philips Lighting Academy.
• HOD (Architecture)	Condolence of Prof. M. Shaheer
• HOD (Architecture)	Condolence of Student
• Director	The Essence of Tradition in Modern Architecture (Cyrus Jhabwala), Conducted by Shri Raj Rewal at IIC
• HOD (Architecture)	Farewell of Sh. Dhani Ram
• Dr. Leon	Architecture Design Assignment 1st B
• HOD (Architecture)	Everest Award of Excellence
• HOD (Architecture)	Foundation Day (Stills), Foundation Day (Video)
• Prof. Dr. V.K.Paul (BEM)	Lighting Design Exercise, Pledge (Swachh Bharat)
• JURY (May 2016) Ms. Mekhla	Site Plan and Concept Sheets Studio Activity and Models
• JURY (Nov Dec), Ms. Arpita Dayal	Model and Studio Pics,

- Ms. Mekhla Drawings and Models
- Ms. Parul Kiri Roy Exhibition and Display in Auditorium
- Sh. Shuvojit Sarkar Portfolio (Design Graphic & BC) 1st Y
- Director Celebrating a Life at ICCR (Stills),
Kanvinde@100
Kanvinde@100 (Video)
- Registrar Matri Bhasha Diwas
- Ms. Anjali Model, Drawings and Studio pics IIIrd year
1st Semester
- Dean of Studies Orientation Program
- Dr. Vinay Maitri (CASS) Introductory session on TURNITIN
- Prof. Dr. P.S.N. Rao Tata Awards
The rise of private slum developers in Bangla Desh and India
(Hero or Villains)
- Prof. R. Biswas Interactive session with students Talk on 20th Jan 2016
- Prof. Dr Ranjana Mittal Pledge Swatch Bharat
Practical training session by 3rd year students to 1st year students
- HOD (Architecture) Special lecture by Mr. Rahul Malhotra
- Mr. Shuvojit Sarkar Contour Building Management,
Cross Section work 1st A (Drawings), Cross Section work of
students
- Dr. Umesh (Sports) TWARAN 2016, ATHLOS, Yoga Day
- Dr. Mandeep Singh Guru Ravi Das Memorial Complex Model of Ms Tamanna
- Dr. V.K.Paul (BEM) Pledge in BEM Studio
- HOD (Architecture) Vasant Kunj competition entries
- HOD (Architecture) Special lecture by Mr. Vistap
- Sushil Khandelwal : Conducted Photography Lectures in Department of Physical
Planning for 1st year first semester students (Planning
Communication).

Arrangement of Public Address Systems in various Programs,
Special Lectures and other important events of the School.

Exhibition and Display in Auditorium Exhibition and Display in
Auditorium

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 (1 April, 2015 to 31 March, 2016), following meetings were held of the General Council, Executive Council, Academic Council, Finance Committee and Building Committee:-

(i) General Council	-----
(ii) Executive Council	2 meetings
(iii) Academic Council	2 meetings
(iv) Finance Committee	2 meetings
(v) Building Committee	2 meetings

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1 APRIL 2015 TO 31 MARCH 2016**

GENERAL COUNCIL

3 (i) (d)	a)	The Chairman	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).	M.P. (Lok Sabha) M. P. Rajya Sabha	
	(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 Naoroji Road, Ramabai Ambedkar Marg, Dhobi Talao, Mumbai-400001	
		(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 and B) B-Block, Vikas Bhawan, New Delhi-110002	
	(g)	A representative of the University Grants Commission (UGC).	Ms.Sunita Surya Kohli 31 st , 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, 1 st Floor, 13 Solapur Bazar, Off East Street, Pune-411001	
			Ar. Paresh Kapadia 7B, Shiv Kripa, 'H' Old Nagardas Road, Andheri (east) Mumbai-400069	Ar. Vilas Avachat Vice President, IIA 312, Kalyandas Udyog Bhawan, Near Century Bazar, Prabhadevi, Mumbai-400025 w.e.f: 09.11.2015

	(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 7 th 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	Prof. Dr. Mandeep Singh Dean of Studies w.e.f: 19.08.2015
	(o)	All the Heads of the Departments of Studies	Prof. Dr. Mandeep Singh Head of the Department of Architecture.	Prof. Manoj Mathur Head of the Department of Architecture w.e.f: 19.08.2015
			Prof. Dr. Sanjukta Bhaduri Head of the Department of Urban Planning	Prof. Dr. Sanjay Gupta Head of the Department of Urban Planning w.e.f: 31.12.2015
			Prof. Dr. Ashok Kumar Head of the Department of Regional Planning	Dr. Vinita Yadav Head In-charge Department of Regional Planning w.e.f: 22.05.2015
			Prof. Dr. Meenakshi Dhote, Head of the Department of Environmental Planning	
			Prof. Dr. P.S.N.Rao Head of the Department of Housing	
			Prof. Dr. P. K. Sarkar Head of the Department of Transport Planning	
			Prof. Dr. Rommel Mehta Head of the Department of Landscape Architecture	
			Shri. Arunava Dasgupta Head In-charge Department of Urban Design	
			Prof. Dr. V. K. Paul, Head of the Department of Building Engineering & Management	

			Dr. R. Biswas Head of the Department of Physical Planning	
			Prof. Dr. Priyaleen Singh Head of the Department of Architectural- conservation	
			Prof. Neerja Tiku, Head of the Department of Industrial Design	
	(p)	Eight representatives of Teachers, three each from amongst (i) the Professors other than the Heads of Departments, (ii) Assistant Professors, and two from amongst Lecturers by rotation, for a period of one year, in order of seniority.	Prof. Dr. Aruna Ramani Grover Professor of Architecture Prof. Dr. Anil Dewan Professor of Architecture Prof. Dr. Jaya Kumar, Professor of Architecture Shri Parag Anand Meshram Associate Prof. of Industrial Design Dr. Vinita Yadav Associate Prof. of Regional Planning Ms. Anuradha Chaturvedi Associate Prof. of Arch. Conservation Shri S. P. Shrivastava Assistant Prof. of Civil Engg. Ms. Taru Jain Assistant Prof. of Physical Planning	
	(q)	Three persons representing the Alumni Association	Prof. Kavas Kapadia C-98, Preet Vihar 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)	Two representatives of the students, elected one each from amongst the students of the final year classes of (i) Post-graduate and (ii) Under-graduate Courses.	The General, Secretary (PG) Student-BEM SPA, New Delhi The General Secretary (UG) SPA, New Delhi	
	(s)	Such other members of the Executive Council as are not members of the General Council	Shri. Rajesh Singh Director (T), MHRD, Shastri Bhawan, New Delhi-01	Shri S. P. Goyal Joint Secretary (T), MHRD, Shastri Bhawan, New Delhi-01 w.e.f: 12.11.2015
			Shri. Rajesh K. Kaushal Chief Arch, NDR, CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01	Shri Rajesh Kr. Dhiman CPWD, Room No.301, Arch-A-wing, Nirman Bhawan, New Delhi-110001 w.e.f: 21.05.2015
			Nominee of GOI, to represent Urban and Regional Planning, MHRD, Shastri Bhawan, New Delhi-110001	
			The President (ITPI) 4 Ring Road, I.P. Estate, New Delhi – 110002	
			Ar. Divya Khush Vice president of the IIA 6/402, East End Apartment, Mayur Vihar, Delhi-96	

			Mr. O. P. Goel B-XI/8091, Vasant Kunj, New Delhi-70	Mr. H C S Berry, FIE 'Shantikunj' 406 Karoran Road, Naya Gaon, Chandigarh- 160103 w.e.f: 03.08.2015
			Ar. Vijay Garg 532, Modern Apartment, Sector-15, Rohini, New Delhi-85	
		Registrar of the School	Prof. Dr. P.S. N. Rao Registrar- Secretary	

**CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL
FROM 1 APRIL 2015 TO 31 MARCH 2016**

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, 1 st Floor, Manit Bhopal, MP-462051	
			Mr. R. K. Safaya C-25, 1 st Floor, Jangpura extn. 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 & Technology Murthul, Sonapat-131027.	Mr. Ashok B. Lall Architects 2 B Ramkishore Road, Civil Lines, New Delhi-110054 w.e.f: 11.09.15
	(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	Ar. Sunil Degwekar Hon. Treasurer, IIA, Swanand Sadanika, Flat No. Tb-1, Plot No.U-1, Scientific Society Layout, Laxmi Nagar, Nagpur-440022 w.e.f: 09.11.15
	(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	Prof. Pushplata Deptt. of Architecture and Planning, Indian Institute of Technology, Roorkee, Uttarakhand, India-247667 w.e.f: 09.09.15
	(g)	Dean of Studies of the School	Prof. Nalini Thakur Dean of Studies	Prof. Dr. Mandeep Singh Dean of Studies w.e.f: 19.08.2015
	(h)	All the Heads of the Departments	Prof. Dr. Mandeep Singh Head of the Department of Architecture.	Prof. Manoj Mathur Head of the Department of Architecture w.e.f: 19.08.2015
			Prof. Dr. Sanjukta Bhaduri Head of the Department of Urban Planning	Prof. Dr. Sanjay Gupta Head of the Department of Urban Planning w.e.f: 31.12.2015
			Prof. Dr. Ashok Kumar Head of the Department of Regional Planning	Dr. Vinita Yadav Head In-charge Department of Regional Planning w.e.f: 22.05.2015
			Prof. Dr. Meenakshi Dhote, Head of the Department of Environmental Planning	

			Prof. Dr. P.S.N.Rao Head of the Department of Housing	
			Prof. Dr. P. K. Sarkar Head of the Department of Transport Planning	
			Prof. Dr. Rommel Mehta Head of the Department of Landscape Architecture	
			Shri. Arunava Dasgupta Head In-charge Department of Urban Design	
			Prof. Dr. V. K. Paul, Head of the Department of Building Engineering & Management	
			Dr. R. Biswas Head of the Department of Physical Planning	
			Prof. Dr. Priyaleen Singh Head of the Department of Architectural- conservation	
			Prof. Neerja Tiku, Head of the Department of Industrial Design	
	(i)	All Professors other than the Heads of the Departments	Prof. Dr. N. Sridharan Professor of Regional Planning,	
			Prof. Dr. Sanjukta Bhaduri Professor of Urban 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. M. L. Bahri Professor of Architecture	
			Prof. Dr. Mandeep Singh Professor of Architecture	
			Prof. Dr. Vinay Maitri Prof. of Programming and Head, CASS	
			Prof. Dr. Surinder K. Suneja Prof of Landscape Architecture	
			Prof. Dr. Ashok Kumar Prof. of Physical Planning	
			Prof. Nalini Thakur Prof. of Architectural- conservation	
			Prof. Dr. Mahavir, Prof. of Environmental Planning	
			Prof. Y. K. Jain, Prof. of Civil Engineering, Department of 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	Shri Probhjot Singh Sugga, Assistant Professor of Architecture	Ms. Chidambara, Assistant Professor of Urban Planning w.e.f: 01.09.2015
			Ms. Parul Kiri Roy Assistant Professor of Architecture	Dr. P. Rajaprakash Assistant Professor of Architecture w.e.f: 01.09.2015
			Ms. Moulshri Joshi Assistant Professor of Architecture	Shri. M. Palaniappan, Assistant Professor of Urban Planning w.e.f: 01.09.2015
			Shri Shuvojit Sarkar Assistant Professor of Architecture	Shri. S. K. Aaditya Assistant Professor of Architecture w.e.f: 01.09.2015
			Shri S. P. Shrivastava Assistant Professor of Civil Engineering	Dr. Sewa Ram Associate Professor of Transport Planning w.e.f: 01.09.2015
			Ms. Taru Jain Assistant Professor of Physical Planning	Dr. Mayank Mathur Associate Professor of Physical Planning w.e.f: 01.09.2015
	(k)	A Representative of SPA Alumni Association	The Chairman, SPA Alumni Association New Delhi-110002	
		Registrar of the School	Prof. Dr. P.S. N. Rao Registrar- Secretary	

**CONSTITUTION AND MEMBERSHIP OF THE EXECUTIVE COUNCIL
FROM 1 APRIL 2015 TO 31 MARCH 2016**

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	Shri. Rajesh Singh, Director (T), MHRD, Shastri Bhawan, New Delhi-01	Shri S. P. Goyal Joint Secretary (T), MHRD, Shastri Bhawan, New Delhi-01 w.e.f: 12.11.2015
		(ii) Housing	Shri. Rajesh K. Kaushal Chief Arch, NDR, CPWD, Room No-301, A-Wing Nirman Bhawan, New Delhi-01	Shri Rajesh Kr. Dhiman CPWD, Room No.301, Arch-A-wing, Nirman Bhawan, New Delhi-110001 w.e.f: 21.05.2015
		(iii) Urban and Regional Planning	The Jt. Secretary (Nominee of GOI, to represent Urban and Regional Planning), MHRD, Shastri Bhawan, New Delhi-110001	
		(iv) Finance	The Jt. Secretary & Financial Advisor, GOI, MHRD, Shastri Bhawan, New Delhi-01	
	(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	Mr. H C S Berry, FIE 'Shantikunj' 406 Karoran Road, Naya Gaon, Chandigarh- 160103 w.e.f: 03.08.2015
	(f)	Dean of Studies of the School	Prof. Nalini Thakur Dean of Studies	Prof. Dr. Mandeep Singh Dean of Studies w.e.f: 19.08.2015
	(g)	Three Head of Department namely: (i) Head of the Department of Architecture.	Prof. Dr. Mandeep Singh HOD-Architecture	Prof. Manoj Mathur HOD-Architecture w.e.f: 19.08.15
		(ii) Head of the Department of Regional Planning and	Prof. Dr. Sanjukta Bhaduri HOD-Urban Planning	Prof. Dr. Sanjay Gupta HOD-Urban Planning w.e.f: 15.05.15
		(iii) One from amongst the Head of other Department, by rotation.	Dr. R. Biswas HOD- Physical Planning	Prof. Dr. Meenakshi Dhote HOD- Environmental Planning w.e.f: 21.07.15
	(h)	One Associate Professor of the School, by rotation, according to seniority.	Dr. Mayank Mathur Associate Professor of Physical Planning	
	(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, New Delhi-85	
		Registrar of the School	Prof. Dr. P.S. N. Rao Registrar- Secretary	

**CONSTITUTION AND MEMBERSHIP OF THE BUILDING COMMITTEE
FROM 1 APRIL 2015 TO 31 MARCH 2016**

BUILDING COMMITTEE

	Director of the School Chairman	Prof. Chetan Vaidya	
	Nominee of the Executive Council	Ar. Divya Khush 6/402, East End Apartment, Mayur Vihar, Delhi-96	
	Two Nominees of faculty of the School to be nominated by the Director	1. Prof. Dr. Mandeep Singh Dean and Prof. of Architecture 2. Prof. Dr. V. K. Paul HOD - BEM	
	Chairman Campus Management Committee	Prof. Manoj Mathur HOD- Architecture	
	Representative of Ministry of Urban Affairs and employment Finance3 Branch (work)	Ms. Yashodhara Vijayan Deputy Secretary (F) GOI, Ministry of Urban Development, Finance Divison, Nirman Bhawan, New Delhi-01	Smt. S. K. Ram Deputy Financial Advisor, GOI, Ministry of Urban Development, Finance Divison, Nirman Bhawan, New Delhi-01 w.e.f: 07.04.2015
	Director General of CPWD or his nominee	The Director-General, CPWD, I.P. Bhawan, I.P.Estate, New Delhi-01	Shri R. K. Dhiman Chief Architect (Works), Central Public Works Department, Nirman Bhawan New Delhi - 110011 w.e.f: 06.04.2015
	A nominee of Government of India to Represent Technical Education.	Shri. Rajesh Singh Director (T) Ministry of Human Resource Development, (Dept. of Higher Education), GOI, Shastri Bhawan, New Delhi-01	Shri S. P. Goyal Joint Secretary (T), Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi-110001 w.e.f: 12.11.2015
	Registrar of the School	Prof. Dr. P.S. N. Rao Registrar- Secretary	

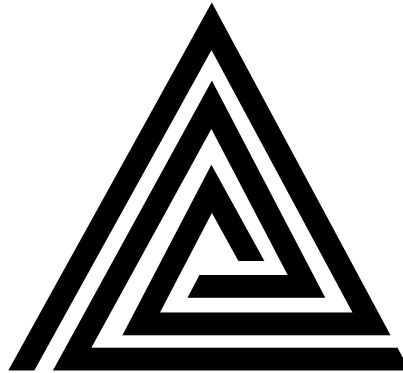
**CONSTITUTION AND MEMBERSHIP OF THE FINANCE COMMITTEE
FROM 1 APRIL 2015 TO 31 MARCH 2016**

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 (ii) Finance	1. Shri. Rajesh Singh Director (T), MHRD, Shastri Bhawan, New Delhi-110001 2. The Director (F) MHRD, Shastri Bhawan, New Delhi-110001	1. Shri S. P. Goyal Joint Secretary (T), Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi-110001, w.e.f: 12.11.2015
	(c)	No nomination has been received from UGC for this constituency.	-	-
	(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	Ar. Vijay Garg 532, Modern Apartment, Sector-15, Rohini-110085 w.e.f: 05.02.2016
			Prof. J. H. Ansari 138, Zakir Bagh New Delhi-25	Prof. H. B. Singh D-6, Seemant Vihar, Kaushambi, Ghaziabad, U.P-201010 w.e.f: 05.02.2016
		Registrar of the School	Prof. Dr. P.S. N. Rao Registrar- Secretary	

FINANCIAL STATEMENTS

ASSESSMENT YEAR : 2015-16



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

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET AS ON 31-03-2016

(Amount Rs.)

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	35,51,704	658,62,260
DESIGNATED/ EARMARKED/ENDOWMENT FUNDS	2	3707,21,886	3764,64,805
CURRENT LIABILITIES AND PROVISIONS	3	1665,13,539	1410,37,923
TOTAL		5407,87,129	5833,64,988

APPLICATION OF FUNDS	Schedule	Current Year	Previous Year
ASSETS			
FIXED ASSETS			
Tangible Assets	4A	1304,74,601	1283,87,854
Capital Work in Progress	4B	64,87,185	63,47,654
INVESTMENTS-FROM EARMARKED/ ENDOWMENT FUNDS	5	1447,73,304	1359,18,006
INVESTMENTS-OTHERS	6	608,19,689	831,87,110
CURRENT ASSETS	7	1249,34,046	819,65,358
LOANS, ADVANCES AND DEPOSITS	8	732,98,304	1475,59,006
TOTAL		5407,87,129	5833,64,988

SIGNIFICANT ACCOUNTING POLICIES	19
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	20

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

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
CA. SUNDER KUMAR SHARMA
PARTNER

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

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

Sd/-
PROF. CHETAN VAIDYA
DIRECTOR

PLACE : NEW DELHI
DATE : 30/06/2016

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD
ENDED 31-03-2016

(Amount Rs.)

INCOME	Schedules	Current Year	Previous Year
ACADEMIC RECEIPTS	9	596,59,074	454,87,503
GRANTS/SUBSIDIES RECEIVED	10	2600,00,000	2981,00,000
INTEREST EARNED	11	121,81,632	254,74,103
OTHER INCOME	12	251,79,967	143,82,166
TOTAL (A)		3570,20,673	3834,43,772
EXPENDITURE			
STAFF PAYMENTS AND BENEFITS	13	2692,46,211	2703,26,091
ACADEMIC EXPENSES	14	340,76,921	205,20,923
ADMINISTRATIVE AND GENERAL EXPENSES	15	807,45,848	615,40,437
TRANSPORTATION EXPENSES	16	4,63,805	4,73,520
REPAIR & MAINTENANCE EXPENSES	17	353,60,867	221,71,324
OTHER EXPENSES	18	94,12,153	47,44,348
TOTAL (B)		4293,05,805	3797,76,643
BALANCE BEING EXCESS OF EXPENDITURE OVER INCOME (A-B)		(722,85,132)	36,67,129
TRANSFER TO SPECIAL RESERVE (SPECIFY EACH)		-	-
TRANSFER TO/FROM GENERAL RESERVE		-	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO RESERVES AND SURPLUS		(722,85,132)	36,67,129
SIGNIFICANT ACCOUNTING POLICIES	19		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	20		

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

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
CA. SUNDER KUMAR SHARMA
 PARTNER

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

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

Sd/-
PROF. CHETAN VAIDYA
 DIRECTOR

PLACE : NEW DELHI
DATE : 30/06/2016

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

SCHEDULE 1 - CORPUS/CAPITAL FUND	Current Year	Previous Year
A) Corpus Fund		
Balance as at the beginning of the year	38,38,640	
Add: Contributions towards Corpus Fund	-	38,38,640
Transfer from Consultancy Fund	9,86,844	-
Transfer from DASA Fees	14,49,466	-
Total A	62,74,950	38,38,640
B) Reserves and Surplus	Current Year	Previous Year
Balance as at the beginning of the year	620,23,620	620,23,620
Add: Interest Reserve account From GPF/CPF	41,38,064	
	661,61,684	
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	(722,85,132)	-
Add: Excess of Income over expenditure from GPF/CPF	34,00,202	
Total B	(27,23,246)	620,23,620
Total A+B	35,51,704	658,62,260

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

	Fund Wise Breakup				Total	
	Fixed Asset & Building Fund	GPF/CPF Fund	New Pension Scheme	Endowment Fund (Schedule-2A)	Current Year	Previous Year
SCHEDULE 2 - DESIGNATED / EARMARKED / ENDOWMENT FUNDS						
A a) Opening balance of the funds	2382,49,027	1371,90,960	2,83,232	7,41,586	3764,64,805	3730,16,939
b) Additions during the year:					-	-
1) Income from Investments made on account of funds				61,520	61,520	66,334
2) Accrued Interest on Investment/Advances					-	-
3) Interest on Saving Bank A/c					-	-
4) Addition of new fund				1,00,000	1,00,000	2,20,000
a) Adjustment in NPS Fund					-	-
b) Adjustment in GP Fund					-	-
c) Refund of Advance		16,04,030			16,04,030	8,68,541
d) interest credited in CPF Account		20,32,546			20,32,546	17,89,035
e) interest credited in GPF Account		99,14,514			99,14,514	86,79,127
f) School Contribution to CPF/NPS		3,94,088			3,94,088	3,83,650
g) Staff Subscription to CPF		19,77,500			19,77,500	15,60,000
h) Staff Subscription to GPF/NPS		217,34,856			217,34,856	196,66,300
i) Gifted Capital	30,081				30,081	23,836
j) Capital Expenditure - Plan					-	-
k) Capital Expenditure - Non Plan					-	-
TOTAL (A)	2382,79,108	1748,48,494	2,83,232	9,03,106	4143,13,940	4062,73,762
B Utilisation/Expenditure towards objectives of funds						
i. Capital Expenditure-depreciation	206,30,261	-	-	-	206,30,261	82,09,557
ii. Revenue Expenditure	-	-	-	-	-	55,203
- Final Withdrawals by staff	-	188,23,729	-	-	188,23,729	215,44,197
- Transfer to reserve account		41,38,064			41,38,064	-
TOTAL (B)	206,30,261	229,61,793	-	-	435,92,054	298,08,957
CLOSING BALANCE AT THE YEAR END (A-B)	2176,48,847	1518,86,701	2,83,232	9,03,106	3707,21,886	3764,64,805

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

S. No.	Name of the Endowment	Opening Balance		Addition during the year		Total	Expenditure on the object during the year	Closing Balance
		Endowment with Interest	Interest	Interest	Interest			
1	Shreya Anand Gold Medal A/c.	88,800	-	8,648	-	97,448		97,448
2	Nomi Bose Endowment	(7,918)	-	302	-	(7,616)		(7,616)
3	Prof. S.K. Narayana Gold Medal	98,335	-	8,648	-	1,06,983		1,06,983
4	Ved Prakash Saini Memorial Award	692	-	1,039	-	1,731		1,731
5	Subash Paranjape Mamorial Award	24,714	-	761	-	25,475		25,475
6	Krishna Saini Gold Medal	34,025	-	2,920	-	36,945		36,945
7	Prof. C.M. Master Memorial Award	(71)	-	-	-	(71)		(71)
8	Narendra Juneja Memorial Award	1,38,222	-	6,979	-	1,45,201		1,45,201
9	Setur Ananamma Award	2,056	-	-	-	2,056		2,056
10	Prof. T.J. Manickam Memorial Award	(75,210)	-	5,196	-	(70,014)		(70,014)
11	L.R. Vagle	65,822	-	4,397	-	70,219		70,219
12	Vandana Goel Gold Medal Fund	35,374	1,00,000	3,459	-	1,38,833		1,38,833
13	M.R. Agnihotri Fund	23,124	-	1,730	-	24,854		24,854
14	N.S. Saini Gold Medal	1,13,621	-	-	-	1,13,621		1,13,621
15	J.K. Chaudhary Fund Trust	2,00,000	-	17,441	-	2,17,441		2,17,441
	Total	7,41,586	1,00,000	61,520	1,00,000	9,03,106	-	9,03,106

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

	Current Year			Previous Year Total
	School	Consultancy Fund	GPF/CPF New Pension Scheme	
SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS				
A. CURRENT LIABILITIES				
1. Deposits from staff	13,41,992			13,41,992
2. Security Deposits from students	186,00,035			186,00,035
3. Student Association fees	153,58,280			153,58,280
4. Sundry Creditors				-
a) For Goods and Services	20,93,085			20,93,085
b) Others	2,33,962			2,33,962
5. Deposits-Others (Including EMD, Security Deposit)				-
a) Deduction from Salary	33,65,952			33,65,952
b) Earnest Money Deposit/Security Deposit	66,70,325			66,70,325
6. Statutory Liabilities				-
a) Overdue	-			-
b) Others	27,69,850			27,69,850
7. Other Current Liabilities				-
a) Salaries	-			-
b) Sponsored projects	434,71,110			434,71,110
c) Sponsored fellowship & Scholarships	58,15,206			58,15,206
d) Unutilised Grants	-			-
e) Grants inadvance	-			-
f) Other Liabilities	17,92,728			17,92,728
g) Payable to consultancy project subsidiary accounts	-	225,44,814		225,44,814
h) Outstanding Expenses				-
Academic Expense	-			-
Administrative Expense	49,47,980			49,47,980
Repair and Maintenance	31,940			31,940
Establishment Expense	70,76,152			70,76,152
Concerned PDF Departments	-	71,76,364		71,76,364
i) Stale Cheques	12,53,680			12,53,680
j) Leave Salary Contribution	5,03,039			5,03,039
k) Pension Contribution	8,28,100			8,28,100
l) Pension Payable	33,61,182			33,61,182
m) Payable to Spa	-		138,53,206	138,53,206
n) CSAB Counselling Center	1,41,748			1,41,748
TOTAL (A)	1196,56,346	297,21,178	138,53,206	1665,13,539
				1410,37,923

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31.03.2016

SCHEDULE 3(a) SPONSORED PROJECTS

(Amount Rs.)

S. No.	Name of the Project	Opening balance		Receipts/Recoveries during the year	Total	Expenditure during the year		Closing balance	
		Credit	Debit			Credit	Debit		
i	Framework for Effective People	41,780	-	-	41,780	-	-	41,780	-
ii	Ministry of Human Resource Development								
(a)	Development of a National Urban Transportation System	21,597	-	-	21,597	-	-	21,597	-
(b)	Development of Remote Sensing & Photogrammetry	3,678	-	-	3,678	-	-	3,678	-
(c)	Natural Hazard Mitigation in the Earth Quake Prone Himalayas	68,151	-	-	68,151	-	-	68,151	-
(d)	Energy Conservation Settlements & Building through Design	8,636	-	-	8,636	-	-	8,636	-
(e)	Heritage Information Laboratory for Part Conservation Process in the Potential World Areas	49,822	-	-	49,822	-	-	49,822	-
(f)	Capacity Building for the Informal Sector in Municipal Solid Water Management - MHRD	2,57,714	-	-	2,57,714	-	-	2,57,714	-
iii	Ministry of Environment and Forest								
(a)	Eco-System Band Dev. For carrying Capacity of Hill Resort Towns	23,872	-	-	23,872	-	-	23,872	-
(b)	ENVIS Centre for Human Settlement	-	2,32,896	16,25,537	13,92,641	14,93,501	-	-	1,00,860
(c)	Sustainable Development Network Program (India)	404	-	-	404	-	-	404	-
iv	Ministry of Non-Conventional Energy Resources								
(a)	Software Development	84,984	-	-	84,984	-	-	84,984	-
v	AICTE								
(a)	Strengthening of Remote Sensing Laboratory	37,304	-	-	37,304	-	-	37,304	-
(b)	Sustainable for Rural Development Evolving a Model for Variable Habitat in Selected Agroclimatic	55,443	-	-	55,443	-	-	55,443	-
(c)	Carrier Award for Young Teachers	354	-	-	354	-	-	354	-
(d)	Quality Improvement Programme	2,10,962	-	-	2,10,962	-	-	2,10,962	-
vi	FORD FOUNDATION	400	-	-	400	-	-	400	-
vii	UNESCO: 19th & 20th Century in Arch. Conservation in India	40,880	-	-	40,880	-	-	40,880	-
viii	Department of Science and Technology								
(a)	Manual on District Planning	27,658	-	-	27,658	-	-	27,658	-
(b)	NCR Probe - DST Project	1,67,634	-	-	1,67,634	-	-	1,67,634	-
ix	Ministry of Home Affairs								
(a)	National Programme for Capacity Bldg. Arch. In Earthquake Risk Mgmt.	12,26,813	-	-	12,26,813	-	-	12,26,813	-
x	Board Guidelines on principles of Zoo Designing	6,00,000	-	-	6,00,000	-	-	6,00,000	-
xi	SJSRY Grant	-	52,505	-	52,505	-	-	-	52,505
xii	M/UD - Alter. Approches to Master Plan	187	-	-	187	-	-	187	-
xiii	Fire Safety in Environment Project	1,00,000	-	-	1,00,000	-	-	1,00,000	-
xiv	Ministry of Social Welfare	1,70,603	-	-	1,70,603	-	-	1,70,603	-
xv	Chance 2 sustain	30,42,961	-	-	30,42,961	6,89,656	23,83,305	-	-
xvi	SPA DU Project	50,00,000	-	1,100	50,01,100	74,000	49,27,100	-	-
xvii	Kalpa & Sangia Project	-	3,26,221	-	3,26,221	-	-	-	3,26,221
xviii	Rajiv Avas Yojna	3,96,503	-	-	3,96,503	-	-	3,96,503	-
xix	Curaj Design Project (Rajasthan University)	50,000	-	-	50,000	-	-	50,000	-
xx	Bharnour Chamba Distt. Project	4,44,060	-	-	4,44,060	-	-	4,44,060	-
xxi	I.U.S.F.B.	1,33,732	-	-	1,33,732	-	-	1,33,732	-
xxii	N.R.C. Project	-	1,80,143	-	1,80,143	-	-	-	1,80,143
xxiii	HUDCO	1,93,925	-	-	1,93,925	10,829	1,83,096	-	-
xxiv	SINP Project	24,40,089	-	13,91,929	38,32,018	21,10,194	17,21,824	-	-
xxv	GIZ project								
(a)	GIZ Project FA 1	-	39,052	-	39,052	-	-	-	39,052
(b)	GIZ Project FA 2	-	1,77,832	2,07,832	30,000	30,000	-	-	-
xxvi	MHRD Space Audit	4,34,271	-	-	4,34,271	4,34,271	-	-	-
xxvii	Clamitance	1,42,419	-	-	1,42,419	19,88,056	34,12,254	26,50,380	-
xxviii	Slum Developers	-	-	3,76,294	3,76,294	80,000	3,26,294	-	-
xxix	SPA DIC MHRD Project	163,14,555	-	275,00,000	275,00,000	275,00,000	275,00,000	-	-
	TOTAL	163,14,555	14,52,709	330,90,148	500,36,556	56,24,325	434,71,110	11,42,841	

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

SCHEDULE 4 - FIXED ASSETS															
S. No	DESCRIPTION	Rate of Dep.	GROSS BLOCK			DEPRECIATION			NET BLOCK						
			Cost/valuation As at beginning of the year	Addition during the year	Deductions during the year	Cost/valuation at the year-end	As at the beginning of the year	During the year	Deductions during the year	Total up to the year-end	As at the Current year-end	As at the Previous year-end			
A	TANGIBLE ASSETS														
a	Land														
1	Land (Leasehold)	0%	201,97,098	-	-	201,97,098	-	-	-	-	-	-	-	201,97,098	201,97,098
	Total (a)		201,97,098	-	-	201,97,098	-	-	-	-	-	-	-	201,97,098	201,97,098
b	Building														
1	Planning	2%	494,47,903	41,23,942	-	535,71,845	123,59,971	10,71,437	-	134,31,408	401,40,437	370,87,932			
2	Architecture	2%	238,11,401	38,75,303	-	276,86,704	47,15,171	5,53,734	-	52,68,905	224,17,799	190,96,230			
3	M.B. Complex	2%	543,49,429	35,06,320	-	578,55,749	222,29,274	11,57,115	-	233,86,389	344,69,360	321,20,155			
	Total (b)		1276,08,733	115,05,565	-	1391,14,298	393,04,416	27,82,286	-	420,86,702	970,27,596	883,04,317			
c	Fixed Assets														
1	Office Equipment	7.5%	467,33,741	30,72,771	-	498,06,512	423,66,333	37,35,488	-	461,01,821	37,04,691	43,67,408			
2	Computer Peripherals	20%	1158,85,122	41,16,711	-	1200,01,833	1098,58,702	68,49,762	-	1167,08,464	32,93,369	60,26,420			
3	Furniture/Fixture/Fitting	7.5%	264,64,278	31,72,873	-	296,37,151	217,61,776	22,22,786	-	239,84,562	56,52,589	47,02,502			
4	Vehicles	10%	19,95,982	-	-	19,95,982	19,95,982	-	-	19,95,982	-	-			
5	Library Books&journals	10%	494,40,609	8,19,007	-	502,59,616	447,33,338	50,25,962	-	497,59,300	5,00,316	47,07,271			
6	Gifted Books Of Journals	10%	91,696	30,081	-	1,21,777	25,045	12,178	-	37,223	84,554	66,651			
7	Consultancy Fixed Asset	10%	17,986	-	-	17,986	1,799	1,799	-	3,598	14,388	16,187			
	Total (c)		2406,29,414	112,11,443	-	2518,40,857	2207,42,975	178,47,975	-	2385,90,950	132,49,907	198,86,439			
	Grand Total (a+b+c)		3884,35,245	227,17,008	-	4111,52,253	2600,47,391	206,30,261	-	2806,77,652	1304,74,601	1283,87,854			
B	CAPITAL WORK IN PROGRESS														
	Development of Vasant Kunj (W.I.P.)	0%	63,47,654	1,39,531	-	64,87,185	-	-	-	-	-	63,47,654			
	Total (B)		63,47,654	1,39,531	-	64,87,185	-	-	-	-	-	63,47,654			
	Grand Total (A+B)		3947,82,899	228,56,539	-	4176,39,438	2600,47,391	206,30,261	-	2806,77,652	1369,61,786	1347,35,508			
	Previous Year		3751,05,484	196,77,415	-	3947,82,899	2518,37,834	82,09,557	-	2600,47,391	1347,35,508	1232,67,650			

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

SCHEDULE 5 - INVESTMENTS FROM ENDOWMENT FUNDS	FUNDWISE BREAK UP						Previous Year	
	Current Year						Total	
	Endowment Fund	GPF/CPF Fund	NPS Fund	Consultancy Fund	Total		Total	
1. In Central Government Securities	-	-	-	-	-	-	-	
2. In State Government Securities							-	
3. Other approved Securities	-	-	-	-	-	-	-	
4. Shares	-	-	-	-	-	-	-	
5. Debentures and Bonds	-	-	-	-	-	-	-	
6. Terms Deposits with Banks	-	-	-	-	-	-	-	
7. Others	7,10,351	1294,27,333	-	146,35,620	1447,73,304	1359,18,006		
TOTAL	7,10,351	1294,27,333	-	146,35,620	1447,73,304	1359,18,006	1359,18,006	

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

	Current Year					Previous
	School	GPF/CPF	New Pension Scheme	Consultancy Fund	Total	Total
SCHEDULE 6 - INVESTMENTS - OTHERS						
1. In Central Government Securities	-	-	-	-	-	-
2. In State Government Securities	-	-	-	-	-	-
3. Other approved Securities	-	-	-	-	-	-
4. Shares	-	-	-	-	-	-
5. Debentures and Bonds	-	-	-	-	-	-
6. Others	608,19,689	-	-	-	608,19,689	831,87,110
	608,19,689	-	-	-	608,19,689	831,87,110

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

SCHEDULE 7 CURRENT ASSETS	Current Year					Previous Year
	School	Consultancy Fund	GPF/CPF	NPS	Total	Total
1. Stocks						
a) Stores and Spares	-	-	-	-	-	-
b) Loose Tools	-	-	-	-	-	-
c) Publications	-	-	-	-	-	-
d) Stationery	-	-	-	-	-	-
2. Sundry Debtors						
a) Debts Outstanding for a period exceeding six months	-	-	-	-	-	-
b) Others	-	-	-	-	-	-
3. Cash and Bank Balances						
Cash Balance in hand (Imprest money)	36,702	-	-	-	36,702	7,711
Bank Balances:						
a) With Scheduled Banks:						
- On Saving Accounts	548,28,665	142,09,714	404,91,367	35,66,041	1130,95,787	703,38,524
- On Foreign Currency Account	117,54,062	-	-	-	117,54,062	115,71,628
b) With non-scheduled Banks:						
- On Deposit Accounts						
- On Saving Accounts						
5. Post Office-Savings Accounts						
- Postage in Hand	47,495	-	-	-	47,495	47,495
TOTAL	666,66,924	142,09,714	404,91,367	35,66,041	1249,34,046	819,65,358

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2016

(Amount Rs.)

	Current Year			Previous Year	
	School	Consultancy Fund	GPF/CPF	New Pension Scheme	Total
1. Advances to Employees : (Non Interest Bearing)					Total
a) Salary	-	-	-	-	-
b) Festival	3,08,736	-	-	-	3,08,736
c) Bicycle Advance	67,800	-	-	-	67,800
2. Long Term Advances to Employees : (Interest Bearing)					
a) Vehicle Loan	2,59,750	-	-	-	2,59,750
b) Home Loan	5,34,640	-	-	-	5,34,640
c) Others					
Computer Advance	2,40,414	-	-	-	2,40,414
Conveyance Advance	33,545	-	-	-	33,545
Fan Advance	3,550	-	-	-	3,550
I/T C Advance	2,59,609	-	-	-	2,59,609
T A Advance	108,13,492	-	-	-	108,13,492
3. Advances and other amounts recoverable in cash or in kind or for value to be received					
a) On Capital Account	-	-	-	-	-
b) to Suppliers	-	-	-	-	-
c) Advances to PDF Consultants & Concerned Departments	-	8,57,858	-	-	8,57,858
d) Departmental Advance	334,40,495	-	-	-	334,40,495
e) Others					
- GPF Advances	-	-	13,85,935	-	13,85,935
- CPF Advances	-	-	-	-	-
- Amount to be recovered from GPF/CPF Fund	138,53,206	-	-	-	138,53,206
- Amount to be recovered from NPS Fund	32,82,809	-	-	-	32,82,809
- Others	1,33,175	-	-	-	1,33,175
4. Prepaid Expenses					
a) Insurance	-	-	-	-	-
b) Other Expenses	19,85,400	-	-	-	19,85,400
c) On Loans & Advances	-	-	-	-	-
5. Deposits					
a) Telephone	38,170	-	-	-	38,170
b) Lease Rent	-	-	-	-	-
c) Electricity	2,24,750	-	-	-	2,24,750
6. Income Accrued					
a) On Investments from Earmarked/Endowment Funds	57,853	-	-	-	57,853
b) On Investments -Others	17,79,279	-	19,73,538	-	37,52,817
c) On Loans & Advances	-	-	-	-	-
7. Other - Current assets receivable from UGC/Sponsored Projects					
a) Debit balances in Sponsored Projects	11,42,841	-	-	-	11,42,841
b) Debit balances in Sponsored Fellowships & Scholarships	1,18,016	-	-	-	1,18,016
c) Grant Receivable/ SPA fees receivable	95,204	-	-	-	95,204
8. Claims Receivable					
a) Research Projects	2,16,447	-	-	-	2,16,447
b) Others	1,91,792	-	-	-	1,91,792
TOTAL	690,80,973	8,57,858	33,59,473	-	732,98,304
					1475,59,006

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016

(Amount Rs.)

SCHEDULE 9 - ACADEMIC RECEIPTS	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
FEES FROM STUDENTS						
Academic						
1. Tuition Fee	295,21,444	-	295,21,444	228,60,800	-	228,60,800
2. Admission Fee	44,73,887	-	44,73,887	25,47,670	-	25,47,670
3. Enrolment Fee	7,60,000	-	7,60,000	6,82,000	-	6,82,000
4. Library Fee/ Audio Visual fees	2,000	-	2,000	12,000	-	12,000
5. Academic Support Fees	46,15,985	-	46,15,985	44,22,000	-	44,22,000
6. Registration Fee	7,63,068	-	7,63,068	6,63,600	-	6,63,600
7. Logistic Income	600	-	600	14,000	-	14,000
8. Games Fees	3,44,048	-	3,44,048	1,28,363	-	1,28,363
9. Self Financing Fees	163,40,223	-	163,40,223	138,65,378	-	138,65,378
10. Electricity & Water Charges (Hostel)	25,41,560	-	25,41,560	-	-	-
TOTAL (A)	593,62,815	-	593,62,815	451,95,811	-	451,95,811
Examinations						
1. Admission Test Fees	-	-	-	-	-	-
2. Annual Examination Fees						
3. Marksheet, Certificate Fees	1,25,300	-	1,25,300	97,950	-	79,100
4. Entrance Examination Fees	-	-	-	-	-	-
TOTAL (B)	1,25,300	-	1,25,300	97,950	-	79,100
Other Fees						
1. Fine and Loss Charges	91,847		91,847	1,54,967		1,54,967
2. Annual Examination Fees						
TOTAL (C)	91,847		91,847	1,54,967		1,54,967
Sale of Publications						
1. Sale of Journals/Tender forms	79,112		79,112	57,625		57,625
2. Sale of Admission forms						
TOTAL (D)	79,112		79,112	57,625		57,625
GRAND TOTAL (A+B+C+D)	596,59,074	-	596,59,074	452,93,761	-	454,87,503

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

SCHEDULE 10 - GRANTS/SUBSIDIES	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
Balance B/F	-	-	-	-	-	-
Add : Receipts during the year	2600,00,000	-	2600,00,000	2430,00,000	551,00,000	2981,00,000
Total	2600,00,000	-	2600,00,000	2430,00,000	551,00,000	2981,00,000
Less : Refund to UGC	-	-	-	-	-	-
Balance	2600,00,000	-	2600,00,000	2430,00,000	551,00,000	2981,00,000
Less: Utilised for Capital Expenditure (A)	-	-	-	-	-	-
Balances	2600,00,000	-	2600,00,000	2430,00,000	551,00,000	2981,00,000
Less: Utilised for Revenue Expenditure (B)	2600,00,000	-	2600,00,000	2430,00,000	551,00,000	2981,00,000
Balance C/F (C)	-	-	-	-	-	-

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
1 On Savings Accounts with scheduled banks	3984160	-	39,84,160	38,41,151	-	38,41,151
2 On Loans						
a) Employees/Staff	83294	-	83,294	2,90,142	-	2,90,142
b) Others	-	-	-	-	-	-
3 On Term Deposits	8114178	-	81,14,178	213,42,810	-	213,42,810
TOTAL	121,81,632	-	121,81,632	254,74,103	-	254,74,103

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016

SCHEDULE 12 - OTHER INCOME

(Amount Rs.)

	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
A. Income from Land and Building						
1 Hostel Room Rent	34,20,145	-	34,20,145	37,82,455	-	37,82,455
2 Canteen Rent	36,420	-	36,420	37,600	-	37,600
3 Guest Room Rent	34,210	-	34,210	2,16,660	-	2,16,660
4 Rent from Others	61,380	-	61,380	-	-	-
5 Licence Fees	2,91,607	-	2,91,607	3,14,815	-	3,14,815
6 Electricity Charges recovered	10,45,818	-	10,45,818	41,46,907	-	41,46,907
7 Water Charges recovered	2,49,291	-	2,49,291	1,49,653	-	1,49,653
8 CGHS Subscription	7,08,925	-	7,08,925	6,59,225	-	6,59,225
Total A	58,47,796	-	58,47,796	93,07,315	-	93,07,315
B. Others						
1 Income from Consultancy	39,47,376	-	39,47,376	33,11,310	-	33,11,310
2 RTI Fees	950	-	950	4,096	-	4,096
3 Income from Royalty	-	-	-	-	-	-
4 Sale of Application Form (recruitment)	-	-	-	-	-	-
a) Owned assets	-	-	-	-	-	-
7 Grants/ Donation from institution, welfare bodies and international organisation	-	-	-	-	-	-
8 Others	-	-	-	-	-	-
Miscellaneous	151,99,604	-	151,99,604	8,26,513	-	8,26,513
Miscellaneous Recovery	1,17,060	-	1,17,060	-	-	-
Penalty and Rebate Income	67,181	-	67,181	-	-	-
Sale of Discarded asset	-	-	-	9,32,932	-	9,32,932
Total B	193,32,171	-	193,32,171	50,74,851	-	50,74,851
Grand Total (A+B)	251,79,967	-	251,79,967	143,82,166	-	143,82,166

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
SCHEDULE 13 - STAFF PAYMENTS & BENEFITS						
a) Salaries and Wages	599,93,543	-	599,93,543	479,91,934	-	479,91,934
b) Allowances & Bonus	871,87,860	-	871,87,860	908,36,028	-	908,36,028
c) Contribution to GPF/CPF and NPS	35,48,239	-	35,48,239	33,53,384	-	33,53,384
d) Retirement and Terminal Benefits	478,35,497	-	478,35,497	634,06,485	-	634,06,485
e) Medical Facility	41,11,186	-	41,11,186	15,27,304	-	15,27,304
f) Honorarium	14,40,400	2,49,400	16,89,800	6,11,800	8,37,757	14,49,557
g) Personal Development Account (PDA-2011-2014)	47,10,469	-	47,10,469	24,00,826	-	24,00,826
h) Other	-	-	-	-	-	-
CGHS Contribution	20,25,576	-	20,25,576	33,25,699	-	33,25,699
DA Arrears	25,15,337	-	25,15,337	25,20,644	-	25,20,644
Pay of Part Time Officers	508,27,704	-	508,27,704	480,82,730	-	480,82,730
Conveyance reimbursement to Visiting Faculty	48,01,000	-	48,01,000	54,31,500	-	54,31,500
TOTAL	2689,96,811	2,49,400	2692,46,211	2694,88,334	8,37,757	2703,26,091

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

SCHEDULE 14 - ACADEMIC EXPENSES	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
a) Laboratory expenses	-	-	-	-	-	-
b) Field work/Participation in conference	-	-	-	-	-	-
c) Expenses on Seminar/Workshops	-	7,50,562	7,50,562	-	8,37,592	8,37,592
d) Remuneration to Paper Setter	14,460	-	14,460	2,69,140	-	2,69,140
e) Examination	-	-	-	-	-	-
f) Student welfare expenses	-	-	-	-	-	-
g) Admission expenses	-	-	-	-	-	-
h) Convocation expense	17,11,728	-	17,11,728	13,30,986	-	13,30,986
i) Publications	-	-	-	-	-	-
j) Stipend/means-cum-meritscholarship	257,70,573	50,08,000	307,78,573	130,16,517	44,03,096	174,19,613
k) Subscription expenses	-	-	-	-	-	-
l) Others	-	-	-	-	-	-
- Prizes and Medals	4,33,250	-	4,33,250	2,34,150	-	2,34,150
- Exhibition/Foundation Day	3,88,348	-	3,88,348	4,29,442	-	4,29,442
TOTAL	283,18,359	57,58,562	340,76,921	152,80,235	52,40,688	205,20,923

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
(Amount Rs.)

SCHEDULE 15 - ADMINISTRATIVE AND GENERAL EXPENSES	Current Year			Previous year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
A. Infrastructure						
(a) Electricity and Power	25,65,290	124,41,730	150,07,020	90,85,410	57,48,950	148,34,360
(b) Water Charges	12,78,710	188,59,886	201,38,596	88,95,682	59,46,786	148,42,468
(c) Rent, Rates and Taxes						
Service Tax	9,28,882		9,28,882	-	-	-
Property Tax	29,44,345	3,54,394	32,98,739	9,94,676	29,34,703	39,29,379
B. Communication						
(d) Postage and Stationary	1,42,077		1,42,077	1,24,315	-	1,24,315
(e) Telephone, Fax and Internet Charges	11,64,356		11,64,356	11,69,886	-	11,69,886
C. Others						
(f) Printing and Stationary	17,69,954		17,69,954	8,37,123	-	8,37,123
(g) Travelling and Conveyance expenses	67,66,127	1,86,836	69,52,963	39,32,842	9,20,811	48,53,653
(h) Hospitality				-	-	-
(i) Professional and Legal Charges	9,04,936		9,04,936	9,13,293	-	9,13,293
(j) Advertisement and Publicity	21,48,477		21,48,477	23,09,550	-	23,09,550
(k) Magazines & Journals	86,504		86,504	1,07,888	-	1,07,888
(l) Others						
Bank Charges	44,195		44,195	18,170	-	18,170
Audit Fees	94,110		94,110	79,850	-	79,850
Consumables Articles for Audio Visuals/Lab	1,12,862		1,12,862	7,14,937	-	7,14,937
Liveries	2,43,449		2,43,449	2,10,330	-	2,10,330
Membership Fees	1,65,320		1,65,320	9,67,948	-	9,67,948
Office Stationery	17,79,597		17,79,597	17,08,313	-	17,08,313
Other Contingent Charges	234,31,175	4,87,437	239,18,612	72,02,939	54,66,685	126,69,624
Refreshment Charges	10,02,685		10,02,685	6,17,287	-	6,17,287
Miscellaneous Committee Expenses	-		-	4,16,214	-	4,16,214
Other Administrative Expenses	8,42,514		8,42,514	2,15,849	-	2,15,849
TOTAL	484,15,565	323,30,283	807,45,848	405,22,502	210,17,935	615,40,437

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	NON PLAN	PLAN	TOTAL	NON PLAN	PLAN	TOTAL
1 Vehicles (owned by institution)						
a) Running Expenses	1,43,492	-	1,43,492	221239	-	2,21,239
b) Repair and Maintenance	2,95,556	-	2,95,556	228521	-	2,28,521
c) Insurance expenses	24,757	-	24,757	23760	-	23,760
2 Vehicles taken on rent/lease						
a) Rent/lease expenses	-	-	-	-	-	-
3 Vehicle (Taxi) hiring expenses	-	-	-	-	-	-
Total	4,63,805	-	4,63,805	473520	-	4,73,520

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
SCHEDULE 17 - REPAIR AND MAINTAINANCE						
a) Building	41,56,893	170,95,692	212,52,585	23,18,246	102,65,108	125,83,354
b) Furniture and Fixtures	14,150	-	14,150	38,715	-	38,715
c) Electrical Goods	9,80,971	-	9,80,971	2,40,697	-	2,40,697
d) Office Equipment	34,25,550	-	34,25,550	22,02,407	-	22,02,407
e) Computers	90,86,293	-	90,86,293	65,39,836	-	65,39,836
f) Cleaning Material & Services	5,06,511	-	5,06,511	4,99,493	-	4,99,493
g) Book Binding Charges	64,867	-	64,867	19,122	-	19,122
h) Gardening	29,940	-	29,940	47,700	-	47,700
i) Others	-	-	-	-	-	-
TOTAL	182,65,175	170,95,692	353,60,867	119,06,216	102,65,108	221,71,324

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2016
 (Amount Rs.)

	Current Year			Previous Year		
	Non Plan	Plan	Total	Non Plan	Plan	Total
a) Provision for Bad Debts/Advances	-	-	-	-	-	-
b) Irrecoverable Balance Written - off	-	-	-	-	-	-
c) Subsidy to SPA Mess	38,95,000	44,41,640	83,36,640	6,00,000	39,00,000	45,00,000
c) Other Expense						
Sanitary Goods	2,73,352		2,73,352	-	-	-
Sports Goods	8,02,161		8,02,161	2,44,348	-	2,44,348
TOTAL	49,70,513	44,41,640	94,12,153	8,44,348	39,00,000	47,44,348

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENTS OF NON PLAN & PLAN FOR THE PERIOD 01.04.2015 TO 31.03.2016**

		(Amount Rs.)			
RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I	Opening Balance		I		
	a) Cash in hand		Expenses		
	b) Bank Balances		a) Establishment Expenses	264,65,781	422,35,316
	Saving Bank Accounts	321,47,719	b) Academic Expenses	322,56,321	181,31,377
	Foreign Exchange Account	115,71,628	c) Administrative Expenses	458,41,617	449,19,966
	c) Fixed Deposit with banks	-	d) Repair & Maintenance Expenses	45,53,799	42,70,774
	d) Postage in hand	47,495	e) Transportation Expenses	3,55,592	3,34,294
II	Grants Received		II		
	a) From Government of India	-	Amount spent on sponsored projects	25,57,136	22,27,908
	- Ministry of HRD	3381,00,000			
	- Department of HRD(Capital Grant)	-			
	b) From State Government	-	III		
	c) From other sources(details)	-	Advances/payment to parties	3303,18,798	2857,06,086
	- for Research Project	-			
			IV		
III	Academic Receipts		Investments and deposits made		
	a) Fees received from CSAB Students	53,45,000	a) Out of Earmarked/Endowment funds	6,74,295	-
	b) Fees received from other students	-	b) Out of Own Funds (Investments-Others)	800,00,000	660,00,000
	c) Fees and Subscription	542,79,108			
			V		
IV	Receipts against Earmarked /Endowment Fund	1,00,000	Expenditure on Fixed Assets & Capital Work in Progress		
			a) Purchase of Fixed Assets	107,24,293	92,77,661
			b) Expenditure on Capital Work in Progress	1,55,123	-
V	Receipts against Sponsored Projects/ Schemes	326,39,729	VI		
			Expenditure on Grant & Subsidies	83,36,640	45,00,000
VI	Receipts against Sponsored Fellowships & Scholarship	100,46,511	VII		
			Amount recoverable from GPF/CPF & NPS	-	138,00,000
VII	Contractor's Earnest Money/ Security Deposits	4,39,445	VIII		
			Refundable deposits from students	71,85,381	61,27,003
VIII	Amount recoverable from GPF/CPF & NPS	7,81,232	IX		
			SPA Fee Receivable	95,204	59,300
IX	Interest Received on		X		
	a) On Bank Deposits(Saving)	37,61,485	Contractor's Earnest Money/ Security Deposits	10,52,066	23,40,349
	b) On Bank Deposits(FDR)	34,59,079			
	c) On Loans and Advances	823	Amount spent on endowment fund	-	53,875
	d) On Endowment Fund	1,793	XII		
			Closing Balances		
			a) Cash inhand	-	-

	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
X	Stale Cheques	12,53,780	8,26,753	b) Bank Balances	548,28,665	321,47,719
XI	Term Deposits with Scheduled Banks Encashed	1056,66,329	1350,11,053	Saving Bank Accounts Foreign Exchange Account	117,54,062	115,71,628
XII	Any other receipts	41,69,434	19,49,243	c) Fixed Deposit with banks		
XIII	Sundry Creditors	24,54,731	40,81,135	d) Postage in hand	47,495	47,495
XIV	Advances Adjusted	60,02,728	59,48,093			
XV	Consultancy Receipts	49,34,220	41,39,137			
	TOTAL	6172,02,269	5437,50,751	TOTAL	6172,02,269	5437,50,751

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

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

294

Sd/-
CA. SUNDER KUMAR SHARMA
PARTNER

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

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

Sd/-
PROF. CHETANVAIDYA
DIRECTOR

**PLACE : NEW DELHI
DATE : 30/06/2016**

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF GENERAL/CONTRIBUTORY FUND AS ON 31.03.2016

LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
G.P.F. Fund			INVESTMENTS		
Opening Balance	1141,13,178	1044,10,127	Fixed Deposit Scheme (GPF and CPF)	1102,39,412	997,54,544
Additions:					
C.P.F. Subscription	217,34,886	196,66,300	Interest Accrued on Fixed Deposits	19,73,838	42,55,788
C.P.F. Advance	15,42,870	8,01,821			
C.P.F. Interest	99,14,514	86,79,127	Advance recoverable from GPF	13,85,938	13,85,938
Deductions:					
Full & Final Payments/Withdrawals by staff	177,23,729	194,44,197			
Transfer to Interest Reserve account	32,50,950	-			
Closing balance of GPF Fund	1263,30,739	1141,13,178	Special Deposit Scheme:		
			G.P. Fund	149,00,720	149,00,720
C.P.F. Fund			C.P. Fund	42,87,201	42,87,201
Opening Balance	230,77,782	213,78,377			
Additions:			Bank Balance		
C.P.F. Subscription	19,77,500	15,60,000	G.P. Fund Account	327,87,777	195,74,982
C.P.F. Contribution	3,94,088	3,83,650	C.P. Fund Account	77,03,890	54,43,544
C.P.F. Advance	61,160	66,720			
C.P.F. Interest:					
Contribution	5,67,811	4,87,422			
Subscription	14,64,735	13,01,613			
Deductions:					
C.P.F. Subscription	11,00,000	21,00,000			
C.P.F. Contribution	-	-			
Transfer to Interest Reserve account	8,87,114	-			
Closing balance of CPF Fund	255,55,962	230,77,782			
Interest Reserve Account					
Opening Balance	-	-			
Additions:					
Transfer from GPF	8,87,114	-			
Transfer from GPF	32,50,950	-			
Excess of Income over Expenditure	34,00,202	-			
Closing balance of Reserve	75,38,266	-			
Amount payable to SPA	136,53,206	124,11,754			
TOTAL	1732,78,173	1496,02,714	TOTAL	1732,78,173	1496,02,714

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

For SUNDER SHARMA & CO.
 CHARTERED ACCOUNTANTS

Sd/-	Sd/-	Sd/-
CA. SUNDER KUMAR SHARMA	GIRISH KUMAR	PROF. DR. P.S.N. RAO
PARTNER	ASSISTANT REGISTRAR (A&B)	REGISTRAR
PROF. CHETAN VAIDYA		DIRECTOR

PLACE : NEW DELHI
 DATE : 30/06/2016

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD 01.04.2015 TO 31.03.2016

(Amount Rs.)

S. NO.	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	S. NO.	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I.	Opening Balance			I.	G.P. Fund Subscription	169,09,700	194,44,197
	G.P. Fund	195,74,982	50,71,360		Interest on GPF subscription	-	-
	C.P. Fund	54,43,544	32,58,543		C.P. Fund Subscription	11,00,000	21,00,000
	G.P. Fund Subscription	217,34,856	196,66,300		C.P. Fund Contribution	-	-
	G.P. Fund Interest	-	86,79,127		Interest on Investment/ Saving bank transferred to School	-	-
			283,45,427	II.	G.P. Fund	-	-
	C.P. Fund Subscription	19,77,500	15,60,000		C.P. Fund	-	-
	C.P. Fund Contribution	-	3,83,650		C.P. Fund Advance	-	-
II.	G.P. Fund Advance	15,42,870		III.	G.P. Fund Advance	8,14,029	14,89,720
III.	C.P. Fund Advance	61,160	66,720	IV.	C.P. Fund Advance	-	-
IV.	C.P. Fund Interest			V.	Investment on FDR's/Special Deposit Scheme		
	(I) Contribution	-	4,87,422		G.P. Fund	-	200,00,000
	(II) Subscription	-	13,01,613		C.P. Fund	-	29,00,000
V.	Encashment of FDR's/Special Deposit Schemes			VI.	Amount Payable to spa	6,61,449	22,32,220
	G.P. Fund				Bank Charges	600	56
	C.P. Fund			VII.	Interest On Special Deposit Scheme/ FDR's		
VI.	Amount payable to SPA				G.P. Fund		10,59,264
	Interest on saving bank	67,52,667			C.P. Fund		1,05,926
	GSLIS	110		IX.	Closing Balance		
VII.	Interest on FDR's/ Saving Bank Account				G.P. Fund	327,87,777	195,74,982
	G.P. Fund	9,80,481	53,18,381		C.P. Fund	77,03,590	54,43,544
	C.P. Fund	2,39,626	5,00,888				250,18,526
VIII.	Interest on Special Deposit Scheme						
	G.P. Fund	16,69,349	12,96,363				
	C.P. Fund	-	-				
	TOTAL	599,77,145	743,49,909		TOTAL	599,77,145	743,49,909

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

For SUNDER SHARMA & CO.
 CHARTERED ACCOUNTANTS

Sd/-
 CA. SUNDER KUMAR SHARMA
 PARTNER

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

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

Sd/-
 PROF. CHETANVAIDYA
 DIRECTOR

PLACE : NEW DELHI
 DATE : 30/06/2016

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF NEW PENSION SCHEME AS ON 31.03.2016**

(Amount Rs.)

LIABILITIES	CURRENT YEAR	PREVIOUS YEAR	ASSETS	CURRENT YEAR	PREVIOUS YEAR
Opening Balance of Fund	2,83,232	2,83,232	Investment in Fixed Deposit with scheduled banks	-	4,64,488
Add: Member's Subscription	-	-			
Add: School Contribution	-	-	Accrued Interest on FDRs	-	20,817
Add: Interest credited to the member's account	-	-			
Less: Amount Transfer to Nodel Agency	2,83,232	2,83,232	Balance at Bank		
Closing Balance of Fund	2,83,232	2,83,232	Uco Bank-3381	35,66,041	29,42,293
Amount payable to SPA	32,82,809	31,44,366			
TOTAL	35,66,041	34,27,598	TOTAL	35,66,041	34,27,598

28

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

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

Sd/-
CA. SUNDER KUMAR SHARMA
PARTNER

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

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

Sd/-
PROF. CHETAN VAIDYA
DIRECTOR

**PLACE : NEW DELHI
DATE : 30/06/2016**

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT & PAYMENT ACCOUNT OF NEW PENSION SCHEME FOR THE YEAR ENDING 31.03.2016

(Amount Rs.)

S. NO.	RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	S. NO.	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I.	Opening Balance			I.	Investment in Fixed Deposit		
	Balance at Bank	29,42,293	28,22,510		Fixed deposit with UCO Bank	-	-
II.	Investment Encashed			II.	Interest paid during the year		
	Fixed Deposit	4,64,488	-		- Contribution	-	-
	Interest received on Fixed Deposit	56,368	-		- Subscription	-	-
III.	Amount Payable to SPA	1,03,152		III.	Interest transferred to School		
					- On Saving Bank and Fixed Deposits	1,19,783	-
IV.	Interest earned from Bank	1,19,523	1,19,783	IV.	Closing Balance		
	- On Saving Bank and Fixed Deposits				Balances at Bank	35,66,041	29,42,293
	TOTAL	36,85,824	29,42,293		TOTAL	36,85,824	29,42,293

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

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
CA. SUNDER KUMAR SHARMA
 PARTNER

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

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

Sd/-
PROF. CHETANVAIDYA
 DIRECTOR

PLACE : NEW DELHI
DATE : 30/06/2016

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
STATUS OF CPF INVESTMENT AS ON 31ST MARCH, 2016

Sl No.	Name of the Bank	FDR No	Rate of Interest	Period of FDR'S	Date of Issue	Amount (in Rs)	Value of Maturity	Date of Maturity	Financial Year End Date	Total Term of FD In days	Interest (Maturity Amount - Issue Amount)	Term of FD during Financial Year (In Days)	Total Interest Accrued
1	Allahabad bank	226203	7.50%	1 Year 1 day	2-Jan-16	9,81,372	10,57,071	2-Jan-17	31-Mar-16	366	75,699	89	18,408
2	UCO BANK	654969	8.00%	444Days	5-Sep-15	22,32,734	24,98,100	22-Nov-16	31-Mar-16	444	2,25,366	208	1,05,577
3	UCO BANK	654583	8.75%	444Days	19-Jan-15	8,94,157	9,93,466	7-Apr-16	31-Mar-16	444	99,309	437	97,743
4	UCO BANK	655392	7.60%	12 Months	10-Feb-16	1,63,562	1,76,351	10-Feb-17	31-Mar-16	366	12,789	50	1,747
5	UCO BANK	655396	7.60%	12 Months	10-Feb-16	11,99,455	12,93,245	10-Feb-17	31-Mar-16	366	93,790	50	12,813
6	UCO BANK	655395	7.60%	12 Months	10-Feb-16	13,08,496	14,10,812	10-Feb-17	31-Mar-16	366	1,02,316	50	13,978
7	UCO BANK	655394	7.60%	12 Months	10-Feb-16	13,08,496	14,10,812	10-Feb-17	31-Mar-16	366	1,02,316	50	13,978
8	UCO BANK	655393	7.60%	12 Months	10-Feb-16	1,63,562	1,76,351	10-Feb-17	31-Mar-16	366	12,789	50	1,747
9	UCO BANK	551727	8.20%	444Days	20-Aug-15	87,077	96,095	6-Nov-16	31-Mar-16	444	9,018	224	4,550
10	UCO BANK	552135	7.50%	444Days	8-Feb-16	22,30,078	24,40,596	27-Apr-17	31-Mar-16	444	2,10,518	52	24,555
11	UCO BANK	474970	8.80%	444Days	26-Feb-15	16,76,544	18,63,857	15-May-16	31-Mar-16	444	1,87,313	399	1,68,329
TOTAL						122,45,533	133,76,756				11,31,223		4,63,524

STATUS OF GPF INVESTMENT AS ON 31ST MARCH, 2016

Sl No.	Name of the Bank	FDR No	Rate of Interest	Period of FDR'S	Date of Issue	Amount (in Rs)	Value of Maturity	Date of Maturity	Financial Year End Date	Total Term of FD In days	Interest (Maturity Amount - Issue Amount)	Term of FD during Financial Year (In Days)	Total Interest accrued
1	Allahabad bank	226192	7.50%	1 Year	18-Feb-16	109,09,468	117,50,979	18-Feb-17	31-Mar-16	366	8,41,511	42	96,567
2	Allahabad bank	226193	7.50%	1 Year	18-Feb-16	120,00,415	129,28,077	18-Feb-17	31-Mar-16	366	9,25,662	42	1,06,224
3	Allahabad bank	226200	7.50%	1 Year 1 day	2-Jan-16	38,16,446	41,10,831	2-Jan-17	31-Mar-16	366	2,94,385	89	71,885
4	Allahabad bank	226201	7.50%	1 Year 1 day	2-Jan-16	21,80,826	23,49,046	2-Jan-17	31-Mar-16	366	1,68,220	89	40,906
5	Allahabad bank	226202	7.50%	1 Year 1 day	2-Jan-16	38,16,446	41,10,831	2-Jan-17	31-Mar-16	366	2,94,385	89	71,885
6	UCO BANK	655159	7.90%	12 Months	10-Oct-15	27,35,382	29,57,964	10-Oct-16	31-Mar-16	366	2,22,582	173	1,05,210
7	UCO BANK	655158	7.90%	12 Months	10-Oct-15	27,35,382	29,57,964	10-Oct-16	31-Mar-16	366	2,22,582	173	1,05,210
8	UCO BANK	654970	8.00%	444Days	5-Sep-15	66,95,202	73,74,300	22-Nov-16	31-Mar-16	444	6,76,098	208	3,16,731
9	UCO BANK	654976	8.50%	12 Months	8-May-15	54,70,764	59,50,812	8-May-16	31-Mar-16	366	4,80,048	328	4,30,207
10	UCO BANK	655391	7.60%	12 Months	10-Feb-16	65,42,479	70,54,059	10-Feb-17	31-Mar-16	366	5,11,580	50	69,888
11	UCO BANK	655397	7.60%	12 Months	10-Feb-16	43,61,653	47,02,708	10-Feb-17	31-Mar-16	366	3,41,053	50	46,592
12	UCO BANK	552134	7.50%	444Days	8-Feb-16	44,60,157	48,81,194	27-Apr-17	31-Mar-16	444	4,21,037	52	49,311
13	UCO BANK	655916	5.50%	35 Days	25-Feb-16	28,51,555	28,66,594	31-Mar-16	31-Mar-16	35	15,039	35	-
14	UCO BANK	655918	5.50%	35Days	25-Feb-16	67,65,532	68,01,213	31-Mar-16	31-Mar-16	35	35,681	35	-
15	UCO BANK	655921	5.50%	35Days	25-Feb-16	22,53,978	22,65,865	31-Mar-16	31-Mar-16	35	11,887	35	-
16	UCO BANK	655919	6.50%	35Days	25-Feb-16	101,48,300	102,11,553	31-Mar-16	31-Mar-16	35	63,253	35	-
17	UCO BANK	655920	5.50%	35Days	25-Feb-16	56,37,944	56,67,678	31-Mar-16	31-Mar-16	35	29,734	35	-
18	UCO BANK	655917	5.50%	35Days	25-Feb-16	46,08,950	46,33,257	31-Mar-16	31-Mar-16	35	24,307	35	-
TOTAL						979,93,879	1035,72,923				55,79,044		15,10,014

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
ENDOWMENT FUND INVESTMENT AS ON 31ST MARCH, 2016**

Sl No.	Name of the Bank	FDR No	Rate of Interest	Period of FDR'S	Date of Issue	Amount (in Rs)	Value of Maturity	Date of Maturity	Financial Year End Date	Total Term of FD In days	Interest (Maturity Amount - Issue Amount)	Term of FD during Financial Year (In Days)	Total Interest Accrued	Name of Fund
1	UCO BANK IIPA	654850	7.25%	314 Days	9-Feb-16	23,665	25,130	19-Dec-16	31-Mar-16	314	1,475	51	240	SPA Krishna Saini Endowment Fund
2	UCO BANK IIPA	551586	9.10%	12 Months	27-Jun-15	12,401	13,463	27-Jun-16	31-Mar-16	366	1,062	278	807	SPA Krishna Saini Endowment Fund
3	Allahabad bank	199998	8.75%	12 Month	30-Apr-15	10,000	10,904	30-Apr-16	31-Mar-16	366	904	336	830	SPA Vandana Goel Gold Medal
4	Allahabad bank	199999	8.75%	12 Month	30-Apr-15	3,500	3,816	30-Apr-16	31-Mar-16	366	316	336	290	SPA Nomi Bose Memorial Award
5	Allahabad bank	199998	8.75%	12 Month	30-Apr-15	60,000	65,425	30-Apr-16	31-Mar-16	366	5,425	336	4,980	T.J. Manickam Memorial Award
6	Allahabad bank	199989	8.75%	12 Month	30-Apr-15	20,000	21,808	30-Apr-16	31-Mar-16	366	1,808	336	1,660	SPA Prof. M.R. Agruhotri Endowment Fund
7	Allahabad bank	199990	8.75%	12 Month	30-Apr-15	1,00,000	1,09,041	30-Apr-16	31-Mar-16	366	9,041	336	8,300	SPA Prof. S. K. Narayana Endowment Fund
8	Allahabad bank	199991	8.75%	12 Month	30-Apr-15	50,000	54,521	30-Apr-16	31-Mar-16	366	4,521	336	4,160	SPA Prof. L.R. Vagale & Gourmma Vagale
9	Allahabad bank	199992	8.75%	12 Month	30-Apr-15	50,000	54,521	30-Apr-16	31-Mar-16	366	4,521	336	4,160	SPA Narendra Juneja Endowment Fund
10	Allahabad bank	199993	8.75%	12 Month	30-Apr-15	30,000	32,712	30-Apr-16	31-Mar-16	366	2,712	336	2,490	SPA Narendra Juneja Endowment Fund
11	Allahabad bank	199994	8.75%	12 Month	30-Apr-15	8,795	9,590	30-Apr-16	31-Mar-16	366	795	336	730	SPA Subhash Pranjape Memorial Award
12	Allahabad bank	199995	8.75%	12 Month	30-Apr-15	1,00,000	1,09,041	30-Apr-16	31-Mar-16	366	9,041	336	8,300	SPA Shriya Anand Endowment Fund
13	Allahabad bank	199996	8.75%	12 Month	30-Apr-15	12,000	13,085	30-Apr-16	31-Mar-16	366	1,085	336	996	SPA Ved Prakash Memorial Scholarship
14	Allahabad bank	199997	8.75%	12 Month	30-Apr-15	30,000	32,712	30-Apr-16	31-Mar-16	366	2,712	336	2,490	SPA Ms. Bandana Goyal Endowment Fund
15	UCO BANK IIPA	655509	8.75%	12 Month	13-Apr-15	2,00,000	2,18,083	13-Apr-16	31-Mar-16	366	18,083	353	17,441	SPA J.K. Chaudhary Endowment Fund
TOTAL						7,10,351	7,73,852				63,501		57,853	

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI - 110002

Consultancy Fund Account

Unspent Balance as on 31st March, 2016 under Project A/c

S. No.	Name of the Projects	Name of the Project Co-ordinator	Ledger Folio No.	Unspent Balance as on 01-04-2015	Receipt during the Year 2015-2016	Adjustment during the Year 2015-2016	Total	Payment/Adjustment during the year 2015-2016	Unspent Balance as on 31-03-2016	Projects Receipts Pending for Allocation
1	Numaligarh Refinery Ltd.	Prof. (Dr.) Rommel Mehta	1	-	24,79,688	-	24,79,688	23,88,340	91,348	2,42,252
2	NERIE, Shilong	Prof. A.K. Maitra (Retd.)	3	2,96,224	-	-	2,96,224	-	2,96,224	-
3	World Heritage Management Plan	Prof. Nalini Thakur	5	1,13,503	-	-	1,13,503	1,13,503	-	-
4	Study on Re-Development of Traditional Old Build-up Areas	Prof. A.K. Maitra (Retd.)	7	57,364	-	-	57,364	-	57,364	-
5	Indian School of Mines, Dhanbad	Prof. A.K. Maitra (Retd.)	9	28,645	-	-	28,645	-	28,645	-
6	National Horticulture Board	Prof. Mandeep Singh	11	20,000	-	-	20,000	20,000	-	-
7	Design India Completion for Police Station Building	Prof. Mandeep Singh	13	3,522	-	-	3,522	3,522	-	-
8	Delhi Cantonment Board Project (Different Sub-works of Development Plan)	Prof. Y. K. Jain & Prof. Anil Dewan	15	3,994	-	1,40,000	1,43,994	1,43,994	-	-
9	Hooghly River Front Development Kolkata	Prof. Ranjit Mitra (Retd.)	19	2,567	-	-	2,567	2,567	-	-
10	O.N.G.C. Project	Prof. M. L. Bahri	21	5,81,019	-	-	5,81,019	-	5,81,019	-
11	IIT Jaipur Project	Prof. Anil Dewan	25	97,408	-	-	97,408	-	97,408	-
12	Development Consultant Common Wealth Games Committee	Prof. (Dr.) Surinder Suneja	27	3,000	-	-	3,000	3,000	-	-
13	MCD Local Area Plan Project	Prof. (Dr.) Sarjuktia Bhaduri	29	1,505	-	-	1,505	1,505	-	-
14	Toolkit Project-Traffic Management	Prof. (Dr.) P. K. Sarkar	31	4,04,211	-	-	4,04,211	4,04,211	-	-
15	Delhi Cantonment Board Project (Drain Project)	Prof. Y. K. Jain	71	-	45,18,350	3,50,000	48,68,350	45,92,098	2,76,252	-
16	Toolkit on Social Impact Assst. & R&R Plan for Urban	Prof. (Dr.) Sarjuktia Bhaduri	75	1,59,133	-	-	1,59,133	1,59,133	-	-
17	DMRC Project (Heritage Impact Assst. of Line6)	Prof. Nalini Thakur	77	5,33,387	-	-	5,33,387	-	5,33,387	-
18	ISBT Flyover, PWD Project	Prof. (Dr.) Surinder Suneja	79	4,965	-	-	4,965	4,965	-	-
19	Toolkit Project on Urban Freight Transport Planning	Prof. (Dr.) Sanjay Gupta	81	1,71,180	6,20,560	-	7,91,760	2,72,778	6,18,982	60,000
20	Mahama Gandhi Marg Corridor Design, PWD Agra Project	Prof. (Dr.) Sewa Ram	83	8,81,289	-	-	8,81,289	6,21,928	2,59,361	-
21	Rites Ltd. Modelling for Ahmedabad Dholera SIR Metro Project	Prof. (Dr.) Sanjay Gupta	85	1,97,000	-	-	1,97,000	-	1,97,000	-
22	Oil India Project	Prof. (Dr.) Sarjuktia Bhaduri	87	16,01,296	40,93,376	40,000	57,94,672	55,66,989	1,87,683	3,99,900
23	Oil India Project (Equipment)	Prof. (Dr.) Sarjuktia Bhaduri	91	1,09,100	-	-	1,09,100	73,988	36,712	-
24	National School of Drama, NSD's Re-Developments Project	Prof. Arunava Das Gupta	95	22,35,516	-	-	22,35,516	-	22,35,516	-
25	Preparation of Comprehensive Conservation Management Plan of Heritage Building National Archives of India Project	Prof. Nalini Thakur	97	-	26,46,000	-	26,46,000	11,76,486	14,70,514	-
26	Scoping Study for Urban Heat Islands Project	Ms. Shweta Manchanda	99	3,21,750	-	-	3,21,750	3,21,750	-	-
27	SNC-Lavalin (M/s SPAN Consultants) Prof. P. K. Sarkar	Prof. (Dr.) P. K. Sarkar	101	52,650	-	-	52,650	52,650	-	-
28	National Institute of Open Schooling	Prof. (Dr.) P. K. Sarkar	103	77,640	-	-	77,640	77,640	-	-
29	Highway Project Sikar Section NH-11 Project	Prof. Mandeep Singh	105	-	3,00,412	-	3,00,412	3,00,412	-	-
30	Design of Public Facilities Complex, Wadala Project	Mr. Parag Anand Meshram	107	-	30,288	-	30,288	30,288	-	3,367
31	Proposed Extn. RSB Office Complex, Delhi Cantt. Project	Asstt. Prof. Prabhjot Singh Sugga	109	-	4,71,912	-	4,71,912	4,71,912	-	-
32	Medicinal & Herbal Garden, Noida Project	Prof. (Dr.) Surinder Suneja	111	-	25,73,023	-	25,73,023	25,73,023	-	-
33	Rejuvenation of Water Bodies, Delhi Cantonment Area Project	Prof. Y. K. Jain	113	-	15,96,000	-	15,96,000	14,16,383	1,79,617	-
34	Comprehensive Improvement & Drainage & Sewage System, Delhi Cantt. Project	Prof. Y. K. Jain	115	-	7,41,960	-	7,41,960	3,27,546	4,14,414	-
35	OHSR, Ambala Cantt. Project	Prof. Y. K. Jain	117	-	3,70,500	-	3,70,500	3,70,500	-	-
36	Express Park, Noida Development Authority Project	Prof. (Dr.) Surinder Suneja	127	-	11,85,052	-	11,85,052	11,85,052	-	-
37	Ajmer Airport Project, Airport Authority of India Project	Prof. Y. K. Jain	129	-	1,99,500	-	1,99,500	1,99,500	-	-
38	Eco-City Development Plan for Puri, Orissa Project	Prof. (Dr.) Shovan K. Shah (Retd.)	131	-	22,500	22,500	22,500	22,500	-	-
39	Preparation of DPR, Devprayag Uttarakhand Project	Prof. (Dr.) P.S.N. Rao	133	-	5,70,000	-	5,70,000	2,45,000	3,25,000	-
40	DfF Universal Ltd. Audit & Certification Project	Prof. (Dr.) Mandeep Singh	135	-	3,12,000	-	3,12,000	3,12,000	-	50,000
	Grand Total			79,18,068	227,08,651	5,52,500	311,79,219	234,53,573	77,25,646	7,55,519

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

Trial Balance

For the Financial Year 2015-2016

Particulars	Ledger Folio No.	OPENING BALANCE		Transactions		CLOSING BALANCE	
		Debit	Credit	Debit	Credit	Debit	Credit
Numalgarh Refinery Ltd.	1	-	-	23,88,340	24,79,688	-	91,348
NERIE, Shilong	3	-	2,56,224	-	-	-	2,56,224
World Heritage Management Plan	5	-	1,13,503	1,13,503	-	-	-
Study on Re-Development of Traditional Old Build-up Areas	7	-	57,364	-	-	-	57,364
Indian School of Mines, Dhanbad	9	-	28,845	-	-	-	28,845
National Horticulture Board	11	-	20,000	20,000	-	-	-
Design India Completion for Police Station Building	13	-	3,522	3,522	-	-	-
Delhi Cantonment Board Project (Different Sub-work of Development Plan)	15	-	3,994	1,43,994	1,40,000	-	-
Hooghly River Front Development Kolkata	19	-	2,567	2,567	-	-	-
O.N.G.C. Project	21	-	5,81,019	-	-	-	5,81,019
IT/ Jaipur Project	25	-	97,408	-	-	-	97,408
Development Consultant Common Wealth Games Committee	27	-	3,000	3,000	-	-	-
MCD Local Area Plan Project	29	-	1,505	1,505	-	-	-
Toolkit Project (ITS & Traffic Management) Prof. P. K. Sarkar	31	-	4,04,211	4,04,211	-	-	-
School Share	33	-	-	69,20,499	69,20,499	-	-
School Share Distribution	35	-	-	48,47,922	48,47,922	-	-
Service Tax	37	-	-	29,83,619	29,83,619	-	-
T.D.S (30.9% & 20.6%)	41	-	-	20,24,720	20,24,720	-	-
T.D.S (10%)	45	-	-	5,44,353	5,44,353	-	-
Administration Expenses	51	-	3,99,155	6,26,688	5,75,940	-	3,48,407
Concern Department	55	-	46,85,274	3,88,281	10,34,502	-	53,31,495
PDF Consultants	59	-	14,49,381	2,94,180	6,89,668	-	18,44,869
Misc. Receipts	63	-	342	342	-	-	-
F.D.R.'s with (UCO Bank, State Bank of India & Central Bank of India)	65	160,00,000	-	51,35,620	65,00,000	146,35,620	-
Interest on F.D.R.'s & Saving A/c (Received)	67	-	119,53,749	3,84,464	21,45,956	-	137,15,242
Bank Charges	69	-	-	458	458	-	-
Delhi Cantonment Board Project(Drain Project)	71	-	-	45,92,098	48,68,350	-	2,76,252
Toolkit on Social Impact Assst. And R&R Plan for Urban Transport	75	-	1,59,133	1,59,133	-	-	-
DMRC Project (Heritage Impact Assst. of Line6)	77	-	5,33,387	-	-	-	5,33,387
ISBT Flyover, PWD Project	79	-	4,965	4,965	-	-	-
Traffic Management Toolkit Project (Prof. Dr. Sanjay Gupta)	81	-	1,71,180	2,72,778	6,20,580	-	5,18,982
Mahatma Gandhi Marg Corridor Design, PWD Agra Project	83	-	8,81,289	6,21,928	-	-	2,59,361
Rites Ltd. Modelling for Ahmedabad Dholera SIR Metro Project	85	-	1,97,000	-	-	-	1,97,000
Oil India Project	87	-	16,01,296	55,66,989	41,33,376	-	1,67,683
Oil India Project (Equipment)	91	-	1,09,100	73,388	-	-	35,712
National School of Drama, NSD's Re-Developments Project	95	-	22,35,516	-	-	-	22,35,516
National Archives of India Project	97	-	-	11,75,486	26,46,000	-	14,70,514
Scoping Study for Urban Heat Islands Project	99	-	3,21,750	3,21,750	-	-	-
SNC-Lavalin (M/s SPAN Consultants) Prof. P. K. Sarkar	101	-	52,650	52,650	-	-	-
National Institute of Open Schooling	103	-	77,640	77,640	-	-	-
Highway Project Sikar Section NH-11 Project	105	-	-	3,00,412	3,00,412	-	-

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

Trial Balance

For the Financial Year 2015-2016

Particulars	Ledger Folio No.	OPENING BALANCE		Transactions		CLOSING BALANCE	
		Debit	Credit	Debit	Credit	Debit	Credit
Design of Public Facilities Complex, Wadala Project	107	-	-	30,298	30,298	-	-
Proposed Extn. RSB Office Complex, Delhi Cantt. Project	109	-	-	4,71,912	4,71,912	-	-
Medicinal & Herbal Garden, Noida Project	111	-	-	25,73,023	25,73,023	-	-
Rejuvenation of Water Bodies, Delhi Cantonment Area Project	113	-	-	14,16,383	15,96,000	-	1,79,617
Comprehensive Improvement & Drainage & Sewage System, Delhi Cantt. Proje	115	-	-	3,27,546	7,41,960	-	4,14,414
OHSR, Ambala Cantt. Project	117	-	-	3,70,500	3,70,500	-	-
Legal Fees	119	-	-	18,500	18,500	-	-
Printing & Stationery	121	-	-	21,840	21,840	-	-
Refreshment	123	-	-	2,133	2,133	-	-
Audit Fee	125	-	-	1,14,000	1,14,000	-	-
Express Park, Noida Development Authority Project	127	-	-	11,85,052	11,85,052	-	-
Ajmer Airport Project, Airport Authority of India Project	129	-	-	1,99,500	1,99,500	-	-
Eco-City Development Plan for Puri, Orissa Project	131	-	-	22,500	22,500	-	-
Preparation of DPR, Devprayag Uttarakhand Project	133	-	-	2,45,000	5,70,000	-	3,25,000
DLF Universal Ltd. Audit & Certification Project	135	-	-	3,12,000	3,12,000	-	-
Furniture	61	17,986	-	-	-	17,986	-
Accrued Interest	57	1,57,997	-	2,272	1,57,997	2,272	-
TDS Recievable		-	-	8,55,586	-	8,55,586	-
Projects Reciepts Pending for Allocation		-	-	-	7,55,519	-	7,55,519
State Bank of India (SB A/c No.10310544230)		96,05,281	-	243,77,367	268,76,117	71,06,531	-
Central Bank of India (S.B. A/c No.3406523203)		6,24,705	-	129,62,097	64,83,620	71,03,182	-
TOTAL		264,05,969	264,05,969	859,58,514	859,58,514	297,21,178	297,21,178

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

**Receipt & Payment Account
For the year ended 31st March, 2016**

AMOUNT (Rs.) 2014-2015	RECEIPTS	AMOUNT (Rs.) 2015-2016	AMOUNT (Rs.) 2014-2015	PAYMENTS	AMOUNT (Rs.) 2015-2016
	Opening Bank Balance				
141,60,598	- State Bank of India (SB A/c No.10310544230)	96,05,281	202,00,665	Payment/Adjustment during the year as per Annexure enclosed	234,53,573
-	- Central Bank of India (S.B. A/c No.3406523203)	6,24,705			
189,42,122	Receipts during the Year as per Annexure Enclosed	227,08,651	60,36,332	School Share	69,20,499
60,36,332	School Share	69,20,499	6,12,215	Administrative Expenses	7,83,619
17,29,639	Bank Interest from S/B & F.D.R's A/c	21,45,614	-	TDS Receivable	8,55,586
5,76,301	Administrative Expenses	7,32,871	42,25,435	School Share distribution	48,47,922
-	Projects Receipts Pending for Allocation	7,55,519	23,06,555	Service Tax	29,83,619
42,25,435	School Share Distribution	48,47,922	21,42,491	TDS	25,69,073
23,06,555	Service Tax	29,83,619	8,61,586	P.D.F Consultants	2,94,180
21,42,491	TDS	25,69,073	6,58,221	Concerned Department/Centre	3,88,281
6,03,635	P.D.F Consultants	6,89,668	30,00,000	F.D.R's With State Bank of India	15,00,000
89,000	Advance P.D.F Consultants	-	30,00,000	F.D.R's With Central Bank of India	35,00,000
9,05,450	Concerned Department/Centre	10,34,502	-	F.D.R's With Uco Bank	1,35,620
24,000	Advance Concerned Department/Centre	-	-	Miscellaneous Receipts	342
342	Miscellaneous Receipts	342	3,29,681	Bank Interest from S/B & F.D.R's A/c	3,84,464

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

**Receipt & Payment Account
For the year ended 31st March, 2016**

AMOUNT (Rs.) 2014-2015	RECEIPTS	AMOUNT (Rs.) 2015-2016	AMOUNT (Rs.) 2014-2015	PAYMENTS	AMOUNT (Rs.) 2015-2016
-	F.D.R's With Central Bank of India-Matured	65,00,000	1,57,997	Interest Accrued On F.D.R's with Bank	2,272
-	Interest Accrued On F.D.R's with Bank	1,57,997		Closing Bank Balance	
20,19,263	Adjustment of Project during the Year as per Annexure Enclosed	5,52,500	96,05,281	- State Bank of India (SB A/c No.10310544230)	71,06,531
			6,24,705	- Central Bank of India (S.B. A/c No.3406523203)	71,03,182
537,61,164	Total	628,28,764	537,61,164	Total	628,28,764

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

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

For SUNDER SHARMA & CO.
CHARTERED ACCOUNTANTS

Sd/-
CA. Sunder Kumar Sharma
Partner

Sd/-
Prof. (Dr.) Mandeep Singh
Dean of Studies

Sd/-
Prof. Chetan Vaidya
Director

PLACE : NEW DELHI
DATE : 30/06/2016

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

Balance Sheet

As on 31st March, 2016

AMOUNT (Rs.) 2014-2015	LIABILITIES	AMOUNT (Rs.) 2015-2016	AMOUNT (Rs.) 2014-2015	ASSETS	AMOUNT (Rs.) 2015-2016
79,18,068	Unspent Balance of Projects (As per Annexure Enclosed)	77,25,646		Fixed Assets	
-	Projects Receipts Pending for Allocation (As per Annexure Enclosed)	7,55,519	17,986	Furniture	17,986
-	School/Institute's Share from Consultancy Fund			Investment in Fixed Deposits	
	Opening Balance		70,00,000	FDR with UCO Bank	71,35,620
	Addition during the year	-	60,00,000	FDR with State Bank	75,00,000
	Less : Transferred to School Share Distribution, Concern Department, PDF & Administrative Expense	(69,20,499)	30,00,000	FDR with Central Bank	146,35,620
-	School Share Distribution			Current Assets, Loans & Advances	
	Opening Balance		1,57,997	Accrued Interest	2,272
	Add: Transferred from Consultancy Fund	48,47,922		TDS Recievable	8,55,586
	Less : Transferred to School Main Account	(48,47,922)	-	Bank Balance	
46,85,274	Concerned Department/ Centre		96,05,281	State Bank of India S/B A/c No. 10310544230	71,06,531
	Opening Balance	46,85,274	6,24,705	Central Bank of India S/B A/c No.3406523203	71,03,182
	Add: Transferred from Consultancy Fund	10,34,502			
	Less : Paid during the Year	(3,88,281)	53,31,495		
14,49,381	Personal Development Fund (PDF) Consultants				
	Opening Balance	14,49,381			
	Add: Transferred from Consultancy Fund	6,89,668			
	Less : Paid during the Year	(2,94,180)	18,44,869		
3,99,155	Administrative Expenses fund				
	Opening Balance	3,99,155			
	Add: Transferred from Consultancy Fund	3,48,407			
	Less : Paid during the Year	(3,99,155)	3,48,407		

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

**Balance Sheet
As on 31st March, 2016**

AMOUNT (Rs.) 2014-2015	LIABILITIES	AMOUNT (Rs.) 2015-2016	AMOUNT (Rs.) 2014-2015	ASSETS	AMOUNT (Rs.) 2015-2016
119,53,749	Surplus				
	Opening Balance	119,53,749			
	Add : Miscellaneous Receipts	342			
	Addition During the Year	21,45,614			
		140,99,705			
	Less : Expenses incurred during the year (As per Annexure enclosed)	(3,84,464)			
342	Miscellaneous Receipts				
	Opening Balance	342			
	Less : Transferred to Surplus	(342)			
264,05,969	Total	297,21,178	264,05,969	Total	297,21,178

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

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

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

Sd/-
CA. Sunder Kumar Sharma
Partner

Sd/-
Prof. (Dr.) Mandeep Singh
Dean of Studies

Sd/-
Prof. Chetan Vaidya
Director

**PLACE : NEW DELHI
DATE : 30/06/2016**

NOTES FORMING PART OF ACCOUNTS OF CONSULTANCY CELL

1. The Annual Accounts of Consultancy Cell have been prepared on the basis of Consultancy Rules prescribed by the Ministry of HRD
2. As per practice the advance given to Project Coordinator for Project activities have been directly deducted from project fund received & balance is shown as unspent Balances at Liability side.
3. The interest received on FDR's and Saving Bank during the year for Rs. 21,45,614/- is add to Surplus account. The school has also deducted Rs. 3,84,464/- from this surplus account of expenses incurred during the year.
4. The Consultancy receipts under different projects have been shown on the basis of net of Tax Deducted at Source and Tax deducted on Projects receipts have been shown as "Project Receipt pending for Allotment".
5. Service Tax liability is assumed at the time when payment is received from the project instead of at the time of issue of Invoice.
6. Separate Cash Book and Books of Accounts have been maintained for Consultancy Fund.
7. Figures are rounded off to the nearest rupees.
8. Figures of the previous year have been regrouped/rearranged and recasted wherever considered necessary.
9. Notes are annexed to and form an integral part of the Balance Sheet as at 31-03-2016 and the Receipts and Payments for the year ended on that date.
10. Consultancy Cell following the Cash system of Accounting.

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

Sd/-
CA. Sunder Kumar Sharma
Partner

Sd/-
Prof. (Dr.) Mandeep Singh
Dean of Studies

Sd/-
Prof. Chetan Vaidya
Director

**PLACE : NEW DELHI
DATE : 30/06/2016**

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF THE FINANCIAL ACCOUNTS FOR THE
YEAR ENDED 31-03-2016

SCHEDULE - 19 SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF ACCOUNTS

The financial statements are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

2. REVENUE RECOGNITION

The recognition of the revenue should be on accrual basis. However, the school has not followed the accrual system of accounting policy, as except Interest on FDRs the school is recognising the revenue pertaining to fees from student & Other Incomes are recognised on Cash basis. The School recognise cost on Hybrid System.

3. FIXED ASSETS & DEPRECIATION

- 3.1 Fixed Assets are stated at cost of acquisition including of inward freight, duties and taxes and incidental and direct expenses related to the acquisition, installation and commissioning.
- 3.2 Gifted/Donated assets are valued at the declared value where available; if not available, the value is estimated based on the present market value and the physical condition of the asset. They are set-up by credit to Fixed Asset Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.
- 3.3 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the School, are setup by credit to Capital Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.
- 3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

S. No.	Nature of asset	Rate of depreciation
1.	Land	0%
2.	Site Development	0%
3.	Building	2%
4.	Office Equipment	7.5%
5.	Computer & peripherals	20%
6.	Furniture, Fixtures & Fittings	7.5%
7.	Vehicles	10%
8.	Library books & Scientific Journals	10%

- 3.5 Depreciation will be charged for the full year in the year of acquisition of the relevant assets. Where an asset is fully depreciated, it will be carried at a residual value of Re.1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additions of each year separately at the rate of depreciation applicable for that asset head.
- 3.6 Depreciation for the year on fixed assets of the school has been debited to Fixed Assets/Building Fund in consistent with the fund based accounting.

4. STOCKS

No valuation of inventory of closing stock at the end of the financial year is made on account of purchases made of chemicals, glassware, publications, stationery and other stores. All the purchases of these items are recognised as revenue expenditure.

5. RETIREMENT BENEFITS

Liabilities towards retirement benefits i.e., Pension, Gratuity and Leave Encashment of Employees are not necessary in view of recurring grant towards Non Plan which includes amount payable to employees who retires and includes pension for retired eligible employees for the grant period. Pension contribution received in respect of SPA's employees on deputation is credited to the Provision for Pension Account. Other retirement benefits viz. Contribution to New Pension Scheme, Medical reimbursement to retired employees and Travel to Home Town on retirement are accounted on accrual basis (actual payments plus outstanding bills at the end of the year)

6. INVESTMENTS

All the investment has been made in the form of Fixed Deposits in bank. No other types of investment are with the School.

7. EARMARKED/ ENDOWMENT FUNDS

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

7.1 CORPUS FUND

- a) Corpus fund was established in 2013-14. The Executive Council of School has approved to transfer a certain percentage of the amount received from Consultancy and DASA fees (i.e. 20% of Consultancy school share and 50% of DASA fees received from students).
- b) The Income from investments of the fund is utilized for both Revenue and Capital expenditure based on the guidelines by the University Grants Commission and the Executive Council of the School from time to time. The balance in the Corpus Fund which is carried forward is represented by the balance in Saving Bank Account, Fixed Deposits with the Bank and Accrued interest on investments.

7.2 FIXED ASSET /BUILDING FUND

The School maintains a separate Fixed Asset/Building Fund for purchase assets. The Capital Grant received is added to this fund and the depreciation on fixed assets during the year are also deducted from this fund. The assets created out of this Fund are merged with the assets of the School.

7.3 ENDOWMENT FUNDS

Endowment Funds are funds received from various individual Donors, Trusts and other organizations, for establishing Chairs and for Medals & Prizes, as specified by the Donors. Each of the Endowment funds has its own investment.

The income from investment of each Endowment Fund is added to the Fund. The expenditure on Chairs, Medals & Prizes is debited to the respective Endowment Funds and the balance is carried forward.

7.4 INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS

To the extent not immediately required for expenditure, the amount available against such funds are invested in fixed deposit with bank, leaving the balance in Saving Bank Accounts.

Interest received, Interest accrued and due and interest accrued but not due on such investments are added to the respective funds and not treated as income of the School except the Fixed Asset & Building Fund.

8. GOVERNMENT GRANTS

- 8.1. Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable in Fund in Transit.
- 8.2. Government Grants of capital nature are recognised on accrual basis and shown as capital grants under Fixed Assets /Building Fund in consistent with fund based accounting.

9. SPONSORED PROJECTS

- 9.1 In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions - Current Liabilities - Other grant, Faculty deposits & Sponsored projects." As and when expenditure is incurred/advances are paid against such projects, or the concerned project account is debited with allocated overhead charges, the liability account is being debited.
- 9.2 Various Scholarship/Fellowship has been received by the school from the various organisation. These are accounted in the same way as Sponsored Projects except that the expenditure generally is only on disbursement of Scholarship and Fellowship, which may include allowances for contingent expenditure by the fellows and scholars.

10 INCOME TAX

The school is exempt under Section 10(23C) (iiiab) of the Income Tax Act 1961 and accordingly, no provision for income tax is made in the books of accounts.

SCHEDULE – 20 CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

A CONTINGENT LIABILITIES

1 CONTINGENT LIABILITIES

As on 31st March 2016, there are 11 cases are filed against the School by former/ present employees, tenants and contractors and arbitration cases with contractors were pending for decisions. The suits filed by employees were establishment- related viz. promotions, increments, pay scales, termination etc. The quantum of the claims is not ascertainable.

B NOTES TO ACCOUNTS

School of Planning and Architecture is an Institution of “National Importance” under an Act of Parliament and is fully financed by the Ministry of HRD, Govt. of India. Therefore its accounting policies are mostly based on GFR’s & R&P Rules. The accounting principles and policies of the School in brief are as under:

1. Fixed Assets

- 1.1 Addition in the Fixed Assets of Rs.22,856,539 is made during the financial year 2015-16 which also includes the amount of gifted Books and Journals of Rs. 30,081.
- 1.2 Fixed assets as set out in Schedule 4 do not include assets purchased out of funds of sponsored projects, held and used by the Institution, as project contracts include stipulations that all such assets purchased out of the projects funds will remain the property of the sponsors.

2. Endowment Fund

- 2.1 In some of the cases endowment funds are having debit balances from the previous years due to excess amount incurred by the school on these funds.
- 2.2 During the year School has received Rs.1,00,000/- in respect of “Vandana Goel Gold Medal Endowment Fund”, as per the practice of the School it should be invested as term deposits but the balance is still in the main saving bank account of the school.

3. Deposits / Current Liabilities

- 3.1 The amount outstanding as Earnest Money Deposits and Security Deposits is of Rs.18,47,741 and Rs.48,22,584 respectively. No income is recognised on account of forfeiture of the Earnest Money Deposits and Security Deposits during the year.
- 3.2 The cheques issued but not presented for payment for Rs.12,53,680 pertaining to the Financial year 2013-14 has been transferred to Stale Cheques and shown under the head Current Liability. The School has also considered the income of Rs. 1,13,94,902 out of the stale cheques pertaining to the period prior to 31st March 2013 on the assumption that the payment of these are time barred.
- 3.3 The School has recognised the income of Rs. 35,70,953 of the amount lying under the head “Current Liabilities-Deduction from Salary” which is outstanding prior to the period 31st March 2012.

4. Current Assets, Loan and Advances

In the opinion of the management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown

in the Balance Sheet but subject to reconciliation. Increase in advances during the year is mainly on account of advances given to employees/ outside parties.

- 4.1 The debit balance from sponsored projects for Rs 11,42,841 has been shown in Schedule 8 of Loan ,Advances and Deposits in the balance sheet.
- 4.2 The interest on loan and advances (interest bearing) given to the staff are accounted on books of accounts on cash basis.

5 Prepaid Expenses

During the year 2010-11, school has made a lump sum payment of Rs. 49,63,500/- to Mahanagar Telecom Limited (MTNL) of Internet link for 10 years and such prepaid expenditure to be written off to Income & Expenditure Account over the period of agreement i.e. expenditure will be spread over the period of 10 years and unadjusted balance to be shown under the head of current assets.

6 Source of Funds

The receipts of funds in the Non-plan and Plan budget of the School are classified as under:-

- i) Grant in Aid from the Ministry of Human Resource Development, Govt. of India.
- ii) Misc. Receipts like Tuition Fee, Hostel rent and other charges, Guest House rent, Performance fees, Interest on investment of GPF/CPF, disposal of unserviceable materials, prospectus sale, other misc. receipts etc.

7. Capital Grant

During the year, School has received Capital Grant amounting to Rs. NIL from Ministry of Human Resource Development for creation of capital assets which is shown as Fund under the head of Fixed Assets & Building Fund in the Schedule -2 of the financial statements.

8 GPF/CPF Investment

- 8.1 The School is maintaining separate saving bank accounts for GPF/CPF in the UCO Bank, New Delhi. A separate Books of Accounts is being maintained for GPF/CPF A/c. The interest in GPF/CPF A/c's is calculated on 31st March of the Financial Year and is credited to GPF/CPF A/c. The investment of GPF/CPF contribution is made in the form of KDR/FDRs/TDRs with the UCO Bank, Allahabad Bank and Canara Bank at the prevailing rate of interest. As per the previous policy of the School the interest received on GPF/CPF investment is transferred to School main account as no separate Income and Expenditure account is maintained for GPF/CPF.

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

- 8.2 The School has transferred the excess fund of Rs. 32,50,950 and Rs. 8,87,114 of GPF/CPF respectively to the Interest Reserve Account in order to show the actual liability of the respective fund.

9. New Pension Scheme Fund

The amount lying in New Pension Scheme Fund was invested in the Fixed Deposit and the interest on investment and saving bank is transferred to the School account.

10. Miscellaneous

10.1 Figures are rounded off to the nearest rupees.

10.2 The School has adjusted new format according to the applicability of the heads and on the basis of availability of the information under the present scenario.

10.3 Figures of the previous year have been regrouped/rearranged and recasted wherever considered necessary in line with the format prescribed.

10.4 Schedule 1 to 20 are annexed to and form an integral part of the Balance Sheet as at 31-03-2016 and the Income and Expenditure account for the year ended on that date.

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

Sd/-
CA. SUNDER KUMAR SHARMA
PARTNER

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

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

Sd/-
PROF. CHETAN VAIDYA
DIRECTOR

PLACE : NEW DELHI

DATE : 30/06/2016

**SEPARATE AUDIT REPORT OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA
ON THE ACCOUNTS OF THE SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
FOR THE YEAR ENDED 31 MARCH 2016**

1. We have audited the attached Balance Sheet of School of Planning and Architecture (SPA) as at 31 March 2016 and the Income & Expenditure Account/Receipts & Payments Account for the year ended on that date under Section 20(1) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. The audit has been entrusted for the period up to 2017-18. These financial statements are the responsibility of School of Planning and Architecture's management. Our Responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
 - I. We have obtained all the information and explanations, subject to the observation in the report, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - II. The Balance Sheet and Income & Expenditure Account/Receipts and Payments Accounts dealt with by this report have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India except as indicated at comment No. A.1.1 & C.3.
 - III. In our opinion, proper books of accounts and other relevant records, except Fixed Assets Register, have been maintained by the School of Planning and Architecture in so far as it appears from our examination of such books.
 - IV. We further report that;
 - A Balance Sheet**
 - A.1 Liabilities**
 - A.1.1 Corpus/Capital Fund (Schedule 1)-Rs.0.355crore**The above did not include the grants utilized for Capital Expenditure though the SPA had total assets of Rs. 41.76 crore and net depreciated of Rs 13.69 crore as on

31.3.2016 the same have been included in schedule 2 (Designated/Earmarked/Endowment Fund). To this extent this schedule was not drawn as per the instructions in format of Accounts prescribed by Ministry of Human Resource Development.

B. Balance Sheet of GPF

B.1 Liabilities

An amount of Rs.12.63 crore has been shown under the head GPF Fund on the liabilities side of the balance sheet of GPF/CPF. However, as per Broadsheet of GPF, the actual liabilities of GPF were Rs. 12.65 crore as on 31 March 2016. This has resulted in overstatement of Liabilities by Rs.0.02 crore which needs to be reconciled.

C. General

C.1 No fixed Assets Register was maintained by the School.

C.2 the Significant Accounting Policy No.5 of the School of Planning New Delhi requires that liability towards retirement benefits i.e Pension, Gratuity and leave encashment of the employees are not necessary in view of recurring grant towards Non Plan which includes amount payable to employees who retire and includes the amount payable to employees who retire and includes pension for retired eligible employees for the grant period. This policy is in violation of AS-15 of ICAI which provides that Employees' Benefits/obligations are to be provided on Actuarial Valuation Method and the format approved by MHRD.

C.3 The SPA has drawn its accounts broadly in the format prescribed by MHRD but there are certain deviations from the prescribed format which needs to be rectified.

- i)** Corpus/Capital Fund includes reserves and surplus of GPF/CPF account amounting to Rs. 75.38 Lakh and in the Schedule of Designated/Earmarked/Endowment Funds of GPF/CPF Fund and NPS has been included whereas as per the Format prescribed by MHRD these are to be included in the main Accounts and kept separate from the main accounts.
- ii)** The closing balances of Designated/Earmarked/Endowment Fund have to be shown as represented by whom i.e cash/investment etc. but the same has not been shown.
- iii)** In Schedule 4- Fixed Assets, details of assets under plan and non – plan were not disclosed separately.
- iv)** Annexure –A about details of bank balances of various funds has not been attached with schedule-7 'Current Assets' as prescribed in the new format.
- v)** In schedule 10-Grants /subsidies details of opening balance of grants, utilization of grant –in –aid for capital & revenue expenditure had not been shown.
- vi)** Consultancy Cell follows the cash system of Accounting but as per format of accounts prescribed by MHRD it should be prepared on accrual basis.
- vii)** School of planning and Architecture recognises cost on Hybrid System but as per format of accounts prescribed by MHRD it should be prepared on accrual basis only.

C.4 The scrutiny of bank reconciliation statement of SPA revealed the following unreconciled amount pending since long time:-

Sl. No.	Bank Account No.	Cheques Issued but not yet presented payment	Cheques deposited but not yet cleared	Amount credited by bank but not taken in cash book (BRS tally utility)	Amount debited by bank not reflecting in cashbook(BRS tally utility)
1	UCO Bank Account No.18200100001266	48.17(April 2014 to Dec2015)	26.86 (2014 to December 2015)	16.65 (2009-10 to October 2014)	0.77 (January 2010 to February 2015)
2	UCO Bank GPF Account No.18200100001209	1.46 (April 2010)	0.90 (April 2010 to October 2014)	-	-

- Cheques deposited but not yet cleared of Rs.26.86 lakh includes Rs.1.95 lakh of Application –Admission fees (Prior to 2016-16: Rs.60, 800 and 2015-16: Rs.1, 34,000). This need to be immediately pursued with the bank to prevent loss of revenue.
- Incases where the cheques /DD have been issued and not presented for payment & have become time-barred, should be written back & shown as liability in the Accounts.
- In cases where cheques have been deposited in bank but credit not given by the bank and amount debited by bank need to be investigated & pursued with the banks and reconciled

D. Grant-in-aid

During the year 2015-16, the School of Planning and Architecture received grant of Rs. 26.00 crore (Plan: Nil and Non Plan Rs. 26.00 crore) from the Ministry of Human Resource Development. It had Nil opening balance under Non-Plan and Rs. 6.65 crore under Plan. The grant was fully utilized.

It has received Rs.330.90 lakh for various projects and had Rs. 148.62 lakh as unspent balance of previous year. It utilized Rs.56.24 lakh and had unutilized Balance of Rs.423.28 lakh as on 31/3/2016

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

- v. Subject to our observation in the preceding paragraphs, we report that the Balance Sheet and Income and Expenditure Account /Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

- vi. In our opinion and to the best of our information and according to the explanation given to us, the said financial statements, read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principal generally accepted in India:
- a. in so far as it relates to the Balance Sheet of the state of affairs of the School of Planning and Architecture, New Delhi as at 31 March 2016; and
 - b. in so far as it relates to the Income and Expenditure Account of the Deficit for the year ended on that date.

For and on behalf of the C&AG of India



**Director General of Audit
(Central Expenditure)**

**Place: New Delhi
Date: 3.2.17**

Annexure to Audit Report

1. Adequacy of Internal audit system

- The School neither has any internal audit wing nor has the internal audit been done by the Ministry of Human Resource Development.
- A consultant had been appointed for pre-audit and the chartered accountant's firm had conducted part of internal audit with regard to the aspects of the accounts.

2. Adequacy of Internal Control System

The Internal Control System of School needs to be strengthened in following areas-

- (i) Outstanding debit balances in various sponsored projects needs to be adjusted promptly.
- (ii) Absence of regular system of physical verification of assets and inventory.
- (iii) Non-Maintenance of Fixed Assets Register.
- (iv) Physical verification of Fixed Assets and inventory was not conducted regularly.

3. System of Physical Verification of assets

- The physical verification of fixed assets has been conducted up to 2012-13

4. System of Physical verification of inventory

- Physical verification of books and publication had been conducted upto December 2013-14
- Physical verification of inventory like stationery and consumables was conducted up to 2010-11

5. Regularity in payment of dues

- As per the accounts, payment of Rs. 24,588 in respect of statutory dues was outstanding for over six months as on 31.03.2016



School of Planning and Architecture

An Institution of National Importance

under an Act of Parliament (Ministry of HRD, Govt. of India)

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