

ANNUAL REPORT

2011-2012



SCHOOL OF PLANNING AND ARCHITECTURE

(Deemed to be a University)

Indraprastha Estate, New Delhi - 110 002

CONTENTS

| | |
|--|-----|
| PREFACE | |
| THE SCHOOL OF PLANNING AND ARCHITECTURE 1942-2012 | iii |
| ACADEMIC, RESEARCH AND EXTENSION ACTIVITIES | 1 |
| DEPARTMENT OF ARCHITECTURE AND CENTRE FOR ADVANCED STUDIES IN ARCHITECTURE | 14 |
| DEPARTMENT OF PHYSICAL PLANNING | 43 |
| DEPARTMENT OF ARCHITECTURAL CONSERVATION | 61 |
| DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT | 80 |
| DEPARTMENT OF ENVIRONMENTAL PLANNING | 93 |
| DEPARTMENT OF HOUSING AND CENTRE FOR HOUSING STUDIES | 103 |
| DEPARTMENT OF INDUSTRIAL DESIGN | 112 |
| DEPARTMENT OF LANDSCAPE ARCHITECTURE | 154 |
| DEPARTMENT OF REGIONAL PLANNING | 172 |
| DEPARTMENT OF TRANSPORT PLANNING AND CENTRE FOR TRANSPORT STUDIES | 186 |
| DEPARTMENT OF URBAN DESIGN | 200 |
| DEPARTMENT OF URBAN PLANNING AND CENTRE FOR URBAN STUDIES | 211 |
| LIBRARY | 221 |
| CENTRE FOR GEOGRAPHIC INFORMATION SYSTEM, CENTRE FOR ANALYSIS AND SYSTEM STUDIES & REMOTE SENSING | 225 |
| AUDIO-VISUAL UNIT | 234 |
| AUTHORITIES OF THE SCHOOL | 238 |
| ANNUAL ACCOUNTS 2011-2012 | 254 |
| AUDIT REPORT | 295 |

PREFACE

The School of Planning and Architecture (SPA) New Delhi is Centrally Funded Autonomous Institution of the Ministry of Human Resource Development and has been deemed to be a University since 1979.

The Department of Architecture was founded in 1942 as a part of Delhi Polytechnic and subsequently merged with the School of Town & Country Planning and became SPA in 1959. The School was given the status of Deemed to be University in 1979. The School offers two Under-Graduate Programme, one for Architecture and the other in Planning and 10 Post-Graduate programme, three in architecture, five in Planning, Industrial Design and Building Engineering and Management. A total strength in the session 2011-2012 was 1070 of which 57 Foreign Nationals/NRI/PIO etc.

Apart from imparting professional education in the various fields related to the built environment, the School has also been pursuing sponsored research from various Government bodies and Institutions. The School also carries out capacity building exercise in the form of Quality Improvement Programmes and Training Workshops for their collaborative institutions.

The Annual Report covers the activities and achievements of the various Departments of Studies and their respective faculty members. It demonstrates the dedication of the School towards quality education and social responsibilities.

Members of the faculty also serve on various Committees and Statutory Bodies of various Government and Statutory Organizations contributing their knowledge towards a better built and natural environment. The School also undertakes several consultancy projects for various Government and other institutions throughout India.

Director

THE SCHOOL OF PLANNING AND ARCHITECTURE 1942-2012

The School of Planning and Architecture (SPA) began in 1942 as a Department of Architecture of Delhi Polytechnic, later affiliated to the University of Delhi and integrated with the School of Town and Country Planning, which was established in 1955 by the Government of India to provide training of education in rural, urban and regional planning. On integration, the school was renamed as School of Planning and Architecture in 1959.

Recognised the specialised nature of the fields in which the School had attained eminence, the Government of India, conferred on the School of Planning and Architecture the status of "Deemed to be a University" in 1979.

With the new status, the School has broadened its horizons by introducing new academic and extension programmes and promoting research and consultancy activities. The School is a specialized University, which exclusively provides training at various levels, in different aspects of human habitat and environment.

The School has taken a lead in introducing academic programmes in specialised fields both at Bachelor's and Master's level some of which are not available elsewhere in India. The perspective Plan of the School is invisioned as an institution offering number of postgraduate courses as well as areas of research.

PROGRAMMES OFFERED BY THE SCHOOL

UNDER-GRADUATE PROGRAMMES

BACHELOR'S PROGRAMME IN ARCHITECTURE

POST-GRADUATE PROGRAMMES

MASTER'S PROGRAMME IN ARCHITECTURE

With specialization in

- Architectural Conservation
- Industrial Design
- Urban Design

MASTER'S PROGRAMME IN LANDSCAPE ARCHITECTURE

MASTER'S PROGRAMME IN BUILDING ENGINEERING & MANAGEMENT

Ph.D.

In 1985, Doctoral Programme were introduced leading to Ph.D. Degree in the disciplines offered at the School

BACHELOR'S PROGRAMME IN PLANNING

MASTER'S PROGRAMME IN PLANNING

With specialization in

- Environmental Planning
- Housing
- Regional Planning
- Transport Planning
- Urban Planning

The existing sponsored and non-sponsored Research Centres of Research located within each Department of Studies are also proposed to be expanded to a great extent.

To promote research, extension, documentation and dissemination in respective fields, Centres of Research and Advanced Studies have been set up by the School for advanced studies in Architecture, Conservation Studies, Environmental Studies, Housing Studies Rural Development, Transport Studies, Urban Studies and Innovative Spatial Planning.

In recognition of the need for extending the education of research facilities to other developing countries in Africa, SAARC and South Asia and a support and participation in the bilateral cultural programmes being entered into by India with other countries in these regions, the School has been cited as an institution in Cultural Exchange Programme.

In the School, there is a pronounced emphasis on organized research, both sponsored and non-sponsored, in all the Departments of Studies and Centres of Research, Research activity in the School is carried out through fulltime Ph.D. scholars registered for Doctoral Programmes on their own; Sponsored Research Projects undertaken by Centres of Research; International Research. Projects supported by the School and Institutional collaborate research endeavours.

The School has tradition of organising, from time to time, short-term courses/Seminars/Workshop/ Special Programme/Exhibitions on

particular areas of interest for the academic "trust areas" of the School. They are very popular and well attended by senior/middle level officers as participants sponsored by Government Departments (Centre & State, Town Planning Organization, Development Authorities, Housing Boards. Municipal Bodies, Public Undertakings Private Sector Undertakings and other Institutions.

The graduates of the School are manning senior positions in the various planning and development bodies in the country. A number of our graduates are abroad in Europe, USA, Canada and Australia working in the State Department, Universities or engaged in private practice.

The faculty and the Alumni of the School participate in national and international competitions.

The School has overstretched the limited physical facilities available in the present campus. Shortage of space has been a major constraint in expanding the activities of the School. A site of 20 acres has been acquired south of JNU, which is being developed in the form of a new campus.

The faculty of the SPA actively contribute to policy and plan formulations in the areas of regional and urban development by being appointed as members of expert committees/commissions set up by Central and State Government, Planning Commission and other Authorities

ACADEMIC RESEARCH AND EXTENSION ACTIVITIES

Following courses were conducted by the School during the year 2011-12

| S. No. | Name of the Course | Approved Intake | Duration |
|--------|--|-----------------|------------------------------|
| 1. | Bachelor's Degree Course in Architecture | 105 +15%+1** | 5 years |
| 2. | Bachelor's Degree Course in Planning | 34 +15% +1** | 4 years |
| 3. | Master's Degree Course in Planning with specialization in Urban Planning | 31 | 2 years |
| 4. | Master's Degree Course in Planning with specialization in Regional Planning | 15 | 2 years |
| 5. | Master's Degree Course in Planning with specialization in Environmental Planning | 15 | 2 years |
| 6. | Master's Degree Course in Planning with specialization in Housing | 23 | 2 years |
| 7. | Master's Degree Course in Planning with specialization in Transport Planning | 23 | 2 years |
| 8. | Master's Degree Course in Architecture with specialization in Arch. Conservation | 15 | 2 years |
| 9. | Master's Degree Course in Architecture with specialization in Industrial Design | 23 | 2 years |
| 10. | Master's Degree Course in Architecture with specialization in Urban Design | 15 | 2 years |
| 11. | Master's Degree Course in Landscape Architecture | 23 | 2 years |
| 12. | Master's Degree Course in Building Engineering & Management | 31 | 2 years |
| 13. | Doctoral Programmes | 12x3 | Min. 2 years Max. 5 years |

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

During the year 2011-12 the Enrolment of Students in Undergraduate and Post-Graduate Departments of Studies is as follows:-

| S. No. | Name of Course | Ist Year | IInd Year | IIIrd Year | IVth Year | Vth Year | Total |
|---------------|--|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|--------------|
| I. | UNDERGRADUATE COURSES | | | | | | |
| 1 | Bachelor's Degree Course in Architecture | 120 | 148 | 86 | 105 | 67 | 526 |
| 2 | Bachelor's Degree Course in Planning | 35 | 28 | 26 | 29 | - | 118 |
| II. | POST-GRADUATE COURSES | | | | | | |
| 1 | Master's Degree Course in Planning with specialization in Urban Planning | 32 | 32 | | | | 64 |
| 2 | Master's Degree Course in Planning with specialization in Regional Planning | 14 | 15 | | | | 29 |
| 3 | Master's Degree Course in Planning with specialization in Environmental Planning | 13 | 12 | | | | 25 |
| 4 | Master's Degree Course in Planning with specialization in Housing | 20 | 15 | | | | 35 |
| 5 | Master's Degree Course in Planning with specialization in Transport Planning | 22 | 20 | | | | 42 |
| 6 | Master's Degree Course in Architecture with specialization in Arch. Conservation | 12 | 9 | | | | 21 |
| 7 | Master's Degree Course in Architecture with specialization in Industrial Design | 15 | 11 | | | | 26 |
| 8 | Master's Degree Course in Architecture with specialization in Urban Design | 13 | 19 | | | | 32 |
| 9 | Master's Degree Course in Landscape Architecture | 23 | 21 | | | | 44 |
| 10 | Master's Degree Course in Building Engineering & Management | 30 | 26 | | | | 56 |
| III. | Ph.D PROGRAMME | 6 | | | | 36 | 42 |
| | GRAND TOTAL: | 355 | 356 | 112 | 134 | 103 | 1060 |

Statement showing the number of students enrolled under various reserved categories in Under-Graduate and Post-Graduate Courses during the session 2011-12.

| Courses by level of Education | General | | SC | | ST | | OBC | | NRI PIO | | Kashmiri Migrant | | Physically Challenged | | Foreign Nationals | | Armed Personal | | Sponsored | | Total Enrollment (All Categories) | | |
|---|------------|-----------|-----------|----------|-----------|----------|-----------|-----------|----------|----------|------------------|----------|-----------------------|----------|-------------------|----------|----------------|----------|-----------|----------|-----------------------------------|------------|------------|
| | B | G | B | G | B | G | B | G | B | G | B | G | B | G | B | G | B | G | B | G | Boys | Girls | Total |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Bachelor's of Architecture | 33 | 21 | 13 | 2 | 7 | - | 24 | 3 | 4 | - | 1 | 2 | 1 | 6 | 3 | - | - | - | - | - | 85 | 35 | 120 |
| Bachelor's of Planning | 7 | 9 | 4 | 1 | 2 | 1 | 7 | 2 | 1 | - | - | 1 | - | - | - | - | - | - | - | - | 21 | 14 | 35 |
| Master's Degree Course in Urban Planning | 8 | 8 | 3 | 1 | 2 | - | 7 | 1 | - | - | 1 | 1 | - | - | - | - | - | - | - | - | 21 | 11 | 32 |
| Master's Degree Course in Regional Planning | 2 | 6 | 1 | - | 1 | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 8 | 14 |
| Master's Degree Course in Environmental Planning | 2 | 7 | 1 | - | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 8 | 13 |
| Master's Degree Course in Housing | 10 | 6 | 2 | - | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 13 | 7 | 20 |
| Master's Degree Course in Transport Planning | 11 | 3 | 3 | - | - | - | 4 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 18 | 4 | 22 |
| Master's Degree Course in Architectural Conservation | 1 | 9 | 1 | - | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 10 | 12 |
| Master's Degree Course in Urban Design | 5 | 2 | - | 2 | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 6 | 13 |
| Master's Degree Course in Industrial Design | 5 | 8 | - | - | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 10 | 15 |
| Master's Degree Course in Landscape Architecture | 4 | 9 | 1 | 2 | - | 1 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 18 | 23 |
| Master's Degree Course in Building Engineering and Management | 11 | 6 | 3 | 1 | 2 | - | 5 | 1 | - | - | - | 1 | - | - | - | - | - | - | - | - | 22 | 8 | 30 |
| Ph.D. | 3 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 4 | 2 | 6 |
| TOTAL | 102 | 95 | 32 | 9 | 15 | 3 | 53 | 22 | 0 | 5 | 0 | 2 | 5 | 1 | 6 | 4 | 0 | 0 | 1 | 0 | 214 | 141 | 355 |

Statement showing the number of sponsored and non-sponsored candidates for the session 2011-12 who applied for admission to the Master's Programmes :-

| Sl. No. | Name of the Department | No. of Non-sponsored candidates applied | No. of sponsored candidates applied | Total |
|---------|--|---|-------------------------------------|-------------|
| 1 | Master's Degree Course in Planning with Specialization in Urban Planning | 262 | 4* | 266 |
| 2 | Master's Degree Course in Planning with Specialization in Regional Planning | 69 | - | 69 |
| 3 | Master's Degree Course in Planning with Specialization in Environmental Planning | 116 | - | 116 |
| 4 | Master's Degree Course in Planning with Specialization in Housing | 87 | - | 87 |
| 5 | Master's Degree Course in Planning with Specialization in Transport Planning | 94 | - | 94 |
| 6 | Master's Degree Course in Architecture with Specialization in Arch.Conservation | 51 | - | 51 |
| 7 | Master's Degree Course in Architecture with Specialization in Urban Design | 191 | - | 191 |
| 8 | Master's Degree Course in Architecture with Specialization in Industrial Design | 40 | - | 40 |
| 9 | Master's Degree Course in Landscape Architecture | 88 | - | 88 |
| 10 | Master's Degree Course in Building Engineering and Management | 157 | - | 157 |
| | TOTAL | 1155 | 4 | 1159 |

* Applied in Planning Courses i.e. Urban / Regional Planning.

RESERVATION OF SEATS

UNDERGRADUATE, POST-GRADUATE AND PH.D. PROGRAMMES

| | | | | |
|--|-------|---|---|---|
| Scheduled Castes | (SC) | - | 15% | (intake) |
| Scheduled Tribes | (ST) | - | 7.5% | (intake) |
| Other Backward Class | (OBC) | - | 27% | (intake) |
| Physically Challenged | (PH) | - | 3% | (reservation is in built in all above categories) |
| Armed Personnel (Widows of personnel of Armed/ Para-military Forces killed/ disabled in action during hostilities) | (A.P) | - | 2 seats | 1 each in B.Arch. & B. Planning Programmes only |
| Kashmiri Migrant (in addition to the sanctioned intake). | (KM) | - | 1 seat each for UG courses and 2 seats (one for Planning stream and one for Arch. Stream of PG) | |

**STATEMENT SHOWING THE NUMBER OF BOYS & GIRLS PASSED OUT IN VARIOUS COURSES
DURING 2010-11 (MAY, 2011)**

| Name of the Course | No. of students passed With Dist. | | 1 st Class | | 2 nd Class | | Total | | Total |
|--|-----------------------------------|-----------|-----------------------|-----------|-----------------------|----------|------------|------------|------------|
| | Boys | Girls | Boys | Girls | Boys | Girls | Boys | Girls | |
| | | | | | | | | | |
| Bachelor's Degree Course in Architecture | 1 | 1 | 56 | 14 | 10 | - | 67 | 15 | 82 |
| Bachelor's Degree Course in Planning | 4 | 1 | 4 | 3 | - | 2 | 8 | 6 | 14 |
| Master's Degree Course in Planning with specialization in Urban Planning | 3 | 3 | 7 | 5 | 1 | - | 11 | 8 | 19 |
| Master's Degree Course in Planning with specialization in Regional Planning | - | - | 2 | 3 | 1 | 1 | 3 | 4 | 7 |
| Master's Degree Course in Planning with specialization in Environmental Planning | - | 7 | 2 | 1 | 1 | - | 3 | 8 | 11 |
| Master's Degree Course in Planning with specialization in Housing | - | 1 | 8 | 6 | 1 | - | 9 | 7 | 16 |
| Master's Degree Course in Planning with specialization in Transport Planning | 1 | 2 | 8 | 2 | 1 | 1 | 10 | 5 | 15 |
| Master's Degree Course in Architecture with specialization in Architectural Conservation | 1 | 7 | 2 | 1 | - | - | 3 | 8 | 11 |
| Master's Degree Course in Architecture with specialization in Industrial Design | 1 | 4 | 7 | 5 | - | - | 8 | 9 | 17 |
| Master's Degree Course in Architecture with specialization in Urban Design | 1 | 2 | 5 | 7 | - | - | 6 | 9 | 15 |
| Master's Degree Course in Landscape Architecture | - | - | - | 12 | 1 | 1 | 1 | 13 | 14 |
| Master's Degree Course in Building Engineering and Management | 4 | 10 | 10 | 1 | - | - | 14 | 11 | 25 |
| Ph.D. Programmes | - | - | 1 | 1 | - | - | - | 1 | 1 |
| Grand Total | 16 | 38 | 112 | 61 | 16 | 5 | 143 | 104 | 247 |

CUMULATIVE OUT-TURN

The cumulative out-turn of the students qualified in various courses from the inception of the School till 2011-2012 is as follows:-

| Name of the Course | Cumulative Out-turn | | Total |
|--|---------------------|------------|-------------|
| | 2009-2010 | 2010-2011 | |
| Bachelor's Degree Course in Architecture | 2739 | 82 | 2821 |
| Bachelor's Degree Course in Planning | 319 | 14 | 333 |
| Master's Degree Course in Planning with specialization in Urban Planning | 408 | 19 | 427 |
| Master's Degree Course in Planning with specialization in Regional Planning | 211 | 7 | 218 |
| Master's Degree Course in Planning with specialization in Environmental Planning | 197 | 11 | 208 |
| Master's Degree Course in Planning with specialization in Housing | 429 | 16 | 445 |
| Master's Degree Course in Planning with specialization in Transport Planning | 323 | 15 | 338 |
| Master's Degree Course in Architecture with specialization in Arch. Conservation | 154 | 11 | 165 |
| Master's Degree Course in Architecture with specialization in Industrial Design | 131 | 17 | 148 |
| Master's Degree Course in Architecture with specialization in Urban Design | 332 | 15 | 347 |
| Master's Degree Course in Landscape Architecture | 408 | 14 | 422 |
| Master's Degree Course in Building Engineering & Management | 381 | 25 | 406 |
| Ph.D. Programmes | 30 | 1 | 31 |
| 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 | 6805 | 247 | 7052 |

TWENTY EIGHTH CONVOCATION

The Twenty Eighth Convocation of the School was held on 5th April, 2011. **Shri Kapil Sibal**, Hon'ble Minister of Human Resource Development, Govt. of India and Chairman General Council was invited as the Chief Guest and delivered the convocation address and **Ar. Kuldip Singh** was invited as Guest of Honour on the occasion. **Prof. A.K. Sharma**, Director of the School presided over the function as the Chairman and delivered the speech. **Prof. Kavas Kapadia**, Dean of Studies presented Graduands and Postgraduands for admission and to receive their degrees. The Chairman admitted 135 post-graduands and 61 graduands in person and in absentia in the respective disciplines and they received their degrees from the Chairman. During the function, following Awards / Medals were awarded to the Post-Graduate and Under-Graduate Students:-

Post-Graduate: SPA Gold Medal for the best student of Master of BEM was awarded to **Ms. Chaitali Basu**, for the best student of Master of Landscape Architecture – **Mr. Harsh Mittal**, for the best student of Master of Planning with specialization in Environmental Planning – **Ms. Raina Singh**, for the best student of Master of Planning with specialization in Housing – **Ms. Sapna Sarita Swain**, for the best student of Master of Planning with specialization in Transport Planning – **Ms. Meghna Shrivastava**, for the best student of Master of Planning with specialization in Urban Planning – **Ms. Rima Mondal**, for the best student of Master of Planning with specialization in Regional Planning – **Ms. Neha Kaushik**, for the best student of Architecture with specialization in Urban Design – **Mr. Alokanda Banerjee**, for the best student of Master of Architecture with specialization in Industrial Design – **Mr. Inato Sema, Founder Director Prof. T.J. Manickam Award** for the best Thesis of the Bachelor's Degree in Architecture was awarded to Ms. Ms. Akanksha Raina and Bachelor's Degree in Planning – Ms. Meghna Shrivastava.

Under Graduate: SPA Gold Medal for the best student in Bachelor of Architecture was awarded to Ms. Mansi Maheshwari, for the best student in Bachelor of Planning – Mr. Vaibhav Bagri. **SPA Gold Medal** for the best Thesis in B. Planning was awarded to Mr. Vaibhav Bagri. **General Proficiency Prizes in B.Arch.** – First Prize – Ms. Mansi Maheshwari and Second Prize – Mr. Kushal Lachhwani. **General Proficiency Prizes in B. Planning** – First Prize – Mr. Vaibhav Bagri and Second Prize – Ms. Megha Aggarwal.

FOUNDATION DAY

The Foundation Day of the School was celebrated on 21st October, 2011. Prof. Ram Sharma, Chairman, Executive Council of the School gave introductory remarks. Prof. B. Misra, Eminent Planner presided over the function and Prof. Santosh Auluck, Guest of Honour delivered the address. During the function, following awards / scholarships were given:-

1. **Ved Prakash Memorial Scholarship** 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 of ₹ 1,000/- was awarded to Shri Tarun Kumar for the session 2010-11.

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

The medal was awarded to Shri Varun Bajaj, III B.Arch. for the session 2010-11.

- 3. NOMI BOSE MEMORIAL AWARD** Gold Plated Silver Medal is awarded out of the endowment fund donated by M/s Bose Brothers, Architects to a student who has secured the highest marks in Thesis at the Final B. Arch. Examinations, provided that the marks secured are 70% and above.

The Medal was awarded to Shri Deepak Kumar for the session 2010-11

- 4. PROF. C.M. MASTER MEMORIAL PRIZE** Prof. C.M. Master Memorial Prize is awarded for general proficiency to a candidate who obtains the highest percentage of marks in the Final B. Arch. Examination by obtaining a First Class.

The prize was awarded to Ms. Mansi Maheshwari for the session 2009-10.

The prize was awarded to Ms. Tejeshwi Nemani for the session 2010-11.

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

The award was awarded to Ms. Priyambada Das for the sessions 2009-10 and 2010-11.

- 6. NARENDRA JUNEJA GOLD MEDAL** is given out the endowment made on behalf of late Shri Narendra Juneja, an alumnus of the School is awarded for the best individual performance in Landscape Architecture – IV (Studio) to the final year student of Master's Degree Course in Landscape Architecture.

The award was presented to Ms. Deepali Pandey for the session 2010-11.

- 7. PROF. N.S. SAINI GOLD MEDAL** is given out of endowment fund made in the memory of late Prof. N.S. Saini, is awarded for securing highest marks in thesis, amongst the student of Urban / Regional Planning.

The award was presented to Ms. Anika Kapoor for the session 2009-10.

The award was presented to Ms. Swati Sharma for the session 2010-11.

- 8. PROF. S.K. NARAYANA MEMORIAL ALUMINI GOLD MEDAL** is given out the endowment made in the memory of late Prof. S.K. Narayana, and is awarded for best "Thesis" in Building Engineering and Management.

The award was presented to Mr. Siddharth Singh for the session 2009-10.

The award was presented to Ms. Sharmila Chatterjee for the session 2010-11.

9. **Prof. M.R. Agnihotri Award** has been instituted out of the endowment fund donated by Prof. M.R. Agnihotri and is given in form of books to a final year student of Master's Degree Course in Architecture with specialization in Industrial Design having passed the examination in first class and securing highest marks in design project.

The award was awarded to Mr. Kunal Subhash Kasliwal for the session 2010-11.

Prof. B. Misra, Chief Guest, presented the above awards and Prof. Santosh Auluck, Guest of Honour presented the following prizes to the winners of the Hindi Essay Competition and Hindi Writing Competition-2011

(i) HINDI ESSAY COMPETITION:

- | | |
|--|-----------|
| 1. Mr. Shashikant Sharma, B. Planning Student (first) | ₹.1,000/- |
| 2. Mr. Rishikant Thakre, BEM Student (Second) | ₹. 800/- |
| 3. Mr. Ashutosh Kumar, BEM Student (Third) | ₹. 600/- |
| 4. Mr. Aman Hasan, B. Planning Student (Fourth) | ₹. 400/- |
| 5. Mr. Naman Yadav, BEM Student (Consolation) | ₹. 200/- |
| 6. Km. Surbhi Kumari, BEM Student (Consolation) | ₹. 200/- |
| 7. Mr. Tathabrata Bhattacharya, B. Planning Student (Conso.) | ₹. 200/- |

(ii) HINDI WRITING COMPETITION:

- | | |
|---|----------|
| 1. Mr. Nand Kishor, Peon-cum-Helper (First) | ₹. 400/- |
| 2. Mr. Sushil Lakra, Cleaner (Second) | ₹. 300/- |

APPOINTMENTS :-

1. Extension of Appointment of Prof. A.K. Sharma as Director In-charge w.e.f 5th November, 2011 for three months by the Government of India Ministry of HRD.
2. Appointment of Dr. Sandeep Sancheti as Director In-charge w.e.f 26th March, 2012 for three months by the Government of India Ministry of HRD and also Prof. A.K. Sharma relived from the duties of Director In-charge on 26th March, 2012.
3. Appointment of Prof. (Dr.) Neelima Risbud, Professor of Housing as Dean of Studies w.e.f 1st July, 2011 for two years.
4. Appointment of Prof. (Dr.) V. Thiruvengadam, Professor of BEM as HOD (BEM) from 16th May, 2011 to 17th July, 2011 and Prof. Y.K. Jain as Head of the Department of Building Engineering & Management w.e.f. 18th July, 2011.
5. Appointment of Shri Sewa Ram, Associate Professor of Transport Planning as Head of the Department of Transport Planning w.e.f. 16th May, 2011.
6. Appointment of Prof. (Dr.) Neelima Risbud, Professor of Housing as Head of the Department of Housing w.e.f. 16th May, 2011.
7. Prof. A.K. Sharma, Director & Professor of Transport Planning is looking after the routine duties of Head of the Department of Landscape Architecture w.e.f. 19th July, 2011.
8. Appointment of Prof. Nalini Thakur, Professor of Architectural Conservation as Head of the Department of Architectural Conservation w.e.f. 16th May, 2011.
9. Appointment of Prof. Raman Dev Surie Professor of Physical Planning as Head of the Department of Physical Planning w.e.f. 16th May, 2011.
10. Appointment of Prof. (Dr.) Mahavir, Professor of Physical Planning w.e.f. 16th May, 2011 as Head of the Department of Environmental Planning.
11. Appointment of Prof. Mandeep Singh, Professor of Architecture as Head of the Department of Urban Design w.e.f. 16th May, 2011.
12. Appointment of Prof. Kavas Kapadia, Professor of Planning as Head of the Department of Urban Planning w.e.f. 16th May, 2011.
13. Appointment of Prof. Kavas Kapadia, Professor of Planning as Head of the Department of Regional Planning w.e.f. 16th May, 2011.
14. Appointment of Prof. Sanjay Gupta, Professor of Transport Planning as Head CASS/RS/GIS w.e.f 18th July, 2011.
15. Appointment of Ms. Neetika Sharma, as Senior Librarian in the School on ad-hoc basis for six months w.e.f. 1st June, 2011.

16. Appointment of Dr. A.K. Satsangi as Medical Officer at Maharani Bagh Hostel on Part-Time basis for the period from 25th July, 2011 to 31st May, 2012.
17. Appointment of Dr. (Mrs.) Poonam Rathi as Medical Officer at Girls Hostel I.T.O on Part-Time basis for the period from 25th July, 2011 to 31st May, 2012.
18. Take over the charge for the post of Registrar by Shri O.P. Verma, as Acting Registrar w.e.f 1st February 2012.

RETIREMENTS

- 1 Prof. (Dr.) Kuldip Chander, Professor of BEM retired and relieved on attaining the age of superannuation in the afternoon of 31st July, 2011.
- 2 Prof. Subir K. Saha, Professor of Housing retired and relieved on attaining the age of superannuation in the afternoon of 31st August, 2011.
- 3 Prof. (Dr.) V. Thiruvengadam, Professor of BEM retired and relieved on attaining the age of superannuation in the afternoon of 31st December, 2011.
- 4 Prof. Raman Dev Surie, Professor of Physical Planning retired and relieved on attaining the age of superannuation in the afternoon of 31st December, 2011.
- 5 Prof. Arvind Krishan, Professor of Civil Engineering retired and relieved on attaining the age of superannuation in the afternoon of 31st December, 2011.
- 6 Dr. D.R. Bains, Registrar retired and relieved on attaining the age of superannuation in the afternoon of 31st January, 2012.

List of Faculty Members as on 26th June, 2012

Director

1. Dr. Sandeep Sancheti

Dean of Studies

2. Prof. Dr. Neelima Risbud

Department of Architecture

3. Prof. M.L. Bahri, HOD & Professor of Architecture
4. Prof. I.M. Chisti, Professor of Architecture
5. Prof. Satish Khanna, Professor of Architecture
6. Prof. Neerja Tikku, Professor of Architecture
7. Prof. (Dr.) Aruna R. Grover, Professor of Architecture
8. Prof Anil Diwan, Professor of Architecture
9. Prof. Jaya Kumar, Professor of Architecture
10. Prof. (Dr.) Ranjana Mittal, Professor of Architecture
11. Shri Raja Prakash P. Lecturer in Architecture Sr. Scale
12. Shri S.K. Aaditya, Lecturer in Architecture
13. Shri Prabhjot Singh Sugga, Lecturer in Architecture
14. Ms. Parul Kiri Roy , Lecturer in Architecture
15. Ms. Moulshri Joshi, Lecturer in Architecture
16. Shri Shvojit Sarkar, Lecturer in Architecture
17. Shri S.P. Srivastava, Lecturer in Civil Engineering

Department of Physical Planning

18. Dr. Ma yank Mathur HOD & Associate Professor of Physical Plannin
19. Prof. (Dr.) Ashok Kumar, Professor of Physical Planning
20. Dr. R.Biswas, Associate Professor of Physical Planning
21. Dr. Poonam Prakash, Associate Professor of Physical Planning
22. Ms. Taru Jain, Lecturer in Physical Planning

Department of Industrial Design

23. Prof. Manoj Mathur, HOD and Professor of Architecture
24. Shri Parag Anand Meshram, Assistant Professor of Industrial Design
25. Ms. Kritya Gera, Lecturer in Industrial Design

Department of Building Engineering & Management

26. Prof. Y.K. Jain, HOD & Professor of BEM
27. Prof. Dr. V.K. Paul, Professor of BEM
28. Ms. Renuka Vilas Bhoge. Lecturer in BEM

Department of Urban Design

29. Prof. Mandeep Singh, HOD & Professor of Architecture
30. Prof. Ranjit Mitra, Professor of Urban Design
31. Shri Arunava Dasgupta, Assistant Professor of Urban Design

Department of Architectural Conservation

32. Prof Nalini Thakur, HOD & Professor of Arch. Conservation
33. Prof. Dr. Priyaleen Singh, Professor of Arch. Conservation
34. Ms. Anuradha Chaturvedi, Associate Professor of Arch. Conservation

Department of Urban Planning

35. Prof. Kavas Kapadia, HOD & Professor of Urban Planning
36. Prof. Dr. Sanjukta Bhaduri , Professor of Urban Planning
37. Shri M. Palaniappan, Lecturer in Urban Planning Sr. Scale
38. Ms. Chidambara, Lecturer in Physical Planning

Department of Regional Planning

39. Prof. Kavas Kapadia, HOD & Professor of Urban Planning
40. Prof. Dr. N. Sridharan, Professor of Regional Planning
41. Dr. Vinita Yadav, Assistant Professor of Regional Planning

Department of Environmental Planning

42. Prof. Dr. Mahavir, HOD & Professor of Physical Planning
43. Prof. (Dr.) Shovan K. Saha, Professor of Environmental Planning
(on lien to SPA, Vijayawada)
44. Prof. Dr. Meenakshi Dhote, Professor of Environmental Planning

Department of Housing

45. Prof. Dr. Neelima Risbud, HOD & Professor of Housing
46. Prof. Dr. P.S.N. Rao, Professor of Housing

Department of Transport Planning

47. Shri Sewa Ram, HOD & Associate Professor of Transport Planning
48. Prof. A.K. Sharma, Professor of Transport Planning
49. Prof. Dr. P.K. Sarkar, Professor of Transport Planning

Landscape Architecture

50. Prof. A.K. Sharma, HOD of Landscape Architecture
51. Prof. Dr. Surinder Suneja, Professor of Landscape Arch.
52. Prof. Dr. Rommel Mehta, Professor of Landscape Architecture

CASS

53. Prof. (Dr.) Sanjay Gupta, Professor of Transport Planning Head, CASS/RS/GIS
54. Prof. Dr. Vinay Maitri, Professor of Programming

TEACHING WORK UNDERTAKEN BY THE FACULTY

| Sl. No. | Name of Faculty | Ist Semester | IInd Semester |
|---------|----------------------|---|---|
| 1. | Prof. M.L. Bhari | Building Construction- IIIrd B Design – IVth B | Design – Vth B Building Construction – IIIrd B |
| 2. | Dr. Arvind Krishan | Structure Mech. – IIIrd A Theory of Settlement – IVth A Design – Vth B | _____ |
| 3. | Prof. I.M. Chisti | Theory of Design – IIIrd A Design – IVth A Building Construction – Ist A | Design – Vth B Theory of Design – IIIrd A & B |
| 4. | Prof. Neerja Tiku | Design – IIIrd A Theory of Settlement – IIIrd A & B | Design – IIIrd A Theory of Settlement – IIIrd A & B |
| 5. | Prof. Satish Khanna | Design – Vth A Building Construction – IInd B Theory of Design – IIIrd B | On Leave |
| 6. | Smt. Aruna R. Grover | History of Arch. – IIIrd A & B Design – Vth B | Design Vth A History of Arch. – IIIrd A & B |
| 7. | Shri Anil Dewan | Design – IInd A Building Const. – Vth A & B Building Mgmt. – Vth A & B | Design – IInd A Professional Practices – Vth A |
| 8. | Smt. Jaya Kumar | Design – IInd B Dissertation – IVth A & B Elective – IVth A & B Seminar- Vth A & B | Design- IInd B Computer – Ist B Elective – Section A & B |
| 9. | Dr. Ranjana Mittal | Design – IIIrd Dissertation – IVth A & B Elective – IVth A & B Seminar – Vth A & B History of Arch. – IInd A, B & C | Design – IInd B Elective – Vth A & B History of Arch. – IInd A, B & C |
| 10. | Shri Raja Prakash | Building Mgmt. – Ist A & C Workshop – Ist B Design – Ist C | Design – Ist C Building Construction – Ist C Theory of Design – Ist B Computer – Ist C |
| 11. | Shri S.K. Aaditya | Design – Ist A & B Building Mgmt. – Ist A & C Workshop – Ist A Graphics – Ist A | Design – Ist B Graphics – Ist B Theory of Design – Ist C Computer – Ist A |
| 12. | Shri Shuvojit Sarkar | Design – Ist B Graphics – Ist B Building Mgmt. Ist B | Design – Ist B Graphics – Ist B Building Sc. & Ser. – Ist B & C |

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|-----|----------------------|---|---|
| 13. | Ms. Moulshri Joshi | Design – IIIrd B Theory of Settlement IInd A, B & C Building Construction – IInd A | Design – IIIrd B Theory of Design – IInd A, B & C |
| 14. | Prabhjot Singh Sugga | Design – Ist C Workshop – Ist C Graphics – Ist C Building Construction – IInd A | Design – Ist C Building Construction – IInd B Building Sc. & Ser. - Ist A |
| 15. | Parul Kiri Roy | Design – Ist A Graphics – Ist A & C History of Arch. IInd A, B & C | Design – Ist A Graphics – Ist A & C History of Arch. IInd A, B & C |
| 16. | S.P. Shrivastava | Building Mgmt. Ist A & B Structure Mech. Ist B Structure Mech. Ist B & C | Structure Mech. Ist A, B & C Structure Mech. IInd C |

VISITING FACULTY

| Sl. No. | Name of Teacher | Subject | Class |
|----------------|------------------------|--------------------------|----------------------|
| 1. | Kapil Mathur | Design Graphics Computer | Ist A Ist A Ist A |
| 2. | Asim Waqif | Design Graphics | Ist A Ist A |
| 3. | Madhulika Singh | Design | Ist A |
| 4. | Kuldip Chander | Structure Mech. | Ist A & B |
| 5. | Nidhi Choopra | Computer | Ist A, B, & C |
| 6. | Rajiv Mahajan | Computer | Ist A, B & C |
| 7. | Saleem Mir | Computer | Ist C |
| 8. | S.K. Dhawan | Structure Mech. | Ist A & B IInd A & B |
| 9. | Ashwani Kumar Jha | Mathematics | Ist A, B, & C |
| 10. | Vikrant Sharma | Workshop | Ist A, B, & C |
| 11. | Parvesh Ghai | Building Construction | Ist A & C |
| 12. | Rashmi Tondan | Building Construction | Ist A |
| 13. | Manjushree Golhar | Building Construction | Ist A & B IInd B |
| 14. | Roohan Segal | Graphics | Ist A, B & C |
| 15. | Priyanka K. Malik | Graphics | Ist A |
| 16. | Tapan Bhowmik | Graphics | Ist A IInd A, B & C |
| 17. | Naresh Kumar | Graphics | Ist B IInd A, B & C |
| 18. | Anjali Mital | Graphics | Ist B & C |

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|-----|----------------------|--|--------------------------|
| 19. | Madhav Raman | Design Graphics | Ist B Ist B |
| 20. | Divya Chopra | Design Graphics | Ist B Ist B |
| 21. | Alpana Rohatgi | Design | Ist B |
| 22. | Nirmal Kulkarni | Design Graphics | Ist B Ist B |
| 23. | Naheema Shahnawaz | Building Construction Building Construction | Ist B IIIrd A |
| 24. | Nishit Gupta | Building Construction | Ist B |
| 25. | Gaurav Watts | Building Construction | Ist B & C |
| 26. | V.K. Chopra | Structure Mech. Structure Mech. | Ist B IVth A |
| 27. | Gauri Gandhi | Design Graphics | Ist C Ist C |
| 28. | Amit Prabhakar | Design Graphics | Ist C Ist C |
| 29. | Shovin Bhattacharjee | Graphics | Ist C IIrd A, B & C |
| 30. | Vikas Gandhi | Building Constructions Design | Ist C IIIrd A |
| 31. | Peu B. Das | Building Construction | Ist C |
| 32. | Seema Srivastava | Art Appreciation | IIrd A, B & C |
| 33. | Vandana Shourie | Art Appreciation | IIrd A, B & C |
| 34. | Arpita Dayal | Art Appreciation | IIrd A, B & C |
| 35. | Deepti Gupta | Design Building Management Professional Practice | IIrd A Vth A Vth A |
| 36. | Vikas Madhup Upreti | Design Building Management Professional Practice | IIrd A Vth B Vth A |
| 37. | Pawan Gupta | Design Building Management Professional Practice | IIrd A Vth A Vth B |
| 38. | Binod Kumar Singh | Structure Mech. | IIrd A & B IIIrd A |
| 39. | Mona Chandra | Building Construction Building Sc. & Services | IIrd C IIrd B & C |
| 40. | Vijay Garg | Building Construction | IIrd A & C |
| 41. | T.S. Ravichandran | Building Consturction | IIrd A |
| 42. | K.K. Mitra | Building Construction | IIrd A & C IIIrd A |

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|-----|-----------------------|--|---------------------------|
| 43. | Richa Aggarwal | History of Architecture | IIInd A, B & C |
| 44. | Manjari Sharma | Graphics | IIInd A, B & C |
| 45. | Vikram Mathur | Design | IIInd B |
| 46. | Ajay Vohra | Design | IIInd B |
| 47. | Meena M. Kakkar | Design | IIInd B |
| 48. | Vikas Jain | Building Sc. & Services Building Construction | IIInd A, B & C IIInd C |
| 49. | Sanjay Mehra | Building Construction | IIInd B IIIrd A & B |
| 50. | Mohammad A. Pasha | Building Construction | IIInd B |
| 51. | Mohit Kumar | Building Construction Building Sc. & Services | IIInd B IIInd A |
| 52. | Mitra Mitra | Design Building Construction | IIInd C IIInd C |
| 53. | Vina Biswas | Design | IIInd C |
| 54. | Shwetal B. Kadam | Design | IIInd C |
| 55. | Nikhil Segal | Design | IIInd C |
| 56. | J.C. Wason | Structure Mech. | IIInd C IVth A & B |
| 57. | Sachin Rastogi | Design | IIIrd A |
| 58. | Rupa Kujur | Design | IIIrd A |
| 59. | Amit Khanna | Design | IIIrd A |
| 60. | Priyamwada Chadha | Design | IIIrd A |
| 61. | Vikas Gandhi | Design | IIIrd A |
| 62. | S.C. Chopra | Structure Mech. | IIIrd A & B |
| 63. | Rahul K. Patel | Structure Mech. | IIIrd A IVth B |
| 64. | Ravindra Swaroop | Structure Mech. Building Management | IIIrd A & B IIIrd A |
| 65. | Gunjan Jain | Building Sc. & Services | IIIrd A & B |
| 66. | Richard Andre Barraud | Building Construction | IIIrd A & B |
| 67. | Shruti Maheshwari | Building Management | IIIrd A & B |
| 68. | Sandip Kumar | Design | IIIrd B |
| 69. | Ashwani K. Dutta | Design | IIIrd B |

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| 70. | Dependra Prasad | DesignBuilding Sc. & Services | IIIrd B IVth A |
| 71. | Dheeraj K. Khanna | Building Construction | IIIrd B |
| 72. | Vipul Ahuja | Structure Mech. | IIIrd B |
| 73. | Rajeev Aggarwal | DesignThesis | IVth A Vth A |
| 74. | Snehanshu Mukherjee | Design | IVth A |
| 75. | Ravish Mehra | Building Construction | IVth A |
| 76. | P.C. Jethi | Building Construction | IVth A |
| 77. | Vikram Kumar | Building Management | IVth A & B |
| 78. | Vinod Gupta | DesignThesis | IVth B Vth B |
| 79. | Parhoasarathi Majumder | Building Construction | IVth B |
| 80. | Ashutosh Joshi | Building Construction | IVth B |
| 81. | Arun Rewal | DesignThesis | Vth B Vth B |
| 82. | Santosh Auluck | Thesis | Vth A |
| 83. | Shirish Malpani | DesignThesis | Vth B Vth A |
| 84. | Raka Chkravarthy | Thesis | Vth B |
| 85. | Shweta Manchanda | Thesis | Vth B |
| 86. | Leon A. Morenas | Theory of Design | Ist A |
| 87. | P.C. Jain | Building Sc. & Services (AC) | IIIrd A & B |
| 88. | G.P. Khungar | Building Sc. & Services (Lift) | IIIrd A & B |
| 89. | P.R. Mehta | Professional Practice | Vth B |
| 90. | Sambhudda Sen | Design Thesis Building Construction | Vth B Vth A IIInd A |
| 91. | Satish Dabral | Design Thesis Professional Practice | Vth B Vth A Vth B |
| 92. | Meena Mani | Design Thesis Building Construction | Vth A Vth B IVth B |

Publications by the Faculty

| Sl. No. | Name | Publication |
|---------|---------------------|---|
| 1. | Parul K.Roy | Paper (The Ritualistic and the Habitual: Space of Santiniketan) abstract approved for International Conference- "Ethics and Aesthetics of Architecture and the Environment" at Newcastle upon Tyne, UK, in July 2012. |
| 2. | Ranjana Mittal | a. "The New Sacred is Secular", SPANDREL, Journal of School of Planning and Architecture, Issue 3, Monsoon 2011, pg 78-83. b. "Temple to the Sun", SPACED OUT 2011, School of Planning and Architecture, New Delhi, February 2012, pg 44 – 47. |
| 3. | Aruna Ramani Grover | ➤ Using Rainwater as a Sustainable Resource in the context of Indian Cities , SPACE Journal, School of Planning and Architecture, New Delhi, Jan.-June 2012. ➤ Cyclic Water Use – Toward Sustainable Cities of the Future , International Conference of Academic Disciplines, American University of Rome, Rome, 31 st October – 3 rd November 2011 ➤ Contribution of the Firuzian Era to development of Indo-Islamic Building Typologies , Articulating the Outstanding Universal Value of Delhi's Ancient and Sultanate Period, INTACH, India International Centre, New Delhi, 10 th November 2011. |

PARTICIPATION IN SEMINARS/ WORKSHOPS/SHORT TERM COURSES ETC.

Attended by the faculty (01.04.2011 – 31.03.2012)

| Sl.No. | Name | Subject |
|--------|------------|---|
| 1 | M.L.Bahri | <p>Participated in two day National Conference on Green Designs organized by ADaRSH, Association for Development and Research Sustainable Habitats at New Delhi on 1st and 2nd March, 2012</p> <p>Participated in Workshop on 'Human Settlements' Responses to Climate Change organized by Department of Environmental Planning of SPA on 22nd March, 2012</p> <p>Participated in National Workshop on "Alternatives to Master Plan Approach" organized by Department of Urban Planning on 16.3.2012</p> <p>Participated in a half-day Workshop on "The Future of Architectural Education – A Road Map" organized by a Seven-Member Committee as constituted by the MHRD under the Chairmanship of Prof.E.F.N.Ribeiro, held on 21st April, 2012 at SPA</p> <p>Participated in deliberations on the Current Issues related to Architecture Education in the light of Architects Act, 1972 & COA (Minimum Standards of Architectural Education) Regulations 1983 and recent notifications/circulars by the COA organised by Jamia Millia Islamia, New Delhi on 23rd April, 2012 and attended by Directors, Deans, Heads and Senior Faculty Members of the Government Institutions imparting Architecture Education</p> |
| 2 | I.M.Chisti | <p>Presentation on 'Urban Challenges of Delhi' at Centre de Invistigacio Solar (CISOL) Universitat Politiecnica de Catalunya (UPC),Barcelona, Spain, March 26, 2011</p> <p>Presentation titled 'Revisiting Bottlenecks' at Indra@100 Festival of Urbanity April 7 to 14, 2011, India Habitat Centre on April 12, 2011</p> |

- Key note speaker at a round table titled 'Design Lok Pal' ; Management of Design based creative industries in India at Design X Design, Alliance Francaise de Delhi, July 28, 2011
- Served on the Excellence in Architecture Thesis 'Zonal Jury, NIASA/ Zone-2, Nagpur, September 10, 2011
- Participated in Panel Discussion on the subject : Has the mushrooming of Architecture Colleges affected the quality of teaching' at IDEAS, Nagpur Centre of the Indian Institute of Architects, September 9, 2011
- Participated in Panel discussion on 'Teachers versus students : multiple visions of design educations' as a part of 'Designing better Designers' Conference at British Council, New Delhi, February 25, 2012.
- 3 Neerja Tiku Participated in "5th Annual Poverty Reduction and Social Protection" Conference" held at Bangkok, Thailand from 8th March, 2012 to 10th March, 2012.
- 4 Dr. (Prof.) Aruna Ramani Grover **Articulating the Outstanding Universal Value of Delhi's Mughal Period**, for Nomination to UNESCO's List of World Heritage Cities, INTACH, 8th October 2011 New Delhi.
- Articulating the Outstanding Universal Value of Delhi's Colonial Period**, for Nomination to UNESCO's List of World Heritage Cities, INTACH, 14th November 2011 New Delhi.
- 5 Satish Khanna Internal Advisor to Smt. Vandana Sehgal, Ph.D. Scholar registered with Department of Architecture on her thesis entitled 'Abstract ideas in Architecture : The Idea of Infinite in 20th Century Architecture".
- Internal Advisor to Smt. Preeti Vajpeyi, Ph.D. Scholar registered with Department of Architecture on her thesis entitled 'School Environments as multiple sensory learning aid for Children with Special Needs'
- Participated in Workshop on 'Human Settlements' Responses to Climate Change organized by

Department of Environmental Planning of SPA on 22nd March, 2012.

Participated in National Workshop on 'Alternatives to Master Plan Approach' organized by Department of Urban Planning on 16th March, 2012.

6 Ranjana Mital

International Symposium: ***“Transcending Architecture: Aesthetics and Ethics of the Numinous”*** October 6-8, 2011 at School of Architecture and Planning, Crough Center of Architectural Studies, The Catholic University of America, Washington DC.

Participated in international conference, **‘Re-imagining Inclusive Urbanisation: People Building Better Cities’**, at MANIT, Bhopal from January 7-9, 2012.

Participated in workshop on **Human Settlements’ Response to Climate Change**, Department of Environment, School of Planning and Architecture, New Delhi. 22 March 2012.

7 Parul Kiri Roy

International Conference on Islamic Art and Architecture, Jamia Milla Islamia, New Delhi, April 2012.

361 Degrees Conference 2012: New Spirit in Architecture, Mumbai, March 2012.

“Architecture and Our Cities — Contemporary Challenges”, Organised by USAP, GGSIPU, New Delhi, March 2012.

8 Shuvojit Sarkar

Seminar “Constructing Change: Accelerating Energy Efficiency in the Buildings Sector” on March 6 in New Delhi. Venue Name: Hotel Royal Plaza.

“Creating Together a Better World towards Human Security and Sustainability” from July 24, 2011 to July 29, 2011. Organised by Japan Foundation for their JENESYS (Japan-East Asia Network of Exchange of Students and Youths) at Bangkok, Thailand.

Participated in workshop.

MEMBERSHIP OF PROFESSIONAL BODIES/BOARDS/COMMITTEES, ETC.

| Sl. No. | Name | Membership |
|---------|---------------------|--|
| 1. | Neerja Tiku | <ul style="list-style-type: none">• Fellow of The Institute of Town Planners – India (FITPI)• Fellow of The Indian Institute of Architects (FIIA) |
| 2. | Satish Kumar Khanna | <ul style="list-style-type: none">• Fellow of the Indian Institute of Architects• Member, D.U.A.C.• Chairman, Committee on Development of JNU, SPA• Member, Committee preparing guidelines for Awards, Medals etc. in SPA• Member, National Accreditation Board |
| 3. | Arvind Krishan | <ul style="list-style-type: none">• Fellow of The Indian Institute of Architects (FIIA)- Associate PLEA (Passive Low Energy Architecture) International |
| 4. | I. M. Chisti | <ul style="list-style-type: none">• Indian Institute of Architects, India• Indian Institute of Interior Designers, India |
| 5. | M. L. Bahri | <ul style="list-style-type: none">• Member, COA• Fellow, IIA• Member on Committee constituted by the Director, SPA to consider revision in the existing format on Re-designing and Printing of the Degree Certificates• Member on the Building Committee of the SPA• Member on Committee to look after the revised MOA/Rules as per UGC Regulations, 2010• Member on Committee to consider and suggest changes in the prospectus and application forms for the session 2012-2013• Interactions with French Embassy for collaboration in the context of Delhi Architecture Week organized between 24-30 September, 2011• Member on the Committee to review the current system of collecting student's feedback, the design of feedback form, use of the output for |

- faculty and departments.
6. Manoj Mathur
 - Indian Hospital Association, New Delhi
 - Indian Institute of Architects, India
 - Indian Institute of Interior Designers, India
 7. Aruna Ramani Grover
 - Expert Member (Architecture and Planning) in Selection Committees for International Scholarships – UGC
 - Expert Member (Architecture and Planning) for Selection Committees set up by the UPSC, New Delhi.
 - Resource person for Government of India for Primary Schools.
 - Expert Member, Bureau of Indian Standards, New Delhi.
 - Expert Member, Architectural Education, Council of Architecture, New Delhi.
 8. Anil Dewan
 - Elected Distinguished Fellow Institute of Hospital Engineers (India)
 - Fellow of Indian Institute of Architects
 - Members Ex-joint Secretary-Indian Hospital Association
 9. Jaya Kumar
 - Indian Institute of Architects, India
 - Council of Architecture
 10. Y. K. Jain
 - Institution of Engineers (India), Calcutta.
 - American Concrete Institute (USA)
 11. Ranjana Mital
 - Life Member; Conservation Society Delhi.
 - Foundation Member; SPA Alumni
 - Council of Architecture (CA/81/06196)
 12. Rajaprakash P.
 - Member in IVVRF (Institute of Vedic Vastu & Research Foundation)
 13. S.P. Srivastava
 - Life Member, Institution of Engineers (India), Calcutta
 14. Parul Kiri Roy
 - Member, COA
 - Membership of ACSA : Association of Collegiate Schools of Architecture

- | | | |
|-----|----------------------|--|
| 15. | Shuvojit Sarkar | <ul style="list-style-type: none"> • Member, COA • Member, IIA • Member, IIID • Member, ITPI • Member, INTACH • Associate Member, INTBAU • Member, Stones Sectional Committee, Bureau of Indian Standards |
| 16 | Prabhjot Singh Sugga | <ul style="list-style-type: none"> • Member, COA |
| 17. | Moulshree Joshi | <ul style="list-style-type: none"> • Member, TICCIH • Member, mAAN • Member, COA |

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY

Institutional

| Sl. No. | Name | Project |
|----------------|---------------------|---|
| 1. | M.L. Bahri | <ul style="list-style-type: none"> • Master Planning Work, ONGC, Baroda • Master Planning Work, ONGC, Dehradun • Renovation of Academy, ONGC, Dehradun |
| 2. | Aruna Ramani Grover | <ul style="list-style-type: none"> • Model 100 bed ESIC Hospital at Baddi, HP (along with Prof. Satish Khanna) • Restructuring and Interior Layout for existing building of National University for Educational Planning and Administration, • New Delhi (along with Prof. Satish Khanna). |
| 3. | Satish Khanna | <ul style="list-style-type: none"> • ESIC 100 Bed Hospital at Baddi, HP for ESIC • AURC Project, Delhi Cantt. |

TOPICS OF THESIS/DISSERTATION/SEMINAR UNDERTAKEN BY STUDENTS

AWARD SHEET FOR ARCHITECTURAL THESIS FINAL B. ARCH (SECTION A)

| S.NO. | R.NO | NAME | THESIS TOPIC |
|--------------|-------------|----------------|---|
| 1 | 1850 | Akshay Malik | Ravindra Bhawan, Mandi House: Redevelopment of an Art Precint |
| 2 | 1934 | Akshya Singhvi | Celebrating Delhi: Museum of Cities of Delhi, Aerocity, Delhi |

| | | | |
|----|------|------------------------|--|
| 3 | 1948 | Ankur Roy | Footwear Design and Development Institute, Jodhpur, Rajasthan |
| 4 | 1953 | Anshu Chaurasia | Convention and Cultural Centre, Minto Hall, Heritage Campus, Bhopal |
| 5 | 1999 | Anupama Saha | People, Power and Bureacracy: National Secretariat Complex, Dhaka, Bangladesh |
| 6 | 1950 | Arpita Ghatak | Drama School, Alfred Park, Allahabad, Uttar Pradesh |
| 7 | 1892 | Asim Bikash | Mandal Artisans Village Redevelopment, Kumartuli, Kolkata |
| 8 | 1958 | Digvijay Singh Rathore | Katputli Nagar Slum Redevelopment, Jaipur, Rajasthan |
| 9 | 2002 | Ekta Wali | Global Cultural Center, Vishwavidhyala Metro Station, Delhi |
| 10 | 2001 | Ipsita Mondal | Redevelopment of CP extention: Outer Circle, Minto Road and DDU Marg, New Delhi |
| 11 | 1865 | Jettin Tom Augustine | Biomimetic Approach to Kannur Airport, Kannur, Kerala |
| 12 | 1930 | Karan Prasad | The Ski Centre, Gulmarg, Jammu and Kashmir |
| 13 | 1922 | Manasa Gayatri Madduri | Rehabilitation of Katputli Colony, Patel Nagar, New Delhi |
| 14 | 1942 | Nakul Jain | Sub-City Centre, Chandigarh: A public place based on the principles of The Modular |
| 15 | 1790 | Naveen Jose | Centre for Intangible Cultural Heritage, Kannur, Kerala |
| 16 | 1946 | Nishant | Slum Upgradation, Anna Nagar, Bhopal |
| 17 | 1995 | Rattandeep Ahuja | Indian High Commission, Shaaban Robert Street, Ilala, Dar-es-Salaam, Tanzania |
| 18 | 1963 | Ridhima Mehrotra | Integrated Civil Air Terminal, Chandigarh |
| 19 | 1952 | Shinjita Roy (w) | Mallick Ghat Flower Market: A river front Rejuvenation, Kolkata, West Bengal |
| 20 | 1956 | Sneha Jaiswal | Sports cum Recreational Complex, JSPL township, Angul, Odisha |
| 21 | 1954 | Sneha K. (w) | Forest Rangers College and Research Institute, Dulapally, Hyderabad, |
| 22 | 1940 | Sugandha (w) | Centre for the Intellectually Disabled, Pashchim Vihar, New Delhi |

| | | | |
|----|------|------------------------|---|
| 23 | 1923 | Suhasini R. (w) | Centre for Islamic Studies at the Grand Mosque Precinct, Muscat, Oman |
| 24 | 1932 | Suman Saurav | Pataliputra Museum, Patna, Bihar |
| 25 | 1936 | Suri Krishna Siddharth | Urban Re-development of RTC Cross Roads, Hyderabad, Andhra Pradesh |
| 26 | 1977 | Susmita Jain (w) | School of Planning and Architecture, Vijaywada, Andhra Pradesh |
| 27 | 1959 | Swati Sharma (w) | Design Business Centre, Lado Serai, Delhi |
| 28 | 1967 | Tarun Kumar | Gulzarbagh Railway Station, Patna, Bihar |

FINAL B. ARCH (SECTION B)

| S.No. | R.NO | NAME | THESIS TOPIC |
|--------------|-------------|-----------------|--|
| 1 | 1968 | Aastha Singh | Re-design of Chanakya Complex, Chanakyapuri, New Delhi |
| 2 | 1846 | A.S.N.Sashank | International Convention Centre, Navi Mumbai, Maharashtra |
| 3 | 1933 | Abhinav Gupta | Entertainment Centre, River Chapora, Morjim, Goa |
| 4 | 1970 | Abhiram Sharma | National Museum of Architecture, Princes Park, New Delhi |
| 5 | 1935 | Abhishek Behera | Grief Needs Space, Lodi Necropolis, New Delhi |
| 6 | 1980 | Abhishek Singh | Redevelopment and Expansion of National School of Drama, Mandi House, New Delhi |
| 7 | 1849 | Aditya Wallabh | Interpreting a Traditional Dwelling in a High rise setting: Workforce Village, Cuttack |
| 8 | 1852 | Amit Singh | Institute for the Visually Challenged at MANIT Campus, Bhopal |
| 9 | 1775 | Anil Kumar K | Alternate entrance to Kanaka Durga Temple Complex, Vijayawada, Andhra Pradesh |
| 10 | 1856 | Anuj Rathi | Corporate Social Hub, NOIDA, Uttar Pradesh |
| 11 | 1911 | Arun Cherian | Gangtok Regional Cultural Centre, Sikkim |
| 12 | 1996 | Chimi | Bhutan's Center for Gross National Happiness, Bumthang, Bhutan |
| 13 | 1943 | Ekta (w) | Swayam: Ashram for the Elderly and Orphans, Haridwar, Uttar Praesh |
| 14 | 1992 | Hardik Panchal | Resort at Dadra and Nagar Haveli |

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| 15 | 1962 | Hemant Chhabra | National Institute of Design, Delhi |
| 16 | 1978 | Kanika Ahirwar | Cultural Centre, Dwaraka, New Delhi |
| 17 | 1997 | Jamyang | Institute of Thirteen Arts, Thimpu, Bhutan |
| 18 | 1973 | K Rajkumar Singh | Integrated Check Post, Moreh, Manipur |
| 19 | 1818 | Kunal Gaidhankar | Experience Music Center, Khyber Pass District Center, Delhi |
| 20 | 1931 | Mohit Srivastava | Chandpole Chowk Redevelopment at Jaipur |
| 21 | 1895 | Nishant Kumar | Aerocity bus station, Delhi |
| 22 | 1905 | Peyom Jini | Secretariat Complex, Itanagar, Arunachal Pradesh |
| 23 | 1955 | Prayash Giria | Jain Mandir, Kamla Nagar, Delhi |
| 24 | 1990 | R. Ramya (w) | National Institute of Indian Classical Dance, New Delhi |
| 25 | 1969 | Saumitra Sinha | Transport Hub, A Public Space, Sarai Kale Khan, Delhi |
| 26 | 1949 | Shilpa Dahake | Revitalization of Godavari Ghats , Nashik, Maharashtra |
| 27 | 1941 | Shoma Mathew | Supreme Court Extension Campus , New Delhi |
| 28 | 1979 | Sonam (w) | National Institute of Fashion Technology, Mithapur, Patna, Bihar |
| 29 | 1971 | Surjmani Laishram | Aerospace Museum, Sufdurjung Airport, New Delhi |
| 30 | 1937 | Swagata Paul | Centre for Art and Culture, Delhi University, North Campus, Delhi |
| 31 | 1998 | Sonam Tobgay | Pemagatshel Dzong, Bhutan |
| 32 | 1929 | Vidhya Gopal (w) | Indian Classical Music Institute, Jawaharlal Nehru University, Vasant Kunj, Delhi |
| 33 | 1947 | Vinutha Ginjupalli | Casa De La India, Barcelona, Spain |
| 34 | 1945 | Arun Varghese | Hospice and Retreat Centre, Ooty, Tamil Nadu |

DISSERTATION TOPIC (IVTH YEAR)

LIST OF APPEARED STUDENT IN THE DISSERTATION FOR SESSION 2011-12

| S. No. | Name | Topic |
|---------------|-----------------|---|
| 1 | Shashank Gautam | Preserving Delhi's Architectural Identity |
| 2 | Swati Goel | Monuments of Present Day Architecture |

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| 3 | Nishant Gautam | Tourism and Social Development Plan for Firozabad City |
| 4 | Garima Mendiratta | Effect of Architecture on its Environment (Context) |
| 5 | Priyanshi Shukla | Functionalism: Evolution as a Theory, Relevance in Modern World |
| 6 | Shila Cangy Abdula | The Role of Architecture in Squatter Settlements |
| 7 | Ugyen | Earthquake and Design |
| 8 | Bawesh Pradhan | Architecture & Politics |
| 9 | Joyjeet Kanungo | New Urbanism And the Modern Indian City |
| 10 | Mahboubeh Touri | Relation Between Built Enviroment and Depression |
| 11 | Tripti Mahaseth | Post-War Reconstruction |
| 12 | Tanuj Biyani | How Old is Old |
| 13 | Utkarsh Prakash | Recucle/ Reuse/ Rebuild, What Shall We Do With Old Residential Buildings |
| 14 | Amri Chadha | Tracing the Evolution of Monumentality |
| 15 | Akhil Kumar | Sensory Experience of Architecture |
| 16 | Tshering Denka | Role of Open Spaces in Thimphu City |
| 17 | Nitesh Kumar | Architecture and Human Behaviour |
| 18 | Tshering Dendup | Moderm Image of Bhutan |
| 19 | Prachita Singh Malik | Fashion and Architecture |
| 20 | K. Aditya Prudhvi Madhav | Design for Dead |
| 21 | Ojaswini Singh | Kinetic Architecture |
| 22 | Mebanshanbor Marbaniang | Music and Architecture: Is Symmetry & Precursor to Good Design |
| 23 | Anuj Khandelwal | Significance of Nature in Architecture Form and Structure |
| 24 | Ankur Yadav | Artificial Lighting Design for Retail Spaces |
| 25 | Harsiddh Sonara | Iconic Architecture |
| 26 | Ishwarchandra Vidyasagar | Alternative Building Materials for Tommorrow |
| 27 | Swati Rastogi | Sustainable Landscaping Configurations |
| 28 | Wate Zhiemi | Soundless, Not Dumb (Expnressionism In Architecture) |

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| 29 | Tongpangnungshi C. Jamir | Role of Metaphor in Architecture |
| 30 | N. Navaneethakrishnan | Is it Possible to Rate An Architecture Design; and if So, What Would be the Processes Involved |
| 31 | Changam Wangsa | How Does Landscape Shape a City |
| 32 | Divya Bansal | Trends in Urban Loastal Land Reliaimation |
| 33 | Artika Aggarwal | Recycled Architecture |
| 34 | Amit Chander | City and Media (To Be Finalised) |
| 35 | Aman Jain | Videogame Architecture |
| 36 | Beeravelli Chetan | Water Architecture |
| 37 | Manik Gupta | Walking the Sustainable Talk |
| 38 | Vani Sood | Multiculturalism and Architecture |
| 39 | Rohit Pratik | In Terms of Longevity & Relating with People can Modern Forms Match up with their Traditional Canonical Counterparts? |
| 40 | Vejendra Ratna Kiran | What are the Possibilities and Practicality of Inland Water Transport in Urban Context |
| 41 | Joydeep Mondal | Occanasuim Planning and Design |
| 42 | Shruti Jalodia | Exploring the Experience |
| 43 | Shobita Jacob | Sustainability Through Fractal Architecture |
| 44 | Saudamini Chattopadhyay | Finding a Common Ground Between Growth and Sustainability |
| 45 | Alok Kumar | What are the factors which Contribute to the Visual Aspect of the Riverfront and their Effect on The Image of The City and also the Factor Which Affects The Riverfront Devepment Like Nature of the River (Derential or Non Perennial) and Sustainability |
| 46 | Zothankimi | Architecture in the Hills |
| 47 | Nongan Perme | Bamboo Architecture |
| 48 | Virkein Dhar | Experience of Space, Based on The Efficiency of Movement In The Indian Context |
| 49 | Varun Bajaj | The Transport-Transit Conjecture |
| 50 | Debakshi Mitra | Housing the EWS |
| 51 | Priyesh Dubey | Use of Daylighting in Different Climatic Zones |

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| 52 | Tshering Penjor | Urban Bhutan |
| 53 | Dyutishree Halder | Nature-Inspired Forms in Designing A Space |
| 54 | Debasish Biswas | Graphics and its Impact on Interior Spaces |
| 55 | Balaram Munda | Traditional Art and Architecture in Jharkhand |
| 56 | Animesh Behera | Adding Towards Zero |
| 57 | Varun Kumar Deorha | The Unseen Face of the Forms |
| 58 | Snigdha | Colours and Light in Architecture |
| 59 | Varun Seth | Sustainable Architecture to Geate Healing Environments |
| 60 | Sumati Mattoo | Architecture without a Place - Virtual Architecture |
| 61 | Zoya Ajaz | Aqua - Polis |
| 62 | Rohan Patankar | Perception of Context: Its Evolution in Place and Time |
| 63 | Ranvir Kumar Singh | Yamuna and Delhi |
| 64 | Soumya Sharma | Parameters of a Successful Open Public Space in an Indian Context |
| 65 | Dhruv Gupta | Image of a City for Pedestrians |
| 66 | Bomching Maio | "Modern Bamboo Constructions" |
| 67 | Bhavika Aggarwal | On the Relationship Between the City, the People and Informal Temporary markets. |
| 68 | E. Kautilya | Intelligent Enviroments |
| 69 | Deepak Sharma | Climatic Effect on Architectural Design |
| 70 | Aishwarya Bharatkumar | Morphing Architecture |
| 71 | Anuj Mittal | Fictional Architecture v/s Real Architecture |
| 72 | Nikit Deshlahra | Digital Architecture and Ways of Nature |
| 73 | Kabilan S. | Impact of Photography on Modern Architecture |
| 74 | Ammani Nair | A Reflection of Today's Socio-Economic Culture on Architecture |
| 75 | Kaushik Naarayan. B. | Digital Parametrics and its Poetics |
| 76 | Amit Chander P. | Drawing Depth |
| 77 | Ankit Sampatram | Intersecting Lines Between Public art and Architecture: can Architecture fall in the resolves of public art in the mordern times? |

**LIST OF APPEARED STUDENT IN THE DISSERTATION
(SUPPLEMENTARY JULY 2011)**

| S. No. | Name | Topic |
|---------------|---------------------------|---|
| 1 | Naveen Jose | Metaphors and its significance in architecture creativity |
| 2 | Karan Prasad | Urban vertical farming applicability in New Delhi |
| 3 | Aditya Wallabh | Did deconstructivism qualify to be called an architecture style? |
| 4 | Abhiram Sharma | Politics of the Pritzker |
| 5 | Vinutha Ginjupalli | |
| 6 | Abhishek Behera | Iconic buildings |
| 7 | Surjmani Laishram | Music & architecture |
| 8 | Vidhya Gopal | Music & architecture |
| 9 | Suman Saurav | Mathematics and architecture |
| 10 | Kunal Tuljaram Gaidhankar | Interpreting design form through sketches |
| 11 | Hardip Panchal | Earth architecture |
| 12 | Swagata Paul | Reform of green architecture |
| 13 | Hemant Chhabra | Architecture at virtual environment |
| 14 | Arun Cherian | |
| 15 | Rattandeep Ahuja | Successful plaza design |
| 16 | Sugandha | Open space for children |
| 17 | Aastha Singh | Architecture photography |
| 18 | Degvija Singh Rathore | Bent mind |
| 19 | Nishant | Origin of vastushastra & its application in today's context |
| 20 | Arpita Ghatak | Growing into our space |
| 21 | Swati Sharma | Is pursuing an architecture style the most creative way to design ? |
| 22 | Saumitra Sinha | Power equations in the urban fabric |
| 23 | Anshu Chaurasia | Side-effects to Architecture |
| 24 | Sneha Jaiswal | How can architecture enhance social interaction in an industrial township |
| 25 | Sneha K. | Space for happiness |

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| 26 | Sonam | Shell structure |
| 27 | Ankur Roy | Structural system as in dlement of asthetics in architectures |
| 28 | Prayash Giria | Between the built : what is the relationship between our cultural traditions and its built environments ? |
| 29 | Sonam Tobgay | Kinetic architecture |
| 30 | Ekta Wali | Informal architecture uses thereof spaces that connect-accidentally |
| 31 | Abhishek Singh | Acoustics in architecture: hearing spaces |
| 32 | Akshya Singhvi | Role of architcture education in design process of an Architect |
| 33 | Shoma Mathew | Shortcomings of the architect |
| 34 | Anupama Saha | Geometry : the system of propotion |
| 35 | Kshetrimayum Rajaumar Singh | Architecture in cartoon & animation movies |
| 36 | Ipsita Mondal | A rendevous with spaces |
| 37 | Abhinav Gupta | Design in modules |
| 38 | Asim Bikash Mandal | Art in urban renewal |
| 39 | Shinjita Roy | Qualities in architecture that triggers dance movement form a performers point of view |
| 40 | Chimi | Social and culteral influences on buddhist architecture |
| 41 | Jamyang | Himalay an architecture |
| 42 | Nakul Jain | Sacred Geometry |
| 43 | Shilp Dahare | Astronomy and archtitecture |
| 44 | Tarun Kumar | Photovoltaics: The future of architecture and design in India |
| 45 | Krishna Sidharth | Building sustens & buildings |
| 46 | Ridhima Mehrotra | Earth sustainability urban context |
| 47 | Amit Singh | Are traditional Indian buildings green? |
| 48 | Anil Kumar K. | Technology - green buildings |
| 49 | Akshay Malik | Mixed use in Indian urban future |
| 50 | Peyom Jini | Sustainable roof design for low rise buildings in India |

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| 51 | Jettin Tom Augustine | Blomimicry |
| 52 | Ranvir Kumar Singh | |
| 53 | Varun Deorha | Architecture without architect |
| 54 | Prachita Singh Malik | Dialogue between fashion and architecture |
| 55 | Tongpangnungshi C. Jamir | Fashion and architecture |
| 56 | Balaram Munda | Traditional art and architecture in Jharkhand |
| 57 | Ekautilya | Technology architecture |
| 58 | Shashank Goyal | Design automation |
| 59 | Virkein Dhar | To find the 'Grey' in modernist 'Black' and 'White' |
| 60 | Soumya Sharma | |
| 61 | Ojaswini Singh | Metaphorical architecture |
| 62 | Ekta | Landscape and sustainability |
| 63 | Susmita Jain | Bioclimatic high-rise |
| 64 | A.S.N Sashank | How will the upcoming digital technologies effect the design & development of future cities |
| 65 | Suhasini. R | Architecture and human behavior |
| 66 | R. Ramya | Cinema & architecture |
| 67 | Kanika Ahirwar | Virtual reality in architecture : farsight or foresight ? |
| 68 | Nishant kumar | What constitutes women-friendly environment Design in India today |
| 69 | Anuj Rathi | What more than green |
| 70 | Manasa Gayatri Madduri | Design Sans designers - architecture of the poor |
| 71 | Mohit Srivastava | Streets |

ELECTIVE

| S. No. | Name | Topic |
|---------------|---------------------|-------------------------------|
| 1. | Prayash Giria | Sacred Space or Secular Place |
| 2. | Abhishek Behera | Sacred Space or Secular Place |
| 3. | Kunal T. Gaidhankar | Sacred Space or Secular Place |
| 4. | Anshu Chaurasia (W) | Sacred Space or Secular Place |
| 5. | Anil Kumar K. | Sacred Space or Secular Place |
| 6. | Mohit K. Srivastava | Sacred Space or Secular Place |

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| 7. | Arun Varghese P. | Sacred Space or Secular Place |
| 8. | Anupama Saha (W) | Green Hospital: A Sustainable Approach |
| 9. | Karan Prasad | Green Hospital: A Sustainable Approach |
| 10. | Swati Sharma (W) | Green Hospital: A Sustainable Approach |
| 11. | Sonam Tobgay (W) | Green Hospital: A Sustainable Approach |
| 12. | Akshya Singhvi | Green Hospital: A Sustainable Approach |
| 13. | Ridhima Mehrotra (W) | Green Hospital: A Sustainable Approach |
| 14. | Digvijay Singh Rathore | Green Hospital: A Sustainable Approach |
| 15. | Ankur Roy | Green Hospital: A Sustainable Approach |
| 16. | Tarun Kumar | Green Hospital: A Sustainable Approach |
| 17. | Sneha Jaiswal (W) | Green Hospital: A Sustainable Approach |
| 18. | Sneha K. (W) | The Digital Architect |
| 19. | Peyom Jini | The Digital Architect |
| 20. | Naveen Jose | The Digital Architect |
| 21. | Jettin Tom augustine | The Digital Architect |
| 22. | Suhasini (W) | The Digital Architect |
| 23. | Hemant Chhabra | The Digital Architect |
| 24. | Arun Cherian | The Digital Architect |
| 25. | Abhishek Singh | The Digital Architect |
| 26. | Nishant Kumar | The Digital Architect |
| 27. | Amit Singh | The Digital Architect |
| 28. | Nakul Jain | Open Space Planning & Design |
| 29. | Kanika Ahirwar | Open Space Planning & Design |
| 30. | Chimi Jigyel | Open Space Planning & Design |
| 31. | Suman Saurav | Open Space Planning & Design |
| 32. | Jamyang | Open Space Planning & Design |
| 33. | Sugandha | Open Space Planning & Design |
| 34. | Ekta | Open Space Planning & Design |
| 35. | Shilpa Dahake | Open Space Planning & Design |
| 36. | Shinjita Roy | Open Space Planning & Design |
| 37. | Ramya R. | Open Space Planning & Design |

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| 38. | Siddhartha | Industrial Design |
| 39. | Raj Kumar | Industrial Design |
| 40. | Ekta Wali (W) | Industrial Design |
| 41. | Surjmani | Industrial Design |
| 42. | Abhinav | Industrial Design |
| 43. | Abhiram | Industrial Design |
| 44. | Swagata (W) | Industrial Design |
| 45. | Aastha (W) | Industrial Design |
| 46. | Susmita (W) | Industrial Design |
| 47. | Shoma (W) | Industrial Design |
| 48. | Ipsita Mondal (W) | Sustainability and Social enterprise |
| 49. | Vidhya Gopal (W) | Sustainability and Social enterprise |
| 50. | Arpita Ghatak (W) | Sustainability and Social enterprise |
| 51. | A.S.N. Shashank | Sustainability and Social enterprise |
| 52. | Anuj Rathi | Sustainability and Social enterprise |
| 53. | Manasa (W) | Sustainability and Social enterprise |
| 54. | Hardik Panchal | Sustainability and Social enterprise |
| 55. | Nishant | Applied Urban Planning and International |
| 56. | Rattandeep Ahuja | Applied Urban Planning and International |
| 57. | Vinutha (W) | Applied Urban Planning and International |
| 58. | Aditya Wallabh | Applied Urban Planning and International |
| 59. | Asim Bikash | Applied Urban Planning and International |
| 60. | Akshay Malik | Applied Urban Planning and International |
| 61. | Saumitra | Applied Urban Planning and International |
| 62. | Sonam (W) | Applied Urban Planning and International |

SEMINAR TOPIC (VTH YEAR)

| S.No. | Name of Student | Topic |
|--------------|---|--------------------------|
| 1 | Rohan Patankar Ammani Nair Bhavika Aggarwal Varun Bajaj Vani Sood | Complex Adaptive Systems |

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| 2 | Anuj Mittal Aishwarya Bharatkumar Shobitha Jacob Shruti Jalodia | Context....in a Contest |
| 3 | Aman Jain Amit Chander Ishwar Chander Vidyasagar Jyotirmoy Pathak Nitesh Kumar | Inevitable Extinction of Architecture |
| 4 | Prachita Singh Snigdha Priyanshi Saudamini Vijendra Ratna Kiran | Urban Porosity |
| 5 | Harsiddh Sonara K. A. P. Madhav Joydeep Mondal Ojaswini Singh | Architecture after Apocalypse |
| 6 | Dyutishree Halder Garima Mendiratta Mahoubah Touri Shila Abdula | Politics and Polemics of Image Making |
| 7 | Dhruv Gupta Divya Bansal Rashid Swati Rastogi | Architecture and Collective Memory |
| 8 | Tripti Mahaseth Abeer Murtaza Drithiman Das Wate Zhiemi Zoya Ajaz | Design for a Difference-Architects and Social Engagement |
| 9 | Amri Chadha Virkein Dhar Rohit Pratik Akhil Kumar | Cracking Codes |
| 10 | Debashish Biswas Bawesh Pradhanand Debakshi Mitra Ugyen Tshering Penjor | The Architect, Low Income Housing the Collaborative Approach |

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| 11 | Sandeep Ahuja Sumati Mattoo Saurabh Gupta Abhimanyu Mittal | Where is India's Tahrir Square? |
| 12 | Alok Kumar Soumya Sharma Balaram Munda Manik Gupta Tshering Dendup | Digital Foundation: Building a base for Digital Future |
| 13 | Artika Aggarwal Ankur Yadav Sushant Jain Varun Seth Utkarsh Prakash | Assessing Continuity in Indian Architecture |
| 14 | Shashank Goyal Changam Wangsa Deepak Sharma Ranveer Kumar Singh | Architecture and Development |
| 15 | Kabilan S. Ankit Sampatram N. Navneethakrishnan Nikit Deshlahra | Architectural competitions-Are they worth the trouble? |
| 16 | Animesh Behera Varun Deorha Nishant Gautam Tshering Denka Swati Goel | Using :”architecture of the Unbuilt” to knit together an” Accidental City” |
| 17 | Joyjeet Kanungo E. Kautilya Bomching Maio Beeravali Chetan Shashank Gautam | Adaptive Environments |

Ph. D RESEARCH UNDERTAKEN

| Name | Topic | Guide |
|---------------------|---|--|
| Shri Anurag Roy | Energy Management in Five Star Hospitals | Dr. N.K.Bansal |
| Prof. Mandeep Singh | Seismic Conscious Architecture | Prof. Satish Khanna |
| Smt. Jaya Kumar | Role of Architecture in Learning Environments for Primary School Children | Prof. Malay Chatterjee Dr. Vinay Maitri |

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|------------------------------|---|---|
| Shri Anil Dewan | Methodology for the preparation of minimum standards for design of new Hospitals in India | Dr. Arvind Krishan |
| Ms.Madhura Adinath Yadav | Architectural Regionalism for the Ecological Region of Bombay | Dr. Arvind Krishan Dr. Meenakshi Dhote |
| Smt. Vandana Sehgel | Abstract Ideas in Art and Architecture : Comparing the Use & perception of 'infinite in 20 th century Art and Architecture | Prof. Satish Khanna |
| Shri Dhiraj Chawla | Structural rehab. of Old Depilated Buildings | Prof. Neerja Tiku |
| Shri Amit Hajela | Redevelopment Strategies for Campus Design and Planning in Indian Context | Prof. Ranjit Mitra |
| Ms. Preeti Vajpeyi | School environments as Multiple sensory learning Aid for Children with Special Needs | Prof. Satish Khanna |
| Ms. Abeer Anwar Ali Shaksher | Mud Architecture in 21 st Century, an Old Idea for New Future | Dr. Arvind Krishan |

SPECIAL LECTURES CONDUCTED BY EXTERNAL EXPERTS

Ist Semester July to December, 2011

| Sl. No. | Name of Faculty | Topic of Special Lecture |
|----------------|-------------------------|---|
| 1 | Mr. Tapan K Chakravarty | Building as System |
| 2 | Mr. Sandeep Menon | Landscape Design for a Residence (Studio) |
| 3 | Mr. Vekrant Sharma | Model Making (Studio) |

IInd Semester January to April, 2012

| Sl. No. | Name of Faculty | Topic of Special Lecture |
|----------------|------------------------|--|
| 1 | Mr. Praveen Shehrawat | Energy Efficient Office Building in Delhi and Using Computer Modeling Programs for energy efficient building Skin & Façade |
| 2 | Dr. Suresh Bhalla | Bamboos Based Structures |
| 3 | Ms. Raka Chakraborty | Complexities of Embassy Design – Case Study : Indian Embassy in Nepal |
| 4 | Ar. Prasanna Desai | Equitable Distribution of Road Space and BSUP Insitu Slum Rehabilitation |

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| 5 | Mr. Achal kataria | Design & Planning Considerations Peculiar to the Embassy Design |
| 6 | Mr. Deepak Gupta | Aluminum Fenestrations |
| 7 | Mr. Sandeep Menon | Landscape Design for Resorts |

LIST OF MEMBERS OF BOARD OF STUDIES (External)

1. Prof. Ashok B.Lal, 2-B, Ram Kishore Road, Civil Lines, New Delhi-110054.
2. Narendra Dengle, Narendra Dengle Associates, 7+8, Pakhar Bagh, 6/6/1 Bavdhan Khurd NDA Road, Pune-411021.
3. Prof. Ujan Ghosh, C-202, Sector-26, Noida, UP
4. Prof. Rajiv Mishra, Principal Incharge, Sir J.J.College of Architecture, University of Mumbai, 78/3, D.N.Road, Fort, Mumbai-400001.
5. Ms. Madhavi Desai, ARCHICRAFTS, 10 Ranjan Society, Part-I, Naranpura Road, Ahmedabad-380013.

STUDIO ABSTRACT

Parul K. Roy

1. Studio Abstract : The first year session was initiated with short exercises to introduce the students to the range of design intervention- from an everyday object to the city. They studied designed objects through which they were made aware of design issues like function, form, material and meaning and the interrelationship between them. They were introduced to the city of Delhi through visit to particular locales where they looked at various facets of the built environment; observations were communicated through mental maps. The final project was based on anthropometrics and use of space. The study of the human body and movement, in relation to space used, culminated with the design of a basic shelter like a kiosk within the city area studied or a personal space for individuals or a children play space. The drawing skill components ran parallel with understanding of orthographic drawings as well as 3D views. In the second semester, the session began with enhancing drawing skills with understanding of perspective and sciography. The study trip to Orchha, in Madhya Pradesh culminated with Architectural Documentation of a palace, temple, havelis and village houses, providing a wide range of scales of buildings based on the same courtyard prototype. The final design projects were varied and one was to be taken up by each student. Cultural space, reinterpretation of a mahal, a homestay, a studio-haat, a village house and a dhaba exposed students to behavioral needs and translation into architectural requirements. Issues related to context, space, climate and construction were discussed through the process.

Ranjana Mital

Studio Assignments:

Semester V Jul - Dec 2011

By the end of the semester, the students had attempted three projects each with a distinct focus and learning opportunities. The three projects being:

1. The holiday assignment
2. The IGBC competition project and
3. The Banaras project

The Banaras Project:

Stage I The class studied the old urban centre at Varanasi. The study done in groups at two levels. The first was to get a quick 'feel' of the place and then focus on a specific study area. Next, they focused on studying their site which were four distinct areas along the ghats. The next stage saw the buildable area and area programme decided collectively.

Stage II Individual work on revitalizing/ redeveloping selected sites. The students were encouraged to evolve a building programme for any of the sites selected based on their comprehension of what was required or desired. The architectural programmes were rationalized in class to maintain parity on the complexity and size of proposals. Thereafter the students worked on their chosen sites and programmes producing some remarkably sensitive site-specific solutions. Varanasi was selected as the area of our study such that the importance of addressing the social and physical context of places where architectural interventions are proposed could be introduced.

Semester VI Jan - May 2012

Two projects carried through issues introduced in the first term while increasing their complexities:

1. **Office Building**
2. **Embassy complex**

The Office Building : The second semester began with an exercise where the primary objective was to understand and appreciate the typical problems of circulation encountered in multistoreyed buildings. The idea of designing with respect to site context continued to be an important issue along with issues of energy efficiency and form exploration.

The Embassy Complex : The idea of recognizing and addressing the socio-physical context of any urban fabric as a pre-requisite to design was taken to a possibly higher and more abstract plane in the second project of the second semester of the year. The students were to design an embassy on identified sites in Chanakyapuri, New Delhi for one of four countries given to them. The students researched on the countries of their choice for key design directives and possibilities of architectural expressions prior to starting on evolving the actual design proposal.

DEPARTMENT OF PHYSICAL PLANNING

COURSE OF STUDIES

Undergraduate Level

Bachelor's Degree in Planning

Doctoral Level

Ph.D. in Planning

FACULTY OF THE DEPARTMENT

Head of the Department

Mayank Mathur

Associate Professor and Head, (30th December, 2011 to till date)

B. Arch., M. Housing, P. G. Dip. In Housing Planning & Building, The Netherlands, Ph.D.
AITP, AIIA

Professors

Raman Dev Surie

Professor & Head. (8th June to 30th December 2011)

B. Arch., M.C.P. (Canada), A.I.I.A., F.I.T.P.

Ashok Kumar

M. Sc. (Geography), MP (URP), PGDHRM, Ph.D. (The University of Liverpool, UK), FITP,
Post-Doctoral from University of Glasgow (UK), Paris University x, Nanterre, Paris, France, and
Norwegian University of Science and Technology, Trondheim, Norway.

Associate Professors

Rabidyuti Biswas

B.E. (Civil), MRP, (IIT Kharagpur), Ph.D. (IIT Roorkee)

AITP, AIE, MISTE, MISRS, MIUT, FICER.

Poonam Prakash

B. Arch., M P (Housing), Ph.D.,

AITP, AIFHP

Assistant Professor

Taru Jain

B. Plan, MSE Transport (UK),

AITP

TEACHING WORK UNDERTAKEN BY THE FACULTY

For the Department

| Name | Subject | Year | Semester |
|------------------|--|--------|----------|
| Mayank Mathur | 1. Housing and Community Planning | Third | Sixth |
| | 2. Theory of Design | First | Second |
| | 3. Local Area Plan | Third | Fifth |
| | 4. Planning and Design Studio (Site Planning) | Second | Fourth |
| | 5. Basics of Design I (Studio Coordinator) | First | First |
| | 6. Thesis Supervision | Fourth | Eighth |
| Raman Dev Surie | 1. Basics of Design | First | First |
| | 2. Evolution of Human Settlements | Second | Third |
| Ashok Kumar | 1. Planning Theory – I | Second | Third |
| | 2. Planning Theory-II | Second | Fourth |
| | 3. Planning and Design Studio (Regional Planning) | Fourth | Seventh |
| | 4. Planning and Design Studio (Master Plan) | Third | Sixth |
| | 5. Thesis Supervision | Fourth | Eighth |
| Rabidyuti Biswas | 1. Environmental Science | Second | Second |
| | 2. Utilities and Services Planning | Third | Sixth |
| | 3. Design Studio on Site planning | Second | Fourth |
| | 4. Planning and Design Studio (Regional Planning) (Studio Coordinator) | Fourth | Seventh |
| | 5. Thesis Supervision | Fourth | Eighth |
| Poonam Prakash | 1. Professional Practice | Fourth | Eighth |
| | 2. Planning Techniques I | Second | Third |
| | 3. Local Area Plan | Third | Fifth |
| | 4. Planning and Design Studio (Master Plan) (Studio Coordinator) | Third | Sixth |
| | 5. Thesis Supervision | Fourth | Eighth |
| | 6. Thesis Coordinator | Fourth | Eighth |
| Taru Jain | 1. Planning Studio Transportation Aspects (Studio Coordinator) | Second | Third |
| | 2. Arts and Graphics I, Studio Coordinator | First | First |
| | 3. Traffic and Transport Planning I | Second | Third |
| | 4. Basics of Design II, (Studio Coordinator) | First | Second |
| | 5. Elements of Settlement Sociology | Third | Sixth |
| | 6. Thesis Supervision | Fourth | Eighth |

TEACHING WORK UNDERTAKEN FOR THE SISTER DEPARTMENTS

| Name | Subject | Class |
|------------------|--|-------------|
| Mayank Mathur | 1. Design of Human Settlements and Thesis Guidance to AITP students at ITPI New Delhi | ITPI |
| | 2. Special Lecture on 'Housing for Special Areas and Groups' in Department of Housing, SPA, New Delhi | M Planning |
| | 3. Jury Member for Master Plan Preparation at SPA Vijaywada | B Planning |
| | 4. Special Lecture on Design of Human Settlements at NIT Raipur | Arch |
| | 5. External Supervisor for guiding Ph.D. student at the Department of Architecture, VNIT, Nagpur. | Ph D |
| Ashok Kumar | 1. Thesis Guidance (Housing Department) | M. Planning |
| Rabidyuti Biswas | 1. Infrastructure Planning (Integrated Semester) | M. Planning |
| | 2. Infrastructure Management 1st Year (PG Regional Plan.) | M. Planning |
| Poonam Prakash | 1. Introduction to Town Planning, Department of Architectural Conservation, SPA, New Delhi – July-Dec 2011 | M Arch |
| | 2. Visiting Faculty SPA Vijaywada – October 2011 for one week (Planning Techniques, Zonal Plan Studio and Thesis discussion) | B Planning |
| | 3. Special Lecture on Participation – Department of Housing, SPA, September 2011 | M Planning |

RESEARCH WORK UNDERTAKEN BY THE FACULTY

| Name | Subject | Sponsor | Non-Sponsor |
|------------------|--|----------------|-------------|
| Rabidyuti Biswas | Working as a team member of research project 'Chance 2 sustain'. | European Union | |

PUBLICATIONS BY THE FACULTY

Mayank Mathur

Mathur, M. (2011) *Health Hazards of Home Based Economic Activities in Residential Areas*, included in Full Meeting Report of Symposium on Indoor Air Quality in Developing Countries, Department of Civil, Architectural and Environmental Engineering, The University of Texas at Austin, USA

Ashok Kumar

Kumar, A. (2011) Land in the Neoliberal Times: A Commodity or A Social Good? *ITPI Journal*, Vol.8, No.2, pp.8-2

Kumar, A. (2011) *Spatially Just Planning: Is it Possible in the Present Structural Context?* A paper presented in the International Conference on "Urban India" organized by the Norwegian University of Science and Technology (NTNU), Trondheim, Norway. 4 October 2011 to 7 October 2011.

Kumar, A. (2011) Planning Rights: A Review and Discussion, *ITPI Journal*, Vol.8, No.4, pp. 21 – 30.

Kumar, A. (2012) Production of the (Un) Just Spatial Environments: A Case of the Squatter Settlement in Delhi, *SPANDREL: Journal of School of Planning and Architecture*, Issue 4, pp.121.131.

Kumar, A. (2012) Justice in an Unjust City, *SPACE: The SPA Journal of Planning and Architecture*, Vol.16, No.1, pp.19-37.

Rabidyuti Biswas

Biswas R. (2012) Water management approaches in group housing development in Dwarka, *Spatio-Economic Development Record*, Vol. 18 No. 5, p125-129.

SEMINARS/ WORKSHOP/ SHORT-TERMS COURSES

Mayank Mathur

- Participated in the Workshop on 'Institution Building: Creating an Institution of Excellence' (under the aegis of continuing Education Programme) from 12th January to 15th January 2012 organized by Department of Management Studies, Indian Institute of Technology, New Delhi.
- Invited for Special Lecture on 'Design of Human Settlements' on 12th March 2012 at NIT Raipur.
- Invited for Lecture on 'Housing for Special Areas and Groups' with specific topic on 'Issues in Home Based Economic Activities on 27th March, 2012 at Department of Housing, SPA New Delhi.
- Urban Workshop on "Land Markets and Land Acquisition" organized by the Center for Policy Research and Centre de Sciences Humaines (CSH). New Delhi. 27 December 2011.
- Panel Discussion on 'Master Plan Delhi 2021 – Review' organised by Delhi Regional Chapter, ITPI on 30th December 2011 at ITPI, New Delhi.
- Workshop on Sustainable Transport for Mega Cities on 13th January 2011 organized by Department of Transport Planning at School of Planning and Architecture, New Delhi.
- Orientation Workshop on 'Zoo Designing and Landscape Architecture from 24th February to 26th February 2012 at India Habitat Centre, organized by Department of Landscape Architecture in collaboration with Ministry of Environment and Forest, New Delhi
- National Workshop on Alternatives to Master Plan Approach on 16th March 2012 at India Habitat Centre organized by Department of Urban Planning, SPA, New Delhi.

- Workshop on 'Human Settlements Response to Climate Change' on 22nd March 2012 organised by Department of Environmental Planning, SPA, New Delhi.

Ashok Kumar

- International Conference on "Urban India" organized by the Norwegian University of Science and Technology (NTNU), Trondheim, Norway. 4 October 2011 to 7 October 2011.
- Urban Workshop on "Land Markets and Land Acquisition" organized by the Center for Policy Research and Centre de Sciences Humaines (CSH). New Delhi. 27 December 2011.
- Panel Discussion on 'Master Plan Delhi 2021 – Review' organised by Delhi Regional Chapter, ITPI on 30th December 2011 at ITPI, New Delhi.

Rabidyuti Biswas

- Trainers training programme on 'Cities and Climate Change', organized by GIZ, during 1st to 4th November, 2011.
- Attended National Conference on Green Building on 27th March 2012, organized by ASSOCHAM, New Delhi.
- Attended session on 'Urban and Regional Planning: Professional Practice and Charges' on 30th Sept., 2011 organized by ITPI, New Delhi.
- Attended the Green Conclave 2011 on 'Opportunity Green: Sustainability and Investment', on 14th October, 2011, in New Delhi organized by Focal Point Media Services Pvt. Ltd. In Collaboration with Ministry of Earth Science, Government of India.
- Attended as discussant in one day Workshop on 'Geofactors and civil crisis prevention in megacities', organized by Centre for Disaster Management, University of Mumbai, Department of Geography, University of Mumbai and Department of Geography, University of Cologne, June, 2011.

Poonam Prakash

- Participated in 'Workshop on Institution Building: Creating an Institution of Excellence', IIT Delhi, 12-15 January 2012.
- Panel discussion on Master Plan Review organized by Delhi Regional Chapter
- Invited for a lecture on 'Creativity' by BHEL, NOIDA
- Invited as Co-facilitator for a 'Workshop on Empowerment', BPCL, 7th January 2012, Greater NOIDA
- Co-facilitator for a Sensitivity Training Workshop, BPCL, February 2012

MEMBERSHIP OF COMMITTEES/ PROFESSIONAL BODIES

Mayank Mathur

- Member, Executive Council, SPA, New Delhi
- Member, Academic Council, SPA, New Delhi
- Associate Member of Institute of Town Planners, India, New Delhi.
- Registered with Council of Architecture, New Delhi.
- Associate Member of Indian Institute of Architects, Mumbai.

- Member and External Supervisor, Doctoral Research Committee, VNIT, Nagpur.
- Secretary, Educational Standing Committee, Institute of Town Planners India, New Delhi
- Special Invitee, Town Planning Examination Board, Institute of Town Planners India, New Delhi
- Member for finalizing Syllabus and Scheme of Examinations, Institute of Town Planners India, New Delhi
- Executive member IHS (Rotterdam) Alumni Association of India, New Delhi.
- Member, Netherlands Alumni Association

Raman Dev Surie

- Member, Academic Council of the School

Ashok Kumar

- Fellow Member, Institute of Town Planners India, New Delhi
- Member, National Association of Geographers, India, New Delhi
- Member, Academic Council, SPA, New Delhi
- Editor, SPACE Journal, SPA, New Delhi
- Editor, SPA Newsletter, SPA, New Delhi
- Editor, ITPI Journal, ITPI, New Delhi.
- Editor, Planners' Newsletter, ITPI, New Delhi.
- Member, Alumni and Friends, the University of Liverpool, U.K.
- Life Member, Indian Institute of Public Administration, New Delhi
- Member, Academic Council, School of Planning and Architecture, Bhopal, Madhya Pradesh: 2010-2011.
- Member, Academic Council, SPA, Vijaywada, Karnataka.
- Referee on the *Urban Studies* Journal edited from the University of Glasgow, Scotland, U.K. and published by Sage Publishers from London.
- Referee on the *Town Planning Review* Journal edited from the University of Liverpool, England, U.K. and published by University of Liverpool, Liverpool, U.K.
- Scientific Correspondent for the newly launched Spatial Justice Journal being edited from Université Paris X Nanterre, Nanterre, Paris, France.
- Member, All India Board of Town and Country Planning of the All India Council for Technical Education, New Delhi: 2010-2011.
- Member, Master Plan for Delhi Review Committee (Regional Planning) of the Delhi Development Authority, Delhi.
- Member, Board of Studies, ITPI, New Delhi.

Poonam Prakash

- Associate Member Institute of Town Planners, India
- Associate Member IFHP

Rabidyuti Biswas

- Fellow Member of International Congress of Environmental Research (FICER) from 2010.

- Member of the Environment and Water Resource Institute of the American Society of Civil Engineers, Reston, VA 201914400, M-970708.
- Life member, Indian Water Resource Society, Roorkee, LM-2005-6650
- Secretary Examination, ITPI, New Delhi, from 2009.
- Secretary, Town Planning Examination Board, ITPI, New Delhi, from 2009
- Member Executive Committee, ITPI, New Delhi, from 2009
- Associate, Institution of Engineers, India, A503745/0 since July 1993
- Associate Member, Institute of Town Planners, India, No. 93-57 since 1993
- Life Member, Indian Society of Remote Sensing, L-1403, since 1995
- Member, Indian Society of Technical Education, GM42810, since 1997
- Member, Institute of Urban Transport, India, M-145, since 1997

Taru Jain

Associate Member, Institute of Town Planners, India

PROFESSIONAL CONSULTANCY PROJECTS UNDERTAKEN BY THE FACULTY

Mayank Mathur

Team member of the SPA for preparation of a sub-regional study and perspective plan for the design of two industrial townships. This project was undertaken for the Lucknow Industrial Development Authority, Government of U.P.

Team Leader for Preparation of Local Area Plans for Six wards in Delhi, for Municipal Corporation of Delhi

Raman Dev Surie

Consultancy team member of the SPA for preparation of a sub-regional study and perspective plan for the design of two industrial townships. This project was undertaken for the Lucknow Industrial Development Authority, Government of U.P. A report on the project has been completed and submitted to the clients. Closure of the consultancy and final settlement of accounts is pending.

Ashok Kumar

Coordinator, Institutional Consultancy Project on 'Development Plan for the Zonal Park in Zone-6, Fatehabad Road, Agra, Agra Development Authority, Agra U.P.

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY/SPECIAL LECTURES

| Sl. No. | Faculty Name and Address | Subjects | Year | Semester |
|----------------|---|---------------------|-------------|-----------------|
| 1. | Shri A. Sen A – 544, Sarita Vihar New Delhi – 110076. | Applied Mathematics | First | First |

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|-----|---|--|------------------|------------------|
| 2. | Dr. Kusum Lata Associate Professor IIPA, I.P. Estate, New Delhi – 110002. | Basic of Structural Design | First | First |
| 3. | Shri S. C. Aggarwal C-47, Sector 15, NOIDA, U.P. – 201301 | Materials and Principles of Construction | First | First |
| 4. | Prof. KSRN Sarma 97, Shivalik Apartments, Alaknanda, New Delhi–110019. | Statistical Methods - I | First | First |
| 5. | Ms. Shhilpi Sinha K-111, DDA SFS Flats, Sarita Vihar, New Delhi. | Workshop Arts and Graphics Basics of Design | First | First |
| 6. | Shri O.P. Kalra EB-201, Maya Enclave, New Delhi – 110 064 | Workshop Arts and Graphics Basics of Design | First | First |
| 7. | Shri Suresh Chand S-10/15, DLF Phase-II, Gurgaon, Haryana. | Workshop Arts and Graphics Basics of Design | First | First |
| 8. | Shri Monis Khan Town and Country Planner TCPO, IP Estate, New Delhi – 110002 | Computer Programming and Applications-I | Second | Third |
| 9. | Prof. S.D. Joardar G – 075, Ridgewood Estate, DLF – IV, Gurgaon – 122009. | Ecology and Resource Management Planning and Design Studio (Block/Sub Regional Plan) | Second Fourth | Third Seventh |
| 10. | Shri D.K. Saluja B-2/90, Safdarjang Enclave, New Delhi -110029 | Planning and Design Studio: (Transportation Aspects) Traffic and Transportation Planning-II | Second Third | Third Fifth |
| 11. | Shri R. M. Lal C-25, Navkunj Appartments Plot No. 87, I.P. Extension, Delhi – 110092 | Planning and Design Studio: Transportation Aspects | Second | Third |
| 12. | Ms. Nupur Dube D-113, East of Kailash, New Delhi – 110065. | Planning and Design Studio: Transportation Aspects | Second | Third |

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|-----|---|---|-----------------|------------------|
| 13. | Shri S. Surendra Town and Country Planner T.C.P.O., E Block I.P. Estate, New Delhi | Demography and Urbanization | Third | Fifth |
| 14. | Dr. Sandeep Raut Associate Town Planner T.C.P.O., E Block I.P. Estate, New Delhi | Settlement Geography | Third | Fifth |
| 15. | Dr. Shipra Maitra N-3/D, Saket, New Delhi – 110017 | Development Planning | Third | Fifth |
| 16. | Shri N.K. Agarwal A/28, First Floor, Naraina Vihar, New Delhi – 110028. | Planning and Design Studio: Area Planning/Zonal Planning | Third | Fifth |
| 17. | Shri V.K. Bugga P-17, Third Floor, N.D.S.E. – II, New Delhi – 110049. | Planning and Design Studio: Area Planning/Zonal Planning | Third | Fifth |
| 18. | Ms. Mona Chhabra Anand GG-1/73 C, Vikas Puri, New Delhi – 110018. | Rural and Resource Planning | Fourth | Seventh |
| 19. | Prof. J.H. Ansari 138, Zakir Bagh, Okhla Road New Delhi – 110025 | Urban Management Planning and Design Studio (Block/Sub Regional Plan) | Fourth | Seventh |
| 20. | Shri R. P. Bansal B-202, Yojana Vihar, Delhi – 110092. | Urban Management | Fourth | Seventh |
| 21. | Prof. R.K. Sachdeva D-27, Panchsheel Enclave, New Delhi – 110017 | Project Planning and Control | Fourth | Seventh |
| 22. | Shri S.C. Roy 2/702, East End Apartments Mayur Vihar, Phase-I Extension Delhi-110096 | Public Finance | Fourth | Seventh |
| 23. | Shri S. C. Aggarwal C-47, Sector 15, NOIDA, U.P. – 201301 | Surveying Quantity Surveying and Specifications | First Second | Second Fourth |

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|----|--|--|--------------------------|----------------------------|
| 24 | Shri Amit Dongre 162, Top Floor, Pocket-B, Sukhdev Vihar, New Delhi | Photography | First | Second |
| 25 | Prof. Raman Dev Surie E-8, Defence Colony, New Delhi - 110024 | History of Art and Culture of Settlements Planning and Design Studio | First Second | Second Fourth |
| 26 | Dr. A. M. Bhola Department of Applied Geology University of Delhi, Delhi 110007 | Applied Geology | First | Second |
| 27 | Shri R. Y. Kadeer c/o Planning Commission 502, Yojana Bhawan, Sansad Marg, New Delhi 110001 | Applied Geology | First | Second |
| 28 | Prof. KSRN Sarma 97, Shivalik Apartments, Alaknanda, New Delhi-110019 | Statistical Methods-II | First | Second |
| 29 | Shri O. P. Kalra EB-201, Maya Enclave, New Delhi – 110 064 | Arts and Graphics-II | First | Second |
| 30 | Shri Suresh Chand S-10/15, DLF Phase-II, Gurgaon, Haryana | Arts and Graphics-II | First | Second |
| 31 | Ms. Shhilpi Sinha K-111, DDA SFS Flats, Sarita Vihar, New Delhi | Arts and Graphics-II Basics of Design-II Planning and Design Studio | First First Second | Second Second Fourth |
| 32 | Shri N. K. Agarwal A/28, First Floor, Naraina Vihar, New Delhi – 110028 | Basics of Design-II | First | Second |
| 33 | Mr. Parul Sharma SP-7, Block-SP, First Floor Pandev Nagar, Delhi – 110092 | Basics of Design-II | First | Second |
| 34 | Mohd. Monis Khan Town and Country Planner, TCPO, I. P. Estate, New Delhi – 110002 | Computer Programming and Applications - II | Second | Fourth |

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|----|--|---|------------------|------------------|
| 35 | Prof. Jamal H. Ansari 138, Zakir Bagh, Okhla Road New Delhi – 110025 | Techniques of Planning-II Planning and Design Studio | Second Third | Fourth Sixth |
| 36 | Dr. Shipra Maitra N-3/D, Saket, New Delhi - 110017 | Elements of Economics | Second | Fourth |
| 37 | Prof. S. D. Joardar G – 075, Ridgewood Estate, DLF – IV, Gurgaon – 122009 | Planning and Design Studio Landscape Planning & Design | Second Third | Fourth Sixth |
| 38 | Ms. Archana Khanna Gupta 3/7, Third Floor, Nehru Enclave, New Delhi – 19 | Urban Design & Conservation | Third | Sixth |
| 39 | Shri Rajat Ray 49-A/1 (3 rd Floor), Savitri Nagar New Delhi 110017 | Urban Design & Conservation | Third | Sixth |
| 40 | Prof. R.K. Sachdeva D-27, Panchsheel Enclave, New Delhi – 110017 | Operation Research & Systems Analysis and Computer Applications-III | Third | Sixth |
| 41 | Shri Sunil Mehra 5035/3, Sant Nagar, Karol Bagh New Delhi 110005 | Planning and Management of Informal Sector and Basic Needs | Third | Sixth |
| 42 | Shri Deepak Srivastava L-32 D, IInd Floor, Saket, New Delhi – 110017 | Land Economics and Locational Theory | Third | Sixth |
| 43 | Shri K.T. Gurmukhi AO – 42, Kala Kunj, Ring Road, Shalimar Bagh, New Delhi – 110088 | Planning and Design Studio | Third | Sixth |
| 44 | Shri R. P. Bansal B-202, Yojana Vihar New Delhi 110092 | Planning Legislation | Fourth | Eighth |
| 45 | Prof. R.K. Barik C-II/2, I.I.P.A. Campus I.P. Estate, New Delhi –110002 | Political Systems and Planning | Fourth | Eighth |
| 46 | Ms. Mona Anand Chhabra KG – 1/555, Vikas Puri Delhi-110018 | Technical Report Writing Terminal Project | Fourth Fourth | Eighth Eighth |

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| 47 | Shri Ajay Singh 436, 3 rd Floor, Jungpura Mathura Road, New Delhi - 14 | Terminal Project | Fourth | Eighth |
| 48 | Shri D.K. Saluja B-2/90, Safdarjang Enclave, New Delhi - 110029 | Terminal Project | Fourth | Eighth |
| 49 | Shri Ikshit Jain C-1/1155, Vasant Kunj, New Delhi - 110070 | Terminal Project | Fourth | Eighth |
| 50 | Shri J. B. Kshirsagar Chief Planner TCPO, Vikas Bhawan, I.P. Estate, New Delhi - 110002 | Terminal Project | Fourth | Eighth |
| 51 | Dr. Kayitha Ravinder Senior Scientist TPE Division, CRRI, Mathura Road, New Delhi - 110025 | Terminal Project | Fourth | Eighth |
| 52 | Ms. Shipra Narang Suri G-66, Nizamuddin (W) New Delhi – 110013. | Terminal Project | Fourth | Eighth |
| 53 | Shri V.K. Bugga P-17, 3rd Floor, N.D.S.E. – II New Delhi - 110049 | Terminal Project | Fourth | Eighth |
| 54 | Shri Narendra Mishra 130, DDA, SFS Flats, Sector – 5, Pocket – I, Dwarka, New Delhi - 110075 | Terminal Project | Fourth | Eighth |
| 55 | Shri P.V. Mahashabdey Additional Commissioner DDA, Vikas Minar, I.P. Estate, New Delhi – 110002. | Terminal Project | Fourth | Eighth |
| 60 | Shri P.M. Parate Additional Commissioner DDA, Vikas Minar, I.P. Estate, New Delhi – 110002. | Terminal Project | Fourth | Eighth |
| 61 | Shri R. M. Lal C-25, Navkunj Apartments Plot No. 87, I.P. Extension Delhi – 110092 | Terminal Project | Fourth | Eighth |

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| 62 | Shri R. Srinivas Town and Country Planner TCPO, Vikas Bhawan, I.P. Estate, New Delhi - 110002 | Terminal Project | Fourth | Eighth |
| 63 | Shri Subir Paul 1337, Poorvanchal, JNU Campus, New Delhi - 110067 | Terminal Project | Fourth | Eighth |
| 64 | Ms. Zeba Aziz 1014, First Floor, DLF, Phase – IV, Gurgaon (Haryana) | Terminal Project | Fourth | Eighth |

| S. No. | SPECIAL LECTURE | TOPIC | Year | Semester |
|---------------|---|---|-------------|-----------------|
| 65 | Mr. T. Mandal Director (Planning) DDA New Delhi | Site Development Programmes with special reference to Karkarduma area | Second | Fourth |
| 66 | Mr. S.C. Agarwal Superintendent Engineer, DDA New Delhi | Project Cost estimation in Site Development | Second | Fourth |
| 67 | Shri Sunil Mehra 5035/3, Sant Nagar, Karol Bagh New Delhi 110005 | Professional Practice | Fourth | Eighth |
| 68 | Ms. Shipra Narang Suri G-66, Nizamuddin (W) New Delhi – 110013. | Elements of Settlement Sociology | Third | Sixth |
| 69 | Shri P.S. Uttarwar Director (Plg.) DDA, New Delhi – 110002 | Procedure based Planning, An Emerging Planning Technique | Second | Fourth |
| | | Applications of GIS in Land Development and Management – Case Studies Dwarka and Rohini | Fourth | Seventh |
| 70 | Shri S. Surendra Town and Country Planner TCPO, New Delhi – 110002 | Introduction to NUIS and NUO | Fourth | Seventh |

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|----|--|--|--------|---------|
| 71 | Mohd. Monis Khan Town and Country Planner TCPO, New Delhi – 110002 | Introduction to ArcInfo for Physical Planning | Fourth | Seventh |
| 72 | Ms. Rupa Nandy Transport Consultant, DIMTS, New Delhi | Recent Development in Planning of Public Transport Systems | Second | Third |

STUDIO ASSIGNMENTS

Semester I: Basics of Design I

Use of various drafting equipments; Lettering & printing, orthographic projections-principles and concepts; one two and three dimensional objects; Construction of linear and diagonal scale; isometric and perspective; Views; sciography and rendering.

Graphic expression of identity & relationships – bubble diagrams; Principles of building orientation; Parking standards, planning concepts of FAR and density; Basics of special organization.

Semester II: Basics of Design II

Factors and concepts related to building design-climate site characteristics, land form, visual elements, behavioral factors and space utilization, design of residential/ commercial/institutional and other buildings (only two types to be selected every year). Appreciation studies of residential, commercial or industrial areas.

Semester III: Planning and Design Studio (Housing Aspects)

Practical exercise on preparing layout plans for residential, industrial and commercial areas incorporating field visits and preparation of field. Studies and design briefs, familiarization with the site development standards, zoning and sub-division regulations.

Regulations and preparation of detailed layout in accordance with the principles of site planning; Site development costs types; Effects of site characteristics and layout design on site development costs.

Semester IV: Planning and Design (Transportation Aspects)

Practical exercise in carrying out various types of traffic transportation surveys and synthesis; Design of various types of road - sections in urban context; Designing road junctions/ rotaries; Preparing transportation plans and location of transportation facilities.

Semester IV: Training

Students were required to undertake practical training for six weeks during summer vacation.

Semester V: Planning and Design (Area Planning/Zonal Planning)(Local Area Plan for Ward 167)

This studio attempts to understand relationship between different levels of plans such as Master Plan, Zonal Plan and Local Area Plan. This studio explored the question of expected outcomes from a Local Area Plans and process of preparation of LAP. Main Objectives of the Studio were: to become familiar with legal framework governing town planning, developing an understanding of purposes and components of a lower order Plan.

Case study selected for the studio was Ward No. 167, R.K. Puram, New Delhi. With the help of the case study students were able to identify inconsistencies within the Delhi Master Plan 2021 as well as the level and nature of detailing required at the zonal plan level without which it would be difficult to prepare a ward/local level plan in conformity with the MPD 2021. Students developed different scenarios and proposals for the ward through interpretation of the master plan.

Semester VI: Planning and Design Studio (Master Plan of Panipat)

In this studio, students are required to understand the process of plan making through preparation of a master plan for a town or a city. This work involves understanding of the existing literature about master plans, analysis of selected master plans, and embedded in this process of learning, preparation of the master plan based on primary and secondary source data collected by the students during nearly two weeks of field surveys.

Students were expected to develop competencies in preparing a rationale for making land and space related allocation decisions demonstrating their understanding of complex relationships between people, activities and spaces at the city level. The basic idea was to grasp salient features of different master plan approaches as they relate to master plan preparation for Panipat. Known for its historic significance, Panipat with its comprehensible scale, provided opportunity to study variety of activities and its high accessibility was an attraction for investment by private sector and potential growth opportunities.

Semester VI: Training

Students were required to undertake practical training for six week duration summer vacation.

Semester VII: Planning and Design Studio on Regional Planning (District Development Plan of Kulu)

As a part of the planning and design studio VII semester B. Planning students prepared District Development Plan for Kullu, 2031. The students did primary survey and secondary data collection from the field. They were involved in goal formation, planning imperatives choice and assessment of needs, strategies for planning and development.

Planning for delivery of services and institutional development conservation and Recycling of resources; environmental protection and co-ordination. The future of the district also projected and different scenarios has been developed. Based on the future demand and projected development scenarios, the proposal for the entire district is formulated by the students. Policies

and proposal were given in settlement pattern identifying different hierarchy of settlements and future assignment of population and facilities, in all the sectors like agriculture and horticulture, animal husbandry, environment, wasteland, hazards, industries and commerce, tourism, regional connectivity and road network, physical and social infrastructure, etc. for all blocks of the district. Phasing of the proposed development plan also prepared to ensure the balanced development of the district within the plan period.

Semester VIII: Thesis (Planning projects)

Each student of Bachelor of Planning was required to prepare thesis on a subject concerning urban, rural or regional development as approved by the Head of the Department. The thesis provides an opportunity to the student to synthesis the knowledge and skills acquired through learning of various theories and practices the course. Following are the thesis topics undertaken by the students and their thesis supervisor:

| Name of the Student | Thesis Topic | Thesis Supervisor |
|----------------------------|--|--------------------------|
| Abhishek Haldar | Development of Sustainability Enhancement Tool Using Performance Measurement for Evaluating A Public Transportation System | K. Ravinder |
| Nabum Yana | Social and Environmental Conflicts of Hydropower Projects | R Biswas |
| Smanla Dorjee Nurboo | Transformations Due to Tourism in Leh Town (Ladakh) | Subir Paul |
| Deobrat Kumar | Planning for Silk Industry in Bhagalpur | Mayank Mathur |
| Aido Pertin | Urban Transformation and Planning In Itanagar | J.B.Kshirsagar |
| Thatabrata Bhattacharya | Displacement and Resettlement in Riverfront Development | R.Srinivas |
| Arpit Kumar | Land Use and Land Value Theory | Ikshit Jain |
| Aditya Ajith | Spatial Injustice: A Case Study of Delhi | Ashok Kumar |
| Imran B. Soudagar A.K. | Spatial Implications of New Airport Development on Surrounding Areas | Taru Jain |
| Apurva A. Hamsagar (w) | Applicability of Pedestrian Infrastructure Guidelines | R.M.Lal |
| Vrishti Saini (w) | Urban Renewal of Walled City, Delhi | V.K.bugga |
| Debojyoti Mukherjee | Green Infrastructure: A Case Study of Delhi | Mayank Mathur |

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|---------------------------|---|-----------------|
| Kashish Arora | Parking Policy of Delhi | Taru Jain |
| Rahul Sharma | Evaluation of Land Policy In Delhi | P V Mahashabdey |
| Bhavya Pasricha (w) | Transportation Attributes for Poverty Reduction | D.K.Saluja |
| Vaibhav Khandelwal | The Role of Private Sector in Urban Residential Development | Zeba Aziz |
| Nikita Madan (w) | Planning and Development in Zone O | P.M.Parate |
| Harshita Jaypati (w) | Criteria for Site Selection of Homestead Plots of Indira Awas Yojana | Mona Anand |
| Anurag Anand | Determinants of Residential Floor Area Ratio | Poonam Prakash |
| Amaan Hasan | Integrating Urban Poor in the Cities | Narendra Mishra |
| Sonali Malik (w) | Planning for Coastal Regions in Response to Climate Change: A Study on Tiswadi, Goa | R Biswas |
| Amit Kumar | Typology and Characteristics of Mixed Use Activities and its Implications for Planned Development | V.K.Bugga |
| Smriti Das (w) | Requirement of Commercial Facilities At Commercial Level | Poonam Prakash |
| Dipankar Saikia | Management Plan for Dibru-Saikhowa National Park | Subir Paul |
| Shobit Verma | Implication of Metro Rail on Land Use and Land Values | Ajay Singh |
| Sakshi Shedha (w) | Land Acquisition in Uttar Pradesh | Ashok Kumar |
| Shashikant Nishant Sharma | Participatory Planning in Practice | Poonam Prakash |
| Tryambkesh K. Shukla | Land Tenure Systems in Informal Settlements | Shipra Narang |
| Gaurang Khandelwal | Green Belt in Delhi | P V Mahashabdey |

Ph.D. RESEARCH WORK COMPLETED

| Name of the Student | Research Topic | Research Supervisor |
|---------------------|---|------------------------|
| S.P. Biswas | Idea, Intention and Delivery of Equity and Justice: Politics of Distribution in Urban WaterSupply across Socio-economic Spaces in Delhi | Prof. Dr. S.D. Joardar |

Ph.D. RESEARCH WORK: THESIS TOPICS BEING PURSUED

| Name of the Student | Research Topic | Research Supervisor |
|-----------------------|---|------------------------|
| Meena Vidhani | Growth Dynamics of New Towns in Metropolitan Areas: A Study of their Planning & Development Factors | Prof. Dr. S.D. Joardar |
| B K Dutta | Evaluation of Re-settlement and Rehabilitation Policy of India – Case Study of Highway Projects | Prof. Ashok Kumar |
| Sanhita Bandhopadhyay | State Space Analysis in Solid Waste Management Process | Dr. R Biswas |

BOARD OF STUDIES (EXTERNAL MEMBERS)

- Ms. Shipra Narang Suri**
G-66, Nizamuddin (W)
New Delhi – 110013.
- Prof. R.K. Barik**
C-II/2, I.I.P.A. Campus
I.P. Estate, New Delhi – 110002
- Shri P. V. Mahashabdey**
Director Master Plan
Delhi Development Authority
Vikas Minar, 6th Floor
I.P. Estate, New Delhi – 2.
- Dr. Sanghamitra Basu**
Associate Professor
Architecture & Regional Planning
IIT Kharagpur,
Kharagpur - 721302, (West Bengal)
- Prof. Manmohan Kapshe**
Head of the Department, Planning
School of Planning and Architecture,
Bhopal, 1st Floor, Sports Complex
MANIT, Bhopal – 46205

DEPARTMENT OF ARCHITECTURAL CONSERVATION

COURSES OF STUDIES

Post-Graduate Level

Master's Degree in Architecture with specialization in Architectural Conservation

Doctoral Level

Ph.D. in Architectural Conservation

FACULTY

Professor & Head of the Department

Prof. Kavas Kapadia

Professor, (1 April-15 May, 2011)

Professor & Head of the Department

Nalini Thakur, B.Arch. ARC (ICCROM), M.A. Conservation Studies University of York

Professor, (16 May, 2012)

Professor

Priyaleen Singh, B.Arch. M.L. Arch., M.A. Conservation Studies, University of York,

Ph.D. University of York

Associate Professor

Anuradha Chaturvedi, B.Arch., M.A. Conservation Studies, University of York

TEACHING WORK UNDERTAKEN BY THE FACULTY

For the Department

| S.No. | NAME | SUBJECT | CLASS |
|-------|---------------------|--|---------|
| 1. | Prof. Nalini Thakur | Architectural Knowledge Systems PB –II B | II Sem |
| | | Thesis guidance –CS – IV | IV Sem |
| | | Studio CS-I Studio Director | I Sem |
| | | New Paradigms PB – III | III Sem |
| | | Architectural Knowledge Systems PB-II B | II Sem |
| | | Studio CS - II | II Sem |
| | | Thesis guidance | IV Sem |
| | | Internal guide for Ph.D. scholar Prafulla Janbade | |

| | | | |
|-----------|--|---|---------|
| 2. | Prof. Priyaleen Singh | Natural Heritage | I Sem |
| | | Introduction to History & Theory of Conservation | I Sem |
| | | Historic Cities | II Sem |
| | | Architectural Conservation Studio (Studio Director) | II Sem |
| | | Architectural Conservation studio (Studio team) | III sem |
| | | Architectural Conservation Studio (Thesis guide) | IV Sem |
| | | Guide for PhD to Sameer Hamdani on topic” Inspired Architecture: The architectural traditions of masjids, aastans and Khanqahs of Kashmir | |
| 3. | Anuradha Chaturvedi Associate Professor | Inventories and Documentation | I Sem |
| | | Architectural Conservation Studio (Studio Team) | II Sem |
| | | Conservation Management III | III Sem |
| | | Architectural Conservation Studio (Studio Director) | III Sem |
| | | Conservation Management IV | IV Sem |
| | | Architectural Conservation Thesis Studio (Thesis Coordinator) | IV Sem |

Undertaken for School :

Prof. Nalini Thakur

Department of Architectural Conservation

Distinguished Visit : Dr Joanna Regulska Vice President for International and Global Affairs, Rutgers University, with Rutgers University Delegation visit to the School of Planning and Architecture

Distinguished Visitor : Dr. Christer Gustafsson Director , Kulturmiljo Of Halland Sweden visited the Department made a presentation “ The Halland Model for Conservation as a catalyst for sustainable development.” and interacted with the students.

Distinguished Visitor Prof. Michael Turner, UNESCO Chair in Urban Design and Conservation Studies, Bezalel Academy of Arts and Design, Jerusalem 7th September 2011 Made a presentation to the students on Historic Urban Landscapes.

Signing of Memorandum of Understanding (MOU) :

- With Intach Chairman on 22 June 2011.
- With Dr. Christer Gustafsson Director, Kulturmiljo, Heritage Halland, Sweden-Conservation Agency for the Region of Halland October 2011
- Request Roma Tre Bari Polytechnic, Milan Polytechnics Italy January, 2012

Exhibition of Department work: Nov 2011 Indian Urban Conference 2011 in Mysore Infosys Campus – **Students prepared** 3 panels exhibiting AC Department's work. November 2011.

Student presentation on Khajuraho Studio (SemII Jan-May2011) at Heritage Week Celebrations of ASI at Khajuraho 19th Nov 2011. "Integrating Local community, local values with World Heritage Site" **as part of Khjuraho Initiative SPA**

Undertaken for Outside Departments and Institutions

Prof. Nalini Thakur

Chandigarh College of Architecture as part of the Golden Jubilee celebrations:

Jury Member for National Architectural Design Competition for an "Eco-friendly School", 16th July 2011 at CCA sponsored by "Eurogroup - Khemka Foundation and Nabha Foundation.

External guide to Phd scholar Sylvie Dominic from Delhi University- " Issues in the Conservation of Architectural Heritage in Delhi and Rajasthan. Study of selected Sites "

Supervisor of Fulbright Fellow Mathew Le Due for his research " Cultural Heritage Preservation, tourism, development in globalised community, case of Hampi."

External Guide to Phd Scholar Satyabhama Bhadrinath,

"Management of Living Heritage Sites with special reference to South India," from Deccan College, Pune

Review of Conservation Studio work in Ahmedabad CEPT. 10th Dec2011

Jury completion of Berkeley Prize

Prof. Priyaleen Singh

- Member Board of Studies, Institute of Archaeology, A.S.I.

Associate Prof. Anuradha Chaturvedi

Presentations on Traditional Housing in Mountain Regions – Ladakh & Traditional Housing in Coastal Areas at the Department of Housing, SPA, March-April, 2012

Advised Students of 3rd Yr Physical Planning on Heritage Resources of Panipat as input for Studio Project, March, 2012

Resource Person for Structural Conservation Training Camp at Sanchi, organized by Institute of Archaeology, Archaeological Survey of India, July 2011

RESEARCH WORK UNDERTAKEN BY THE FACULTY (both sponsored and non-sponsored)

1. **Prof. Nalini Thakur** Research into Integrated Management Models for categories of Heritage Sites –non sponsored.
2. **Prof. Priyaleen Singh** Historic Gardens of Delhi.
Rajput Garden Design traditions.
Conserving historic gardens: The Indian context
3. **Anuradha Chaturvedi** Ph.D. related research on heritage and sustainable development of the Ladakh region. Research on traditional water systems and heritage towns in Malwa and the Deccan. Research on 15th Century Fortified Settlement of Achalgarh associated with Rana Kumbha & Mandan; Dilwara Temple Complex & Mt Abu for Mt Abu Eco-Sensitive Zone Project.

PUBLICATIONS BY THE FACULTY (ARTICLES, BOOKS, REPORTS, ETC.)

Prof. Nalini Thakur

Papers and Publications

Journal of SPA Bhopal, **“Indian Cultural Landscapes, religious pluralism, tolerance and ground reality”** in *Spandrel 3 Theme The Sacred* of the Journal of SPA Bhopal August to December 2011 issue

Edited by Ken Taylor and Jane Lennon in book **“Managing Cultural landscapes,” “The Indian Cultural landscape- Protecting and managing the physical to the metaphysical values”**, published by Routledge Taylor and Francis Group 2012

Baku Abstract Jan 23, 2012 : Title: **“Articulating the “Philosophical Basis “for symbiosis between Historic Urban Landscape (HUL) and the holistic foundation that shaped Indian Historical Architecture”** was accepted for Conference “Heritage Under Pressure : Perspectives of HUL”, the VII Annual Conference of the Theory Committee of ICOMOS, 25th -28th April at Baku, Azerbaijan

Prof Priyaleen Singh

Changing imagery of the gardens of Taj Mahal: Lessons from the narrative of a historic garden. *Historiography of Architecture of Pakistan and the region*, Vandal P (ed) THAAP publications, Lahore

Urban Conservation: A new paradigm for urban development. Continuing traditions in new urbanism.

Assistant Prof. Anuradha Chaturvedi

Section on Cultural resources and Heritage in the ‘Mt Abu Eco-Sensitive Zone Plan’ of the Department of Environmental Planning, April-Nov 2011

Preparation of Reader on the subject ‘Urban Conservation and Heritage management’ for

the Dual Certification Programme of ITPI & KSOU, Institute of Town Planners, India Feb–May 2012

Paper entitled “Urban Cultural Landscape of Leh, Ladakh”, in SPACE – SPA Journal of Planning & Architecture, Vol 16, Number 1, Jan-June 2012.

Abstract on “Gya-pak” or Rammed Earth Construction in historic structures in Ladakh, India’ accepted for presentation at International Conference on Restoration of Rammed Earth-RESTAPIA2012, Instituto de Restauracion del Patrimonio, Universitat Politecnica de Valencia, Valencia, Spain. Jan, 2012.(June 2012)

Abstracts on “Integrated Conservation & Regeneration of the Urban Cultural Landscape of Sironj, Madhya Pradesh, India’ and ‘Problems & Potentials of Traditional Resource Management Systems in Ladakh, India’ accepted for presentation at the X International Research Forum (X Forum Internazionale di Studi) – ‘Le Vie dei Mercanti – Architecture, Design, Landscape’, Facolta di Architettura. Seconda Universita degli Studi di Napoli, Italy. Jan, 2012.(June 2012)

Abstract on “Heritage resource revalorization for sustainable travel infrastructure development – Innovative approaches for regeneration of the 17th century Mahram Nagar Sarai-Katra- Garden-Tank Complex, near New Delhi Domestic Airport” accepted for presentation at the IIIrd International Conference on Architectural Conservation, Dubai. Jan, 2012.(Dec.2012)

Abstract on “Role of the Jesuit, Franciscan & Dominican missions in the evolution of the Urban Cultural Landscape of the historic walled town of Diu, India” accepted for presentation at International Conference on ‘Jesuit Missions: Heritage, Memory and Living Culture’, Universidad Catolica Boliviana, Chiquitos, Bolivia. Jan, 2012.(Aug 2012)

Conference Theme on “Traditional Water Management Systems in India’ sent for 7th World Archaeological Congress, Jordan. March 2012.(2013)

SEMINARS/WORKSHOPS/SHORT TERM COURSES (BOTH ATTEND BY FACULTY AND CONDUCTED BY THE DEPARTMENTS)

Prof. Nalini Thakur

Exhibit - Write up Panel titled “**Heritage in India – Post Colonial Paradox**” at Exhibition “**Oriental Scenery yesterday and Today** “ at IGNCA. (April- May 2011)

Consultative Interaction: As Expert from SPA on the Vrindavan Developmental Plan for the Friends of Vrindavan June 2011 at the office of the District Collector Mathura

Chaired : Talk on “**Preserving Heritage Cities on Water: Venice and Srinagar** “
Speakers: Prof. Daniele Pini and Prof. M N Ashish Ganju at India International Centre, organized by The Embassy of Italy and the Italian Cultural Centre in collaboration with UNESCO New Delhi Office, Indian Heritage Cities Network Foundation on 20th May 2011

Presented : “**Understanding Baolis as part of traditional and Historic Water Systems**” at “Workshop on ‘Baolis’ “ organized by the Department of Science and Technology on 5th October 2011 at India International Centre.

Presented : “ *Developments in Mehrauli - Evaluating the ‘Rediscovered’ Mehrauli of the Last Mughal* “ a Mughal Period Seminar organized by the Indian national Trust of Art and Cultural Heritage (Intach) Dellhi Chapter as part of the campaign **Delhi World Heritage City** 8th October 2011:

Chaired : **Session on Stone Conservation and Stone Crafts Skills Training in workshop Stone Conservation and Skills Training, Jaipur organized by** Global Stone Technology Forum, **CDOS** (Centre for Development of Stone), GoR, Jaipur, **15th Dec 2011**

Advised and Planned for awareness building among architects: For e-seeed’s annual function “International Convention on Conservation & Restoration at Hampi, 2012” organized by Architecture Alumni Association of Kholapur University -e-seeed.

Key Note Presentation : Title – “ **Learning from Indian Heritage – Journey of 3 Decades**” at the Architecture Festival FAB FEST 2012@ SRM University, School of Architecture and Interior Design, Tamil Nadu – 11 Feb 2012

Key note Presentation: Title - “**Archaeological Park as tool to protect and Manage Mughal Gardens** “ in workshop “Conservation Approach to the Mughal Gardens with Special Reference to Bibi Ka Maqbara” organized by ASI Aurangabad Circle, Intach Aurangabad Chapter in association with Intach Belgium 17th Feb2012 at Aurangabad, Maharashtra

Presentation : Title – “ **Management Plan for Khajuraho World Heritage Site- Focus on the Buffer Zone.**” as part of “**Khjauraho Initiative SPA**” in the office of the DG ASI on 23 Feb 2012

Presentation : Title – “**World Heritage City in the Indian Context**” at Experts Meeting to Discuss the Management Plan - WHN Dossier for Ahmedabad Walled City organized by Ahmedabad Municipal Corporation and Cept University 26th February 2012 , Ahmedabad

Presentation: Title – “ **The framework for building the foundation of Architectural documentation for sustainable Protection and Management of Rural Heritage for development**” at Seminar “ Strategies of Rural Development and Heritage Conservation” organized by Indian Trust for Rural Heritage and Development 3rd March 2012 , IIC Delhi

Presentation : Title – “**Integrated Management Plan for Khajuraho: A tool for inclusive and Sustainable Future for the BufferZone of the World Heritage Site** “ As part of **Khajuraho Initiative** at the International Seminar on Art and Archeology of Madhya Pradesh organized by the Directorate of Art, Archaeology and Museum in Bhopal. 13th March2012

Professor Priyaleen Singh

‘Memories of Lahore’. Selected to present a paper in international conference “Lahore: Portrait of a city” at Lahore. Nov 2011

‘Historic gardens in the evolving cultural landscape of Delhi’. Invited to give a paper in international conference “Delhi: A world heritage city” at New Delhi. Oct 2011

‘The evolving Mughal char bagh typology’. Invited to give a lecture at Department of Arts and Aesthetics, JNU. Sept 2011

‘Conservation of Historic gardens: From principles to practice. Invited to present paper at seminar on *Conservation of Mughal gardens of Kashmir* organized by J & K INTACH Chapter and University of Kashmir, Srinagar at Srinagar. 13-17 May 2011

Resource person for Structural Conservation training camp organized by Archaeological Survey of India at Sanchi. 2011

Participated in conference on ‘Cultural Landscapes’ organized by ISOLA at Ahmedabad Sept 2011

Associate Professor Anuradha Chaturvedi

Resource person on Documentation of Monuments (4 Units) for Structural Conservation training camp (1-30 July 2011) organized by Archaeological Survey of India at Sanchi, Madhya Pradesh. 19-21 July 2011

Participated in Indo-Italian Scientific Workshop on ‘Stone Conservation’ organized by INTACH- Indian Council of Conservation Institutes, in collaboration with the Italian Embassy, Delhi and the Centro di Conservazione Archeologica, Italy. INTACH Delhi. 12th to 14th October, 2011

Prepared Concept Paper, Discussion Notes, Reports and Budget for proposed collaboration between SPA and Shahjehanabad Redevelopment Corporation on Conservation of Tughlaq period Bund, Mughal period pavilions and upper terrace of Talkatora Garden at request of SRDC representative. May 2011

Participated in IUCN-MoEF, GoI, Seminar on “Road to Hyderabad from Nagoya -11th Conference of Parties of the Convention on Biodiversity CBD COP11”, Surajkund, Nov.16th 2011.

Participated in ICIMOD-TERI-MoEF event on ‘Sustainable Mountain Development in the context of Rio+20’ at the 12th Delhi Sustainable Development Summit, Delhi, 2nd Feb, 2012

Attended Seminars on “Delhi: A Heritage City – Articulating Outstanding Universal Values”, INTACH-IIC, Oct-Dec 2011

MEMBERSHIP ON COMMITTEES/PROFESSIONAL BODIES

Prof. Nalini Thakur

Committees:

- Advisory Council of the Indian Trust for Rural Heritage Development
- Expert Committee, constituted to examine the conservation work executed by Indian National Trust for Art and Cultural Heritage (INTACH) on behalf of ASI at centrally protected Muhammad Shah’s Tomb inside Lodhi Garden, New Delhi
- Editorial Advisory Board of “Abacus “ of BIT Mesra, “Spandrel” of SPA Bhopal and “Journal Of Architecture” Chandigarh College of Architecture .
- Member of Delhi Government, Department of Urban Dev Committee for the Review of the Master Plan 2021.

- Member of Committee set up by the Shahjahanabad Development Authority for Heritage Works specifications.
- Member of the Interview Committee of Bhopal School of Planning and Architecture. Meeting 12 March 2012

Professor Priyaleen Singh

- Member, Advisory committee World Heritage Matters, Ministry of Culture, Govt of India.
- Special invitee as Jury member: Committee for selection of architect to design Indian Institute of Technology, Mandi, Himachal Pradesh.
- Member Board of Studies, Institute of Archaeology, Delhi. ???
- Member Standing Technical Committee on Maintenance of Heritage Character and Development of Parliament House complex.
- Member Heritage Committee, NDMC.
- Member Committee to give professional advice on Heritage structures within Aligarh Muslim University.
- Member Council of Architecture
- Life Member INTACH (National Trust for Art and Cultural Heritage)
- Member CSD (Conservation Society Delhi)
- Member ISOLA (Indian Society of Landscape Architects)

Associate Prof. Anuradha Chaturvedi

- Member of the Expert Committee on Tagore Centres/ Parisars (150th Birth Anniversary Commemoration of Rabindranath Tagore) of the Ministry of Culture, Gol.
- Associate Member Indian Institute of Architects
- Member Council of Architecture
- Member CSD (Conservation Society Delhi)
- Member Executive Council of SPA (Till Nov. 2011)
- Member Library Committee, SPA
- Member, Floriculture Society, NOIDA & Greater NOIDA

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY (INDIVIDUAL AND INSTITUTIONAL)

Prof. Nalini Thakur

Focus has been about maintaining standards of past work and negotiating the Terms for future consultancies.

Ahmedabad Walled City World Heritage Nomination dossier : Consultant for Management, still under building an understanding with client AMC and CEPT.

Integrated management plan for Hampi World Heritage Site: The Finalization process and rationalization towards effective WHS management.

Professor Priyaleen Singh

Revitalisation of Kolkata River front: Concept plan

Landscape consultant and conservation consultant to RITES (SPA and RITES collaborative project for Kolkata municipality).

Consultancy on Historic Open spaces and gardens to Punjab Tourism for sites in Punjab.

Consultancy to ASI and CRCI for World Heritage Site of Ellora: Conservation management plan.

Associate Prof. Anuradha Chaturvedi

Cultural resource conservation consultant for 'Master Plan for Mt Abu Eco-Sensitive Zone' – SPA Institutional Consultancy Project undertaken by Department of Environmental Planning.

Observer for All India Engineering Entrance Examination AIEEE, Sunday, 1st May, 2011 in Delhi

**TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY,
SPECIAL LECTURES ARRANGED**

Session: - January – May 2011

Semester: - Second & Fourth

| Name | Subject | Module | Semester |
|---------------------------------|---|---------------|-----------------|
| Dr. R.G. Majumdar | Writing & Oral Skills | PB II B | II Sem |
| Dr. P.K. Chaubey | Quantitative Survey Techniques | HR II B | II Sem |
| Ms. Anisha Shekhar Mukharji | Architectural History Theory & Criticism. | TP II A | II Sem |
| Dr. Savyesaachi | Anthropology & Sociology | TP II B | II Sem |
| Mr. Suneet Chopra | Anthropology & Sociology | TP II B | II Sem |
| Ms. Irene Stephen | Planning Parameters for Conservation | TP II C | II Sem |
| Prof. Laxmi Priya | Conservation Management | CM-II | II Sem |
| Prof. Sangeeta Bais | Traditional Materials | SF II-A | II Sem. |
| Er. Jamwal & Mr. Abhishek Singh | Structural Conservation | SF II B | II Sem |

| | | | |
|----------------------------------|---------------------|-------------|-------------|
| Ms. Nina Rao | Conservation Studio | CS II | II Sem |
| Prof. (Dr.) S.M. Azizudin Husain | Research Paper | CS-IV | IV Sem |
| Ms. Bhawna Dandona | Streams | II & IV Sem | II & IV Sem |
| Ms. A Vijya | Conservation Studio | CS IV | IV Sem |

VF Streams Special lectures

| | | | |
|----------------------------|---------|-------------|-------------|
| Dr. Shobhita | Streams | II & IV Sem | II & IV Sem |
| Dr. Rohit Jigyasu | Streams | II & IV Sem | II & IV Sem |
| Dr. Suneet Chopra | Streams | II & IV Sem | II & IV Sem |
| Prof. (Dr.) Manish Chalana | Streams | II & IV Sem | II & IV Sem |

Session:- July-December 2011

Semeter:-First & Third

| | | | |
|--|---|--------|---------|
| Dr. S.C.Malik & Ms. Rohit Jigyasu | Foundation Course | PB I A | I Sem |
| Ms. Jatinder Marwaha | Visual Communication | PB I B | I Sem |
| Mr. Takahino Makino & Co (Unesco) | History & Theory of Conservation | TP I A | I Sem |
| Prof. Narayan Swamy & Ms. Revathi Kamath | Planning | TP I B | I Sem |
| Dr. B.M. Pande | Archaeology | TP I C | I Sem |
| Prof. Narayan Swamy | Quality Management | CM I A | I Sem |
| Ms. A. Vijaya | Quality Management of Heritage Building and Sites | CM I-B | I Sem. |
| Ms. Sangeeta Bais | Introduction to Historic Building Decay Process | SF I A | I Sem |
| Dr. B.N. Tandon | Chemistry of Traditional Materials | SF I B | I Sem |
| Prof. Rewathi Kamath, Ms. Anisha Jain, Mr. Jatinder Shingh & Mr. Neeraj Bhagat | Conservation Studio | C S I | I Sem |
| Shubhru Gupta | New Paradigms | PB III | III Sem |

| | | | |
|--|---|----------|---------|
| Poonam Thakur | Cultural Landscapes | HR III A | III Sem |
| Manish Chalana | Qualitative Techniques | HR III B | III Sem |
| Anisha Shekar | History & Theory | TP III A | III Sem |
| Laxmi Priya/ Prof. Nina Rao / Vishakha | Exploring the link between heritage with Jurisprudence | TP III B | III Sem |
| AK Das | Museology | TP III C | III Sem |
| Smita Datta Makhija | Upgradation of Historic Building. for reuse | SF III A | III Sem |
| Shahena Khan | Conservation Studio | CS III | III Sem |

Session: Jan – March 2012

Semester: Second & Fourth

| | | | |
|---|--|----------|---------|
| Dr. R.G. Majumdar | Writing & Oral Communication in English | PB-II B | II Sem. |
| Prof. K.S.R.N. Sharma | Quantitative Survey | HR-II B | II Sem. |
| Ms. Anisha Shekhar | Architectural History Theory and Criticism –I | TP-II A | II Sem. |
| Dr. Savyasaaachi | Anthropology & Sociolog | TP-II B | II Sem. |
| Mr. Suneet Chopra | Anthropology & Sociology Planning | TP-II B | II Sem. |
| Ms. Irene Stephen | Planning | TP-II C | II Sem |
| Mr. Dependra Prasad | Planning | TP-II C | II Sem |
| Ms. Sangeeta Bais | Structural Conservation | SF- II F | II Sem |
| Prof. Jamwal | Structural Conservation | SF-II B | II Sem. |
| Ms. Laxmi Priya | Conservation Management | CM-II | II Sem |
| Ms. Bhawna Dandona | Conservation Studio | CS II | II Sem |
| A. Vijya | Conservation Studio | CS II | II Sem |
| Ms. Bhawna Dandona | Special Elective | CS-IV | IV Sem |
| M.N. Aseesh Gunju | Research Paper | CS-IV | IV Sem |
| R.C. Agarwal / Shalini Dasgupta/ T. Laxmi Priya | Conservation Studio | CS-IV | IV Sem |

List of Streams 2011

| Date | Name of the Stream | Presented By |
|----------|---|--------------------------|
| 9.08.11 | Sinan – the Architect | Prof. Masood Taj |
| 9.08.11 | Islamic Architecture 12 th – 16 th C. Delhi as International City in 12 th -16 th Centuries | Prof. Catherine B. Asher |
| 16.08.11 | Delhi as World Heritage City | Prof. A. G. K. Menon |
| 18.08.11 | A New Paradigm – what is Urban Ecological planning | Prof. Hans Bjonness |
| 20.09.11 | Edinburgh – World Heritage City | Mr. Neeraj Bhagat |
| 27.09.11 | Viollet Le Duc, | Mr. Sylvie Dominique |
| 27.09.11 | Konark Sun temple – Past, present and Future | Saptrishi Sanyal |
| 25.10.11 | Interpreting Heritage Sites & Museums and exhibitions | Mr. Siddarth Das |
| 8.11.11 | Conservation Projects in London U.K. | Ms. Jhilmil Kishore |
| 8.11.11 | Conservation of Robee House F.L. Wright | Ms. Anuradha Gandhi |
| 15.11.11 | Making of the (CAA)- Archives of American Institute of Indian Studies | Dr. Vandana Sinha |
| 29.11.11 | Romiri Project Greece | Ms. Somi Chatterjee |

List of Streams 2012

| S. No. | Date | Presented By |
|--------|----------|---------------------------|
| 1. | 17.01.12 | Ms. Sanskriti Singh |
| 2. | 1.02.12 | Dr. Yidhishtir Raj Isar |
| 3. | 6.03.12 | Mr. Biresh Shah |
| 4. | 20.03.12 | Dr. Manish Chalana |
| 5. | 22.03.12 | Prof. Christer Gustafsson |
| 6. | 27.03.12 | Dr. Shikha Jain |
| 7. | 03.04.12 | Dr. Meera Eswar Das |
| 8. | 24.04.12 | Dr. Rima Hooja |

TOPICS OF THESIS UNDERTAKEN BY STUDENTS

| Roll No. | Name of Students | Thesis Topic |
|----------|------------------|---|
| AC/576 | Vaibhav Prakash | Conservation Plan for Delwara Towards Heritage based Integrated Rural Development |

| | | |
|--------|----------------|--|
| AC/577 | Balaji V. | Cultural Landscape of Rameswaram |
| AC/578 | Tulika | Conservation of Historic Ghats of Bothoor |
| AC/579 | Mallika Sharma | Conservation Strategies for the Monumental Remains of the Historic Town of Sirhind, Punjab |
| AC/580 | Kumar Kartikey | Regeneration Programme for Aminabad in Historic Lucknow |
| AC/581 | Sohini Nandi | Conservation Management Plan of Indo-French settlement Chandernagore , West Bengal] |
| AC/582 | Sharat Sunder | Conservation Management Plan for the Historic Fort Area of Thiruvananthapuram |
| AC/583 | Nancy | Delineation and Conservation of the Significant Colonial Institutional area of Patna riverfront as a Heritage Zone and Development of Conservation plan for the Historic “The Patna College Complex” |
| AC/584 | Safiya M.D. | Conservation of Vernacular Architecture Within the Cultural Landscape of Minicoy, Lakshadweep |

LIST OF NAMES OF EXTERNAL MEMBERS OF BOARD OF STUDIES:

| Name of External Members | Address |
|--------------------------------------|--|
| Prof. A.G.K. Menon | N-84 Panchsheel Park, New Delhi-110017 |
| Prof. S.C. Malik C/O Asia Project | 40, India International Centre, Max Muller Marg, New Delhi – 110017 |
| Ranesh Ray Conservation Architect | R/176 GK Part – I, New Delhi-110047 |
| Dr. Savyasaachi Battacharya | 18, Aswini Cutt Road, Kolkatta- 70029 |
| Mr. P.T. Krishnan | 1 Second Street Wallace Garden Chennai – 60006, India |

STUDIO PROJECT

II SEMESTER, STUDIO PROJECT, KHAJURAHO (1st April – May, 2012)

Khajuraho –Integrating local values, local communities, local economy and local heritage resources within world heritage management

Khajuraho World Heritage Site is situated in Madhya Pradesh, Chattarpur district is a large and complex and closely connected to the settlements around both in the past and the present. The living dimension of the standing historical .traditional architecture of villages and towns of the Chattarpur principality, surround the silent world of the Chandelas. Apart from the temples other heritage components include water network systems, mounds, enclosed 18th century gardens termed as lost gardens, urban and rural traditional housing expand the heritage definition of the WHS.

The World Heritage Convention '72 requires the preparation of a site management plan. This studio challenge which gives the impetus to revisit the Khajuraho World Heritage Site and examine it from within the parameters of heritage studies that lead to quality actions. This studio project will re-examine the research and various efforts made for this WHS with the aim to rationalize conservation and development that integrates local communities with international conventions. The main thrust of the semester focused on the unprotected heritage both tangible and intangible called local assets that contribute to the outstanding universal values and significance. This resulted in recommendations for the upkeep of the village housing, water systems, agriculture and economy.

SEMESTER I (July – Dec 2011)

Project Theme: DELHI WORLD HERITAGE CITY

Focus: *Conserving the fabric and memory, of the galis and havelis in the Mohalla where the poet Ghalib lived*

Delhi as a historic city has been compared by many to Rome which is a World Heritage City. The recent attempts to fast-track Delhi's status to a World Heritage City, from that of a Global City, are well known. Thus, the overall aim of the first Studio project is to introduce historic Delhi- a city steeped in history and living heritage, and explore the questions of the true nature and significance of her cultural/ heritage resources. There are many complexities and challenges. There is also a need of inputs from specialised disciplines. The studio subsequently, attempts to develop a systematic, integrated and sensitive approach in generating a 'right-track' strategy for safeguarding these resources.

Delhi is a city that has witnessed many empires, capitals and events resulting in a complex cultural matrix. The layered history brings the living dimension of communities and cultural diversity over its long evolution. The archaeological and architectural remains left behind by the diverse inhabitants who once lived, give the city her significance which the students will examine and 'rediscover' for themselves.

Historic Delhi has been a city of emperors, sultans, warriors and builders. It has also been a city of saints, poets, artists, craftsmen and musicians; all have contributed to her cultural significance. From time to time, it was a city visited, made home and written about by many. This studio will focus on the 19th century Old Delhi (one particular period in the evolution of present Delhi) and

zoom on the poet Mirza Asadullah Baig Khan who lived in the times of Mughal ruler Bahadur Shah Zafar II. Born in Agra, and settled in the 19th C Delhi- the imperial capital, Mirza would soon become famous by his pen-name Ghalib. Equally popular in the lanes of Shahjahanabad and the Mughal Palace, he has been a household name since. A very important, famous and fascinating person- the poet died in Delhi.

PART I (4 weeks): Understanding Delhi as a World Heritage City

The first part of the studio project will focus on definition of heritage from the perspective of the architectural and historic city conservator; to include the various heritage components in a city, that add to its cultural values, outside its protection status or ownership. Delhi as any outstanding historic living, changing, accommodating diversity in communities, understanding this complexity is another challenge in the area of urbanism. Delhi is well known as the most important capital city of the Mughal Dynasty. It is interwoven with the rise and fall of the Mughals from the first days in 1526 A.D. to 1858 A.D, when the Last Mughal Emperor, Bahadur Shah Zafar II was deported to Rangoon. However, to be able to understand this period and its people, it is important to understand Delhi as it had existed at that historic time- its geography, its extents, the people who had ruled it before, the movements and the spatial networks, various habitations and settlements, and the kind of structures they built. What did they look like? What were they built of? Where and Why were they built? You will be amazed to see that in her surviving cities and architecture, there comes alive an almost complete picture of historic Delhi and a future World Heritage city.

PART II (4 weeks): Establishing 19th C Shahjahanabad as the Context

Having understood the different layers of Historic Delhi, Late Mughal Delhi will become the subject of your context study, as Ghalib lived here. Besides understanding the 19th C city in detail, you have to explore the city and its relationship with the interesting and influential personalities who lived then. Ghalib witnessed the cusp of an important period. He saw the fading grandeur of the Mughal empire, as well as he survived the uprising of 1857, after which the political control was transferred from the British East India Company to the British crown and Delhi lost its status and glory. In this turbulent period, he saw the city being ravaged- the bazaars he was once too familiar with – Khas Bazaar, Urdu Bazaar, Kharam-ka Bazaar, disappear. Whole mohallas (localities) and katras (lanes) disappear. Many havelis (mansions) were razed to the ground. Ghalib's writings have become an important source of historical information on the changes that the Delhi was going through including transformations in the landscape and urban spaces. Moved, he wrote:

“An ocean of blood churns around me-
Alas! Were these all!
The future will show
What more remains for me to see”.

Many stories emerge by the way of urban geography and built structures. These are tangible evidences of celebrated associations and reinforce the lived memories of Delhi and its historical personalities. To communicate this, you will have to make your own maps, drawings and do research. Remember literature survey and research is an ongoing process.

PART III (4 weeks): Focus on Gali Qasim Jaan and Ballimaran-Project Identification, Documentation and Analysis

Having established the 19th C Delhi as the context, you now need to focus on the places associated with Ghalib. His haveli in Ballimaran is in a dilapidated state and his tomb close to the famous Nizamuddin Dargah, has recently been restored. But there will be many more places you will have discovered. This could be a haveli, an open space, a tomb, or even a neighbourhood. The values and relevance of these should have become known to you in part II. However, considering these in mind, Part III will require you to prepare documentation of all the heritage components (which may include sites/structures/neighbourhoods) related to your famous personality, in this case, Ghalib. Documentation involves architectural drawings, inventories, photographs, 3-D views, etc., supported by archival material and literature surveys. The exercise will also involve understanding and mapping the transformation the structures/sites would have undergone in different periods. Includes Detailed Condition Mapping.

Part IV: Detailed Conservation Project

Frame a technical project for conservation intervention, repair & restoration, and interpretation. Detail it out. Model compulsory.

IIIrd SEMESTER, STUDIO (July-December 2011)

SUSTAINABLE HERITAGE MANAGEMENT PLAN FOR THE CULTURAL LANDSCAPE OF DIU, UNION TERRITORY OF DAMAN & DIU

Introduction & Project Context

The formation, transformation, conservation and sustainable development of the multi-layered Coastal cultural landscapes, maritime and marine seascapes associated with settlements along the Historic maritime cultural routes is an important and relatively less explored aspect of cultural Landscapes in the context of India, with its 5700 km long coasting (on the mainland) and a more than 2000 year long history of maritime trade.

These coastal cultural landscapes have generally been regarded as the outcome of complex

Historical and socio-cultural processes and changing approaches to the nurturing and utilization Of the extremely diverse natural resource base over a period of more than two thousand years Cultural landscapes, considered to 'embrace a diversity of manifestation of the interaction Between humankind and its natural environment' are defined 'as cultural properties illustrative The evolution of human society and settlement over time, under the influence of the physical Constraints and/or opportunities presented by their natural environment and of successive social economic and cultural forces, both external and internal'. Cultural landscapes are a significant cultural resource, including built, natural and intangible heritage components and are considered to often reflect specific techniques of sustainable land use, considering the characteristics and limits of the natural environment they are established in, and a specific spiritual relation to nature'. The Island of Diu, separated from the southern tip of the Saurashtra peninsula of Gujarat by a Narrow channel, on the periphery of the Kathiawad cultural region, has been identified as a significant cultural landscape on the Gulf of Cambay. Diu, with its historic fortresses, walled port town, and mainland enclaves constituted an important component of the maritime trade networks of the Arabs, Gujarat Sultanate & Portuguese from the 14th to the 16th centuries.

Virtually controlling the shipping routes in the northern part of the Arabian Sea till silting up of the Head of the Cambay Gulf, and raids in 1670 made Surat the trade centre of the area.

The distinctive coastal cultural landscape of the area is today characterized by numerous sites of Outstanding significance such as the rock cut cave temples, an outlying island fort, chapel and Lighthouse known as 'Panikotha' or 'Fortim du Mar', ports and archaeological site of fortresses Associated with the Rajputs, Gujarat Sultanate and the Portuguese, the site of famous sea battles The architectural heritage and settlement pattern of the historic walled town of Die protected by fort on a rock promontory and associated historic fishing villages; as well as the groves and shrine associated with significant ritualistic practices, intangible heritage and the Siddis of the area.

The Coastal Cultural Landscape of this area, (a comparatively small island comprising seashore, limestone cliffs, deep harbours to the west and a shallow channel and wetlands to the north, as Well as Hoka palm vegetation and numerous beaches), has been substantially modulated, modified & transformed from the 14th century onwards. Today, the coastal cultural landscape of this area, including the historic walled town of Diu comes under the purview of the Coastal

Regulation Zone Notification of 1991 with regard to the conservation and management of coastal Resources.

Learning Objective

Within the overall objective of developing a sustainable approach to the conservation,

Management and development of Coastal Cultural Landscapes, the IIIrd Semester Conservation Studio projects focused on definition and management of the Cultural Landscape of Diu island And its mainland enclaves of Goghia and —and will introduce students to:

- Specific research methods and multi-disciplinary techniques required for complex issues Associated with conservation and sustainable management of cultural Landscapes within a coastal area.
- Methodologies for identification, demarcation and delineation of the significant cultural Landscape on the basis of an inventorisation and compilation of a database of cultural heritage as well as natural resources
- exploration of participatory resource mapping techniques and an understanding of the specific eco-system characteristics and dynamics of the area.
- Techniques for identifying and interpreting the character defining features, intangible values and significance of cultural landscape of diverse character and complexity.
- Understanding of development trends and analysis of their impact on the Coastal cultural Landscapes associated with this and similar sites.

Aspects which will be explored included procedures for sustainable integration of the 'Decentralised people's plans' under the 73rd & 74th amendment, the concept of 'rural Heritage', and programmes for coastal development, sustainable livelihoods and eco-tourism Into the conservation management and development planning process.

The students will develop a Heritage Management Plan for the coastal resources of the Diu Cultural landscape, which will include the integration of a process for heritage impact Assessment

within the overall conservation management and development framework for the area.

Project Outputs & Procedures:

Students will learn skills and techniques which will enable them to contribute to the integration of heritage conservation within overall development planning for coastal cultural landscapes. The tangible outputs will include:

- Preparation of a Cultural Landscape Report which includes historic analysis and statement of significance of selected sections of the cultural Landscapes.
- Cultural Heritage information system including inventories and documentation of existing natural and cultural resources of the Cultural Landscape within the defined area in Diu. Island mainland.

II SEMESTER, STUDIO (1st January -31st March, 2012)

HISTORIC SETTLEMENT OF WAI An urban conservation strategy

Contemporary urban planning in its increasing emphasis on developing 'new' areas and in adopting the 'Master Plan' approach has more often than not completely overlooked and bypassed the indigenous principles of planning and architecture inherent in historic town and cities. The models of planning with a legacy of undermining traditional urbanism has led to both the conscious destruction of historic urban fabric and often, through sheer neglect reduced historic settlements to slums defying the basic standards of human living.

Historic built environments, which through centuries and generation were nurtured and had sustained a quality of life more wholesome than that provided but more contemporary planning, are today considered a burden and a liability to be got rid off, rather than conserved as an asset for the future. However, even while lamenting this population continues to live in historic towns and cities. And it is true that, even in their neglect, these historic settlements continue to foster a vibrancy, vitality and energy lacking in most 'new' developments, qualities which are often camouflaged by the more visible squalor in many of these historic environs. It is these values and principles of planning, inherent in historic settlements, that have to be retrieved and conserved not simply because they represent heritage, but more importantly because they are worth emulating in new developments. The historic settlements of Wai provides us with one such opportunity to not only understand and conserve for the future the heritage it contains, but also help in proving that in today's world, urban conservation can successfully be seen as an alternate model of development.

Wai, a rapidly growing town in south Maharashtra, with a population of over 40,000 people, is a historic settlement with a rich history. As a settlement it reached its pinnacle in the eighteenth century under the Peshwa rule. Known as Dakshin Kashi, it was both an administrative and pilgrim centre, and developed an urban morphology complete with ghats, temples, wadas, peths, traditional bazaars, gardens, distinctive street layouts and open space systems. Sited on the banks of the river Krishna, this morphology even today reflects a synthesis of, in one form or the other, of the culture, the climate and geography of the region. The traditional vernacular built environment in its entirety represents over three hundred years of experimentation with forms and materials to achieve an order that was sound spatially, climatically and socially leading to a very

cohesive and coherent physical and social structure. It is largely because of these heritage components, both tangible and intangible, well conserved within the urban structure, that Wai still retains its very vibrant and strong visual character as a historic settlement.

The studio project while focusing on the historic settlement of Wai, will zoom in on the various heritage areas within the confines of the larger settlement. The project will seek to understand the patterns and agents of transformation in a historic settlement with a view to frame a strategy for its conservation. The proposals that follow, in the real spirit of urban conservations, will aim at not just conserving the built heritage but through conservation oriented development, improve the quality of life of the people residing in the area.

DEPARTMENT OF BUILDING ENGINEERING AND MANAGEMENT

COURSE OF STUDIES

Post Graduate Level

Master's Degree in Building Engineering and Management

Doctoral Level

Ph.D. in Building Engineering and Management

FACULTY

Head of the Department

Prof. Y.K. Jain, B.E. (Civil), M.E.(Structures), F.I.E. (India)

Professors

V. Thiruvengadam, Ph.D (Structural Engg.)

Virendra Kumar Paul, B. Arch. M.B.E.M., Ph.D

Lecturer

Ms. Renuka V. Bhoge, B. Arch. M.B.E.M. IGBC AP, GRIHA Trainer

TEACHING WORK UNDERTAKEN BY THE FACULTY

For the Department

| Name | Subject | Class |
|------------------|---------------------------------------|----------|
| Prof. Y.K. Jain | Construction Technology | I- Sem |
| | Project Seminar-II | II- Sem |
| | Structure System and Design Process | III- Sem |
| | Project Management-II | II- Sem |
| | Thesis | IV-Sem |
| V. Thriuvengadam | Construction Technology | I-Sem |
| | Project Management-I | I-Sem |
| | Project Seminar-II | III-Sem |
| | Project Finance Management | III-Sem |
| Virendra K. Paul | Building Services | I-Sem |
| | Project Management-I | I-Sem |
| | Functional Performance of Building(s) | I-Sem |
| | Project Seminar-II | III-Sem |
| | Project Management-III | III-Sem |
| | Project Seminar-I | II-Sem |
| | Project Management-II | II-Sem |

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|---------------------------|--------|
| Quality Management System | IV-Sem |
| Thesis | IV-Sem |

Renuka V.Bhoge

| | |
|---|---------|
| Construction Technology | I-Sem |
| Information Technology in Construction | I-Sem |
| Bridge Course & Research Methodology | I-Sem |
| Project Management –I | I-Sem |
| Functional Performance of Buildings | I-Sem |
| Human Resource Management | III-Sem |
| Project Seminar-II | III-Sem |
| Project Management-III | III-Sem |
| New Building Materials and Specifications | II-Sem |
| Building & Infrastructure Services | II-Sem |
| Project Management II | II-Sem |
| Project Seminar I | II-Sem |
| Thesis | IV-Sem |

SPECIAL ACADEMIC ACTIVITIES OF THE DEPARTMENT

GOLD MEDAL FOR BEST TOP SCORER STUDENT OF MBEM 2010-12 was awarded to Ms. Vidhya R.

INSTITUTION OF “PROF. T.J. MANICKAM GOLD MEDAL FOR BEST THESIS”

Some of the Alumni of the Department contributed towards an endowment fund of Rs. One Lac for the award of Gold Medal in the name of Founder Head of the Department and former Director of the School, Prof. S. K. Narayana. **“PROF. T.J. MANICKAM GOLD MEDAL FOR BEST THESIS”** was instituted from the year 2011, to be awarded in the Annual Convocation to the post graduate student of the Department of Building Engineering and Management who scores highest marks in the Thesis. First Gold Medal was awarded to **Ms. Sharmila Chatterjee**

SPECIAL LECTURES DELIVERED BY THE FACULTY

Virendra Kumar Paul

1. Speaker at S&T for Homeland Security 2011, ‘Safe and Secure Cities’, 28-29 July 2011
2. Special Lecture on ‘Project Risk and Project Procurement Management’ at Bajaj Management School, Greater Noida in August 2011
3. Lecture on ‘Water Efficiency in Buildings’ at Centre for Science and Environment on 25th August 2011
4. Invited to deliver special lectures on “Earthquake Disaster Risk Mitigation: Role of Architects and Project Managers” “Quality Systems Approach to Earthquake Risk Management in Building Design” and ‘Challenges in Contemporary Architecture’ at Manipal School of Architecture during 14-15 December 2011.

5. Delivered Key note address on ‘Challenges in Architecture’ at National Conference organized by Manipal School of Planning and Architecture, Manipal on 15th December 2011.
6. Delivers a special lecture on “Security of Vulnerable People Through Effective Design and Technology Interface” during seminar on “Effective Security Design” organized by ASIS International New Delhi India Chapter # 207 on 19th January 2012.
7. Delivered a special lecture on “NBC Part 11: Appraisal of Approach to Sustainability” to engineers and architects of CPWD at Centre for Science and Environment on 21st February 2012.

PARTICIPATION IN SEMINARS/WORKSHOPS/SHORT TERM COURSES ETC.

| | |
|-----------------|--|
| Prof. Y.K. Jain | <p>Chairperson Technical Session – Energy Efficient Design Principles National Conference at ‘Energy Efficient Design of Buildings – Seeking Cost Effective Solutions’ on 6th February, 2012 at D.C.R.U. S.T., Murthal</p> <p>Conference on ‘Sustainability in Public works’ from 25th June, 2012 to 27th June, 2012, Pittsburgh, PA, USA.</p> |
| Renuka V. Bhoge | <p>International Conference on Frontier of Infrastructure Finance (ICFIF-2011), from 28th December to 30th December, 2011 at IIT Kharagpur.</p> <p>Indian Buildings Congress, 17th Annual Convention and Seminar on Modern Construction Materials For Building Industry from 20th October, 2012 to 22nd October, 2011 at New Delhi.</p> |

SEMINARS / WORKSHOPS / QIPs CONDUCTED

| | |
|-----------------|--|
| Renuka V. Bhoge | <p>Training Programme for “GRIHA: Green Rating for Integrated Habitat Assessment” from 5th to 7th March, 2012 at New Delhi.</p> <p>Research Methodology: Tools and Techniques” organized by the Department of Management Studies, Indian Institute of Technology Roorkee, from 12th December, 2011 to 16th December, 2011.</p> |
|-----------------|--|

MEMBERSHIP OF PROFESSIONAL BODIES/BOARDS.

| Name | Membership |
|-----------------------|--|
| Prof. Y.K. Jain | <p>Fellow, Institution of Engineers (India), Kolkata Member, American Concrete Institute (A.C.I.)</p> |
| Prof. (Dr.) V.K. Paul | <p>Member, 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</p> |

MEMBERSHIP OF PROFESSIONAL COMMITTEES ETC.

| Name | Membership |
|-------------------|---|
| Y.K. Jain | <ol style="list-style-type: none">1. Panel Member for CED 58 for “Development of standards in the area of Sustainability in Building Construction”.2. Member of UGC Expert Committee in Civil Engineering and Architecture for Special Assistance Programme to selected departments in universities |
| Virendra Kr. Paul | <ol style="list-style-type: none">1. Invited to conduct Fire Safety Audit of Rashtrapati Bhawan2. Invited to be working Committee Member of FSAI Delhi3. Member, Screening Committee for National Award for the Welfare of Persons with Disabilities for the year 20114. Appointed to the Bureau of Indian Standards as Panel Member for CED 46:P19 to add a Chapter in the National Building Code of India on “Approach to Sustainability”5. Appointed to the Bureau of Indian Standards (BIS) as Panel Member for “Indian Standard Guidelines for Construction Project Management (CED 29/P1)”6. Appointed to the Bureau of Indian Standards (BIS) Convenor of Working Gro up for Safety Management (CED 29/P1/WG 4) and member Quality Management (CED 29/P1/WG 3)7. Invited as Jury Member for selection of Architects for various projects by Delhi State Industrial Development Corporation |

PROFESSIONAL INSTITUTIONAL CONSULTANCY UNDERTAKEN BY THE FACULTY

| | |
|-----------------|--|
| Prof. Y.K. Jain | Proposed Remodeling & Reconstruction of various drains in Delhi Cantonment Area Delhi Cantt, for Delhi Cantt. Board. |
| Prof. V.K. Paul | Co-investigator of the UKERI 20111 project, “Evaluation of Emerging Industrialized Housing Technologies and Systems for Affordable and Sustainable Housing Stock in India and the UK”. Lead institution of the Project is IIT, Delhi along with University of Salford (UK) and industry partners |

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY

| | | |
|---------------------|---|------------------|
| P.C. Jain | Building Services | I-Sem |
| J.C. Wason | Construction Technology | I-Sem |
| Deepti Gupta | Information Technology | I-Sem |
| | Project Management-I | I-Sem |
| | Functional Performance of Building(s) | I-Sem |
| | Real Estate Management | III-Sem |
| | Project Seminar-II | III-Sem |
| | Project Seminar-I | II-Sem |
| | Information Technology in Construction II | II-Sem |
| P.R. Lakshmikanthan | Quantitative Techniques | I-Sem |
| | System Analysis and Operations Research | II-Sem |
| Alok Kumar | Information Technology | I-Sem |
| | Project Management-I | I-Sem |
| | Human Resource Management | III-Sem |
| | Real Estate Management | III-Sem |
| | Project Seminar-II | III-Sem |
| | Information Technology in Construction II | II-Sem |
| | Professional Practice Thesis | IV-Sem IV-Sem |
| Shruti Goel | Building Services | I-Sem |
| | Functional Performance of Building(s) | I-Sem |
| | Building and Infrastructure Services | II-Sem |
| Vikram Kumar | Information Technology | I-Sem |
| | Project Management-I | I-Sem |
| | Human Resource Management | III-Sem |
| | Project Seminar-II | III-Sem |
| | Real Estate Management | III-Sem |
| Uday Kant Misra | Project Management-I | I-Sem |
| | Project Management-III | III-Sem |
| Vivekanand Vivek | Construction Technology | I-Sem |
| | Structure System and Design Process | II-Sem |
| V. Paul C.C. | Information Technology | I-Sem |
| | Functional Performance of Building(s) | I-Sem |
| | Bridge Course & Research Methodology | I-Sem |
| | Real Estate Management | III-Sem |
| | Project Management-III | III-Sem |
| | New Building Materials and Specifications | II-Sem |

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| | Information Technology in Construction II | II-Sem |
| | Project Management -II | II-Sem |
| Sandeep Roy | Project Management-I | I-Sem |
| | Project Seminar-II | III-Sem |
| | Project Management-II | II-Sem |
| | Thesis | IV-Sem |
| Nishant Gupta | Building Services | I-Sem |
| | Building and Infrastructure Services | II- Sem |
| Yogesh Tyagi | Real Estate Management | III-Sem |
| | Project Seminar-II | III-Sem |
| | Project Finance Management | III-Sem |
| | Thesis | IV-Sem |
| | Quality Management System | IV-Sem |
| | Project Seminar-I | II-Sem |
| | Thesis | IV-Sem |
| | Quality Management System | IV-Sem |
| Sameer Divekar | Functional Performance of Building | I-Sem |
| Manish Jain | Project Seminar-I | II-Sem |
| | Thesis | IV-Sem |
| R. Ramaswamy | Project Finance Management | III-Sem |
| V. D. Dewan | Laws and Regulations in Construction Industry | III-Sem |
| | Project Finance Management | III-Sem |
| | Project seminar I | II-Sem |
| | Thesis | IV-Sem |
| Sunil Kumar | Human Resource Management | III Sem |
| P. Krishnan | Project Management-III | III-Sem |
| Chandra Pal | Project Management-III | III-Sem |
| | Project Management-II | II-Sem |
| Ashish Rakheja | Electives (Building Automation System) | IV-Sem |
| Pradeep Aggarwal | Thesis (BEM 25) | IV-Sem |
| J. Burman Roy | New Building Materials and Specifications | II-Sem |
| Marisha Sharma | Electives (Building Automation System) | IV-Sem |
| Wills Thomas | Professional Practice | IV-Sem |
| Bharti Sharma | Human Resource Management | III-Sem |

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|-------------------|--|------------------|
| Madhavi Bal | Laws and Regulations in Construction Industry | III-Sem |
| Sunil Bery | Project Finance Management | III-Sem |
| Mona Chandra | New Building Materials and Specifications Buildings and Infrastructure Services | II-Sem II-Sem |
| Shruti Maheshwari | Project Management II | II-Sem |
| Jag Mohan Lal | Project Management II | II-Sem |
| Hiren Patel | Project Management II Project Seminar II | II-Sem II-Sem |
| A.K. Mittal | Structure System and Design Process | II-Sem |
| Kuldip Chander | Project Seminar-I Thesis | II-Sem IV-Sem |
| Chitra Jian | Project Seminar-I | II-Sem |
| V.Thiruvengadam | Thesis | IV-Sem |
| Gaurav Jain | Professional Practice Thesis | IV-Sem IV-Sem |

STUDIO/FIELD/LABORATORY ASSIGNMENTS

CONSTRUCTION TECHNOLOGY (1st Semester)

The studio covers a number of case studies of real life projects covering the aspects of geo-technical investigations, interpretation of soil reports, foundation systems, basement structures, special foundation techniques, prefabrication technology, and steel structure

SYSTEM ANALYSIS AND OPERATION RESEARCH

The aim of the studio programme is to relate various systems and operations research techniques to the specific managerial decisions in building design and construction techniques, option between in-situ and prefabrication, construction technique options are some of the problems which students undertake as group work.

FUNCTIONAL EFFICIENCY OF BUILDINGS (1st Semester)

The aim of the studio programme is to demonstrate practical aspects of thermal, lighting and noise performance in buildings. Emphasis is given from the point of view of project management function, especially in the pre-construction phase of design development. With the help of problems from live case studies the theoretical inputs in lecture classes are validated.

PROJECT MANAGEMENT - I (1st Semester)

The objective of the Project Management -1 is to prepare a "Project Implementation Approach"

based on a defined methodology. The above approach is evolved based on project constraints, location, labour and material resource characteristics, and mechanized component, cost and time constraints.

The studio involves nine stages and two time problems culminating in the generation of strategic work, breakdown concept, detailed project time schedule, case flow and leveled resource deployment.

PROJECT MANAGEMENT – II (IInd Semester)

The objective of the Project Management-II studio is to prepare “Contract Documents” for a building project based on a systematic approach. The approach involves.

1. Justifying an appropriate contracting system.
2. Framing contract conditions based on project characteristics.
3. Writing specifications of work after study of codes and standards.

The contract documents are prepared for civil and engineering services work packages.

PROJECT MANAGEMENT-III (IIIrd Semester)

The objective of the Project Management –III studio is to demonstrate the principle of project monitoring cost control methods, manpower management and safety aspects of building real life projects. Specific exercise included:

- i) Study of EIA reports of projects
- ii) Study of procurement strategies
- iii) Study of contractor selection procedures by various international financial institutions.

QUALITY MANAGEMENT (IV Semester)

The objective of the Quality Management studio is to give an insight into the Quality Management System and ISO 9000-2000 requirements and develop applications relevant to planning, design and construction of buildings.

TOPICS OF SEMINAR

PROJECT SEMINAR-I (Semester-II - 10th January-29th April 2011)

| S.No | Name | Topic |
|-------------|----------------|---|
| 1 | Akshay Bobde | Contratual issues for cost over – run |
| 2 | Amardeep Kumar | Critical review of project management practices in Indian building context. |
| 3 | Ankit Arora | Delays in Construction Project |

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|----|-------------------------|--|
| 4 | Anurag Gogna | Integrated Project Delivery with BIM |
| 5 | Ashutosh Kumar | Project Evolution & Development |
| 6 | Azad Chandra Shekhar | Technological Innovation in Shadina Devices |
| 7 | Charudathan. M.B | Sustainable & Cost effective technologies in Air Conditioning |
| 8 | Jency Kuruvilla | Zero Energy Building |
| 9 | Jetaban Kachari | Planning & Design of Blast Resistant Buildings |
| 10 | Lalhriatpuia | CM / Building Practices in Hilly areas |
| 11 | M. Gowthaman | Comparison of brick & related products |
| 12 | Manish Chauhan | Valuation of real estate property |
| 13 | Md. Talha Khan | Resource leveling using genetic algorithm using MATLAB |
| 14 | Naman Yadav | Solid Waste Management |
| 15 | Nilima Rana | Human Resource Management |
| 16 | Nimesh Rajvanshi | Lean Construction |
| 17 | Nina Lazar | Reinforced Masonry For Seismic Performance |
| 18 | Parvathy U.V. | Modular Construction Technology |
| 19 | Princy Soni | Use of Waste Material in construction industry. |
| 20 | Prohash Kumar Biswas | Construction quality control and site management |
| 21 | Radhika Ghose | Design for safety during construction demolition and safety operations |
| 22 | Rashmi Sharma | NANO Technology in Construction |
| 23 | Rich Kushwha | Brown field redevelopment |
| 24 | Sayan Datta | Assessment of E.E in B.E with sustainable building mats |
| 25 | Shishupal Singh | Integrating RM & VE in Construction Projects |
| 26 | Subin Umar Rahman | Retrofitting of buildings for disaster resistance. |
| 27 | Suchet Babaria | Virtual design construction using BIM |
| 28 | Sumit Chauhan | Integrated Design Process. |
| 29 | Surabhi Kumari | Total Building Performance for Hospital |
| 30 | Tanuj Agarwal | Material Procurement Management |
| 31 | Gyanesh | Tools for programming a Construction Project (Scheduling & Monitoring techniques). |

PROJECT SEMINAR –I EXTERNAL JURY:

- | | |
|--|---|
| 1. Shri Sanjeev Jindal E6 INA Colony, New Delhi – 110023 Ph: 9811252927 sanjeev_jindal@hotmail.com | 2. Shri. Sunil Aggarwal C-50 Sector 50 Noida 201301 Ph: 9818350361 |
|--|---|

**TOPICS OF PROJECT SEMINAR II UNDERTAKEN BY STUDENTS (IIIrd SEMESTER)
Semester III July-Dec 2011**

| R.No. | Name | Title of Topic |
|--------------|-----------------------|---|
| 481 | Tanushree Das | Financial Models For Urban Infrastructure Services |
| 482 | Ishani Sarkar | Communication Management In Construction Project Management Organizations |
| 483 | Nihاسبabu Hameed | Gis Integrated Project Management |
| 484 | Smriti Mohta | Investment Appraisal For Commercial Project |
| 485 | R.Prasanna Venkatesan | Enterprise Risk Management In Pmo |
| 486 | Kriti Rajvanshi | Project Procurement Process |
| 487 | Mohd Mustafa Ali | Legal Issues In Construction Industry |
| 488 | Sankalp Sen Saxena | Sustainability Issue of Structural System and Cost Modeling of Rcc Residential Building |
| 489 | Garima Singh | An Investigation Into The Use of Solar Power For Sustainable Construction |
| 490 | Anupriya Saxena | Sustainable Procurement Process |
| 492 | Pankhuri Khetawat | Resource Management For Construction Projects |
| 493 | Arvind Kumar K. | Impact Assessment of Shading on Heating and Cooling Energy Loads of Buildings |
| 494 | Neha Goel | Fenestration Design and Daylight Assessment |
| 495 | Eshu Bansal | Cost Modeling of Infrastructure Development |
| 496 | Prakash Raja | Supply Chain Management |
| 497 | Soumya R. | Capitalization on Sustainable Building Projects |
| 498 | Aditi Verma | Project Management Capability Mapping and Competence Building |

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| 499 | Mohd. Ashraf Mohideen | Islamic Project Financing |
| 500 | Rishikant Thakre | Cost Modeling of Alternative Structural System For Office Building Including Effect of Non Structural Walls |
| 501 | J. Mahanthan Mangala | Materials Management System |
| 502 | Shashank Yadav | Sustainable Foundation Technology And Cost Modeling of Foundation System |
| 504 | Tushar Kumar | Effect of Recession on Real Estate Market |
| 505 | Tara Chand | Cradle To Cradle of Infrastructure Project |
| 506 | Saumya Garg | Optimization of Time and Cost |

PROJECT SEMINAR –II EXTERNAL JURY:

- | | |
|---|---|
| 1. Shri H.S. Dogra, Former Director General (CPWD) A-7/1, M S Flats Sector 13, R.K. Puram New Delhi-110066 TEL.: 011-24106250, 9818695335 Email: hsdogra_48@yahoo.co.in | 2. Prof. (Dr.) Chitrarekha Kabre, Professor, Deptt. of Arch. Deen bandhu Chhotu Ram Univ. of Sci. & Tech., Murthal, Sonepat -131039, (INDIA) TEL. : +91-9480485039 Email: crekha969@gmail.com |
|---|---|

TOPICS OF THESIS UNDERTAKEN BY STUDENTS (IVth SEMESTER)

Semester IV Jan-April 2011

| R.No | Name | Title of Topic |
|-------------|-----------------------|--|
| 481 | Tanushree Das | Financial Management for Infrastructure Project |
| 482 | Ishani Sarkar | Time Management |
| 483 | Nihasbabu Hameed | Six Sigma Management |
| 484 | Smriti Mohta | Modern Technologies & PM Processes for Urban Infrastructure Services. |
| 485 | R.Prasanna Venkatesan | Safety Management Practices |
| 486 | Kriti Rajvanshi | E-Procurement |
| 487 | Mohd Mustafa Ali | Adopting New Technologies for Quality Enhancement in Building Construction |
| 488 | Sankalp Sen Saxena | Pre-Engineered Buildings |
| 489 | Garima Singh | Security Management |
| 490 | Anupriya Saxena | Risk Analysis & Management Plan for Infrastructure Project |

| | | |
|-----|-----------------------|---|
| 492 | Pankhuri Khetawat | Construction Risk Analysis of Feasibility reports. |
| 493 | Arvind Kumar K. | Assets Management using life cycle cost analysis |
| 494 | Neha Goel | Working Capital Managements |
| 495 | Eshu Bansal | Industrial Infrastructure |
| 496 | Prakash Raja | Contemporary trends for high rise buildings. |
| 497 | Saumya R. | Carbon footprints and emission trading |
| 498 | Aditi Verma | Project Close Out |
| 499 | Mohd. Ashraf Mohideen | Rapid Lean Construction concepts |
| 500 | Rishikant Thakre | Comprehensive Performance Ratings of Building |
| 501 | J. Mahanthan Mangala | Organization Behavior (HR) |
| 502 | Shashank Yadav | Affordable Housing |
| 504 | Tushar Kumar | Stakeholder Management in Construction Projects |
| 505 | Tara Chand | EIA for Roads / Self Compacting Concrete |
| 506 | Saumya Garg | Comparative study of green institute in India & Internationally |

THESIS EXTERNAL JURY:

- | | |
|--|--|
| 1. Shri Sanjoy Paul Ex-Director, TCG Development India (Pvt) Ltd. Plot No.100, Ground Floor, Okhla Industrial Estate. Phase-III, New Delhi – 110020 Ph: 9810194298, 011-46084600 | 2. Prof. Anil Dewan, Professor of Architecture, Department of Architecture School of Planning & Architecture New Delhi |
|--|--|

BOARD OF STUDIES (EXTERNAL MEMBERS)

- | | |
|--|---|
| 1. Shri H.S. Dogra A7/1, M S Flats, Sector 13, R.K. Puram, New Delhi-110066, Phone No. -011-24106250 | 2. Shri V.D. Dewan BA/8C DDA Flats Munirka New Delhi-110067 Moible: 9818350361 |
| 3. Shri Sunil Aggarwal C-50, Sector 50 NOIDA – 201301 Mobile : 9810496972 | 4. Prof. (Dr.) R. Swaroop 27, Loknayak Apartments Sector 9 Rohini, New Delhi-85 |

5. Prof. (Dr.) V.B. Deshpande
D-4, Dronacharya Apartment,
Mayur Vihar Phase-I
New Delhi – 110091

DEPARTMENTAL RESEARCH COMMITTEE MEMBERS (EXTERNAL MEMBERS)

1. Prof. (Dr.) K.C. Iyer,
Department of Civil Engg.
Construction Management),
I.I.T, Delhi
2. Prof. (Dr.) Mahtab Alam,
H.O.D, Department of Civil Engineering,
Faculty of Engg., Jamila Milia Islamia
University, New Delhi

DEPARTMENT OF ENVIRONMENTAL PLANNING

COURSE OF STUDIES

Post Graduate Level

Masters Degree in Planning (with specialization in Environmental Planning)

Doctoral Level

Ph.D. in Environmental Planning

FACULTY

Professor and Head of the Department

Mahavir, B. Arch., MURP, P. G. Dip. in Remote Sensing (The Netherlands),
Ph.D. (Utrecht – ITC, The Netherlands), FITP

Professor

Shovan K. Saha, B.Arch., Dip. T. & C.P. (URP), Dr. Engg.(Kyoto, Japan)
(On lien as Director, SPA, Vijayawada, from 4th August 2009)

Meenakshi Dhote, B.Arch., M.L.A., Ph.D. (SPA)

TEACHING WORK UNDETAKEN BY FACULTY

For the Department

| Name | Subject | Class |
|--------------------|----------------------------------|--------------------|
| Dr. Mahavir | Introduction to Remote Sensing | M.PIng., I Sem. |
| | Technology for Planning | |
| | Environmental Planning and | II Sem. |
| | Design Studio (Paonta Sahib) | |
| | Environmental Planning and | III Sem. |
| | Design Studio (Puducherry) | |
| | GIS Lab | II Sem. |
| Seminar | IV Sem. | |
| Dr.Meenakshi Dhote | Environmental Planning | IV Sem. |
| | Thesis | |
| | Studio Co-ordinator | M.PIng., I Sem. |
| | Studio Guidance | IIInd & IIIrd Sem. |
| | Theory of Environmental Planning | II Sem. |
| | Environmental Protection & | III Sem. |
| | Management Techniques | |
| Seminar | IV Sem. | |
| Thesis Guidance | IV Sem. | |
| Ph.D. Guidance | | |

For Sister Department

| | | |
|-------------|---|--|
| Dr. Mahavir | Photogrammetry Techniques of Planning – II Planning Information Systems and Computer Use Ph.D. Guidance | II Sem. B. Plan. IV Sem. B. Plan. VII Sem. B. Plan. (Physical Planning) |
|-------------|---|--|

Outside the School

| Name | Subject | Institution |
|-----------------|-------------------------------------|------------------|
| Meenakshi Dhote | Ecology and Resource Development | ITPI, New Delhi |
| | Environmental Issues in Real Estate | GGIPU, New Delhi |

SEMINARS/WORKSHOPS ATTENDED BY THE FACULTY

Prof. Dr. Mahavir

1. 'Concepts of Remote Sensing'. Lecture delivered at training Programme on "GIS Based Mapping for Urban Development", organised by the Indian Institute of Public Administration (IIPA), in collaboration with the Ministry of Urban Development, Govt. of India, New Delhi, during 18-22 April, 2011.
2. 'Keeping the Geo-Information Base Small and Manageable', Lecture delivered at Short Term Training Programme for faculty and professionals on 'Remote Sensing and GIS Applications in Planning', at School of Planning and Architecture, Bhopal, during 20th-24th June 2011.
3. Delivered Special lectures to the Students and Faculty of M.Sc. Geoinformatics and P.G.B.Sc. (Applied) Remote Sensing and GIS, University of Pune, October 8, 2011.
4. 'Indian Spatial Planning', presentation made at the International Workshop and Meeting at the Ministry of Infrastructure and Environment, The Hague, The Netherlands, on November 8, 2011.
5. Made a Key Note Address at the National Workshop on 'Status and Provisions of Mixed Land Use', organised by Town and Country Planning Organisation (TCPO) and Centre for Urban Studies, Indian Institute of Public Administration (IIPA), New Delhi, February 28, 2012.
6. Participated in the ISPRS WG VI/4-ISRS International Workshop on "Multinational Geomatics Capacity Building – Achievements and Challenges", organized at Indian Institute of Remote Sensing (IIRS), Dehradun during April 7-8, 2011.
7. Participated at the Meet of GIS Experts, organised by the Human Settlements Management Institute (HSMI) of HUDCO, New Delhi, October 17, 2011.
8. Participated in the International Workshop and Meetings on 'Delhi Vision 2050' at the VenhoevenCS, Amsterdam, together with Ministry of Infrastructure and Environment, TNO, etc., including visits to Utrecht, Delft, The Hague and Almere, the Netherlands during November 7-11, 2011.

9. Participated in the 'India Urban Conference', organised primarily by JANAGRAHA, at Mysore, during November 17-20, 2011.
10. Participated in the presentation and discussions on "Designing Sustainable and Smart Cities: Global Trends and Indian Perspective" organised by Autodesk and Indian Infrastructure on January 11, 2012, New Delhi.
11. Participated in the International Workshop on 'Delhi Vision 2050' organised by archi, together with VenhoevenCS, Amsterdam, and Ministry of Infrastructure and Environment, The Netherlands, etc., during January 30 – February 3, 2012, at New Delhi.
12. Participated in the National Workshop on 'Alternatives to Master Plan Approach', organised by the School of Planning and Architecture, New Delhi in collaboration with the TCPO, Ministry of Urban Development, New Delhi, March 16, 2012.

Prof. Dr. Meenakshi Dhoté

1. Participated in "Introduction to training courses on climate change adaptation and climate change in cities" on 10 May 2011 at Delhi; organized by Natural Resources Management Programme Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
2. Participated in meeting of Sub-Committee on Sustainable Habitat Parameters for Urban Planning under National Mission on Climate Change at TCPO New Delhi, 11th July 2011
3. Participated in National Seminar on Design and Planning of Sustainable Habitat, from July 15th -16th, 2011; organized by IDRC and CRDI at HUDCO, New Delhi
4. Presented paper in International Seminar on Global Environment and Disaster Management, Law and Society; from 22 to 24th July 2011; organized by The Indian Law Institute,. Title Of Paper: Environmental Management Measures for Tsunami-Affected Areas Of Cuddalore District, Tamil Nadu, India: Reconstruction, Resettlement And Future Community Resilience
5. Presented paper in Seminar on Greening of Urban Areas; from 8-10th December 2011; organized by AMDA; Title Of Paper: 'Conservation of Urban Biodiversity'
6. Participated and presented paper the 'India Urban Conference', organised primarily by JANAGRAHA, at Mysore, during November 17-20, 2011. Title Of Paper: "Sustaining Urban Greens"
7. Presented paper in Orientation workshop on "Zoo Designing and Landscape Architecture" for the Zoo Engineers, Zoo Architects and Zoo Consultant/Entrepreneur from 24th to 26th February' 2012. TITLE OF PAPER: "Biodiversity and Landscape Architecture: Role Played in Zoo Designing".
8. Presented paper in International Conference on Urban Green Spaces, 5- 7th March 2012, SUB – THEME: Urban Green Space Management "Addressing Professional Training and Capacity Gaps", Title Of Paper: Management of Greens in Delhi.

PUBLICATIONS BY THE FACULTY

Prof. Dr. Mahavir

1. 'Fringe: A Concept in Our Minds, Not a Ground Reality', Chapter contributed in Patra, Punyatoya (ed.), Fringe Dynamism in Delhi Metropolitan City, Globe Publishing, Ghaziabad, 2011.
2. 'A Geo-Spatial Approach to Urban Development', Coordinates, Vol. VII, Issue 4, April 2011 (ISSN 0973-2136).

Prof. Dr. Meenakshi Dhote

1. Mathematical Modeling of Environmental Optimization of Urban Green Systems: With an Emphasis on Biodiversity and Environmental Conservation; joint paper with Kalpana Khurana; Proceedings of the International Conference on Soft Computing for Problem Solving (SocProS 2011) December 20-22, 2011, Advances in Intelligent and Soft Computing, 2012, Volume 130/2012, 867-879, DOI: 10.1007/978-81-322-0487-9_82, Springerlink. 2012.

SEMINARS ORGANIZED BY THE DEPARTMENT

Workshop on Human Settlements' Response to Climate Change

22nd March 2012

The sessions of the workshop discussed some of the threats being faced by human settlements due to climate change and approaches to address them through spatial planning tools. . The workshop brought together academicians, scientists, planning practitioners, professionals and students to deliberate on how the Department can better address climate change mitigation and adaptation by initiating focused research in this area and by incorporating climate conscious planning as an integral part of its curricula.

MEMBERSHIP OF PROFESSIONAL BODIES/ BOARDS/ COMMITTEES, ETC.

Prof. Dr. Mahavir

1. Registered with the Council of Architecture, New Delhi
2. Fellow of the Institute of Town Planners, India, New Delhi
3. Life Member, Indian Institute of Public Administration, New Delhi
4. Founder Member, SPA Alumni, School of Planning and Architecture, New Delhi.
5. Life Member, Indian Society for Remote Sensing, Dehradun.
- 6.. Member, Board of Studies, Faculty of Planning, School of Planning and Architecture, Bhopal.
7. Member, Board of Studies, Faculty of Planning, School of Planning and Architecture, Vijayawada.
8. Member – Editorial Board, Spatio-Economic Development Record (SDR), New Delhi.

9. Member, Technical Advisory Committee - National Urban Information Systems (NUIS) Scheme, Ministry of Urban Development, Government of India, New Delhi.
10. Member, Selection Committee for Technical Positions, NCR Planning Board, New Delhi.
11. Member, Selection Committee for Landscape Architects and Environmental Planner, Government of NCT, Delhi.

Prof. Dr. Meenakshi Dhoté

1. Registered with the Council of Architecture, New Delhi
2. Founder Member, SPA Alumni, School of Planning and Architecture, New Delhi.
3. Member, Sub-Committee on Sustainable Habitat Parameters for Urban Planning under National Mission on Climate Change, TCPO, New Delhi.

PROFESSIONAL CONSULTANCY PROJECTS UNDERTAKEN BY FACULTY

Prof. Dr. Mahavir

1. Coordinator, Institutional Consultancy Project on Planning for the Townships for Lucknow Industrial Area Development Authority (LIDA) (on-going).

Prof. Dr. Meenakshi Dhoté

1. Coordinator, Institutional Consultancy Project on Zonal Master Plan for Mount Abu Eco-Sensitive Zone for urban Development and Housing Department, Government of Rajasthan (on-going).

AWARDS WON BY FACULTY

Special Prize under the तकनीकी पाठ्यपुस्तक पुरस्कार योजना 2010 by the All India Council for Technical Education (AICTE), awarded to the School for Compilation and Editing of 'शोधान्जलि' (*Shodhanjali*), (ed. – Jt.), abstracts of theses submitted in SPA, New Delhi.

AWARDS WON BY STUDENTS

Ms Neha Goel Tripathi (Ph. D. Scholar); Certificate and cash award for best student paper in Paper Presentation Competition organized by HUDCO on the occasion of World Habitat Day celebrations on 3rd October 2011 **“Cities and Climate Change - Indian Cities Perspectives”**

Ms Kalpana Khurana (Ph. D. Scholar); Certificate for Best Student paper in International Conference On Soft Computing for Problem Solving (SocProS 2011) December 20-22,, 2011, Department of Mathematics, IIT Roorkee. **“Mathematical Modelling Of Environmental Optimisation of Urban Green Systems: With An Emphasis On Biodiversity And Environmental Conservation”**

Ms Priyanka Ashok Kinikar (M. Planning Student, session 2009-2011); Prof. V.N. Prasad National Best Thesis award, First Prize, awarded by Institute of Town Planners, India for the

Thesis entitled **Low Carbon Cities, Case Study Pune.**

Ph.D. AWARDED – August 2011

Ms. Anjali Krishan Sharma “Sustainability of Living Historic Cities” – Case Study: Jaipur” **Guide:**
Prof. (Dr.) Shovan K. Saha

SPECIAL LECTURES ORGANISED BY THE DEPARTMENT

- 1. UNESCO/UN-HABITAT Toolkit Historic Districts for All – India : A Social and Human Approach for Sustainable Revitalisation, by Ms Marina Faetanini and Shipra Narang Suri, UNESCO, Delhi**
- 2. Climate Resilient Industrial Development, by Shri Ashwani Kumar, Associate Professor, Faculty of Planning and Public Policy, CEPT University, Ahmedabad**
- 3. Human Values and Professional Ethics in Planning, by Shri S.C. Aggarwal, Former Superintending Engineer, DDA, New Delhi**

TEACHING WORK UNDERTAKEN BY VISITING FACULTY/SPECIAL LECTURES ARRANGED

| Name of the Visiting Faculty | Subject |
|---|--|
| Professor A.K. Maitra, Visiting Professor N 3- D, Saket (DDA/SFS) New Delhi-110017 | Theory of Environmental Design Advanced EIA Techniques Environmental Planning and Design Studio Environmental Planning and Design Thesis |
| Smt. Anita Matange Landscape Architect A-99, Swasthya Vihar Delhi- 92. | Theory of Environmental Planning Theory of Environmental Design Environmental Planning and Design Studio Environmental Planning and Design Thesis |
| Ms. Neha Goel Tripathi Mayur Vinhar Phase II Delhi | Environmental Impact Assessment Environmental Planning and Design Studio Environmental Planning and Design Thesis |
| Shri S.C. Gupta Planner B 186, Sector 44 Noida 201303 | Planning Legislation |
| Dr. S.C. Roy Addl. Secretary General and Treasurer AIHDA, Core 4-A, 5 th Floor Indian Habitat Centre, Lodhi Road, New Delhi-110003 | Formulation, financing and Management of Environmental Projects. |

| | |
|---|--|
| Ms. Prabh Bedi 405 Sheeba Apartments Plot GH-1, Sector 28, Gurgaon 120002, Haryana. | GIS Laboratory (IIIrd Semester) |
| Shri. Mohnis Khan TCPO, New Delhi. | GIS Laboratory (IIInd Semester) |
| Dr. R.B. Singh Department of Geography Delhi School of Economics Delhi University, Delhi | Environmental Planning and Design Thesis |
| Dr. P.K. Behra Central Pollution Control Board Parivesh Bhavan East Arjun Naga, Delhi-94 | Environmental Monitoring and Laboratory (Theory and Laboratory) |
| Dr. S.K.Saha Central Pollution Control Board Parivesh Bhavan East Arjun Nagar, Delhi-94 | Environmental Monitoring and Laboratory (Theory and Laboratory) |
| Shri Ishwar Singh Director Ministry of Environment and Forests, CGO Complex, Lodhi Road, New Delhi-110003 | Environmental Legislation |
| Dr. A.K. Bhattacharya Retired Professor (School of Environmental Sciences) JNU Pocket 40, House No.5 Chittranjan Park, New Delhi 19 | Environmental Planning and Design Thesis |
| Dr. S.D. Joardar Visiting Professor Department of Physical Planning | Environmental Planning and Design Thesis |
| Shri B. K. Jain Former Additional Commissioner Planning, DDA | Environmental Planning and Design Thesis |
| Shri Brij Kishore Former Advisor, UN- ESCAPB-15, Green Park Main, New Delhi | Environmental Planning and Design Thesis |

Dr. T. R. Manoharan
Senior Coordinator,
Forest Policy & Economics,
GFTN India (WWF INDIA)B3/77,
2nd Floor, Janakpuri,
New Delhi-110058

Environmental Economics

Dr. Suresh Rohilla
Centre for Science and Environment,
New Delhi

Environmental Planning and Design Thesis

Shri Subir Paul
1337, Poorvanchal,
JNU Campus, New Delhi -67

Environmental Planning and Design Thesis

STUDIO/FIELD ASSIGNMENTS

ENVIRONMENTAL MANAGEMENT PLAN FOR PUDUCHERRY

August 2011 - December 2011 (Third Semester)

Puducherry is a dynamic region endowed with ecologically sensitive natural features such as wet lands, lakes and mangroves. The region suffered during the Tsunami that hit the Eastern coast of the country in 2004, leading to water salinity in the coastal stretch of the region. Rich in biodiversity, the region requires a specialized approach to conserve ecologically sensitive areas in the context of high levels of urbanisation and inter-state social, political and administrative interests. Although a Master Plan (Perspective 2025) for the Auroville Universal Township, a constituent of the Region, is available, there exists no such Plan for the Region. In this backdrop, the students were required to prepare an Environmental Management and Conservation Plan for the year 2025, with a focus on identifying policies and projects for the enhancement of sustainable and inclusive economic growth of the region, in harmony with the existing ecology of the area.

ENVIRONMENTAL IMPROVEMENT PLAN FOR POANTA SAHIB, HIMACHAL PRADESH (January 2012 – April, 2012) (Second Semester)

A Class III town, Paonta Sahib is situated on the banks of the river Yamuna, with the river being the boundary between the states of Himachal Pradesh and Uttarakhand, making it an important center for both states. As part of the Studio Assignment, the students were expected to prepare an Environmental improvement Plan for Poanta Sahib; by incorporating the Healthy City concept. This required an understanding of the resource base, impacts due to pilgrim, tourist and industrial activities and application of Healthy City criteria for environmental improvement.

TOPICS OF THESIS UNDERTAKEN BY STUDENTS

| NAME OF STUDENT | THESIS TOPIC |
|-------------------------|---|
| Lolia Mary (W) | Strategies To Integrate Landscapes Of Ecosystem Value Into Land Use Planning |
| Vishwa S. | Strategies For Sustainable Drainage Management; Case Study – Bengaluru |
| Kanika Bansal (W) | Strategies For Environmentally Conscious Industrial Development; Case Study – Mangolpuri Industrial Area, Delhi |
| Poushali Chatterjee (W) | Environmental Imperatives In Local Area Planning |
| Shivali Jainar (W) | Stormwater Drainage And Resource Management; Case Study – Dwarka |
| Arpan Mazumdar | Implications Of Converting Wetlands Into Buildable Areas (Case Study: East Kolkata Wetlands) |
| Shweta Sharma (W) | Impact Of Existing Industries On Environment; Case Study - Sahnewal To Doraha |
| Nidhi Krishnan (W) | Water Efficient Planning For Coastal Kachchh District, Gujarat |
| Sashwati Chetia (W) | Environmental Performance Of Urban Form |
| Ragini Nagisetty (W) | Conservation And Management Of Peri Urban Lakes Of Hyderabad |
| Subhash S | Strategies For Sustainable Development Of Environmentally Sensitive Areas In Munnar Region |
| Navin Rai | Planning Sustainable Mountain Tourism In Namchi Municipal Council, South Sikkim. |

THESIS TOPICS UNDERTAKEN FOR Ph.D. RESEARCH WORK

| NAME | TOPIC | GUIDE |
|----------------------|--|----------------------------|
| Ms. Ashmita Karmakar | “Decentralization of Business Centers and its Impact on the Urban Environment” | Prof. (Dr.) Shovan K. Saha |
| Neha Goel Tripathi | Planning for Low Carbon Cities – Million plus cities of India | Prof. Dr. Meenakshi Dhote |

| | | |
|-----------------|---|---|
| Rina Surana | Traditional Urban Settlements and Related Water Bodies in Rajasthan | Prof. (Dr.) Shovan K. Saha Co-Guide Dr. Meenakshi Dhote |
| Kalpana Khurana | Optimization of Urban green systems | Prof. (Dr.) Shovan K. Saha Co-Guide Dr. Meenakshi Dhote |

Board of Studies (External Members)

| | |
|--|--------|
| Prof. Dr. R. Shankar, IIT, Roorkee | Member |
| Dr. S. S. Sundaravel, Puducherry University | Member |
| Prof. Dr. S. D. Joardar, Visiting Professor Dept. of Physical Planning , SPA. | Member |

Departmental Research Committee (External Members)

| | |
|------------------------------------|--------|
| Dr. T.R. Manoharan, WWF, New Delhi | Member |
| Dr. Manmohan Kapshe, SPA, Bhopal | Member |

ENVIS CENTRE

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

Major activities of the ENVIS Centre are:

- (i) Publication of Journals on Human Settlements.
- (ii) Update Environmental Information Systems on Human Settlements – Documentation of critical cities, preparation of monographs.
- (iii) Query Response Services
- (iv) Information and Communication Service

DEPARTMENT OF HOUSING AND CENTRE FOR HOUSING STUDIES

COURSES OF STUDIES

Post Graduate Level

Master of Planning (with specialization in Housing)

Doctoral Level

Ph. D in Housing

FACULTY

Professor & Head of the Department

Neelima Risbud B.Arch., P.G. Diploma in T.C.P. (HCP) (Hons), Ph.D., A.I.T.P.

Professor

Subir Saha B. Arch., P.G. Dip. T.C.P. (Hons), Dip. U.N. Studies, Cert. in Energy Planning & Env. (Oslo), F.I.T.P., F.I.S. (upto 31st August, 2011)

P.S.N. Rao A.I.I.A., B.E (Civil), M. Planning (Housing), (Gold Medalist), Ph.D, Cert. in Urban Management (Canada), F.I.T.P., F.I.E., F.I.V., Advanced Cert. A.A. (NGMA)

TEACHING WORK UNDERTAKEN BY THE FACULTY

For the Department

| Name | Subject | Class |
|----------------|--|----------|
| Neelima Risbud | Planning Studio | I Sem. |
| | Housing Studio | II Sem. |
| | Urbanization & Land Management | II Sem. |
| | Housing Standards, Design & Projects | II Sem. |
| | Informal Housing, Slum & Poverty | III Sem. |
| | Housing Studio | III Sem. |
| | Housing Organisation & Management | IV Sem. |
| Subir Saha | Housing Studio | I Sem. |
| P.S.N. Rao | Materials, Technology and Infrastructure | II Sem. |
| | Governance and Management for Housing | IV Sem. |
| | Real Estate Management & Housing Markets | III Sem. |
| | Housing Studio | I Sem. |
| | Housing Studio | II Sem. |
| | Housing Studio | III Sem. |
| | Housing Studio | IV Sem. |

PUBLICATION BY THE FACULTY

P.S.N. Rao

- Organised Rental Housing is the Need of the Hour, *The Indian Express*, Oct. 01, 2011
- Slums Need to be Prevented, Rather than Cured, *The Indian Express*, Oct 08, 2011
- Needed : A Planned Urban Future, *The Indian Express*, Oct. 15, 2011
- Navigating the Maze Called Urban Governance, *The Indian Express*, Oct. 22, 2011
- Greening our Housing Sector, *The Indian Express*, Nov. 12, 2011
- Enter the New Age Broker, *The Indian Express*, Nov. 26, 2011
- Affordable Housing: Walking the Talk, *The Indian Express*, Dec. 10, 2011
- Urbanscape - at what cost this elevation ? *The Indian Express*, Dec. 31, 2011
- Houses too Can be Built in Factories, *The Indian Express*, Feb. 11, 2012.
- No Resurgence for Realty Sector : Budget 2012, *The Indian Express*, March 17, 2012
- The Urban Poor Deserve their Due, *The Indian Express*, March 24, 2012
- High Rise Buildings - Need for Sustainability Beyond Architecture, *Yearly Handbook on Real Estate-2012*, Track2Media Group Venture.
- *Understanding Inclusive Housing*, The SPA Journal of Planning and Architecture, Vol. 16, No. 1, 2012. Pp. 1-18.
- *Planning Education in India : Need for Reforms* 60th NTCP Congress, Mysore, ITPI Technical Papers-Listed, pp.84-89.

RESEARCH WORK UNDERTAKEN BY THE FACULTY

Neelima Risbud

The details of the Activities in the National Resource Centre established by the Ministry of Housing and Urban Poverty are provided as follows:

Activity Plan for FY 2011-12

The activity plan for the financial year 2011-12 was approved and the grant of Rs.23,00,000/- was released by the Ministry. The following activities have been done since then:

- A study was conducted on "**Rental Housing Options for EWS/LIG, Delhi**" and "**Real Estate Market for EWS/LIG, Delhi**". Case studies from Low Income Housing options in Delhi such as, Katras, EWS Housing by DDA, J.J. Clusters, Unauthorised colonies, Urban Villages, Resettlement Colonies, Relocation Colony have been identified for tenant profile, landlord profile and rental arrangements and real estate market.

- Profile of street vendors in Indore was studied for the preparation of "**Model Action plan for Street Vendors Indore**" for analyzing vending activities in relation to locational attributes, physical characteristics of space, structural condition of establishments and associated urban problems.
- **Handholding support was also provided to the Indore Municipal Corporation for preparation of slum free city plan for Indore.**
- A research study on "**Alternate financing models for slum upgradation and redevelopment**" was undertaken which documents the various interventions and PPP approaches being undertaken. The study would go as a direct input as alternative strategies towards slum improvement and redevelopment for RAY.
- **A Regional Workshop was conducted on RAY Reform Agenda** as the NRC has been identified by MoHUPA as resource Institute for capacity Building for RAY for Northern India. The workshop was organized on 13th -14th March, 2012 for the States: Jammu and Kashmir, Delhi, Uttarakhand, Uttar Pradesh, Himachal Pradesh, Punjab, Haryana.

PARTICIPATION IN SEMINARS/WORKSHOPS/CONFERENCES/SHORT-TERM COURSES/ TRAINING/MEETINGS BY THE FACULTY

Neelima Risbud

- Participated in a two day International Workshop on "Capacity Building for inclusive Urban Development - Challenges & Way forward" at New Delhi on 6th & 7th April, 2011
- Attend two day workshop cum review meeting of the NNRC's at Goa on 20th & 21s April, 2011.
- Participation in two day residential workshop on "Critically of Participatory Slum Mapping - Communities as Partners in Development" organize by the NATG at YASHADA, at Pune on 9th & 10th May, 2011.
- Meeting on community people on Rajiv Awas Yojna at Hazards Centre, Munirka, New Delhi on 25th June, 201.
- Consultation on "Land and Housing for the Urban Poor" for the 12th Five Year Plan at HUDCO, New Delhi on 28th June, 2011.
- Meeting in connection of project of Social Audit BSUP in Chandigarh (Rehabilitation 6368 families by relocation Phase-1) at Chandigarh on 2nd & 3^d July, 2011.
- Participation in the conference of State Minister of Housing, Urban Development, Municipal Affairs/Local self Government on Rajiv Awas Yojna (RAY) at New Delhi on 31st July, 2011.
- Visited Indore in the connection of slum free city and other studies to initiate the work, on 3rd to 5th August, 2011.
- Workshop & Seminar "Affordable Housing Option for Tropical (Monsoon) Region" in Architecture College of Goa, on 19th & 20th August, 2011.

- Dr. Regine Schonenberg at Goa on 19th & 20th August, 2011
- India Urban Conference on the theme of "URBAN INDIA 2050" at Mysore/Bangalore on 18th to 21st November, 2011.
- Workshop on Ray: Slum Free city plan at city level for Ajmer and Pushkar on 20th & 21st December, 2011.
- Workshop on Ray: Slum Free city plan one day city level Jaipur and one day state level for Rajasthan on 17th & 18th January, 2011.
- Workshop on RAY: Slum free city plan one day city level for Shimla and one day state level for Himachal Pradesh on 28th & 29th February, 2011.
- Workshop on RAY Reforms Agenda Implication two day (Northern Region) in New Delhi on 13th & 14th March, 2011.

P.S.N. Rao

- Presented a paper on Valuation of Real Estate for Banks and HFIs in India at the Annual Conference of CEOs of Banks and HFIs, National Housing Bank, New Delhi, 30 August, 2011.
- Presented a paper on Rental Housing in India - Emerging Trends, at the HUPA-NAREDCO conference on Rental Housing : Challenges and Opportunities, New Delhi, 23 Sept. 2011.
- Presented a paper on Land for Housing at the International Seminar on Growth and Stability in Affordable Housing, NHB and Asia Pacific Union for Housing Finance, New Delhi, Jan 30-31, 2012.
- Presented a paper on Draft Real Estate Regulation Bill 2011 - understanding the regulation at a Seminar, Black Arrow, Bangalore, Jan 13, 2012.
- Presented a paper on Earmarking of Land for Urban Poor at the Workshop on RAY Reform Agenda: Drawing and Implementing of Action Plan at State and City Level, MoHUPA, GOI and NRC, SPA New Delhi. 13 March, 2012.
- Participated in Meeting of Government of U.P. to discuss Hotel and Tourism Policy, U.P.Sadan, Chanakyapuri, New Delhi, 27 August, 2011.
- Participated in Airport Summit 2011, Hotel Park, New Delhi, 26 August, 2011.
- As Special Invitee, participated in the AGM of Association of Property Professionals of DelhiNCR, India International Centre, New Delhi, 09th Sept. 2011.
- Special Guest and Speaker at Real Estate Summit 2011 organised by Franchise India, Hotel Claridges, Faridabad, 28 Sept. 2011.
- Participated in Conference on Infrastructure Funding . Road Ahead organized by Bloomberg UTV and IRB, Metropolitan Hotel, 04 Nov. 2011.

- Participated in a Conference on PPP in Railway Projects, PHD Chamber of Commerce, New Delhi.
- Participated in 1st Meeting of Housing and Real Estate Committee, PHD Chamber of Commerce, New Delhi, 13 Feb. 2012.
- Discussant for the Book on Revisioning Indian Cities : the Urban Renewal Mission, IIPA, New Delhi, 27 Feb. 2012.
- Participated in a Roundtable on MPD 2021 - a review, PHD Chamber of Commerce, New Delhi, 29 March, 2012.

INTERNATIONAL VISITS

Neelima Risbud

- Workshop on what kind of the Urbanization "Challenge of slums and including poor into the urban fabric, Pretoria, South Africa, 11th to 13th October, 2011.
- Member of Indian delegation of Ministry of Housing & Urban Poverty Alleviation, Govt. of India, for IBSA workshop "What kind of urbanisation? - Addressing the Challenge of Slums and Integrating the Poor into the Urban Fabric" Presentation on '**Planning and design instruments for city-wide slum upgrading**' in Pretoria in South Africa.

P.S.N. Rao

- Participated in the International Realtors Conference and Expo, Anaheim, Los Angeles, USA, Nov. 11-14, 2011.

MEMBERSHIP IN PROFESSIONAL BODIES/BOARDS / COMMITTEES

Neelima Risbud

- Member of the selection committee constituted by MoHUPA in the context of grant of incentives to the state government and ULBs for implementation of JNNURM (BSUP & IHSDP) including the three pro-poor reforms under JNNURM (BSUP & ISDP) for best performing State and ULB for 2011.
- Member of the Technical group on "Urban Housing Shortage in the context of the twelfth Five Year Plan (2012-2017) constituted by the Ministry of Housing and Urban poverty Alleviation
- Advisor, DUAC
- Associate, ITPI
- Registered, Council of Architecture
- Member of the Committee constituted for developing "Housing start-up Index" with Ministry of HUPA.
- Member of Technical subcommittee of HUPA on RAY.

P.S.N. Rao

- Fellow, Institute of Town Planners-India
- Fellow, Institution of Engineers
- Associate, Indian Institute of Architects
- Registered, Council of Architecture
- Member, Academic Council, SPA Vijayawada.
- Member, National Advisory Committee for 5th National Congress on Surveying, valuation, Land Economy and Real Estate Management, Institution of Surveyors, Kolkata.
- Member, Housing and Real Estate Committee, PHD Chamber of Commerce, New Delhi.

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY

Neelima Risbud

- Social Audit the Project "Rehabilitation of 6368 families" Chandigarh on 17th July, 2011
- **Strengthening National Resource Centers for Supporting States and Cities in Developing Pro-poor Urban Policies and Programme Implementation (Northern Region)** As a part of DFID funded project, support is provided through capacity building to the States and cities identified such as Rajasthan, Punjab, Jammu and Kashmir, Uttar Pradesh, and Himachal Pradesh. State and City level Workshops have been conducted for Rajasthan (Ajmer, Jaipur); Himachal Pradesh (Shimla), Punjab (Amritsar), Jammu and Kashmir (Leh) A review meeting was held on 27th - 28th January, 2012 was held amongst all NRC's to discuss the progress of the workshops, experiences and the difficulties faced.

STUDIO PROGRAMME 3rd SEMESTER M. PLANNING (HOUSING)

- The Studio Programme titled **PROJECT FORMULATION & HOUSING DESIGN: INDORE (August, 2011)** was conducted in the Department. In this connection, students and faculty and faculty visited the city of Indore and reviewed projects developed in the city. They visited the Municipal Corporation, Urban Development Authority, Housing Board, Housing Corporation and Various other stakeholders in the city. An attempt was made to understand the housing policies, programmes and projects being implemented the work of the department was appreciated by the Jury.

STUDIO PROGRAMME 2nd SEMESTER M. PLANNING (HOUSING)

- The Studio Programme titled **HOUSING OPTIONS AND STRATEGY: LUDHIANA (PUNJAB) (February, 2012)** was conducted in the Department. In this connection, students and faculty visited the city of Ludhiana and reviewed projects developed in the city. They visited the Municipal Corporation, Urban Development Authority, Housing Board, Housing Corporation and various other stakeholders in the city. An attempt was made to understand the housing policies, programmes and projects being implemented The work of the department was appreciated by the Jury.

TOPICS OF POST GRADUATE THESIS UNDERTAKEN BY STUDENTS

| Sl. No. | Name | Topic |
|---------|---------------------------|---|
| 1. | Moumita Guha Thakurta | Housing Redevelopment of Kalighat Area, Kolkata |
| 2. | Sneha | Slums and the Urban Poor: Case Study, Jammu |
| 3. | Harshita Mittal | Impact Assessment of BSUP Projects in Delhi/Faridabad/Gurgaon |
| 4. | Swapnali Sanjay Barai | Study of TDR, Policy and Application in Nagpur |
| 5. | Sakshi Gogia | Comparative study of RE Maker in Noida, Noida Extn and Gr. Noida. |
| 6. | Nabamalika Joardar | Development Induced Displacement - Eval. of Cases in Delhi. |
| 7. | Pandya Vimarsh Dipakkumar | Comparative Study of Public and Private Housing Faridabad. |
| 8. | Meenal Kesarwani | Housing in a Pilgrimage City - Allahabad |
| 9. | Shubharthi Basu | Real Estate Housing Development in Siliguri |
| 10. | Daman Preet Chugh | Evaluation of Green Housing Projects in Delhi |
| 11. | Sunita Kumari | Regularisation of unauthorized colonies in Gurgaon |
| 12. | Sanorita Tirkey | Redevelopment Approach for Housing in Bhopal |
| 13. | Dinker Gurung | Housing Intervention for Mitigation of Seismic Induced Disaster- Gangtok. |

TOPICS OF Ph.D THESIS (ongoing)

| Name | Topic | Guide |
|----------------|--|----------------|
| Rajiv Mishra | An Alternative Model for Squatter Upgradation In Greater Mumbai. | Neelima Risbud |
| Narender Kumar | Decentralisation & Service Delivery for Slum Dwellers | Neelima Risbud |

VISITING FACULTY SPECIALISTS

| S.No. | Name | Address |
|--------------|-----------------------|---|
| 1. | Rama Singhl | C-24 C, Gangotri Enclave Alaknanda, New Delhi-19 |
| 2. | Subir Paul | 1337, Poorvanchal, JNU Campus Delhi-110067 |
| 3. | Anju Dwivedi | A-119, II floor, Pocket-8 Kalkaji Extn, New Delhi-19 |
| 4. | Arun Kumar | B-9, Iram, Anand Gujrat-388001 |
| 5. | Kiran Wadhwa | (Executive Director, HUDCO) (Retd.) House No. 13, A, Road-47, Panjabi Bagh West, New Delhi-110048 |
| 6. | Chitra Jain | C- 594, New Friends Colony, New Delhi- 65 |
| 7. | Ruchita Gupta | Flat No. 9 NIPEP, 18/2 Satsang Vihar Marg Special Institutional Area N. Delhi-110067 |
| 8. | P.V. Mahashabde | Director (Planning) DDA |
| 9. | Bharat Bhushan | D-107, Sector - 55 NOIDA |
| 10. | Bashabi Dasgupta | J-1955, Chittaranjan Park New Delhi 110019 |
| 11. | Madhu Kishwar | 1-Underhill road, Civil Lines Delhi |
| 12. | Somasundar Burra | 2nd Floor, Hauz Khas Enclave New Delhi-110016 |
| 13. | P.S. Uttarwar | Director Planning, Vikas Minar, DDA New Delhi-2 |
| 14. | Renu Khosla | 302, 2nd Floor, Building No. 3, Sona Apartment Kaushalya Park, Hauz Khas, New Delhi |
| 15. | Nikhil Dhar | B-19, Hauz Khas Enclave New Delhi-110016 |
| 16. | Amir Ali Khan | D-194, AFE Jamia Nagar New Delhi-25 |
| 17. | Shubham Mishra | 21, Gandhi Smiriti Nidhi New Delhi-110002 |
| 18. | Shiv Prasad Singh | 302, Milan Vihar Apartment 72, I.P. Extension, Parparganj Delhi-110092 |
| 19. | Vijay D. Risbud | 34,35 Anantram Complex, Sector-XIII R.K. Puram, New Delhi-110066 |
| 20. | Ved Prakash Mittal | 338-A, Sector-4, Vaishali, Ghaziabad-201010 |
| 21. | Suman Ranjan Sengupta | D-774, Chittranjan Park, Pocket No. 2 New Delhi-110019 |

| | | |
|-----|---------------------|---|
| 22. | Banashree Banerjee | Flat No. 6, Pocket-C, Sector-A Vasant Kunj, New Delhi-70 |
| 23. | Rajiv Mishra | 38/3, Dattarlya Datar Colony Bhandup (E) Mumbai-400042 |
| 24. | Manika Negi | HSMI, HUDCO Bhawan, Lodhi Road, New Delhi-110003 |
| 25. | Rita Bhattarcharya | 4th floor, Core-5A, India Habitat Centre Lodhi Road, New Delhi-110003 |
| 26. | Paromita Datta Dey | D-3/3421, Vasant Kunj New Delhi-110070 |
| 27. | Sunil Mehra | 5035/3, Sant Nagar, Karol Bagh New Delhi-110005 |
| 28. | Deepali Jain Bansal | H.No. 7, Housing Board Colony, Jharsa Road, Civil Lines, Gurgaon |
| 29. | Gayatri Rajesh | 2nd Floor, 48/13, East Patel Nagar New Delhi-110008 |
| 30. | H.B. Singh | D-6, Simant Vihar, Kaushambi, Ghaziabad-201010 |
| 31. | Akshaya Kumar Sen | D-702, Garden Apartment, Plot No. I I/1 Sector-4, Vaishali, Ghaziabad-201010 |

MEMBERS OF BOARD OF STUDIES (EXTERNAL)

| S.No. | Name | Address |
|--------------|----------------------------|---|
| 1. | Dr. S. P. Bansal | Addl Commissioner (Planning) DDA Asian Games Village Complex, Khel Gaon, New Delhi-49 |
| 2. | Dr. Kiran Wadhwa | House No. 13A, Road No. 47 Punjab Bagh (West), New Delhi-110003 |
| 3. | Ms. Banashree Banarjee | Flat No. 6, Pocket-C Sector A, Vasant Kunj, New Delhi-110070 |
| 4. | Prof. Dr. Rama Subramanian | Professor of Architecture School of Habitat, BMS College of Engineering Basavangudi, Bangalore |
| 5. | Mr. Sunil Beri | 61, United India Apartments Mayur Vihar, Phase-I Extn. Delhi-1 10091 |

DEPARTMENT OF INDUSTRIAL DESIGN

COURSE OF STUDIES

Post-Graduate Level

Master Degree in Architecture (with specialization in Industrial Design)

Doctoral Level

Ph.D in Industrial Design

FACULTY

Professor & Head of the Department

Manoj Mathur, B. Arch.

Assistant Professor

Parag Anand, B.E. (Electronics), Master of Design (Industrial Design, IIT Delhi)

Lecturer

Ms.Krity Gera, B. Arch., M. Arch (Industrial Design, SPA Delhi)

TEACHING WORK UNDERTAKEN BY FACULTY

For the Department

Name & Date

Semester Subject

Prof. Manoj Mathur

25th July, 2011 to December, 2011 3rd Design Project (DP3)
Seminar (S6,S7)
Seminar (S8,S9)

9th January, 2012 to 18th May, 2012 2nd Design Project (DP-2)
4th Final Project (FP)

Shri Parag Anand Meshram

25th July, 2011 to December, 2011 1st Design Project (DP-1)
Case Study (CS-3)

9th January, 2012 to 18th May, 2012 2nd Design Project (DP2)
Human Factors in Design (SC4)

Ms. Krity Gera

25th July, 2011 to December, 2011 1st Communication & Presentation Techniques
(SC9)

9th January, 2012 to 18th May, 2012 3rd Manufacturing Processes & Techniques (CS1)
Product Aesthetics & Form Studies (W1,2,3)
Design Project (DP3)

SEMINARS/WORKSHOP/SHORT-TERM COURSES (BOTH ATTENDED BY THE FACULTY AND CONDUCTED BY THE DEPARTMENT.

Prof. Manoj Mathur

- Conference on Interior Design at World Architecture Festival, Barcelona, Spain. Nov 2, 3,4,5,2011.
- Conference attended: India Design Forum, New Delhi, March 7th to 10th,2012, Students and faculty of the department participated in the conference and workshop, where in our students received First Prize in the Design Visualization Competition.
- **Exhibition -11th Auto Expo, 20** : Students and faculty of ID Department participated in the exhibition special projects undertaken for the automobile industry were displayed. - January 7-11,2012 , Pragati Maidan, New Delhi.

Mr. Parag Anand Meshram

- Conference attended: India Design Forum, New Delhi, March 7th to 10th,2012, Students and faculty of the department participated in the conference and workshop, where in our students received First Prize in the Design Visualization Competition.
- **Exhibition -11th Auto Expo, 20** : Students and faculty of ID Department participated in the exhibition special projects undertaken for the automobile industry were displayed. - January 7-11,2012 , Pragati Maidan, New Delhi.

Ms. Kriti Gera

- Conference attended: India Design Forum, New Delhi, March 7th to 10th,2012, Students and faculty of the department participated in the conference and workshop, where in our students received First Prize in the Design Visualization Competition.
- **Exhibition -11th Auto Expo, 20** : Students and faculty of ID Department participated in the exhibition special projects undertaken for the automobile industry were displayed. - January 7-11,2012 , Pragati Maidan, New Delhi.

MEMBERSHIP ON COMMITTEES/PROFESSIONALS BODIES OF SCHOOL

| Name | Membership |
|---------------------------|--|
| Prof. Manoj Mathur | <ul style="list-style-type: none">- Member, Academic Council, SPA- In charge of Workshop, SPA- Member, Departmental Promotion Committee, Group B & C, SPA- Member, Consultancy Practice Committee |
| Shri. Parag Anand | <ul style="list-style-type: none">- Member, General Council, SPA- Hon. Hostel Warden, Hostel Management Committee- Member, Committee for Harassment at Work Place |

- Ms. Krity Gera**
- Member, Academic Council
 - Member, Sports Committee

SEMINAR/WORKSHOP/SHORT TERM COURSE/MISCELLANEOUS

Department organized following events:

1. Organized the Auto Expo-2012 at Pragati Maidan, Trade Fair Authority of India.
2. Organized the Design Degree Show-2012, 1st, 2nd & 3rd June, 2012 at IIC, Lodhi Road, New Delhi.

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY

| Name of Teachers & Period | Class | Subject |
|---|---------------------|--|
| Abid Bilal, Visiting Professor | | |
| 25 th July, 2011 to December, 2011 | 3rd Sem | Design Project-(DP-3) |
| 25 th July, 2011 to December, 2011 | 3rd Sem | Seminar (S6,S7) |
| | 3rd Sem | Elective |
| | 1st Sem | Elective-Product Design Software |
| 9 th January, 2012 to May, 2012 | 4th Sem | Final Project (FP) |
| 9 th January, 2012 to May, 2012 | 2nd Sem | Elective |
| Anisha Shekhar Mukherji | | |
| 25 th July, 2011 to December, 2011 | 1st Sem | Technical Writing-(RP1, RP2) |
| 25 th July, 2011 to December, 2011 | 3 rd Sem | Research Paper (RP-5,6) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Design Research-(RP3, RP4) |
| Dr.R.Guha Majumdar | | |
| 25 th July, 2011 to December, 2011 | 1st Sem | Technical Writing-(RP1, RP2) |
| 25 th July, 2011 to December, 2011 | 3 rd Sem | Research Paper (RP-5,6) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Design Research-(RP3, RP4) |
| Naveen Vikas Rampal | | |
| 25 th July, 2011 to December, 2011 | 3 rd Sem | Design Project – DP3 |
| 25 th July, 2011 to December, 2011 | 1st Sem | Manufacturing Processes & Techn. - CS1 |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Advanced Manufacturing Tech,-CS2 |
| 9 th January, 2012 to May, 2012 | 4 th Sem | Final Project (FP) |

Ruchin Chaudhary

| | | |
|---|---------------------|--------------------------------------|
| 25 th July, 2011 to December, 2011 | 3 rd Sem | Case Study - (CS3) |
| 25 th July, 2011 to December, 2011 | 3 rd Sem | Seminar - (S8,S9) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Industry Design Theory – (S-2,3,4,5) |

Mohd. Rafi

| | | |
|---|----------------------|----------|
| 25 th July, 2011 to December, 2011 | 3 rd Sem. | Elective |
|---|----------------------|----------|

Siddharth

| | | |
|---|---------------------|--|
| 25 th July, 2011 to December, 2011 | 1 st Sem | Communication & Presentation |
| 25 th July, 2011 to December,2011 | 1 st Sem | Techniques- (SC-1) |
| | 1 st Sem | Communication & Presentation |
| 9 th January, 2012 to May, 2012 | 3 rd Sem | Techniques- (SC2,3) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Communication & Presentation Techniques- (SC9) Orientation-(SC7,SC8) Elective |

Jatin Arora

| | | |
|---|----------------------|-----------------------|
| 25 th July, 2011 to December, 2011 | 3 rd Sem. | Orientation – (SC7,8) |
|---|----------------------|-----------------------|

Amit Dongre

| | | |
|--|---------------------|----------------------------------|
| 25 th July,2011 to December, 2011 | 1 st Sem | Elective-Product Design Software |
| 9 th January,2012 to May,2012 | 2 nd Sem | Computer Aided (SC-7) |

Bharat Upadhyay

| | | |
|---|---------------------|-------------------------|
| 25 th July, 2011 to December, 2011 | 1 st Sem | Design Project – (DP-1) |
|---|---------------------|-------------------------|

Aditi Singh

| | | |
|---|---------------------|-------------------------|
| 25 th July, 2011 to December, 2011 | 1 st Sem | Design Project - (DP-1) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Design Project - (DP-2) |

Alpana Rohtagi

| | | |
|---|---------------------|----------------------------------|
| 25 th July, 2011 to December, 2011 | 1 st Sem | History & Culture of Design-(S1) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Human Factors in Design – (SC4) |

Sugandh Malhotra

| | | |
|---|---------------------|--|
| 25 th July, 2011 to December, 2011 | I st Sem | Communication & Presentation |
| 25 th July, 2011 to December, 2011 | I st Sem | Techniques- (SC-1) |
| 25 th July,2011 to December, 2011 | I st Sem | Communication & Presentation |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Techniques- (SC2,3) Communication & Presentation Techniques- (SC9) Computer Aided – (SC7) |

Manjari Sharma

| | | |
|---|---------------------|---|
| 25 th July, 2011 to December, 2011 | I st Sem | Product Aesthetics & Form Studies- (W-1,2,3) |
| 9 th January, 2012 to May, 2012 | 2 nd Sem | Advanced Form Studies (W4,5) |

LIST OF THESIS/DISSERTATION OF THE DEPARTMENTS 2nd Semester Work Compilation- 2012

Name of the student **Abhishek Srivastava**

1. Design

DP2A : Bio-medical Products

- Designing a Nebulizer
- Designing a Alcohol Breath Analyzer

DP2B : Lighting

- Designing a lighting for Puja Ghar inspired from the installation of artist Paresh Maity .

DP2C: Socially Relevant Issue

- Vendor Bogie Redesign : The project is about Re-designing vendor bogie of EMU trains, thus promoting Milk Transport .

2. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian man.

SC2: Presentation

- To study a **Office Chair & Laptop** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Office Chair** .
- Comparative analysis and derivation of parameters for designing a **Laptop**.

3. CAD

SC4: Rhinoceros Study

- To make the 3d of Scissor
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

4. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Dust collector of Vacuum cleaner .

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- On the topic – Plastic Screws & Fasteners .

5. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Art Of Innovation**’ by Tom Kelley to the class .
- Presentation format was designed as a Brainstorming session followed by a discussion under a moderator.

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject.

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Power Strip.

S7: Key Note Presentation

- To present one of your products (“Delbage” - Garbage Truck Design for Delhi) in a similar fashion as that of Steve Jobs .

6. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Toaster .
- Redesign of Existing Toaster keeping the inside components same and making a 3 D model .

7. Advanced Form Studies

P1: Research on Material

- Research presentation on Bamboo, Bamboo products and market study of existing products.

P2: Workshop

- Conducted a Bamboo Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: Torch, cloth clip, Odonil holder, All out refill container (for liquid), Ball pen .

Name of the student

Akhil Raveendran

8. Design

DP2A: Bio-medical Products

- Designing a body fat analyser
- Designing a Pulse Oximeter

DP2B: Lighting

- Designing a mood lighting for a bedroom with bamboo

DP2C: Socially Relevant Issue

- Food cart for the state of Kerala taking into account the different delicacies available on the existing food carts.

9. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study a **Public Place** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing play area for age group between 4 to 8 years
- Comparative analysis and derivation of parameters for designing a **outdoor children's play unit**

10. CAD

SC4: Rhinoceros Study

- To make the 3d of stapler
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

11. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: side panel of vaccume cleaner

CS2: Mould Drawing

- Mould drawing of a redesigned water jug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Wood finishes

12. Industrial Design Theory

S1: Written assignment

- To write 250 words on "What to Do in Industrial Design Theory"

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**Design of Small Things**' by Norman to the class
- Presentation format was designed as examples taken from the movies clippings and example of a modern watch that had numerous functions and asking the people to adjust the time of the watch.

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a desert cooler.

S7: Key Note Presentation

- To present one of your products (camera of the future) in a similar fashion as that of Steve Jobs

13. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing electric kettle
- Redesign of Existing electric kettle keeping the inside components same.

14. Advanced Form Studies

P1: Research on Material

- Research presentation on Paper, paper products and market study of existing products.

P2: Workshop

- Conducted a Paper Origami Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include:
- Clock, paper knife, deewali lights, pop up cards, car perfume.

Name of the student

Archana Singh

15. Design

DP2A: Bio-medical Products

- Nebulizer
- Bilirubin Check device

DP2B: Lighting

- Designing a mood lighting for living room of farm house with cardboard

DP2C: Socially Relevant Issue

- Movement tracker for internet addicted children

16. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study a **Restaurant** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Cutlery**.
- Comparative analysis and derivation of parameters for designing **Cutlery** for five different type of restaurant.

17. CAD

SC4: Rhinoceros Study

- To make the 3d of Extension cord
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

18. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: front part of Telephone

CS2: Mould Drawing

- Mould drawing of a redesigned Jug.

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Vacuum morning

19. Industrial Design Theory

S1: Written assignment

- To write 250 words on "What to Do in Industrial Design Theory"

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**Thinking Design**' by **S Balaram** to the class
- Presentation format was designed as a competition between three teams to find and understand which the smallest and best product around us is.

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of **Food Warmer**.

S7: Key Note Presentation

- To present one of your products (**Food Warmer**) in a similar fashion as that of Steve Jobs.

20. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Electric gas lighter.
- Redesign of Existing Electric gas lighter keeping the inside components same.

21. Advanced Form Studies

P1: Research on Material

- Research presentation on Fabric, Fabric products and market study of existing products.

P2: Workshop

- Conducted a Fabric Workshop for the class at Taimoor Nagar.

P3: Product from material

- Designing 5 products with the material. Products include: office stationery items: Travelling shoe bag cum rack, Cap having housing for earphone, Apron design, Bird feeder, bottle holder.

Name of the student

Ashwini Deo

22. Design

DP2A: Bio-medical Products

- Designing a Cranial Electrotherapy Stimulator
- Designing a Biliurubin Check Device (Bilicheck)

DP2B: Lighting

- Designing a mood lighting for a Office Corridor with Plywood

DP2C: Socially Relevant Issue

- Childhood Obesity: Designing a Chair for increasing their physical activity during activities like reading, watching TV etc.

23. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study a **Public Place** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Information Panel** for Fast Food Restaurants
- Comparative analysis and derivation of parameters for designing a **Cutlery**.

24. CAD

SC4: Rhinoceros Study

- To make the 3d of Table Mount Sharpner
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

25. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Part of Telephone Receiver.

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Fiberglass Reinforced Plastics

26. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Thinking Design**’ by Prof.S Balaram to the class
- Presentation format was designed as a TV Debate Show.

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a water cooler.

S7: Key Note Presentation

- To present one of your products (Refrigerator for 2050) in a similar fashion as that of Steve Jobs

27. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Torch
- Redesign of Existing Torch keeping the inside components same.

28. Advanced Form Studies

P1: Research on Material

- Research presentation on Fabric, Fabric products and market study of existing products.

P2: Workshop

- Conducted a Tie & Die in fabric Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: Fabric Mudha for storing newspaper, bottle holder cum folding bag, refrigerator magnet for aluminium foil, spoon holder which can be carried in the bags, fabric swing.

Name of the student

Bhawna D. Welturkar

29. Design

DP2A: Bio-medical Products

- Designing a Bilirubin Check Device
- Designing a Nebulizer

DP2B: Lighting

- Designing a mood lighting for a Courtyard with Paper Pulp

DP2C: Socially Relevant Issue

- Accessory for Lepers: Designing an Accessory for Leprosy infected people that can Grasp, Hold and Manipulate items.

30. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Combined Male-Female.

SC2: Presentation

- To study a **Office Space** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Executive Chair** for Office.
- Comparative analysis and derivation of parameters for designing a **Laptop**.

31. CAD

SC4: Rhinoceros Study

- To make the 3d of Spectacles.
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

32. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Base of Telephone

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Plastic Foaming

33. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Art Of Innovation**’ by Tom Kelley to the class
- Presentation format was designed as a Brainstorming session on “Apka Submission time par kyun nahin hota”.

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Bilirubin Check device for infants.

S7: Key Note Presentation

- To present one of your products (Junk Chair) in a similar fashion as that of Steve Jobs

34. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Hair Trimmer
- Redesign of Existing Hair trimmer keeping the inside components same.

35. Advanced Form Studies

P1: Research on Material

- Research presentation on Bamboo, Bamboo products and market study of existing products.

P2: Workshop

- Conducted a Bamboo Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: Flask, Fountain Pen, Pencil Box, Tea Strainer and Tea Infuser, Tiffin Carrier.

Name of the student

Richi Mohanty

36. Design

DP2A: Bio-medical Products

- Designing a Cranial Electrotherapy Stimulator
- Designing a Billirubin check

DP2B: Lighting

- Designing a mood lighting for a Reading Den using Wood as a Material

DP2C: Socially Relevant Issue

- Design intervention for the issue – “Late Detection of Diseases causes death in rural areas.” The product designed for it was a Bioscope.

37. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile combined.

SC2: Presentation

- To study an **Office Space** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing a **Laptop**
- Comparative analysis and derivation of parameters for designing an **Executive Office chair**

38. CAD

SC4: Rhinoceros Study

- To make the 3d of **Plas**
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

39. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Back of an **Electric Iron**

CS2: Mould Drawing

- Mould drawing of a redesigned **bathing mug**

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS 4: Presentation

- Plastic Finishes

40. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**The Art of Innovation**' by Tom Kelley to the class
- A brainstorming session was held for designing “ A trigger to take us from lazy mode to submission mode”

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Cranial Electrotherapy Stimulator.

S7: Key Note Presentation

- To present one of your products (Cranial Electrotherapy Stimulator) in a similar fashion as that of Steve Jobs

41. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Mixie
- Redesign of Existing Mixie keeping the inside components same.

42. Advanced Form Studies

P1: Research on Material

- Research presentation on Clay, Clay products and market study of existing products.

P2: Workshop

- Conducted a Clay Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products included: Book ends, Spoon Cum Sugar holder, A Fish Tray with coaster holder, An Accessory holder and ellipsoid compartmentalised containers.

Name of the student

Jayasree K G

43. Design

DP2A: Bio-medical Products

- Designing Artificial Larynx
- Designing a Body fat Analyser

DP2B: Lighting

- Designing a mood lighting for Kid's room with Acrylic

DP2C: Socially Relevant Issue

- E-waste Recyclers: Designing a workbench for the people who are concerned with recycling e-waste.

44. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian (Combined male and female.)

SC2: Presentation

- To study board games and outdoor play equipments for kids with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Information Panel** for board games and outdoor play equipments.
- Comparative analysis and derivation of parameters for designing board game and outdoor play equipment

45. CAD

SC4: Rhinoceros Study

- To make the 3d of Stic pen.
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

46. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: top of a telephone.

CS2: Mould Drawing

- Mould drawing of a redesigned jug.

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS 4: Presentation

- Additives to Plastic

47. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Design of everyday things**’ by Don Norman to the class

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a hand dryer.

S7: Key Note Presentation

- To present one of your products (hand dryer) in a similar fashion as that of Steve Jobs

48. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing electric iron.
- Redesign of Existing electric iron keeping the inside components same.

49. Advanced Form Studies

P1: Research on Material

- Research presentation on Clay, clay products and market study of existing products.

P2: Workshop

- Conducted a clay Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: multi purpose container, stationery stand, mosquito coil holder, Key holder, pen holder

Name of the student

Lochana C.V.

50. Design

DP2A: Bio-medical Products

- Designing Alcohol Breath Analyser
- Designing a Cranial Electro Therapy Stimuliser

DP2B: Lighting

- Designing a mood lighting for Dressing Room

DP2C: Socially Relevant Issue

- Urban Street Dog Catcher: Sticky Catch, a device which helped in catching stray dogs for sterilisation.

51. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study a **Public Place** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Information Panel** for transport nodes

- Comparative analysis and derivation of parameters for designing a **Bus Shelter**.

52. CAD

SC4: Rhinoceros Study

- To make the 3d of Lighter
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of the wheel
- Showcase rendering of the torch

53. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Head of Vacuum Cleaner

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS 4: Presentation

- Finishes on Metal

54. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Small things Considered**’ by Henry Petroski to the class.
- Presentation format was designed as a competition between three teams to find and understand which the smallest and best product around us is.

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien. The alien was from Venus and portrayed as a sketch.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the redesign of a Welding Machine

S7: Key Note Presentation

- To present one of your products (Futuristic Helmet) in a similar fashion as that of Steve Jobs

55. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of existing Room Heater
- Redesign of room heater keeping the inside components same.

56. Advanced Form Studies

P1: Research on Material

- Research presentation on Wood, Wood products and market study of existing products.

P2: Workshop

- Conducted a Carving and Brass Inlay in wood Workshop for the class.

P3: Product from material

- Designing 5 products with the material. Products include: Cup Sleeve, Curtain Holders, Food Clamp with hook, Jewellery Box, Mobile and Charger Unit.

Name of the student

Pradnya Patil

57. Design

DP2A: Bio-medical Products

- Designing Body Fat Analyzer
- Designing Artificial Larynx

DP2B: Lighting

- Designing a mood lighting for a meditation space with copper inspired by Artist Rashid Rana's artwork.

DP2C: Socially Relevant Issue

- Designing a Mobile Kiosk as a Medical Delivery System

58. Human Factors

SC1: Report

- Making a report on the compiled data of Indian anthropometric dimensions for ergonomic design.

SC2: Presentation

- To study a **Restaurants** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing a **Cutlery**
- Comparative analysis and derivation of parameters for designing a **Fast Food Counter**

59. CAD

SC4: Rhinoceros Study

- To make the 3d of Tester
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

60. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Part of a Vacuum cleaner

CS2: Mould Drawing

- Mould drawing of a redesigned Jug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Wood finishes

61. Industrial Design Theory

S1: Written assignment

- To write 250 words on "What to Do in Industrial Design Theory"

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**Thinking Design**' by S. Balaram

- Presentation format was designed as a discussion among the Indian Industrial designers on TV channel.

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Door Latch.

S7: Key Note Presentation

- To present one of your products (Pencil Sharpener) in a similar fashion as that of Steve Jobs

62. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Hair Straightener
- Redesign of Existing Hair Straightener keeping the inside components same.

63. Advanced Form Studies

P1: Research on Material

- Research presentation on Leather, leather products and market study of existing products.

P2: Workshop

P3: Product from material-

- Designing 5 products with the material Leather.
Products include: Water container, Tea-light, Mug holder, Wrist band, Pot holder, Hanging Bookshelf.

Name of the student

Rajesh R

64. Design

DP2A: Bio-medical Products

- Designing a Body Fat Analyser
- Designing a Pulse Oximeter

DP2B: Lighting

- Designing a mood lighting for a Bar Counter with clay

DP2C: Socially Relevant Issue

- Hybrid Chulha to solve the rural cooking issues in India.

65. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian man.

SC2: Presentation

- To study Five Board Games with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing a Board Game for a particular age group of Children
- Comparative analysis and derivation of parameters for designing a **Board Game**.

66. CAD

SC4: Rhinoceros Study

- To make the 3d of Stapler
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

67. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Toaster

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Injection Moulding, Types and Design considerations.

68. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus

- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**Design of Everyday things**' by Don Norman to the class
- Presentation format was designed as a competition between three teams to find and understand which the smallest and best product around us is.

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Food Warmer.

S7: Key Note Presentation

- To present one of your products (Futuristic Movie projector) in a similar fashion as that of Steve Jobs

69. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Toy Air Pistol
- Redesign of Existing Air pistol keeping the inside components same.

70. Advanced Form Studies

P1: Research on Material

- Research presentation on Metal, metal products and market study of existing products.

P2: Workshop

- Conducted a Metal Enamelling Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: Book Mark, Book ends, picture frame, candle stand, pen stand and Agarbathi stand.

Name of the student

Subhomoy Halder

71. Design

DP2A: Bio-medical Products

- Designing a Nebulizer
- Designing an Alcohol Breath Analyzer

DP2B: Lighting

- Designing a lamp for Indian Dhaba with Khadi

DP2C: Socially Relevant Issue

- Water transportation a big problem in Rural India. – A water Carrier trolley capable to carry water upto 70 litres. (Jalwahak)

72. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study **Restaurants and food joints** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing **Cutlery**.

73. CAD

SC4: Rhinoceros Study

- To make the 3d of Torch
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

74. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: an Iron body

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Additives to Plastic

75. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, by Henry Petroski to the class
- Presentation format was designed as a competition between three teams to find and understand which the smallest and best product around us is.

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a Nebulizer.

S7: Key Note Presentation

- To present one of your product (Printer nxt.).

76. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing Telephone.
- Redesign of Existing Telephone keeping the inside components same.

77. Advanced Form Studies

P1: Research on Material

- Research presentation on Metal products and market study of existing products.

P2: Workshop

- Conducted an Enamelling Workshop for the class.

P3: Product from material

- Designing 5 products with the material. Products include: Book shelf, Wine bottle holder, Book stand/i-pad stand, a Tea cup, an Exclusive Pen stand.

Name of the student

Rizma P

78. Design

DP2A: Bio-medical Products

- Designing Artificial Larynx
- Designing a Pulse Oximeter

DP2B: Lighting

- Designing a lighting for elevator using mild steel

DP2C: Socially Relevant Issue

- Device to make people aware of the over usage of electricity, which also saves electricity

79. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian man.

SC2: Presentation

- To study a **class rooms** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **board games** for kids upto 5year
- Comparative analysis and derivation of parameters for designing a **outdoor games**.

80. CAD

SC4: Rhinoceros Study

- To make the 3d of Syrinch
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

81. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: Handle of an Iron

CS2: Mould Drawing

- Mould drawing of a redesigned jug

CS3: Exhibition

- Industrial visits

CS4: Presentation

- Planning, molding and joining of wood

82. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, ‘**Design of Everyday things**’

S4: Alien

- Watching the movie ‘Hitchhikers guide to the galaxy’
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of an cooler.

S7: Key Note Presentation

- To present one of your products (Air cooler) in a similar fashion as that of Steve Jobs

83. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing FM Radio
- Redesign of Existing FM Radio keeping the inside components same.

84. Advanced Form Studies

P1: Research on Material

- Research presentation on Leather, Leather products and market study of existing products.

P2: Workshop

- Conducted a Leather Workshop for the class

P3: Product from material

- Designing 5 products with the material. Products include: Sheet holder, Book mark, Mouse pad, Pencil pouch, Leather bound Book

Name of the student

Shruti Nilegaonkar

85. Design

DP2A: Bio-medical Products

- Designing Alcohol Breath Analyzer
- Designing a Cranial Electrotherapy Stimulator

DP2B: Lighting

- Designing a mood lighting for a dine-in restaurant with glass

DP2C: Socially Relevant Issue

- Protective gear for Rag-pickers

86. Human Factors

SC1: Mannequins

- Making of 2d mannequin-50th percentile Indian woman.

SC2: Presentation

- To study a **Public Place** with respect to the human factors in design.

SC3: Presentation

- Comparative analysis and derivation of parameters for designing an **Information Panel** for transport nodes
- Comparative analysis and derivation of parameters for designing a **Bus Shelter**.

87. CAD

SC4: Rhinoceros Study

- To make the 3d of Colin Spray Head
- To make 3d wheel of your design

SC5: Rhinoceros free form Modelling

- To make the 3d of a free form torch

SC6: Rendering

- Showcase rendering of wheel
- Showcase rendering of the torch

88. Advanced Manufacturing Technologies

CS1: Technical Drawing

- Technical Drawing of plastic part: front part of Vacuum Cleaner

CS2: Mould Drawing

- Mould drawing of a redesigned bathing mug

CS3: Exhibition

- Plast India Expo Visit: Presentation on Plastic processes

CS4: Presentation

- Co-injection molding

89. Industrial Design Theory

S1: Written assignment

- To write 250 words on “What to Do in Industrial Design Theory”

S2: Presentation

- Thoughtless Acts: Observations recorded in the Campus
- Thoughtless Acts part 2: One of the issues elaborated and solution presented

S3: Book Review

- Summarising and presenting the book, '**Small things Considered**' by Henry Petroski to the class
- Presentation format was designed as a competition between three teams to find and understand which the smallest and best product around us is.

S4: Alien

- Watching the movie 'Hitchhikers guide to the galaxy'
- Imagining an alien with the world he is from and presenting the same.

S5: Amul Topical

- To draw an Amul Topical taking one of the class issues as the subject

S6: Design Brief

- To write the need statement, specifications and constraints for the design of a hand dryer.

S7: Key Note Presentation

- To present one of your products (Hand Dryer) in a similar fashion as that of Steve Jobs

90. Elective

E1: Written Assignment

- Screws: Definition, types and uses

E2: Product Detailing

- Study of Existing hair dryer.
- Redesign of Existing hair dryer keeping the inside components same.

91. Advanced Form Studies

P1: Research on Material

- Research presentation on Wood, Wood products and market study of existing products.

P2: Workshop

- Conducted a Wood Workshop for the class at Pilkhuan.

P3: Product from material

- Designing 5 products with the material. Products include: office stationery items: file folder, 48 pencil stand, laptop stand, off table stationary holder, bottle holder.

Semester 3

Course: Orientation: SC7, SC8- communication

E. Hrshitha Reddy

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Vishwaraj Nikumbh

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Roshan Alexander

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Vidya Kamath

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Saurabh Bhanarkar

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Aditi Parikh

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Pranav Bhave

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Prakash T

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Bavith Balakrishnan

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Gunjan Verma

- ◆ Rhino modeling
 - Tea set
 - Mouse
 - Car

Course: Seminar: S6, S7, S8, S9- Marketing Innovations, concept of quality, Cont. tech and Innovations, Design Management

E. Hrshitha Reddy

- SA on 2001 space Odyssia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Vishwaraj Nikumbh

- SA on 2001 space Odyssia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Roshan Alexander

- SA on 2001 space Odyssia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Vidya Kamath

- SA on 2001 space Odyssia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Saurabh Bhanarkar

- SA on 2001 space Odysia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Aditi Parikh

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Pranav Bhawe

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- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

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- Presentation on grass root innovation
- Washing machine

Bavith Balakrishnan

- SA on 2001 space Odysia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Gunjan Verma

- SA on 2001 space Odysia
- Presentation on cutting edge technology
- Presentation on grass root innovation
- Washing machine

Course: Case study: CS3- Technology studies, Product Detailing**E. Hrshitha Reddy**

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad

- ❖ Presentation of industrial visits
 - Paratha war

Vishwaraj Nikumbh

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Paratha war

Roshan Alexander

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Paratha war

Vidya Kamath

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Hail wire

Saurabh Bhanarkar

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad

- ❖ Presentation of industrial visits
 - Hail wire

Aditi Parikh

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Bear'O clock

Pranav Bhave

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Hail wire

Prakash T

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Hail wire

Bavith Balakrishnan

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Paratha war

Gunjan Verma

- ❖ Presentation on plastic
- ❖ Identification of various plastic
- ❖ Industrial visits
 - Sab-miller brewery, Nimrana
 - Havel's, Haridwar
 - Pioneer poly leathers, Utharakhand
 - Unique mouldings, Faridabad
- ❖ Presentation of industrial visits
 - Bear'O clock

Course: Elective**E. Hrshitha Reddy**

Presentation on good tea packaging.

Vishwaraj Nikumbh

Presentation on good tea packaging

Roshan Alexander

Presentation on good tea packaging

Vidya Kamath

Presentation on good tea packaging

Saurabh Bhanarkar

Presentation on good tea packaging

Aditi Parikh

Presentation on good tea packaging

Pranav Bhave

Presentation on good tea packaging

Prakash T

Presentation on good tea packaging

Bavith Balakrishnan

Presentation on good tea packaging

Gunjan Verma

Presentation on good tea packaging

Course: Research: RP5- Design Studies Criticism

- ❖ Analysis and review of given readings
 - Cleopatra
 - Holy panchayath

- World of wrestling
- Knowledge and wisdom

Course: Research:RP6- Criticism
SA on Economics of design

Course: Design Project: DP3

E. Hrshitha Reddy

- ❖ Product Detailing and Restyle
 - Iron
- ❖ Reducing urban garbage:
 - Toy packaging

Vishwaraj Nikumbh

- ❖ Product Detailing and Restyle
 - Hair straighter
- ❖ Reducing urban garbage:
 - Pizza packaging

Roshan Alexander

- ❖ Product Detailing and Restyle
 - Drill Machine
- ❖ Reducing urban garbage:
 - Tetra pack

Vidya Kamath

- ❖ Product Detailing and Restyle
 - Toaster
- ❖ Reducing urban garbage:
 - Tooth brush

Saurabh Bhanarkar

- ❖ Product Detailing and Restyle
 - Trimmer
- ❖ Reducing urban garbage:
 - Shampoo/sachet

Aditi Parikh

- ❖ Product Detailing and Restyle
 - Telephone
- ❖ Reducing urban garbage:
 - Hospital register

Pranav Bhave

- ❖ Product Detailing and Restyle
 - Massager
- ❖ Reducing urban garbage:
 - E-waste

Prakash T

- ❖ Product Detailing and Restyle
 - Blower
- ❖ Reducing urban garbage:
 - Food packaging for Dhaba wala

Bavith Balakrishnan

- ❖ Product Detailing and Restyle
 - Glue gun
- ❖ Reducing urban garbage:
 - Bottled water

Gunjan Verma

- ❖ Product Detailing and Restyle
 - Vacuum cleaner
- ❖ Reducing urban garbage:
 - Chocolate Packaging

Semester 4

Course: Design Project: DP4

E. Hrshitha Reddy

- ❖ Mixer Grinder
 - Sponsor: Havells India Private Ltd

Vishwaraj Nikumbh

- ❖ Basic Life Support Ambulance
Sponsor: Mobile Hospitals Designers & Developers Pvt. Ltd

Roshan Alexander

- ❖ Pico Pack
Sponsor: M.S.M.E. Design Clinic

Vidya Kamath

- ❖ Ice Trike
Sponsor: Amul Ice Creams

Saurabh Bhanarkar

- ❖ Air o' Drift
Sponsor: Havells India Private Ltd

Aditi Parikh

- ❖ Connectrix
Sponsor: M.S.M.E. Design Clinic & Playgro Toys India Pvt. Ltd

Pranav Bhawe

- ❖ Food and Beverage Carts
Sponsor: PVR Cinemas Pvt. Ltd

Prakash T

- ❖ Semi Automatic Washing Machine
Sponsor: Dixon Technologies

Bavith Balakrishnan

- ❖ Desert Cooler
Sponsor: Videocon Industries Ltd

Gunjan Verma

- ❖ Ramble Route
Sponsor: M.S.M.E. Design Clinic

LIST OF NAMES OF EXTERNAL MEMBERS OF BOARD OF STUDIES

1. **Prof. Ravi Pooviah**
Head, Industrial Design Centre, Powai,
Indian Institute of Technology,
I.I.T, Mumbai.
2. **Prof. Lalit Kumar Das**
Department of Master of Design,
IDDC, IIT, Hauz Khas, New Delhi.
3. **Mr.Saurabh Singh** BE MDes
Design Studio EN6D (ERD3),
Maruti Suzuki India Ltd.
Palam Gurgaon Road,
Gurgaon-122015.
4. **Mr.Satyakam Sharma**
Deputy Manager-Industrial Design
Videocon Industries Ltd.
H.No.573 A (Ground Floor),
Sector 22 B, Gurgaon-122015.

LIST OF NAMES OF EXTERNAL MEMBERS OF DRC

1. **Prof. Ravi Pooviah**
Head, Industrial Design Centre, Powai,
Indian Institute of Technology,
I.I.T, Mumbai.
2. **Prof. Lalit Kumar Das**
547, First Floor,
SFS DD Apartments, Sector-19,
Pocket-2, Dwarka, New Delhi
Mobile – 9891941433
Lalitdas@gmail.com
3. **Dr. Vinod Gupta**
K-38, Jangpura Extension,
New Delhi-110014.
4. **Prof. Jatin Bhatt**
B-50,SFS Flats, Sheikh Sarai,
Phase-I, New Delhi-110017.

DEPARTMENT OF LANDSCAPE ARCHITECTURE

COURSE OF STUDIES

Post Graduate Level

Master's Degree in Landscape Architecture

Doctoral Level

Ph.D. in Landscape Architecture

FACULTY

Professor & Head of the Department

A.K. Sharma, B.E. (Civil), PG. Dip. TCP (TTP, Hons.), AITP, MCILT (UK)

Professor

Surinder Suneja, B.Sc., P.G. Dip. L.A., Ph.D.

Professor

Rommel Mehta, B.Arch., P.G. Dip. L.A., Ph.D.

TEACHING WORK UNDERTAKEN BY THE FACULTY

For the Department

| Name | Subjects | Semester |
|------------------------|--|-------------------|
| Surinder Suneja | - Landscape Architecture Studio-I | I st |
| | - Plants & Design (Theory & Studio) | II nd |
| | - Landscape Architecture Studio-II | II nd |
| Rommel Mehta | - Landscape Architecture Studio-III | III rd |
| | - Landscape Project Management & Professional Practice | IV th |
| | - Landscape Architecture Studio-IV | IV th |
| | - Building Construction – II year | II nd |
| | - Architecture Design Studio-II year | II nd |
| | - Architecture Design Studio-IV year | I st |

Special Events in the Department of Landscape Architecture

- The Department of Landscape Architecture has conducted and coordinated 2 & ½ days **National level Orientation workshop on “Zoo Designing and Landscape Architecture”** for the Zoo Engineers, Zoo Architects and Zoo Consultant/Entrepreneur from 24th to 26th February’ 2012 at India Habitat Centre, New Delhi, under the coordination of Prof. Dr. Surinder Suneja.

For the Sister Department

Name

Surinder Suneja

Subjects

Site Planning issue in Landscape Design for combined semester of Planning stream

Conducted course on Site Planning & Landscape Planning for B. Planning students

Expert Lecture to the students of B. Planning at SPA, Vijaywada.

Rommel Mehta

Served as Studio Director for the second year Architecture Design Studio.

Conducted the students site visit to Jodhpur and Jaisalmer as part of their architecture design syllabus.

Conducted the Building Construction course for the 2nd year Architecture students.

Served as Studio Co-ordinator for combined 4th year Architecture Design Studio for Housing Project.

Delivered special lecture on site planning for the Department of Housing.

Outside the School

Name

Surinder Suneja

Subjects

Delivered Expert Lecture on Energy at CPWD Training Cell, Ghaziabad, U.P.

Conducted programme for Relevance of Vegetation in Landscape Planning and design at C.P.W.D, Govt. of India.

Delivered Series of advanced Lectures to Post Graduate students at I.A.R.I, Pusa, Ministry of Agriculture, Govt. of India.

Delivered Expert Lecture to C.P.W.D officers at Ghaziabad & R.K. Puram training cell.

Landscape Design of Jawahar Bhawan, Ministry of External Affairs, Govt. of India.

Rommel Mehta

Delivered Expert lecture for C.P.W.D officers, Ghaziabad

Delivered lecture at I.A.R.I, Pusa, New Delhi.

Conducted and Coordinated a National Workshop for Senior officials of Zoos for Central Zoo Authority.

Two out of 3 Volumes of reference material for Zoo Planning Course for dissemination among the delegates.

Made a presentation and delivered a lecture on 'Lighting Considerations in Lighting of 'Heritage Precincts & Commercial Areas' for Indian Society of Lighting Engineers.

Delivered a lecture on Broad Guidelines on Planning and Architecture at National Workshop for Senior officials of Zoos for Central Zoo Authority.

Delivered lecture on "Designing for open spaces in residential areas for M. Planning (Housing) SPA

Delivered a lecture on "Landscape Planning and Zoo Designing" at Workshop for Zoo Directors at Hyderabad.

Served as Observer for Central Teacher Eligibility Test (CTET) for CBSC.

Served as Examiner to evaluate the Dissertation and to conduct the Viva Voce for M.SC. Resource Management and Design Application Part I Examination at Lady Irwin College.

Served as Examiner to evaluate the Dissertation and to conduct the Viva Voce for M.SC. Resource Management and Design Application Part II Examination at Institute of Home Economics Campus.

MEMBERSHIP OF FACULTY IN COMMITTEES/BOARDS/PROFESSIONAL BODIES

| Name | Discipline |
|-----------------|---|
| Surinder Suneja | Fellow Indian Society of Landscape Architects Association Fellow Member of Bhoo Vigyan Life Member I.I.P.A., New Delhi Life Member INDIAN ORNAMENTAL SOCIETY, India Member, Expert Committee on Zoo Planning & Zoo Designing, Central Zoo Authority |
| Rommel Mehta | Advisor, Post Graduate Students Member, Indian Institute of Architects Member, Indian Society of Lighting Engineers Member, Council of Architecture Member, Expert Committee on Zoo Planning & Zoo Designing, Central Zoo Authority Advisor, Delhi Urban Arts Commission Member, Heritage Advisory Committee, New Delhi Municipal Committee Convener of the Expert Committee for evaluation of B.Arch degree course, Purvanchal Institute of Architecture & Design, Gorakhpur Member, General Council of the School of Planning and Architecture (SPA) Member, Academic Council, SPA Member, Convocation Committee, SPA Member, Building Maintenance Committee, SPA Member, Board of Studies of the Department Member, Sports Committee, SPA Member, Hindi – Rajbhasha Karyanvayan Committee. Served as Presiding officer for student's council elections. |

INSTITUTIONAL CONSULTANCY

| Name | Projects |
|-----------------|---|
| Surinder Suneja | Landscape Consultant for, for JNB Project, 1st Green Building in the country for Ministry of External Affairs, under public domain, Government of India Landscape Consultant for NHAI for Badarpur Flyover. Landscape Consultant for Panipat elevated Flyover at Panipat for L&T. |
| Rommel Mehta | Landscape Planning & Design for Numaligarh, Refinery Ltd. Town Ship, Numaligarh, Assam |

RESEARCH PROJECTS

Developing Broad Guidelines on Principles of Zoo Designing for Zoos in India.

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY/VISITING PROFESSORS

| Sl. No. | Name | Subjects | Semester |
|---------|-----------------|---|--|
| 1. | C.K. Varshney | Ecology & Ecosystems Analysis Landscape Resource-I Dissertation Seminar Landscape Resource-II | II nd Sem. III rd Sem III rd Sem. IV th Sem |
| 2. | Gauhar Mahmood | Geomorphology Hydrology Geology | I st Sem. I st Sem. I st Sem. |
| 3. | G. Narayanasamy | Soils | I st Sem. |
| 4. | Harbir Singh | Site Planning and Landscape Engineering Engg. (Theory & Studio) Site Planning and Landscape Engineering Engineering-II | I st Sem. II nd Sem. |
| 5. | H.S. Madan | Landscape Architecture studio-I | I st Sem. |
| 6. | Kapil Chaudhery | Landscape Architecture studio-I | I st Sem. |
| 7. | Mahesh Paliwal | Landscape Architecture studio-I | I st Sem. |
| 8. | Minesh Parikh | Landscape Architecture studio-IV | IV th Sem |

| | | | |
|-----|------------------|--|--|
| 9. | Nandita Parikh | Theory of Landscape Architecture-I Theory of Landscape Architecture-II Landscape Conservation & Regional Landscape Planning | II nd Sem. III rd Sem. IV th Sem |
| 10. | Nikhil Dhar | Professional Communication Professional Communication Professional Communication Professional Communication | I st Sem. II nd Sem. III rd Sem. IV th Sem |
| 11. | Pankaj Jain | Landscape Architecture studio-I Landscape Architecture studio-IV | I st Sem. IV th Sem |
| 12. | Pallavi Mohan | Landscape Architecture studio-IV | IV th Se |
| 13. | Priya Dey | Landscape Economics, Management & Horticulture Practice Landscape Architecture studio-IV | III rd Sem IV th Sem |
| 14. | Sh. P.R. Mehta | Landscape Project Management & Professional Practice | IV th Sem |
| 15. | P. S. Uttarwar | Remote Sensing, Land Information System & GIS Landscape Conservation & Regional Landscape Planning | II nd Sem. IV th Sem. |
| 16. | Rajesh Shukla | Landscape Architecture studio-I | I st Sem. |
| 17. | Rajiv Khanna | Landscape Architecture studio-III | III rd Sem |
| 18. | Sachin Jain | Landscape Architecture studio-I Landscape Architecture studio-II Plants & Studio (Studio) | I st Sem. II nd Sem. II nd Sem. |
| 19. | Samir Mathur | Landscape Architecture studio-IV | IV th Sem |
| 20. | Savita Punde | Landscape Architecture studio-II Landscape Architecture studio-III | II nd Sem. III rd Sem |
| 21. | Sujata Kohli | Landscape Architecture studio-II Landscape Architecture studio-III | II nd Sem. III rd Sem |
| 22. | Suneet Mohindru | Landscape Architecture studio-I Theory of Landscape Architecture-I Landscape Architecture studio-II Landscape Architecture studio-III | I st Sem. II nd Sem. II nd Sem. III rd Sem. |
| 23. | Sourav Singh Deo | Plants Systematics & Plant Process | I st Sem. |
| 24. | Vivian Vickers | Landscape Architecture studio-I Landscape Architecture studio-II | I st Sem. II nd Sem. |

THESIS TOPICS UNDERTAKEN BY THE STUDENTS

| Sl. No. | Roll No. | Name of Student | Thesis Topics |
|---------|----------|------------------------|--|
| 1. | LA/443 | Neha Ghugari Ravikiran | Landscape Proposal for Mutha Riverfront Development, Pune. |
| 2. | LA/444 | Chahit Singal | Landscape Development Proposal for Galgotias Educational Institutions, Greater Noida. |
| 3. | LA/445 | Souporni Paul | Landscape Proposal for A.I.I.M.S., Jodhpur. |
| 4. | LA/446 | Nikhi Pendse Arun | Landscape Proposal for Suvarna Soudha at Belgaum, Karnatka. |
| 5. | LA/447 | Arpit Rameshbhai Dutt | Landscape Design Proposal for District Park in Tughlaqaqbad. |
| 6. | LA/449 | Priyanka G. | Landscape Proposal for Maulana Azad National Urdu University, Hyderabad. |
| 7. | LA/450 | Shatavisha A. Roy | Godavari Riverfront Development, Nashik, Maharashtra. |
| 8. | LA/452 | Manavi Suneja | Landscape Design Proposal - Coronation Park, Delhi. |
| 9. | LA/453 | Rameez Raja Gazi | Site Planning and Landscape Development Proposal for Union Christian College at Mawlyndep in Ri-Bhoi Dist., Meghalaya. |
| 10. | LA/454 | Kirthi Chandra | Pedda Cheruvu - Lake Front Development. |
| 11. | LA/455 | Neha Chhabra | Landscape Proposal for Heritage Village, Amritsar. |
| 12. | LA/456 | Anushri Barman | Landscape Development of Deeper Beel Guwahati, Assam. |
| 13. | LA/459 | Amrita Kumari | Yamuna Biodiversity Park, Phase-II, New Delhi. |
| 14. | LA/460 | Priyanka Gupta | Landscape Proposal for Azadi Park, Patna (Hardinge Park, Patna). |
| 15. | LA/427 | Krati Agrawal | National institute of Aviation Training & Management, Gondia, Maharashtra. |
| 16. | LA/437 | Srivani Mateti | Landscape Re-Development of 'Bagh-E-Awaam' A Public Garden in Hyderabad. |

BOARD OF STUDIES (EXTERNAL MEMBERS)

| Sl. No. | Name | Address | Tel. No. |
|---------|--|--|---|
| 1. | Prof. Ravindra Bhan Landscape Architect | D- 198, Defence Colony, New Delhi-110024 | (M) 9818002298 |
| 2. | Prof. M. Shaheer Landscape Architect | 167/8, Sarai Jullena, IInd Floor, Okhla Road New Delhi-110025 | (M) 9810061817, (O)-011-26820142 |
| 3. | Mrs. Savita Punde Landscape Architect | 6 th Floor, Bestecs Chamber, Sushant Lok – I, Sector – 27, Gurgaon-122002 (Haryana) | (M) 9810292967 |
| 4. | Sh. B.S. Bonal Member Secretary, CZA | Central Zoo Authority Bikaner House, Annex-VI, Shahjahan Road, New Delhi-110001 | (M) (O) 011-23381585 (O) 011-23070375 |
| 5. | Sh. H.S. Madan Landscape Architect | E-74, Street No. 3, Pandav Nagar, Delhi- 110091 | (M) 9810110180 (R) 011-22750289 |
| 6. | Prof. Dr. C.K. Varshney Ex-Dean, School of Environmental Sciences, J.N.U, New Delhi. | 88, Vaishali, Pitam Pura, Delhi-110034 | (M) 9818547904 |

Programme : M.L.A.
Semester : Ist
Session : 2011-12

Date of Issue : 25.07.11 (Monday)
Submission on : 1.08.11 (Monday)

Studio Problem – 1

Objective:

To understand scope of dimension of Landscape through review of selected past theses (to be assigned in the class).

Programme:

Landscape architects are constantly involved in the depiction of landscape space, and we need to acquire skills of perception and graphic representation to do this with confidence and familiarity. To explain: we need to be able to read a landscape, and then to intelligibly explain its main characteristics through any graphic means.

Requirements:

Each student will study two thesis reports and make a brief written and verbal presentation on contents, conclusions and comprehensions of the subject. This will be followed by a short discussion to review the student responses and any questions which may arise.

Students are advised to come prepared with relevant questions in respect of the thesis reviewed. Stress will be laid on the comprehension of the work and ability to highlight the main points.

| | | | |
|-----------|-----------|------------------|-----------------------|
| Programme | : M.L.A. | Date of Issue | : 2.08.11 (Monday) |
| Semester | : Ist | Review- 1 | : 09.08.11 (Tuesday) |
| Session | : 2011-12 | Review- 2 | : 17.08.11(Wednesday) |
| | | Final Submission | : 23.08.11 (Tuesday) |

LANDSCAPE DESIGN-I

STUDIO PROBLEM – 2

URBAN LANDSCAPE STRUCTURE

INTRODUCTION:

Landscape structure in the context of urban space suggests the creation of spatial framework based on a range of considerations, but essentially incorporating, in a meaningful way, the various kinds of public open space available in the city.

A designed urban landscape structure such as a park system fulfills valuable ecological, civic and visual functions and needs. A city's landscape, fragile though it may seem can in fact be a more permanent part of a city's infrastructure than buildings themselves.*

In the case of Delhi, "Landscape structure remains a desirable but elusive objective". It is well known that the central parts of the city benefit from the existence of such spaces as the Ridge, Central Vista, Zoological Gardens etc.; indeed the earlier Master Plan suggested the semblance of a linked system of parks as a method of creating a sequence of open spaces. It is employ evident from the quality of landscape in these zones today, that these objectives have not been met; even the few positive features which have survived are in danger of being negated by piecemeal and un-coordinated decisions about how open space is used and developed.

There is a need to think carefully about formulating a programme for these kinds of zones so as to creatively express and utilize their full potential in the enhancement of the city's environment.

OBJECTIVES:

The objective of this studio exercise is to understand ways in which decisions about the development of open space can be used to create distinctive urban landscape in consonance with the city's scale, and its civic and environmental needs.

SCOPE:

The scope of the exercise includes:

- Understanding the historical/cultural significance of the sites selected.
- Understanding how planning or the lack of it shapes these zones of the city
- Developing an approach to landscape development in these areas, the incorporation of which into planning proposals would improve considerably their contributions to the city's distinctive identity, and enhance the quality of the specific urban setting to a significant degree.

SITES:

The sites chosen are; as indicated below:-

- | | |
|-----------------------|-----------------------|
| - Sunder Nursery Area | - Lodi Road |
| - East of Red Fort | - Ramlila Ground etc. |
| - East of India Gate | - Race Course area. |

PROGRAMME:

You are to develop:

- A. An assessment methodology specific to the characteristics of each site to identify:
- Historic, cultural and environment value
 - The impact of present and future development trends
 - Significant issues related to open space development
- B. A programme for landscape development. This could be in the form of a brief, or a framework of factors/considerations to be taken into account while formulating detailed planning or design proposals for the area. Detailed designs are not required.

The work would be done in groups and submitted in the form of a comprehensive Report.

| | | | |
|-----------|-----------|---------------------|------------------------|
| Programme | : M.L.A. | Date of Issue | : 24.08.11 (Wednesday) |
| Semester | : Ist | Review- I | : 01.09.11 (Thursday) |
| Session | : 2011-12 | Review-II | : 08.09.11 (Thursday) |
| | | Intermediate Review | : 15.09.11 (Thursday) |
| | | Final Submission | : 23.09.11 (Friday) |

STUDIO PROBLEM – 3

LANDSCAPE DESIGN FOR CHILDREN'S PLAY

INTRODUCTION:

In this studio problem you have the opportunity to:

- a. Explore ways in which particular patterns of behavior can inspire a certain kind of creative response in outdoor design.

- b. Learn how a landscape can be designed to encourage specific kinds of activity.
- c. Learn how landform can be manipulated to shape space, and how vegetation can be used to enhance and reinforce this idea.

PROGRAMME:

You would select a site of approximately 0.75 to 1 HA from the area identifies.

Your proposal should fulfill the needs of children in the age group of 5-12 years, with respect to sensory stimulation, development of motor skills, and socialization with other children, individual and group play, etc., within a stimulating environment inspired by, and evocative of natural processes and forms:

Processes as exhibited in structural systems found in nature, such as dendritic or branching systems in crystalline structure, river and deltaic systems, vegetation forms,; or cellular structure formed though the systematic accretion of small units.

Forms, as related to physiographic, hydrological or vegetational characteristics of landscape; thus – valley, ridge, plateau, basin, peak, canyon, cliff, ravine; or, cascade, stream, river lake: and again, forest, grove, grassland, etc.

SITE:

J.N.U in South Delhi is the site. You will need familiarize yourself with the site sufficiently, so that you are able to select an appropriate site* of about 0.75 to 1 HA, for the design of a children play area.

REQUIREMENTS:

- Stage – 1 : Site selection, site analysis and presentation of study on children’s play.
- Stage – 2 : Conceptual Plan.
- Intermediate : Review of the conceptual plan alongwith rough grading, planting strategy.
- Final Submission : Landscape plan, explaining through sections and sketches and grading plan, Detail of two typical areas.

Scale 1: 100

| | | | |
|-----------|-----------|------------------|--------------------------|
| Programme | : M.L.A. | Date of Issue | : 29.09.2011 (Thursday) |
| Semester | : Ist | Review - I | : 19.10.2011 (Wednesday) |
| Session | : 2011-12 | Review - II | : 02.11.2011 (Wednesday) |
| | | Review - III | : 16.11.2011 (Wednesday) |
| | | Review - IV | : 23.11.2011 (Wednesday) |
| | | Final Submission | : 28.11.2011 (Monday) |

STUDIO PROBLEM – 4

LANDSCAPE DESIGN FOR RESIDENTIAL DEVELOPMENT

OBJECTIVES:

The process of site planning is an essential part of most landscape design projects. The objective of this studio problem is to understand the process and use it in the layout of a housing area.

The essentials of the site planning process will include the assessment of the site conditions and site elements, analysis of the architectural programme and arriving at a design solution.

PROGRAMME:

The entire programme of study is divided into three parts:-

- 1) Literature Review
- 2) Assessment of the site potential and constraints
- 3) Formulate a broad strategy for development w.r.t site planning of housing area

The site is located within New SPA Campus, Vasant Kunj, New Delhi and you are required to delineate an area of 1:64 acre and organize the given dwelling units within the site to achieve a density of 50 DU/acre.

Maximum ground coverage should not exceed 33%.

Adequate parking should be provided as per norms.

REQUIREMENTS:

- Stage i) Inferences from literature review.
- Stage ii) Analysis of Site and Programme.
- Stage iii) Site planning including layout of units with the design and hierarchy of open spaces, circulation system, organization of parking, basic decisions on drainage and planting.
- Stage iv) Landscape Detail of two areas.

Programme : M.L.A.
Semester : IInd
Session : 2011-12

Date of Issue : 09.01.12 (Monday)
Review - I : 19.01.12 (Thursday)
Review - II : 07.02.12 (Tuesday)
Review - III : 22.02.12 (Wednesday)
Review-IV : 29.02.12 (Wednesday)
Final Submission : 07.03.12 (Wednesday)

STUDIO PROBLEM NO. 1

Role, Significance and inclusion of Waterfront and Drainage Corridors in Landscape Planning Framework for Urban Expansion

Introduction

Baddi, barotwala and Nalagarh area in Solan district of Himachal Pradesh is characterized with undulating topography, bounded by Himalayas in the north and the flood plains to the south. The scenic setting is akin to a 'gateway' to the mountains and as such, the foothill location offer a unique geographical edge that has its own environmental peculiarities. It is crucial to comprehend the visual and environmental uniqueness of the resource in order to ensure its perpetuation in the face of pressure of urbanization and infrastructure growth.

The area is being developed as an industrial hub and would attract significant urban growth. The steep slopes, fragile landform, reserved forest patches, valleys, rivulets and other water features need to be included at the onset, in developing a planning framework for the proposed development. This would be crucial to ensuring ecological sustainability for the proposed urban precinct.

Aims and objectives

The present studio problem aims to explore the myriad factors and landscape issues that come into play in the development of such urban expansions over ecologically significant settings, with a special thrust on looking at drainage corridors and potentials for development of waterfronts as an intrinsic value of the proposed urban development, while protecting their environmental characteristics.

The prime objective of the exercise would, therefore, be the creation of a framework wherein the proposed development is balanced with the land and it's unique characteristics. The students would be expected to explore and develop capabilities to comprehend regional landscape and understand its significance in structuring urban growth.

How to record and document the landscape resource as well as how to include it as a key value in ensuring that the proposed urban development is in tune with the characteristics of land, water and vegetation; would be emphasised through the studio exercise.

Tasks and methodology

- Study of existing examples of urban development where landscape characteristics of water and it's flow have been instrumental in directing the urban structure and form.

- Documentation of the regional landscape characteristics of the planning area, looking at its regional linkages and continuity with its larger environmental context and identifying clear issues with respect to topography, geomorphology, water, vegetation and visual aspects of the landscape resource.
- Understanding the nature and objectives of the proposed urban development and identifying the strengths, weaknesses, opportunities and threats associated with the same when looked at in the context of the unique geographical setting.
- Appraising the proposed master plan for suitability to its environmental context, identifying clearly the problems and shortcomings as well as positive attributes of the proposals.
- Identifying and making a clear-cut summary of landscape issues pertaining to drainage corridors and other features associated with surface and subsurface hydrology that could inform the urban structure in a positive way.
- Listing the potentials of the identified water features and creating planning and design brief for landscape development along with establishing zones for protection, conservation or development of the selected areas for recreation or other appropriate uses.
- Formulating policies pertaining to the environmental, functional and visual issues around waterways, drainage corridors, surface water bodies such as lakes and retention areas as well as features associated with ground water and the demonstration of these in suitable areas to indicate how the intention could be extended into reality.

Submission schedule

Literature review and case studies

Summary of understanding gained through the studies

Field visits

Presentation of the base data and master plan appraisal

Detailed site analysis in groups over areas identified for landscape intervention

Summary and SWOT analysis; planning and design brief; landscape issues for which intervention is sought

Site analysis for smaller area selected for design demonstration

Vision statement and concept design

Final submission

Allocation of Marks

| | | |
|------------------|---|----|
| Review-I | : | 10 |
| Review - II | : | 20 |
| Review - III | : | 25 |
| Review-IV | : | 25 |
| Final Submission | : | 20 |

Programme : M.L.A.
Semester : IInd
Session : 2011-12

Date of Issue : 19.03.12 (Monday)
Review - I : 26.03.12 (Monday)
Review - II : 09.04.12 (Monday)
Review - III : 20.04.12 (Friday)
Final Submission : 27.04.12 (Friday)

STUDIO PROBLEM NO. 2

URBAN LANDSCAPE

Introduction

Delhi has been built over nine times. The city's urban landscape is naturally dotted with tranquil environs of historical precincts jostling within a bustling urban environment, sometimes chaotic and at others, giving a semblance of created order. Several important issues emerge at the edges between the two. The interface, thus, requires special attention to seamlessly merge the old with the new.

The tenets of landscape-urbanism speak of the role of landscape as an integrator of sorts, serving to glue together seemingly disjointed areas, while at the same time looking at complex inter-linkages between related disciplines of traffic and circulation, structure planning and urban conservation.

Area for the proposed study

The present studio problem proposes to look at the northern and eastern periphery of the Purana Qila, with special emphasis on linkages in time and space that define the character of this distinctive urban precinct. To make the situation further unique, the fort premises also house the National Zoological Park, perhaps one of the most significant repositories of animal display in the country. Further, the Pragati Maidan stands as an icon of the post-independence, emergent capital, an expo that attracts millions of footfalls in its events and fairs. These, along with the high-court complex make the precinct distinctive enough to serve as a landmark for the city.

The students would be expected to conduct a detailed study of the multiple, complex and interrelated issues and highlight a clear approach to develop the urban landscape. These would include, but shall not be limited to the following:

- Activity patterns, with daily rhythm as well as periodic highlights
- Traffic and circulation, access and parking
- Urban image and appropriateness
- Micro-climate and environment
- Sustainability and adaptability
- Security, safety and ability to withstand vandalism and abuse
- Visual linkages
- History

Programme

1. The first step in the exercise would be the development of an approach towards the problem and setting out objectives for the endeavor at an individual level. This would be submitted in the form of a written paper, not more than three A-4 sized sheets.
2. This would be followed by a study from literature sources and the internet with regards to urban landscape in the international scene, looking at similar areas in cities that contain examples of integrating the past and the present in a rather seamless manner or expressing bold statements
3. A detailed study, group-wise, would then be undertaken for the proposed areas to be covered in the studio exercise. This would be presented aspect-wise as an analytical study touching upon and highlighting issues related to access, circulation, parking, open space usage and design, urban image, activity patterns etc. The list of issues would be developed as an exhaustive inventory to cover the broad spectrum of design and management concerns. You should try to record analytical rather than descriptive observation on these, so that suggestion for future change or improvement can be justified.
4. A detailed design brief must be developed by assimilating the summary of each set of issues that would be done collectively as a class and shall become the guideline for carrying out the design exercise
5. Following the study, an area within the study limits would be selected to demonstrate a clear approach towards the urban landscape through design. The design must illustrate an intensive understanding of landscape, traffic and other issues pertaining to urban and historical environment and must be supported with detailed ideas about surface textures, planning and street furniture, apart from dealing with conceptual framework to integrate the urban precinct.

Programme : M.L.A.

Semester : IInd

Session : 2011-12

PLANTS & DESIGN

STUDIO PROBLEM : LANDSCAPE DESIGN OF FARM HOUSE

SITE & LOCATION

The site is located in Rajokri. It is a roughly 2.5 acre, comprised of flat terrain, formerly, agricultural land.

The dwelling unit is located almost at the centre of the plot and is designed at two-levels. The lower level comprises of living spaces and the upper level has the bedrooms. The lower level plant is +1200mm with reference to the driveway level.

STAGES

The problem is divided into three stages:

1) Landscape Design:-

You are expected to design the spaces using landform and vegetation. The various components could be private garden, party lawn, poolside areas, putting green, orchard and fruit trees vegetable garden. The various landscape elements could be jogging/marketing path, pavilion/gazebo, water features, mound, vegetation, or any other.

2) Planting Design:-

Initially, the planting design intentions will have to be explained on the planting structure proposed, whereby you need to explain the considerations while evolving the planting design for functional, aesthetic and ecological.

3) Bill of Quantities and Estimate on the basis of the planting plan, a bill quantities with complete specifications will need to be prepared in the format explained.

SUBMISSION DATES

| | | |
|---|---|-----------|
| 1) LANDSCAPE DESIGN | : | 28.3.2012 |
| 2) PLANTING DESIGN INTENTIONS | : | 4.4.2012 |
| 3) PLANTING PLANS | : | 11.4.2012 |
| 4) SCHEDULE OF QUANTITIES & ESTIMATES | : | 18.4.2012 |
| 5) FINAL SUBMISSION WITH ALL REQUIREMENTS AFTER IMPROVEMENT | : | 26.4.2012 |

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|-----------|---|---------|-------------------------------------|---|---------------------|
| Programme | : | M.L.A. | Date of Issue | : | 28.07.11 (Thursday) |
| Semester | : | IIIrd | Review- I | : | 04.08.11 (Thursday) |
| Session | : | 2011-12 | Final Review & Submission of Part-I | : | 10.08.11(Wednesday) |

PRAGATI MAIDAN: DEVELOPMENT OF A PROGRAMME LEADING TO LANDSCAPE DESIGN

The problem will be done in two parts

Part- 1 : Formulation of design brief

Part- 2 : Design of specific areas based on design brief

PART- I

OBJECTIVES:

Formulation of an issue-oriented brief based on detailed understanding of the various design

parameters associated with a particular situation is often the key to the development of a truly responsive and successful design.

This part of the project is about a design brief to guide the landscape architect. The objective is to comprehend the process involved in identifying the parameters which would give shape to a future design, and expressing them in the form of a clearly written, illustrated statement.

PROGRAMME:

Each student is required to make an appraisal of one area and formulate an appropriate design brief for that particular zone.

The following are some aspects to be considered:

Delineation of the limits of the design area

Design opportunities, e.g. Spatial character, visual consideration.

Use: Intensity and type

Materials and costs of finishes

Services requirements

Outdoor furnishings

Signage

Safety

Environments aspects

You can assume that everything except for the structures and major movement network can be changed or modified.

REQUIREMENTS:

The design brief is to be presented in the form of a short report highlighting major issues, supported by illustrations. You would be required to verbally explain this document during the review.

PART-II of the problem will be issued subsequently.

DEPARTMENT OF REGIONAL PLANNING

COURSE OF STUDIES

Post Graduate Level

Masters Degree in Planning (with specialization in Regional Planning)

Doctoral Level

Ph.D. in Regional Planning

FACULTY

Professor and Head of the Department

Kavas Kapadia, B.Arch., PG Dip. T&CP (URP), AIIA, AITP

Professor

Dr. N. Sridharan, M.A. (Economics), M.U.R.P., P.G. Dip. In Town and Country Planning (Poland), P.G. Dip. In Financial Management, Ph.D. (RMIT, Melbourne, Australia), Certificate Course on Decentralisation and Fiscal Federalism (The World Bank), Washington D.C., USA., Certificate in Project Evaluation – National Institute of Rural Development, Hyderabad., Certificate in Project Planning and Management – ZOPP – GTZ, India, Germany

Assistant Professor

Dr. Vinita, M.A. (Geography), Master's in Planning (with specialization in Urban Planning), M.B.A in Financial Management, Ph.D. (J.N.U), Certificate course on Decentralisation and Fiscal Federalism (The World Bank), Washington D.C. U.S.A., Cartography, Remote Sensing and G.I.S. training, UGC-Centre for Advanced Studies in Geography, Jawaharlal Nehru University, New Delhi; Certificate course in PC Arc Info & Introduction to Arc view, NIIT, ESRI, New Delhi

TEACHING WORK UNDERTAKEN BY FACULTY

| Name | Semester | Subject(s) | Department of Regional Planning |
|------------------------|----------|---|---------------------------------|
| Prof. Dr. N. Sridharan | II | Land Market & Management | Department of Regional Planning |
| | II | District Planning & Rural Development | “ |
| | II | Panchayat & Village Level Planning: A case study of Dudhani Patelad, Union Territory of Dadra & Nagar Haveli | “ |
| | III | Project Planning | “ |
| | III | Decentralised District Planning: Case Study of Alapuzha District, Kerala | “ |

| | | | |
|-------------------------|------|--|---|
| | IV | Future Regions | “ |
| | IV | Project Finance | “ |
| | IV | Thesis Guidance: Impact of Industrial Development on Ribhor District of Meghalaya | “ |
| | Ph.D | Ph.D Thesis Guidance: Revisiting the Torn Hessian Fabric – critical Role of Urban Land Policies & Regeneration of Urban Environment” | “ |
| | Ph.D | Ph.D Thesis Adviser: ‘Municipal Own Resources for meeting the Benchmarking of Urban Services’. | “ |
| | Ph.D | Ph. D Thesis Adviser : Fiscal Decentralisation, Participatory spatial budgeting and MDGs | “ |
| Dr. Vinita Yadav | II | Poverty and Development | “ |
| | II | Panchayat & Village Level Planning: A case study of Dudhani Pateled, Union Territory of Dadra & Nagar Haveli | “ |
| | III | Institutional Analysis and Governance | “ |
| | III | Decentralised District Planning Case Study of Alapuzha District, Kerala | “ |
| | IV | Thesis Guidance: Forward and Backward Linkages of Migrants: A Case Study of Delhi Slums | “ |
| | IV | Ph.D. Thesis Guidance: Inclusive Development of Peri – Urban Areas | “ |

SISTER DEPARTMENT

Prof. Dr. N. Sridharan

Co-ordinator for Doctoral Programme for School of Planning and Architecture.

OUTSIDE THE SCHOOL

| Name | Special Lectures | Institution |
|-------------------------------|--|--|
| Prof. Dr. N. Sridharan | Urban Governance in Metropolitan India | HSMI, HUDCO, New Delhi |
| | Mapping Urban Poverty & Development | IIPA, New Delhi |
| | Doctoral Thesis Guidance | Gautam Buddha Universty, Greater Noida |
| | Doctoral Thesis Guidance Governance | University of Cologne & Amsterdam |
| | Urban Inequalities & Governance | Tata Institute of Social Sciences, Mumbai |
| | Urban Governance Models | Tata Institute of Social Sciences, Mumbai |
| | Identifying Research Areas & Research Methods | School of Architecture & Planning, Anna University |
| | Urban Governance | School of Architecture & Planning, Anna University |
| | Land Economics | Institute of Town Planners' India |
| | Socio-Economic Basis of Planning | Institute of Town Planners' India |
| | Project Formulation and Appraisal | Institute of Town Planners' India |
| | Social Formation & Change | Institute of Town Planners' India |
| | Doctoral Thesis Guidance | University of Delhi- Delhi School of Economics, Geography Department |

RESEARCH WORK UNDERTAKEN BY THE FACULTY

Prof. Dr. N. Sridharan

- Alternative to Master Plan, Ministry of Urban Development, Government of India.
- Chance2Sustain, EU funded Research Project.
- Using Spatial Information Infrastructure (SII) for Urban Governance Networks with University of Amsterdam.

PUBLICATION BY THE FACULTY

Prof. Dr. N. Sridharan

- “Mapping Urban Poverty for Local Governance in Delhi”, Joint paper with ISA Baud & Karin Pfeffer. Published in “Local Governance and Poverty in Developing Countries”, Ed. by Nicky Pouw and Isa Baud. Routledge Publishers, London. 2012. pp.13-171.
- “Seamless Urbanisation and knotted city growth: Delhi Metropolitan Region”, Joint paper with Hannes Taubenbock & Manisha Jain, presented in IsoCaRP International Conference **REAL CORP 2011: Change for Stability: Lifecycles of Cities and Regions**, Essen, North Rhine-Westphalia, Germany.
- “Knowledge Production in Urban Governance Systems through Qualitative Geographical Information System (GIS)”, Joint paper published in Environment and Urbanisation- Asia, 2(2) 235-250, New Delhi. November, 2011.
- “Spatial Inequality and the Politics of Urban Expansion”, Paper published in Environment and Urbanisation: Asia, 2(2) 187-204. November, 2011. New Delhi.
- “Land as a Resource for Urban Development’, Paper published by ITPI in their annual Conference, Feb. 2011. Chandigarh.
- ‘Rental Housing Models – International Experiences’, paper presented in the IIPA Seminar on Inclusive Housing, April 2011.
- Joint paper with Christine Richard & Neeraj Mishra on ‘Using SDI in Urban Governance’, organized by National Spatial Data Infrastructure, Department of Science and Technology, Govt. of India, New Delhi. December, 2011.

Dr. Vinita Yadav

- Urban Poverty: Issues and Remedies for Inclusive Development, Spatio-Economic Development Record, July-August 2011, vol. 18, no. 4, pp. 96-100.
- Intra-District Variation in Development: Case Study of Dehradun District (joint publication) submitted for publication in Indian Journal of Regional Science (Forthcoming issue)
- Role of Floor Space Index in City Sprawl: Case Study of Gurgaon (joint publication) submitted for publication in Indian Journal of Regional Science (Forthcoming issue)

SEMINAR/WORKSHOP ORGANISED BY THE DEPARTMENT

- Special Lecture by Adam Auerbatch a Fulbright Scholar from US on 27th September, 2011
- International Seminar on “Sustainable Urban Regions” in collaboration with Freidrich Ebert Stiftung, Germany in Mumbai, 5th to 8th October, 2011.
- Workshop with District development Planning Committee, Alapuzza District, Kerala held on 18th November, 2011.

SEMINARS/WORKSHOPS/SHORT-TERM COURSES/EXHIBITIONS ATTENDED BY FACULTY

Prof. Dr. N. Sridharan

- Paper titled “Review of Kerala’s Urban Strategy-2031”, presented in the National Workshop on Kerala –State Urban Strategy 2031, organized by Kerala State Town Planning Department, Trivandrum. March, 2012
- Chaired the session on ‘Metro Rail: management practices’ organized by India International Center, New Delhi. October, 2011.
- Attended and Organised the Country Workshop on Chance2Sustain, European Union Project with University of Amsterdam, CSH- New Delhi and French Research Scholars, IIC, New Delhi. September, 2011.
- Attended and organized the WOTRO, Government of Netherlands funded programme on Spatial Data Infrastructure, with the University of Amsterdam, IIC, New Delhi. September, 2011.
- Presented a paper on ‘Mapping Urban Poverty and Use of SDI in urban Governance’, in Center for Policy Research (CPR), New Delhi. September, 2011.
- Participated and presented a paper on “‘Using SDI in Urban Governance’, organized by National Spatial Data Infrastructure, Department of Science and Technology, Govt. of India, New Delhi. December, 2011.
- Chaired the session on ‘Emerging Technologies for Urban Governance’, in Delhi Technology Institute, 2011.
- Attended & Organised the International Seminar on ‘Geo Factors and Civil Crisis Prevention in Mega Cities’, with University of Mumbai, 20th June, 2011.
- Participated and presented a paper on “Impact of SEZ on surrounding land uses’, in the International Seminar organized by CSH-French Institute- India & Center for Policy Research, New Delhi. 2011.

Dr. Vinita Yadav

- Workshop on 'Human Settlements' Response to Climate Change' in New Committee Room, S.P.A, New Delhi held on 22nd March 2012
- Lecture on 'Indian Planning and Implementation challenges by Prof. Kirit Parikh, Chairman IRADe and Founder Director, IGIDR organized by Environment Planning dept. in New Committee Room, S.P.A, New Delhi held on 24th January 2012
- Workshop on 'Urban Regeneration, Participation and Sustainable Development' organized by Centre for Policy Research with LabPSM, University of Florence on 12th December 2011.
- Joint Workshop with District development Planning Committee, Alapuzza District, Kerala; Town and Country Planning Department, Govt. of Kerala and Department of Regional Planning, New Delhi at New Committee Room on 18th November 2011
- Lecture on 'Challenge in Disaster Risk Management in Asia-Focus in Global Critical Infrastructure' by Prof. Norio Okada, Kyoto University held on 21st October 2011
- Special Lecture on Political Economy of Slums: Does size, ethnicity and political hierarchy matter in access to infrastructure by Adam Auerbach a Fulbright Scholar from US organized by the Department of Regional Planning, New Delhi on 27th September 2011
- Celebrating the 15th edition of The Workshop and its association with Robert Chambers at Praxis-institute for Participatory Practices held on 10th September 2011
- Organized interaction with Thomas Isaac, M.L.A and ex Minister of Finance, & Ex-Chairperson State Finance Commission, Kerala on 27th August 2011
- Workshop with DPC members, staff of different departments and 3 MLAs i.e. G. Sudhakaran, Thomas Issac and Vishnunathan to discuss the preparation of Integrated District Development Plan organized by Planning Dept. at Alappuzha, Kerala on 23rd August 2011

MEMBERSHIP ON COMMITTEES/PROFESSIONAL BODIES

Prof. Dr. N. Sridharan

- Member Planning Board, Dadra, Nahar Haveli Development Authority, Silvassa.
- Member, Technical Advisory Committee on SDI for Shelter, Delhi State Shelter Improvement Board, New Delhi.
- Member, Technical, Implementation Committee of Delhi State Shelter Improvement Board, New Delhi.
- Member, Technical Housing and Urban Development Committee, Federation of Chambers of Commerce and Industry, New Delhi.

- Member Board of Studies, Gautam Buddha University's Department of Architecture and Planning. Greater NOIDA, UP.
- Member International JURY: European Association of Development Institutes (EADI) – Annual Conference. Bonn. Germany.
- Reviewer: Sage, India Publications in the field of Urban Development.
- Reviewer: Urban Studies – International Journal of. (2011)
- Vice President, Regional Science Association of India
- Associate Life Member, Institute of Town Planners, New Delhi.

Dr. Vinita Yadav

- Associate Life Member, Institute of Town Planners, New Delhi.
- Life Member, National Association of Geographers, India.
- Life Member, Regional Science Association of India, Calcutta

TEACHING WORK UNDERTAKEN BY VISITING FACULTY/SPECIAL LECTURES ARRANGED

| Name of the Faculty | Subject | Semester |
|----------------------------|---------------------------------------|-----------------|
| Dr. Kanchan Gandhi | Environment and Development | III |
| Mr. K.S.R.N Sarna | Project Planning | III |
| Ms. Diya Mehra | Institutional Analysis and Governance | III |
| Dr. R.K. Barik | Politics and Public Policy | III |
| Dr. Sachin Choudhary | Politics and Public Policy | III |
| Ms. Gazala Jamil | Rehabilitation & Resettlement | III |
| Dr. Nirmalendu Kumar | Spatial Data Infrastructure | III |
| Mr. Shubham Mishra | Spatial Data Infrastructure | III |
| Dr. S.K. Kulshrestha | Studio | III |
| Prof. Surinder Aggarwal | Studio | III |
| Mr. Shubham Mishra | Studio | III |
| Prof. Dr. H. Ramachandran | Studio | III |
| Prof. Dr. H. Ramachandran | Planning for Regions | II |
| Prof. Dr. S.D. Joardar | Planning for Regions Thesis | IIIV |
| Prof. J.H. Ansari | Infrastructure Management | II |

| | | |
|-------------------------|---|----------------|
| Dr. R. Biswas | Infrastructure Management | II |
| Mr. Mahipal | District Planning & Rural Development | II |
| Dr. Banashree Banarjee | Land Markets & Management | II |
| Dr. S.K. Aggarwal | Climate Change & Its impact Thesis | II IV |
| Dr. S.K. Rohilla | Climate Change & Its impact | II |
| Dr. Kanchan Gandhi | Climate Change & Its Impact | II |
| Dr. Shabana khan | Climate Change & Its Impact | II |
| Ms. Chetna Singh | Poverty & development | II |
| Mr. Shubham Mishra | Studio | II |
| Dr. S.K. Kulshreshta | Studio Legal Issues in Planning and Professional Practice Thesis | II IV IV |
| Dr. K.K. Pandey | Financing & Development | IV |
| Dr. Sanjeev Saxena | Legal Issues in Planning and Professional Practice | IV |
| Dr. Manoj K Jha | Participatory & Community Planning | IV |
| Dr. Neera Agnimitra | Participatory & Community Planning | IV |
| Dr. Partho Mukhopadhyay | Future regions Thesis | IV IV |
| Dr. Pushpa Pathak | Future Regions | IV |
| Dr. Sachin Choudhary | Future regions | IV |
| Dr. Diya Mehra | Future regions Thesis | IV IV |
| Dr. Pushpa Pathak | Future Regions | IV |
| Dr. R.K. Barik | Public Policy Analysis and Evaluation | IV |
| Dr. Sachin Choudhary | Public Policy Analysis and Evaluation | IV |
| Dr. B.C. Dutta | Thesis | IV |
| Mr. K.K. Yadav | Thesis | IV |
| Dr. Srirangan | Thesis | IV |
| Mr. P.S. Utterwar | Thesis | IV |

STUDIO/FIELD ASSIGNMENTS

THIRD SEMESTER STUDIO EXERCISE: JULY TO DECEMBER 2011

DECENTRALISED DISTRICT PLANNING: CASE STUDY OF ALAPUZHA DISTRICT, KERALA

Ever since the implementation of the 73rd and 74th Constitutional Amendment Act, Kerala has been experimenting with Decentralised District Planning. The Integrated District Development Plan (IDDP) being prepared in various Districts of Kerala involves Peoples' Participation at various levels. It covers all the sectors of the economy and integrates various elected and administrative institutions in the planning process. As a part of the third semester, an exercise in the Integrated Decentralised District Development Plan preparation for Allapuzha District in Kerala has been taken up in association with the District Planning Committee (DPC) of Allapuzha.

Allapuzha District, a smallest district of Kerala and having a population of 21,05,249 (in 2001) with an area of 1414 sq.km., is surrounded by Ernakulam District in North, Kottayam in East and Kollam in the South and Arabic Sea on the west. The district has the second highest density of 1492 persons per sq.km. next to Thiruvananthapuram District. The district has many inland waterways crisscrossing its land and a potential tourism spot. It has five municipalities, one district Panchayat, 12 Block Panchayats and 73 Gram Panchayats. It has two revenue divisions of Allapuzha and Chengannur and six Taluks.

The Aim of the Studio was to prepare an Integrated Decentralised District Development Plan

(IDDP) through Peoples' participation in coordination with the elected representatives and officials of the Zilla Parishad, village representatives, and others. Within the Integrated District Plan, the main focus was on inland water management, infrastructure, agriculture, tourism, and poverty.

A detailed district development plan was prepared and presented to the Zilla Parishad (District Administration) for implementation. The Kerala Government accepted this.

II SEMESTER STUDIO EXERCISE: JANUARY- MAY 2012

VILLAGE AND BLOCK DEVELOPMENT PLAN PREPARATION: DUDHNI PATELAD (BLOCK), UNION TERRITORY OF DADAR AND NAGAR HAAVELI

The 73rd and 74th Constitutional Amendment Act has re-emphasized the role of participatory planning process. Taking the lead, many states have gone for participatory planning. However, often the word 'participatory' is used more towards 'State centric' approaches and assumes that the 'state' is the provider of all services and the 'people' as beneficiaries and the people are expected to participate in what ever way the state requires them to participate. Still this approach is not being followed in the spatial planning process in many states of India. This exercise is to explore how to identify the issues at the village level and scale it up at Block/Taluka and District Level to prepare a 'people centric plan' from the grass root level. Following the Planning Commission's guideline on District Planning and using GIS as a tool to analyse, this exercise attempted a Village Level Plan based on 'People's Vision for their Village' and how to integrate in to the Block/Taluka and District Plans in the Union Territory of Dadra and Nahar Haveli. Emphasis

was given for spatial mapping of issues and vision so that it can get translated into space.

Methods/Approaches

As a part of the Plan preparation at the Village and Block/Taluka Level, SPA students has taken up two villages each in two Blocks/Talukas at least one representing marginalized groups in each Block/Taluka. First the students are expected to identify the villages in consultation with local officials, and visit the Block/Taluka Offices to gather information. They will also simultaneously identify the villages to be mapped in detail using various methods such as Participatory Rural Appraisal, Spatial Mapping Techniques, informal interviews, and Stakeholders discussion (especially for women, children and senior citizens separately) to chart out the vision for the village as perceived by the villagers and Block/Taluka Officials. Based on their expertise they will prepare a draft multi- disciplinary/multi-sectoral plan for the village, which will be presented to the villages before they come back. After incorporating the discussions, these suggestions from the people will be finalized after a thorough analysis of the issues based on the suggested vision and vetted before the officials/ researchers. These will be sent back after incorporating the necessary changes in the report.

DISSERTATION TOPICS UNDERTAKEN BY STUDENTS- IV SEMESTER (January – May, 2012)

| Roll No. | Name of the Students | Thesis Topic |
|-----------------|-----------------------------|--|
| RP/1010/2010 | Abhishek Gaurav | Impact of Urban expansion on Small towns in Ranchi District |
| RP/1011/2010 | Apara Banerjee | Impact of Transport Link in Regional Development: Case study of Bara Mohan Singh |
| RP/1012/2010 | Ahana Roy | Transformation of urban Agglomeration in an Agricultural Belt: Case study of Malda |
| RP/1013/2010 | Rosy Gogoi | Adapting to floods-A Case study of the Brahmaputra Floodplains |
| RP/1014/2010 | Vandana Sonalki | Forward and Backward Linkages of Migrants: A Case Study of Delhi Slums |
| RP/1015/2010 | Oindrila Sengupta | Expansion of Malegaon and its impact on the surrounding areas |
| RP/1016/2010 | Neha Sunil Potdar | Role of Agro- based industries in Regional Development: A case study of Baramati |
| RP/1018/2010 | Sanghamitra Sen | Impact Of Industrialisation In Tribal Areas: Byrnihat Khanapara Scheme Area, Meghalaya |
| RP/1019/2010 | Adarsh Viswam | Transformation of a village– Case Study Kumily, Idukki District |

| | | |
|--------------|------------------------|---|
| RP/1020/2010 | Prajwal Koduru | Regional Impact of Shipyard cum Port complex Development |
| RP/1021/2010 | Vemineni Vamsi Krishna | Development of a town in an Agriculture region - Case study of Gudur, A.P |
| RP/1022/2010 | Manish Kumar Dahiya | Land Transformation and its impact on Murthal Village |
| RP/1024/2010 | Imlitangit Ozukum | Development Potential of Dimapur Town |
| RP/967/2009 | Totak Acharjee | A strategy for poverty reduction- case study of Jaipur District |
| RP/968/2009 | Himadri Shekhar Dey | Impact Assessment of Delhi – Metro in NCR- Case study of Jahangirpuri- Gurgaon Corridor |
| RP/973/2009 | Anjan L. Halemane | Impact of tourism on district development: Case Study of Mysore District |

THESIS TOPICS UNDERTAKEN BY Ph.D SCHOLARS

| NAME | TOPIC | GUIDE |
|------------------|---|--|
| Ms. Aparna Das | Revisiting the Torn Hessian Fabric – Critical Role of Urban Land Policies & Regeneration of Urban Environment | Prof. Dr. N. Sridharan & Dr. Banashree Banerjee |
| Mr. A.K. Mehta | Municipal Own Resources Mobilisation and Service Land Efficiency | Prof. Dr. N. Sridharan Prof. Kavas Kapadia Dr. K.K. Pandey |
| Ms. Chetna Singh | Inclusive Development of Peri – Urban Areas. | Dr. Vinita Yadav Prof. Dr. N. Sridharan |
| Mr. Vidya Sagar | Decentralisation, Participatory Budgeting and the Delivery of Urban Services. | Prof. Dr. N. Sridharan |

BOARD OF STUDIES (EXTERNAL MEMBERS)

- | | |
|--|---|
| <p>1. Dr. Vandana Sharma Deputy Director General National Informatics Centre SCOPE Complex New Delhi – 110 003</p> | <p>2. Prof. Dr. Neera Agnimitra C-6/38, First Floor Safdarjung Development Area New Delhi – 110 016</p> |
|--|---|

3. Dr. Suresh Rohilla
Regional Planner
A-12/14A, DDA Flats
Kalkaji Extn.
New Delhi – 110 0019

DEPARTMENTAL RESEARCH COMMITTEE

1. Prof. (Dr.) Manoj Kumar
Department of Social Work &
Sociology
Delhi University,
Delhi -110 007
2. Dr. Partha Mukhopadhyay
Center for Policy Research
Chanakya Puri,
New Delhi – 110 021

VISITORS IN THE REGIONAL PLANNING DEPARTMENT

1. Prof. Dr. Philippe Cadene
Department of Geography
University of Paris, Paris
2. Prof. Dr. I.S.A.Baud
Director,
Amsterdam Institute of
Development Studies
University of Amsterdam,
The Netherlands
3. Dr. Eric Dennis
Institute of French Research (IFP)
Pondicherry
4. Dr. Marie Helen Zerah
Urban Economist
Center de Humaines Sciences (CSH)
French Research Institute,
New Delhi.
5. Dr. Gerraint Ellis
University of Queens
Belfast, Northern Ireland
United Kingdom
6. Ms. Meenakshi Vandani,
Faculty, Pratt Institute,
New York, USA
7. Dr. Adam Auerbatch
Fulbright Scholar, USA
8. Prof. Raffaele Paloscia
University of Florence,
Florence, Italy
9. Dr. Sohail Ahmad
United Nations Institute of Research
and Development (UNIRD)
Tokyo, Japan.
10. Prof. Dr. Frauke Kraas,
University of Cologne, Germany.
11. Dr. Carsten Busch,
University of Cologne, Germany

12. Ph.D. and Master's by Research Scholars from the following University visited the Department and interacted with our Faculty and students:
 - a. University of Amsterdam
 - b. University of Queens, Belfast, Northern Ireland, UK
 - c. University of Cologne, Germany
 - d. University of Florence, Florence, Italy
 - e. Michigan State University, USA
 - f. University of Stuttgart, Germany
 - g. University of Zulu, Johannesburg, South Africa
 - h. University of Heidelberg, German

MOU SIGNED

Joint Advanced Erasmus Mundus Master's course "Urban Challenges" Hafer City University, Hamburg.

Major activities of the Regional Planning Department:

- Students presented paper on 'Participatory Planning: From Grass root to Block level, Idukki, Kerala" in the International seminar at University of Florence, Italy from June 26 – July 02, 2011
- 3rd Semester Regional Planning students attended and presented paper on "Participatory, Decentralized District Level Planning using GIS from Kerala State" in the international conference titled 'Just cities (Just Technology)' organized by Friedrich Ebert Stiftung-a German foundation in Mumbai from Oct 16 to 18, 2011
- 3rd Semester Regional Planning students attended and presented paper on "Paradigm Shift in Regional Development: Planning and Perception" in 43rd Annual Regional Science Conference on Emerging Issues in Regional Development at University of Mumbai held on Jan 13-14, 2012.
- Students presented work on "Integrated District Plan-2020 for Alapuzha District" in a Joint workshop organized by Department of Regional Planning, School of Planning and Architecture, New Delhi in association with District development Planning Committee (elected representatives) and officials of the District, Alapuzza District, Kerala and Department of Town Planning, Kerala in Delhi on 18th November, 2011.
- Students prepared exhibition material and attended the Urban Conference at Mysore from 17 to 20 November 2011
- Preparation of Integrated District Plan for Alapuzha District jointly with Town and Country Planning Department, Government of Kerala and District Planning Committee, Alappuzha and its presentation in Alapuzha, Kerala. October, 2011.

- Students presented research work on 'Drivers of urban change' at Centre of Policy Research, Chanakyapuri, New Delhi on April 17, 2012.
- Students presented a research work on "Urban Dynamism in small and medium towns" in Centre de Sciences Humane, New Delhi on March 07, 2012.
- Students participated in workshop on 'Geo factors and Civil Crisis Prevention in Mega Cities at Mumbai, organized by the School of Planning and Architecture, New Delhi along with University of Cologne, Germany held on June 20, 2011.
- Organized interaction with Thomas Isaac, M.L.A and ex Minister of Urban Development, Kerala at Alappuzha, Kerala on 27th August 2011
- Organized a day's meeting with District Planning Committee members, MLAs and varied department officials at Alappuzha, Kerala on 23rd August 2011

DEPARTMENT OF TRANSPORT PLANNING & CENTRE FOR TRANSPORT STUDIES

COURSE OF STUDIES

Master's Degree in Planning with specialization in Transport Planning

FACULTY

Head of the Department

Sewa Ram, B.Tech (Civil), MP(TP)
AITP, MIUT

Professor

A.K Sharma, B.E (Civil), P.G Diploma in T&CP (TTP), AITP, MCIT

P.K.Sarkar, B.E. (Civil), P.G. Dip. T&CP (TTP), M.Sc. Transport Engg. (U.K.), Ph.D MIHT (UK),
AITP, MIE (India) MIRT, MIUT

Sanjay Gupta, M.Sc., MTP, Ph.D, FITP, MCILT (UK), MTPS(UK), MWSTLUR, MIATBR, MIUT,
MIRT, MIRC

TEACHING WORK UNDERTAKEN BY THE DEPARTMENT

1. Sewa Ram Highway Planning and Design, II Sem. MP(TP)Traffic Engineering II Semester MP(TP)Planning & Design Studio II Sem. MP(TP)Transport Infrastructure Design III Sem. MP(TP)Design Studio III Sem. MP(TP)Thesis Guidance IV Sem. MP(TP)
2. A.K. Sharma Transport Infrastructure Design III Sem. MP(TP)Planning & Design Studio, II Sem. MP(TP)Design Studio III Sem. MP(TP)
3. P.K. Sarkar Thesis Guidance, IV Sem. MP (TP) Urban Transport Planning, II Sem. MP (TP) Planning & Design Studio, II Sem. MP (TP) Engineering Economics, III Sem. MP (TP) Planning & Design Studio, III Semester, MP (TP) Thesis Guidance, IV Semester, MP Research Guidance (Ph.D).
4. Sanjay Gupta Public Transport System Planning, II Sem. Design Studio, II Sem. M.P. (T.P.) Logistics & Distribution Management, III Sem. M Analytical Transport Planning, III Sem. M.P. (T.P.) Design Studio, III Sem. M.P. Thesis Guidance, IV Sem. Transport Policy, Legal and Instt. Framework. IV Sem. M.P. (T.P.)

FOR SISTER DEPARTMENTS

1. Sewa Ram Infrastructure and Transport Planning, I Sem., M. Planning Planning & Design Studio, I Sem. M. Planning.
2. P.K. Sarkar Infrastructure and Transport Planning, I Sem. M. Planning Planning & Design Studio, I Sem. M. Planning. Ph. D. Research Guidance, Urban Planning.
3. Sanjay Gupta Planning & Design Studio, I Sem. M. Planning, Integrated

RESEARCH WORK UNDERTAKEN BY THE FACULTY

Doctoral Research Programmes

1. Planning and Design Guidelines of Roundabout in mixed Traffic condition (Scholar - Sewa Ram, Guide - Prof. P. K. Sarkar)
2. Assessment of Impact of Traffic Noise on Residential Community, Case Study : Delhi Urban Area (Scholar – Aqeel Ahmed Syed, Guide - Prof. P. K. Sarkar)
3. Benchmarking Public Transport Performance in Indian Cities (Scholar R.K Jain, Guide- Prof. Sanjay Gupta)
4. Influence of Land Use, Transport System and Socio- Economic Factors on Travel Behavior at Neighbourhood Level (Scholar Ms.Amit Arora, Guide - Prof Sanjay Gupta)

PUBLICATIONS BY THE FACULTY

Sewa Ram

1. Planning of inter city corridor, International journal of Earth Science, Nov.,2011

P.K. Sarkar

- 1 Study on Impact of Variable Message Signs (VMS) in regulating Urban Traffic Institute Urban Transport –Journal Volume 10, No1, Aug 2011
- 2 Development of Logit Model in the Improvement of Public Transport in Mysore, Journal of Indian Road Congress, HRB, 2011
- 3 Capacity of Arterial Roads in Delhi Urban Area Paper presented in National Workshop on Indo-Highway Capacity Manual, Nov24-25,, 2011
- 4 Development of Inland Water Transport Facilities, published in Project Vendor Magazine, Mumbai, Feb,2012
- 5 Role of Public Private Partnership in Improving Bus Services- An Example of Indore Bus Services, Article published in CRRI Souvenir on National Get Together on Road Research & its Utilization , organized bythe CRRI, , March 1-2, 2012

- 6 Safety at Transit Area, Article published in Souvenir of 6th IRF Conference, Road Safety Strategy in India-Action Plan, New Delhi, 3-5th October, 2011
- 7 An Effect of Bus Stop on Capacity of Urban Roads, , published in Project Vendor Magazine, Mumbai, Nov,2011

Sanjay Gupta

1. Land Use Transport Perspectives in Indian Cities, presented at International India Urban Conference (IUC), organised by Janagraha, Mysore Nov. 2011
2. Mobility Characteristics of Users in Mass Transit System in Metropolitan City of Delhi: Case Study Delhi Metro, Conference Proceedings of Urban Mobility India 2011 organised by Institute of Urban Transport (India) , Delhi, Dec. 2011
3. Mobility Patterns in Residential Neighbourhoods of Delhi : Characteristics and Issues, Conference Proceedings of Urban Mobility India , organised by Institute of Urban Transport(India), Delhi, Dec. 2011
4. Cycle Rickshaw-A useful but neglected transport option in Indian cities, key paper presented at Workshop on Issues and Strategies for Non- Motorised Transport, organised by Central Road research Institute , Delhi, 23rd Jan. 2012
5. Need of Effective Practices to Enhance Skills for Library Users in University Environment, published in Conference proceedings of Library and Information Professionals Summit (LIPS -2012), organized by Society for Library Professionals, Delhi University, 16th-17th March 2012
6. Published, as Chairman Editorial Board, an issue of Urban Transport journal for Institute of Urban Transport (India) , New Delhi
7. An article about CASS/GIS and Remote Sensing Centers of SPA published in ESRI India Arc India News
8. An article about SPA published in Air India- inflight magazine

SEMINARS/WORKSHOPS/SHORT-TERM COURSES ATTENDED BY THE FACULTY

Sewa Ram

1. Urban Mobility India 2011 Conference organised by Institute of Urban Transport, India, Delhi, Dec. 2011 (Member of International Committee of Draft Resolution, key presenter of proceeding of the conference, incharge of organizing technical sessions)
2. Workshop on Issues and Strategies for Non- Motorised Transport organised by Central Road Research Institute, New Delhi, 23rd Jan. 2012
3. Workshop on Sustainable Transport for Mega Cities, 15th Jan. 2011, SPA, Delhi

A. K. Sharma

1. Workshop on Sustainable Transport for Mega Cities, 15th Jan. 2011, SPA, Delhi

P.K. Sarkar

1. Chairman in Technical Session on Land-use and Transport of International Conference on Urban Mobility – India organized by Ministry of Urban Development, GOI and Institute Urban Transport (India), 3rd to 5th December, 2011, New Delhi
2. Key Speaker and Panelist in Technical session on Workshop on 'Issues & Strategies for Non-Motorized Transport Modes, Jan, 2012 held at CRRI, New Delhi
3. Attended 194th Council Meeting of IRC at Agartala, 14-15th May, 2011 as Council Member of IRC
4. International Conference on "Climate Change" in Slovenia, Europe Climate September, 2010
5. Participated as Chairman of Sub-Committee for Finalization of IRC: S.P: 103, Guidelines for Pedestrian Facilities at the 72nd Annual session of IRC, Lucknow, 3-6, Nov, 2011
6. Attended a number of Meetings as Research Council Member to promote research and consultancy activities at National Traffic Planning and Research Centre at, Tiruvanthapuram, Kerala

Sanjay Gupta

1. International India Urban Conference (IUC), organised by Janagraha, Mysore Nov. 2011 (presented paper)
2. Urban Mobility India 2011 Conference organised by Institute of Urban Transport, India, Delhi, Dec. 2011 (Chaired a Technical session and had two paper presentations)
3. 12th ESRI India User Conference, 7th-8th Dec. 2011, Noida
4. Workshop on Issues and Strategies for Non-Motorised Transport organised by Central Road Research Institute, New Delhi, 23rd Jan. 2012 (Chaired a Technical session and presented paper)
5. Basic and Advanced Training Course on VISSIM, organized by PTV traffic mobility logistics, Delhi, 7th-8th Feb. 2012
6. Workshop on "Talking Transit" – public transport terminals and support facilities, organized by EMBARQ India, Bengaluru, 16-17th Feb. 2012 (Chaired a Technical session)
7. National Workshop on Alternate to Master Plan Approach organized by School of Planning and Architecture, IHC, New Delhi 16th March 2012

SEMINARS / CONFERENCE / SEMINARS / IMPORTANT EVENTS CONDUCTED BY THE DEPARTMENT

1. Half day discussion and talk on Sustainable Transport Development Policies by Dr. Michael Reploge ITDP, 8th Dec., 2011
2. Half day discussion and talk on Transport and Environment, emerging issues at International level Dr. Greg Marsden ITS Leeds University

MEMBERSHIP ON COMMITTEES / PROFESSIONAL BODIES OF FACULTY

Sl. No. Name of Faculty Membership

1. Sewa Ram
Associate Member, Institute of Town Planners, India
Member, Indian Roads Congress
Member, Institute of Urban Transport (India)
Member of H-8 Committee of Urban Roads Streets & Transport, IRC
Member, Selection of Research Associate/Project Associate CRR I
Member, Committees Delhi Traffic Police
Member of different committees for promotion and appointment in SPA
Member of Executive Council in SPA
2. A.K. Sharma
Member, Institute of Town Planners (India)
Member, Indian Roads Congress
Member, State Commission on Urbanisation of Rajasthan
Member, Governing Council of HSMI (HUDCO)
Member, Expert Com. on Tagore Centers/Parisars for the Ministry of Culture
Member, Inspection team of UGC
Member of the Bhure Lal Committee – Parking Reforms for Livable City
Member, National Appraisal Committee – II of Ministry of Culture
Member, Advisory & Monitory Committee for Technology Interventions for Elderly of Department Science & Technology.
3. P.K. Sarkar
Member, Governing Body of the Institute of Urban Transport, the Ministry of Urban Development
Member, IMRA Committee, IRC, New Delhi
Member, Organizing committee of the Conference- cum- Exhibition on Urban Mobility to be held 3 – 5th December, 2010, MOUD
Member, Research Advisory Committee, National Transportation Planning and Research Centre (NATPAC), Thiruvananthapuram, Kerala
Member, Assessment Committee, Council of Scientific Research, New Delhi
Member, Council of Engineers, India
Member, Technical Committee on Urban Roads, Indian Road Congress, New Delhi

Visiting Faculty at NITHE, Ministry of Road Highway & Transport, New Delhi

Visiting Faculty at NIT, Surat

Member of Evaluation Committee of DMIC Corporation, ILFS

Member of Implementation, Monitoring and Research Activities of IRC, New Delhi

Member of Highway Research Committee (HRB) of IRC

Member of Transport Planning & Traffic Engineering Committee of IRC

Member, Evaluation Committee, ITPI

Examiner of , ITPI

Member of Highway Specifications and Standards Committee of IRC.

4. Sanjay Gupta

Fellow Member, Institute of Town Planner, India

Member, National Council of Chartered Institute of Logistics & Transport in India

Member, Chartered Institute of Logistics & Transport (UK)

Member, Transportation Planning Society (UK)

Member, International Association of Travel Behaviour Research (IATBR)

Member, World Society for Transport and Land Use Research (WSTLUR)

Life Member, Institute of Urban Transport (India)

Member, Indian Roads Congress

Life Member, Institute of Rail Transport

Chairman, Publication Committee, Institute of Urban Transport (India)

Member, Research Board, Institute of Urban Transport (India)

Member, Technical Monitoring Committee GEF-SVTP,

Ministry of Urban Development GOI

Expert Member, Sub-Committee on Transit Oriented Development Guidelines and Delhi Master Plan -Transport, UTTIPEC,

Member, Highway Research Board , Indian Roads Congress.

Member, Selection Committee for National Awards for

Urban Transport, Ministry of Urban Development, GOI, 2011

Member, Technical Monitoring Committee of GEF

Sustainable Urban Transport Project (SUTP), Ministry of

Urban Development, Govt. of India, 2011-12

Member, Core Group Creation of National Urban Data base using Secondary sources, Ministry of Urban Development, Govt. of India,
 Member, Transport Planning, Traffic Engg. & Road Safety Committee (H-1), Indian Road Roads Congres
 Life Member, Association for Transport Development, India
 Member, Regional Science Association, India
 Member, Evaluation Committee, ITPI
 Member, Editorial Board, SPA Journal
 Member, SPA Vision Document Preparation Committee

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY

Institutional Consultancy Projects

1. Zonal Master Plan for Mount Abu Eco Sensitive Z zone

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY/ SPECIALISTS (II & IV SEMESTER)

| Sl. No. | Visiting Faculty | Teaching Work |
|----------------|-------------------------|--------------------------|
| 1. | Dr. S.Velmurugan | Lecture |
| 2. | Dr. Devesh Tiwari | Lecture |
| 3. | Sh. N.C. Satyawadi | Lecture |
| 4. | Prof. Lakshmikanthan | Studio |
| 5. | Sh. Y.P. Sachdeva | Studio |
| 6. | Sh. Sandipan Goswami | Studio |
| 7. | Sh. Amit Bhatt | Lecture/Studio |
| 8. | Sh. Sharad Mohindru | Studio |
| 9. | Dr. G. C. Tripathi | Lecture |
| 10. | Sh.Dinesh Bhardwaj | Studio/Thesis Guidance |
| 11. | Sh. Hiren Patel | Lecture/ Thesis Guidance |
| 12. | Sh. Anil Minhas | Lecture |
| 13. | Sh. A. S. Lakra | Lecture |
| 14. | Sh Jaspal Singh | Lecture |
| 15. | Ms. Anvita Arora | Lecture/ Thesis Guidance |
| 16. | Sh. H. M. Naqvi | Lecture |
| 17. | Sh. A. K. Gupta | Lecture |
| 18. | Sh. Mashkur Ahmed | Lecture |

| | | |
|-----|--------------------|-------------------------|
| 19. | Sh. D. K. Saluja | Thesis Guidance |
| 20. | Sh. Subhash Chand | Studio/ Thesis Guidance |
| 21. | Dr. K. Ravinder | Thesis Guidance |
| 22. | Prof. R. C. Gupta | Thesis Guidance |
| 23. | Sh. M. S. Upadhye | Thesis Guidance |
| 24. | Ms. Akshima | Thesis Guidance |
| 25. | Sh. Anupam Vibhuti | Thesis Guidance |
| 26. | Dr. Mandar Khanal | Thesis Guidance |
| 27. | Dr. L. R. Kadiyali | Thesis Guidance |
| 28. | Sh. G. S. Awana | Thesis Guidance |
| 29. | Dr. Purnima Parida | Thesis Guidance |
| 30. | Dr. E. Madhu | Thesis Guidance |
| 31. | Dr. S. M. Sarin | Thesis Guidance |

(III SEMESTER)

| | | |
|-----|---------------------------|----------------|
| 1. | Sh. K.G. Malik | Lecture |
| 2. | Sh. N. Nagabhushana | Lecture |
| 3. | Prof. Santanu Roy | Lecture |
| 4. | Sh. Krishna Kumar | Lecture |
| 5. | Dr. Mandar Khanal | Lecture/Studio |
| 6. | Dr. P. R. Laksmikanthan | Studio |
| 7. | Sh. Sharad Mohindru | Studio |
| 8. | Dr. Purnima Parida | Studio |
| 9. | Sh. D. Sanyal | Studio |
| 10. | Prof. R. C. Gupta | Studio |
| 11. | Sh. A. Mohan Rao | Studio |
| 12. | Ms. Priyanka Bhattacharya | Studio |
| 13. | Prof. S. N. Mishra | Studio |
| 14. | Sh. Subhash Chand | Studio |

A number of special lectures were also organized by the Department by inviting domain experts in various fields of transportation as part of the core course on Transport Policy, Legislation and Policy framework.

STUDIO ASSIGNMENTS

Second Semester

Studio : Transport Plan for Nashik (Studio Director : Prof. Sanjay Gupta)

This studio exercise was undertaken during the period Jan 2012 to April 2012. The aim of the exercise was to prepare a Transport Plan for the city of Nashik. A field trip to the city of Nashik was organized in the month of Jan. 2012 to collect necessary primary and secondary data. Various primary surveys and studies were conducted in the city which included Traffic volume counts, Origin Destination study, Speed and Delay, network inventory, parking and terminal surveys, Household travel surveys, public transport studies, establishment surveys and pedestrian studies. The data collected was analysed to assess existing characteristics and identify various problems, issues and constraints. Based on the travel patterns, network characteristics, demographic and socio economic characteristics the base year travel demand models were developed using CUBE software. Necessary calibration and validation of models were carried out. Keeping in view the temporal trends of demographic and socio economic parameters along with the inputs from various plan documents prepared in the past planning forecast for the study area was carried out for the horizon year 2030. Alternate urban development strategies for the study area were evolved taking into account urban form and structure parameters such as size, density, transport network etc. resulting in spatial distribution of projected population and employment distribution. Travel demand forecasts were made for the horizon year alternate urban development strategies and transport plan proposals were formulated for the most appropriate development strategy.

Engineering Stream Studio

Third Semester (August - December, 2011)

Studio : Road Safety Audit of Barapullah Elevated Corridor and its Extension towards Naraina and Mayur Vihar

Guide: (Associate Prof. Sewa Ram)

Group Members: Ankur Shivhare, Namit Kumar, Yash Chowdhary, Sucheta Yarakala, Saurabh Shishpal, Mukesh Kumar.

The aim of this study was to do the post opening road safety audit of the Barapullah elevated corridor and to prepare alignment towards Karol Bagh and Janakpuri (in west) and Mayur Vihar and design interchanges wherever required.

The checklist for post road safety audit was prepared on the basis of Austroads Manual, US RSA Manual 2007, IRC RSA Manual, Tanzania RSA Guide 2009 and appreciation of the corridor was done. Primary surveys like spot speed survey, traffic volume count, speed and delay survey, origin and destination survey were carried out. Detailed layout map for the corridor was collected from secondary source to study the design parameters. Interchanges were designed from DND towards Barapullah corridor, near JLN stadium, on Upper Ridge road, near Safdarjung Flyover, on Carriappa Marg.

After the detailed analysis design of each interchange was prepared and compared with the design guidelines. It is found that travel time from Mayur Vihar to Upper Ridge Road, 15kms (approx.) will be 30 mins (approx) at a speed of 50 km/hr. At present it takes approximately 1 hour via Ring road. Time taken to travel from Mayur Vihar to Pankha Road, 14 kms (approx) will be 28 min (approx.). At present it takes approximately 1 hour via Ring Road. Thus it is concluded that proposed alignment will result in saving of vehicle hours, passenger hours, saving of energy and reduction of pollution.

Design of Alignment of Monorail Project Corridor, Case Study – Rohini Sector – 21 to Jhandewalan, New Delhi

Guide : (Associate Prof. Sewa Ram)

Group Members : Ankur Shivhare, Namit Kumar, Yash Chowdhary, Sucheta Yarakala, Saurabh Shishpal, Mukesh Kumar

The aim of this study was to design the alignment of monorail project corridor from Rohini Sector – 21 to Jhandewalan along with planning and design of stations.

For the study, primary surveys like land use survey, road inventory were carried out. Passenger load at each station was collected from secondary sources. Station design, route alignment (horizontal and vertical), circulation around the station, access and dispersal around the station, integration of monorail with pedestrian and subway facility and bus bay design were prepared.

After the detailed design of route and station, they were compared with the design guidelines. It is found out that this route of monorail will reduce travel time between residential areas to work centre and will also acts as a feeder to metro.

Planning Stream Studio

Third Semester (August - December, 2011)

(Studio Director- Prof. Sanjay Gupta)

Aug- September 2011

Studio 1: Developmental impacts along an inter-city corridor, Case study-Kundli-Manesar-Palwal Expressway

The main aim of the study was to assess the developmental impacts along an inter- city corridor with the case study of proposed Kundli – Manesar palwal Expressway .The study involved an in - depth literature review carried out to appreciate the developmental impacts of inter- city corridors and collate the best practices. A series of primary surveys were carried out along the existing case inter- city corridors of NH-1 and NH-8 for inter –urban stretches between outer Delhi and the point from where KMP takes off on both the two corridors. The surveys included abutting land use profiling , land value survey and establishment survey to assess the existing land use, land value and establishment characteristics respectively. Based on in-depth analysis of survey data and analytical approach involving accessibility analysis the developmental impacts (both spatial and temporal over time) were assessed both at district , town level and immediate catchment area of

the case corridors . Based on the accessibility based model developed involving accessibility index, traffic generation, settlement size and functional base for the case corridors the developmental impacts of proposed KMP corridor were estimated. These developmental impacts were assessed in terms of regional settlement structure (size and functional base), land use & land value and traffic impacts at three levels . At the macro level the impacts on regional settlement structure in terms of size, urbanization level and functional base was estimated as a result of improved regional accessibility levels for all the districts in Haryana state . At micro level for all major towns and cities along Kundli- Manesar- Palwal Expressway the impacts in terms of settlement size, functional base and traffic generation of settlements lying within the vicinity of KMP corridor was assessed while at meso level the impacts in terms of land use, land value and traffic generation in the immediate catchment area of about one sq. km after the controlled area boundary of KMP Expressway were assessed.

Oct.- Dec 2011

Planning and design of a Multi-Modal Logistics Park (MMLP), Case study-Dadri MMLP
(Studio Director : Prof. Sanjay Gupta)

The main aim of the study was to plan and prepare a conceptual layout design of proposed Multi-Modal Logistics Park at Dadri. The study involved an in -depth literature review carried out to appreciate the planning and design principles of multi modal logistics hubs in general and MMLP's in particular to collate the best practices . Planning norms and standards for MMLP were established based on best practices both for international and national case studies., present practices in India and contextual situation Secondary data was collected on freight traffic in the region was collected at various Inland Container Depots in the hinterland of the proposed site and the likely traffic which would be handled at the proposed MMLP site at Dadri based on the accessibility indices, regional freight traffic environment, type of traffic and handling capacity of the proposed site was estimated . Based on the best practices of planning norms, contextual situation coupled with likely traffic to be handled at the proposed site the land allocation for various activities within MMLP was estimated . Alternate conceptual layout plans for proposed MMLP were evolved keeping in view the development concept ,site conditions including land availability, road and rail linkages etc. and these were evaluated to finalise the selected layout plan.

Management and Economics Stream Studio

II Semester Studio

Viability Study Personal Traffic Transit System, a case study of Gurgaon

Gurgaon Development Authority is actively considering introduction of PRT system for a length of 42 km in Gurgaon. Keeping this in view, an attempt was made by the III sem. Transport Planning students to undertake viability study for PRT system in Gurgaon. As a part of academic exercise, the study was limited up to a length of 7 km instead of the 42 km. A number of traffic studies were conducted in order to assess the travel demand of the travel corridor for the length of 7 km. Traffic projection was also made for horizon years. The details of technological advancement with respect to PRT system in terms of passenger flow and capacity and speed were studied in terms

of simulation of PRT system. Further economic and financial analysis were also carried out to study the viability of the systems. Finally study was to conclusive with the recommendation that this system could be technically, economically and financially viable.

III Semester Studio

Preparation of Traffic Management Plan of Sarojini Nagar.

Keeping in view of nature and magnitude of the traffic problems due to intense activities of shopping and commercial in Sarojini Nagar, a study for preparation of Traffic Management Plan was undertaken by the III Sem. Transport Planning students. The objective of the study was to prepare a Traffic Management Plan with a view to ensuring smooth flow of with safety of traffic within and out side Sarojini Nagar area. A number of traffic studies were carried out to assess the nature and the magnitude of the traffic problems. After having studied problems and issues related to prevailing traffic characteristics, pedestrian flow characteristics coupled parking characteristics of the market area, a number of traffic management alternatives proposal were worked out. Based on details of evaluations of each alternatives, the best traffic management plan was finally selected. It is note-worthy to mention that while working out traffic management proposals, the dis-abled user friendly facilities were also incorporated in the design & planning of internal roads of the market.

THESIS/DISSERTATION UNDERTAKEN BY THE STUDENTS

| Roll No. | Students Name | Topic |
|-----------------|------------------------|---|
| TP/434 | Abhinav Singh | Study of Evaluation & Formulation of Energy Efficient Transport System Policy |
| TP/450 | Megha | Planning for Environmentally Sustainable Transport at Neighbourhood Level |
| TP/451 | Jinson J Koottungal | Planning for Integration of Interchange for seamless Travel |
| TP/452 | Meenhaz Imran | Study of Staggering Working hours as a part of TDM |
| TP/453 | Saurabh Shishpal Singh | Determination of LOS/Performance Indicator of Signalized Intersection |
| TP/454 | Sucheta Yarakala | Critical Appraisal of Safety issues on Highway Passing through Urban Area |
| TP/455 | Megha Aggarwal | Car Restraint Policy for Metro Cities |
| TP/456 | Zishan Ibrahim | Evaluation of Arterial Improvement Programme Using Microsimulation |
| TP/457 | Namit Kumar | Role of ITS in Arterial Corridor Management |
| TP/459 | Tamalika Acharya | Travel Probability field of Urban Poor |

| | | |
|--------|-----------------------------------|--|
| TP/460 | Sirisha Sanagapalli Ramy Sessa | Travel behavior of Metro user for Last Mile Connectivity / Transit Ridership |
| TP/461 | Digvijay Singh | Pedestrian Behaviour at Intersection |
| TP/463 | Yash Choudhary | Effect of Kerbside Parking on Urban Road Capacity |
| TP/464 | Sugandha Pal | Benchmarking of Performance of BRT system, for Indian Cities |
| TP/465 | Ankur Shivhare | Evaluation of Low Cost Traffic Management Strategies in Medium sized Towns |
| TP/467 | Vijaya Rohini Kodati | Impact of Pedestrisation on Micro Environment |
| TP/468 | Mukesh Kumar | Mode Choice Modeling using Soft Computing Technique |

MEMBERS OF THE DEPARTMENTAL RESEARCH COMMITTEE

- | | |
|--|--|
| 1. Prof. S. S. Jain, Prof. & Coordinator, Centre of Transportation Engg. Department of Civil Engineering, IIT Roorkee, Roorkee-247667. | 2. Dr. P. K. Sikdar, A-25, CEL Apartment, Vasundhara Enclave, New Delhi-96 |
|--|--|

BOARD OF STUDIES (EXTERNAL MEMBERS)

- | | |
|---|--|
| 1. Dr.S.Gangopadhyay, Director, Central Road Research Institute, Mathura Road, New Delhi-110020 | 4. Shri J.K.Mittu F-22, Nizamuddin West, New Delhi-110013. |
| 2. Prof. G.Raghuram, Professor, Public Policy & Systems Group Indian Institute of Management, Ahmedabad. | 5. Dr. M.P.Raju, Executive Director, Lea Associates South Asia Pvt.Ltd. B-1/E-27, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044 |
| 3. Dr. M.Parida Professor in Civil Engineering, Department of Civil Engineering, Indian Institute of Technology, Roorkee-247667 | |

DISTINGUISHED VISITORS IN THE DEPARTMENT

1. Dr. Michael Reploge ITDP
2. Dr. Greg Marsden ITS Leeds University
3. M/s Citilabs U.S and Ms Vamsee, Director Transport Planning and Research & India representative M/s Citilabs (U.S)

ANY OTHER

Sewa Ram

- Delivered lecture on NUTP in IIPA
- Signed MOU with ITS Leeds University on behalf of Department of Transport Planning

Sanjay Gupta

- Ph. D examiner of doctoral thesis candidate at Anna University, Chennai.
- Supervised a dissertation for AITP registered candidate, ITPI
- Delivered lectures at ITPI for AITP registered students on Transport Planning

DEPARTMENT OF URBAN DESIGN

COURSE OF STUDIES

Post Graduate Level

Master's Degree in Architecture with specialization in Urban Design

Doctoral Level

Ph.D. in Urban Design

FACULTY

Professor & Head of the Department

Mandeep Singh

B.Arch., M.U.D (Master of Urban Design)

Professors

K.T. Ravindran

B.Arch., PG Dip. (Urban Design)

Ranjit Mitra

B.Arch., PG Dip. (Urban Design)

Assistant Professor

Arunava Dasgupta

B.Arch.. M.Arch. (Urban Design)

TEACHING WORK UNDERTAKEN BY THE FACULTY

| | | |
|----------------------|-----------------------------------|---------------------|
| Prof. Mandeep Singh | Design Studio | I Semester |
| | Design Thesis | IV Semester |
| Prof. K.T. Ravindran | Urban Design Methodologies | I Semester |
| | Design Studio | II & III Semester |
| | Reading the City-II | III Semester |
| | City Future | IV Semester |
| | Reading the City (Seminar) | II Semester |
| Prof. Ranjit Mitra | History of Urban Space | I Semester |
| | History of Urban Space (Seminar) | I Semester |
| | Design Studio | III Semester |
| | Design Thesis | IV Semester |
| | Reading the City (Seminar) | II Semester |
| | Design Studio (Research) | II Semester |
| Mr. Arunava Dasgupta | Design Studio | I & II Semester |
| | Urban Design Methodologies | I Semester |
| | Design Studio Tutorial & Workshop | I, II & IV Semester |
| | Reading the City-II | III Semester |
| | Reading the City-I | II Semester |

TEACHING WORK UNDERTAKEN BY THE FACULTY FOR SISTER DEPARTMENT

Prof. Mandeep Singh

Co-ordinator 1st Year Program B-Arch
Building Construction Studio 1st Year B-Arch

RESEARCH WORK UNDERTAKEN BY THE FACULTY (BOTH SPONSORED AND NON-SPONSORED)

Prof Mandeep Singh

Study & Evaluation of Post Earthquake damage in Sikkim by NDMA.

Prof. Ranjit Mitra

Chance 2 Sustain, Research project (funded) of the European Union, dealing with issues related to mega projects in fast developing urban area.

Alternative approaches to Master Plans - (funded) MUD, Govt. of India.

Mr. Arunava Dasgupta

Assessment of Built Environment in Kalpa & Sangla Villages, Dist. Kinnaur, Himachal Pradesh.

Assessment of Built Environment in Bharmour, Dist. Chamba, Himachal Pradesh.

PUBLICATIONS BY THE FACULTY (ARTICLES, BOOKS, REPORTS, ETC.)

Prof. Mandeep Singh

NDMA - National Disaster Management Authority Report on Sikkim Earthquake.

Prof. Ranjit Mitra

Urban Design Education - Urban Design Group, Uk Journal, Summer ' 11

Mr. Arunava Dasgupta

Reports on Study of Built Environment & Design Guidelines in Kalpa Village, Himachal Pradesh.

Reports on Study of Built Environment & Design Guidelines in Sangla Village, Himachal Pradesh.

Reports on Study of Built Environment & Design Guidelines in Bharmour Village, Himachal Pradesh.

Final Report on Manali Vision Document, Himachal Pradesh.

Conceptual Project Report on Hoogly Riverfront Development, Kolkata.

SEMINARS/WORKSHOPS/SHORT TERM COURSES (BOTH ATTENDED BY THE FACULTY AND CONDUCTED BY THE DEPARTMENT)

Prof. Mandeep Singh

Paper presentation in Mysore Conference, Nov - 2011.

Exhibition organized in Mysore Conference, Nov - 2011.

Attended e-course on Disaster Risk Management by World Bank, Jan - 2011.

Research on memorials presented to High Level Committee in Dr. Ambedkar Foundation, Jan - 2012.

Exhibition organized for Stage 1 & Stage 2 in Dr. Ambedkar Foundation, Feb - 2012.

Attended High Level Committee Meeting in Planning Campus in Dr. Ambedkar Foundation, Mar -- 2012.

Prof. K.T. Ravindran

Guest Speaker: India @100 "Festival of Urbanity" New Delhi, April 2011.

Public Presentation Design Practice in India at American Institute of Architects, (AIA) NYC Chapter, New York USA, May-2011.

Participants Workshop on Participatory Planning "A week in Florence - Indo - Italian meeting' Florence Italy.

Discussion Design X Design Studio, roundtable 2- Design lok Pal, New Delhi July, 2011.

Chairperson National Seminar on `Design and planning for sustainable Habitat, July 2011.

Panel Discussion Berlin Global Panel on Megacities, Max Mueller Bhavan, New Delhi, August, 2011.

Keynote dialogue Samvad: Dialogue 2011, Cept Ahmedabad. August, 2011. Participants International Workshop - "Conservation and Management of Historic Urban Areas" Archaeological Survey of India, New Delhi, September, 2011.

Panel Discussion Green Building Congress 2011: Conference on Green Cities: Pragati Maidan, New Delhi, October - 2011.

Participant Landscape in Transition Conflicting Priorities the Indian Institute of Architects, Thrissur, October, 2011.

Participant Workshop - Public Infrastructure Projects and Real Estate Development: Access to land and housing for slum dwellers in Delhi, Urban Workshop Series, the centre for policy research (CPR) and centre de sciences Humanness (CSH), Delhi, October, 2011.

| | |
|--------------------------------------|--|
| Participant | 10th World congress of Metropolis - Cities in Transition, Porto Alegre, Brazil, November 2011. |
| Public Lecture | "Urban Design in Delhi" India International Centre. New Delhi, November 2011. |
| Participant | The think fest, organize by tehlaka, Goa, November 2011. |
| Opening Remarks | Urban Workshop - Urban Regeneration, Participation and sustainable development, centre for policy research, Chanakyapuri, New Delhi, December, 2011. |
| Presentation of Faridabad case study | Delhi conference, organized by National Institute of Urban Affairs and City form-India: International Research Network. January 2012. |
| Panelist | Shri B.V. Doshi's Book Launch "Path Uncharted", IIC New Delhi, February, 2012. |
| Panel Discussion | Delhi: The saga of mega city, Miranda House, Delhi University, March 2012. |
| Panel Discussion | Symposium - Human Space, Cultural Space penal discussion, Anna University, Chennai. March 2012. |
| Speaker & Panelist | India 2030: History, Technology and community for sustainable urban futures, Columbia University, Mumbai, March 2012. |
| Chair | Symposium - The re-emergence of Delhi as capitol, Nehru Memorial Library, New Delhi, March, 2012. |

Prof. Ranjit Mitra

CII -- NID Design Summit Dec '11.

Sustainable Urban Form for Indian Cities, NIUA, CEPT & SPA. Jan ' 12.

National Workshop on Alternative to Master Plans, SPA.

Mr. Arunava Dasgupta

Event Organiser IUDI Lecture Series 2011, New Delhi. May 2011.

Invited Speaker Young trends and the ageing city: inter-generational views from Shanghai, Delhi and Tokyo. Shanghai, September 2011.

Invited Speaker National Conference on Heritage Tourism, New Delhi, Nov 2011.

Invited Speaker Between Global Aspirations and Local Realities: India's cities in interdisciplinary perspective. New Delhi, March 2012

Invited Speaker Architecture and Our Cities: contemporary challenges: Issues and Anticipations of Indian Cities, New Delhi, March 2012

Organiser & Speaker National Urban Design Education Colloquium, 2012. (NUDEC 2012) Mar, 2012.

MEMBERSHIP ON COMMITTEES/PROFESSIONAL BODIES

Prof. Mandeep Singh

Member Academic Council, SPA.

Member Board of Studies, SPA.

Member Doctoral Review Committee, Dept. of Urban Design, SPA.

Member - IUDI (Institute of Urban Designers, India).

Member - JNU Campus, SPA.

Member - Dr. Babasaheb Ambedkar foundation.

Member - HID (Institute of Indian Interior Designer).

Jury Member - CREDAI Real Estate Awards 2012.

Jury Member - NID (National Institute of Design).

Jury Member - IIT, Roorkee, (Indian Institute of Technology)

Jury Member - Vastu Kala Academy.

Member Selection Board - GGSIPU, Delhi.

Member Selection Board - GNDU, Amritsar.

Chairman - HMC, Hostel Management Committee.

Prof. K.T. Ravindran

Member, Board of Studies of the following institutions:

Urban Design Programme at S.P.A, New Delhi.

Urban Design Programme at C.E.P.T, Ahmadabad.

Goa School of Architecture, Goa.

Anna University, Chennai.

Doctoral Research Committee, Anna University, Chennai.

Academic Advisory Committee -- Vastu Shilpa Foundation, Ahmadabad

Committee Member- Full bright-Nehru Master's Fellowship 2010

Member, Executive Committee- India International Centre

Chairman, Expert Committee for scrutiny of Lavasa Project for the MOEF - Government of India

Member, Tagore - 150 years Advisory Committee for Ministry of Culture, Government of India

Prof. Ranjit Mitra

Member - Institute of Urban Designers, India.

Member Indian Design Council

Member Working Group on Environmental Sustainability of Indian Cities - for formulation of 12th Five Year Plan, Ministry of HUPA Govt. of India.

Board Member Council of Architecture.

Member Academic Council, SPA.

Member Board of Studies, SPA.

Member Doctoral Review Committee, Dept. of Urban Design, SPA.

Professional Consultancy:

Land Parcel Development, Township at Varanasi - Ganga Expressway Project.

Township redevelopment for ONGC at Vadodara and Dehra Dun.

Mr. Arunava Dasgupta

Expert Member, Core Group on Transit Oriented Deveopment (T.O.D.), UTTIPEC, DDA

Expert Member, Architect Selection Committee, IIT Mandi, H.P.

Secretary, Institute of Urban Designer, India (IUDI).

Life Member, INTACH.

Member, Vision Document Committee, SPA

Member, Building Maintenance Committee, SPA.

Member, Security Committee, SPA

Member

Member - Vice Chairman - United Nations Capital Master Plan, New York, USA.

Chairman - Delhi Urban Art Commission. 2008-2011.

Council of Architecture.

High Powered Committee for Delhi Master Plan implementation.

Fellow of the Indian Institute of Architects.

Member Advisory Board of Heritage Foundation - Delhi Development Authority - Delhi.

Judge and Member Expert Committee for Republic Day Parade, Govt. of India (about 6 years).

Co Convener and Member Executive Committee, INTACH - Delhi.

Former Vice Chairman, Environmental Impact Assessment Committee, Ministry of Environment and Forests, Government of India

Member, Heritage Conservation Committee, Ministry of Urban Development. Government of India.

Member, Third Party Monitoring of Low Income housing - JNNURM.

Member, Jury for Award for Performance Assessment of Cities, Government of India.

Member, Board of Trustee: Indian Heritage Cities Network (IHCN) Foundation.

Fellow & Former Chairman of the Indian Institute of Interior Design

Fellow & President, Institute of Urban Designers - India

Member, Auroville Planning Board, Auroville, India

Member, Advisory Committee for restoration of Rashtrapati Niwas, Shimla..

Member of **Federation of Indian Chambers of Commerce and Industry** Art Committee 2010 to 2012

Member, Board of Studies for B-Arch & M-Arch Programs, SPA, Bhopal. Member, Editorial Board Journal of Landscaper Architecture.

Founder Member, Centre for Environmen, Development & Research (CEDAR)

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY (Through SPA)

Prof. Mandeep Singh

BEDF - Basmati Exports Development Foundation.

NIOS - National Institute of Open School.

Reliance Infrastrcuture Ltd. - Tilaiya Project.

Prof. K.T. Ravindran

Manali Vision Document, Govt. of Himachal Pradesh.

National School of Drama - Campus Development

Central Information Commission of India (CIC) - Headquarter Building and Training Centre

Prof. Ranjit Mitra

Hoogly Riverfront Development, for Kolkata Muncipal Corporation.

Master Plan for township renewal, ONGC at Dehradun and Baroda.

Mr. Arunava Dasgupta

Manali Vision Document, Govt. of Himachal Pradesh.

Hoogly Riverfront Development, Kolkata.

TEACHING WORK UNDERTAKEN BY THE VISITING FACULTY, SPECIAL LECTURES ARRANGED, IF ANY

| | | |
|-------------------------|--|---------------------|
| Prof. Ujan Ghosh | Design Studio | I Semester |
| | Design Studio | II Semester |
| Mr. Nishant Lal | Design Studio | I, II & IV Semester |
| | Design Thesis Tutorial | IV Semester |
| Mr. Paramvir Virdee | Computer Aided Urban Design | I Semester |
| Mr. Kanu Kartik Agarwal | Imagining Cities: cities in literature | I Semester |
| | Imagining Cities: in visual arts | II Semester |
| Mr. Rohit Raj | History of Urban Space | I Semester |
| | Design Thesis Tutorial | IV Semester |
| Ms. Rwitee Mandal | Design Studio Tutorial & Workshop | I Semester |
| | Design Studio Tutorial & Workshop | II Semester |

| | | |
|-----------------------|--|--|
| Ms. Mriganka Saxena | Design Studio Tutorial & Workshop Design Studio Tutorial & Workshop City Futures | I Semester II Semester IV Semester |
| Mr. Sorabh Raina | Design Studio Tutorial & Workshop Design Studio Tutorial & Workshop | I Semester II Semester |
| Mr. Suneet Mohindru | Site Planning Studio Site Plannig & Support System Design | I Semester I Semester |
| Ms. Mansi Kataria | Site Planning Studio | I Semester |
| Ms. Tina Bali | Site Planning Studio | I Semester |
| Ms. Rinki Sarkar | Reading the City | II Semester |
| Mr. Amit Hajela | Administrative & Legal Framework | II Semester |
| Ms. Anvita Arora | Transport Planning for UD | II Semester |
| Mr. Leon A Morenas | Reading the City | II & III Semester |
| Mr. A.K. Jain | Planning Tools for UD | II Semester |
| Mr. Sanjay Kanvinde | Design Studio | III Semester |
| Mr. Abhimanyu Dalal | Design Studio | III & IV Semester |
| Mr. A.K. Maitra | Techniques of Sustainable Development & EIA | III Semester |
| Mr. Raj at Ray | Urban Renewal & Conservation | III Semester |
| Ms. Vandini Mehta | Reading the City = II | III Semester |
| Mr. Shiv Prasad Singh | Real Estate Development | III Semester |
| Mr. Anurag Chowfla | Design Thesis | IV Semester |
| Mr. Sudipto Ghosh | Design Thesis Tutorial | IV |

Semester Special Lectures

Lecture by Prof. Shibu Raman from Oxford Brookes University, UK

Lecture by Prof. Jay Chatterjee

Lecture by Mr. Ravi Agarwal

Lecture by Ms. Pooja Sood Director and Founder, Member, KHOJ International Artists Association

STUDIO ASSIGNMENTS IN ABSTRACT FORM IN 150 WORDS

Semester - I

One of the primary ways of sustenance of our cities through the ordeals of time has been the life of inhabitants nurtured and facilitated by numerous and varied range of spaces that comprise our urban domain. In spite of all the multitude of problems and everyday nightmares that as citizens we ascribe to our cities, these spaces have continued to perform and support, almost miraculously, the tasks of city functions keeping our cities alive and ticking.

Indian cities could never be classified as boring, lifeless settings. If at all, our cities, through their rainbow of public spaces, reveal the explosion and celebration of urban life in all its intricate manifestations. Problems apart, our city-spaces are vibrant, effusive arenas of complex patterns of social life and connected activities that keep unfolding day after day. Over time, some of these spaces occupy valuable, inseparable existences in the lives of all citizens through individual and collective associations, daily routines, diverse engagements and social encounters. They become extensions of us, our public life, mannerisms and habits, priorities and choices - they become places.

Within the discipline of urban design, amongst many of its dimensions, the idea of creating and fostering qualitative spaces for living in urban areas occupies one of the central objectives of our engagement. The understanding of city processes and their connected spatial correlations along with built form modulations constitute the basis for urban design inquiry and exploration. Form, space, activity and movement - the ingredients of urban design recipes, come together in these public spaces by creative assembly and interactive arrangements.

Delhi is a great city and by corollary therefore, has great places. This studio embarks on a fresh journey of discovering some of these places and explores the attributes that comprise and characterize them.

The following list of diverse settings in Delhi forms the introductory group of possible areas of our explorations:

1. Nehru Place
2. Ram Lila Maidan
3. Raja Garden District Centre
4. Greater Kailash Part - I

Semester - II

Bangalore is best known around the world as the silicon valley of India. Even though the city has a history that goes back many hundred years; it was the various interventions during the colonial period that sowed the seeds of modern Bangalore. Known earlier as a city of gardens and a pensioners' paradise, the city has in the last two decades undergone tremendous transformation in its size, structure, functional base and physical environment. As the capital of Karnataka state,

the city grew into a power centre, carrying with it a strong sense of Kannada identity, highlighted through a number of hybrid architectural icons as well as generating a latent tension between its content of modernity and the desire to stay rooted. The mosaic of neighborhoods, slums and urban ghettos of Bangalore reflect this condition and the somewhat disjointed city fabric is the outcome.

Typologically, the city demonstrates many layers of history, class distinctions, social disaggregation and quality of life. Bangalore has a radial configuration and therefore a highly charged centre with a concentration of functions catering amongst others, to its young, wealthy population. The peripheries have often specialized into work centers and institutions with the radial road networks accompanied by ring roads bringing in more of the periphery into the fold of urbanization. The transportation system of Bangalore which largely depended on a well developed road network as well as railway lines served by 3 stations has had the addition of a metro line, though inadequate as of yet, to serve the radial city. The new international airport in Bangalore has created its own pull towards its proximately.

Bangalore, however boasts of an educated, heterogeneous middle class, acutely aware of the environmental damages brought in by the modernizing process. The city also boasts of a concentration of professionals and design talent. This is evident in the image of Bangalore as a centre for contemporary design.

The development of Bangalore has been guided through successive master plans that have determined the nature and direction of growth in and around the city. This studio aims to explore urban design strategies both at city level as well as at area and precinct level to suggest possible development scenarios for the city. Towards this, the studio will add to the existing master plan, form-based. three dimensional inputs as the urban design strategy for re-structuring the present city and its future. Using the broader guidelines framed by the studio at the city level, individual groups will subsequently focus on areas within the city as sites for detailed 3 D-design demonstration.

LIST OF THESIS/DISSERTATION OF THE DEPARTMENT

| | |
|--------------------|--|
| R.B. Thiruvengadam | Re-imagining city growth: Optimisation as a model of city development. |
| Shreedevi V.K. | Mediating change and continuity of Urban Character. |
| Shyne U | Restructuring a city's growth using inland waterways. |
| Anup Kumar Sinha | Bringing the "Regional and local character" in the formation of new capital city of Jharkhand in the Ranchi city, for its future development. |
| Nakshetra Sen | Envisioning Sustainable Urban growth by Revitalizing "Derelict" Industrial spaces along riverfront Howrah, West Bengal. |
| Kamini Singh | Exploring Urban Jugaad: A case of village Shahberi, Greater Noida. Bhaskar Agarwal Mediating in a Generic City-Re-Stitching the fragmented urban realm of cyber city precinct, Gurgaon. |
| Ariz Ashraf | Exploring the ideas of lost space in the city of patna. |
| Diya Banerjee | Inclusive Urbanism: Learning from Kolkata. |

| | |
|--------------------|--|
| Nikhila Merugu | Urban public space - making in contemporary work Districts: A case of information & communication technology sectors in Hyderabad. |
| Devyani Bhujbal | Social spaces of the transforming urban geography - A case of Velachery, Chennai. |
| Sachin S. | Method of Diversify insular developments Kakannad collectorate area. |
| Anant Pratap Singh | Suburban (Dis) connect: Breaking the monotony in Urban form, a case of Noida. |
| Rishikesh Adhikari | Youth and the city: Reconstructing the city to incorporate the youth, case of Pune City. |
| Palin Sikari | Harnessing Role of public spaces as seams to reconfigure a City. |
| Suman Mandal | Art and culture as a tool towards creative city making. |
| Mitali Saikia | Reestablishing the role of riverfront: Guwahati City. |
| Fatemeh Khosravi | Urban Artifacts Nodal Catalysts. |

LIST OF NAMES OF EXTERNAL MEMBERS OF BOARD OF STUDIES

Prof. Jamini Mehta

Sardar Bhavan Lane,
Bhutadi Zampa, Raopura,
VADODARA - 390 001.

Prof. Rajeev Kathpalia

SANGATH,
Drive-in-Road,
AHMEDABAD - 380 054.

Prof. Prem Chandravarkar

7, Palace Cross Road,
BANGALORE - 560 020.

Prof. Ravindra Bhan

D-198, Defence Colony,
NEW DELHI - 110 024.

DISTINGUISHED VISITORS IN THE DEPARTMENT

Prof. Jamini Mehta

Prof. Prem Chandravarkar

Prof. Rajeev Kathpalia

Prof. Ravindra Bhan

Prof. Kulbhushan Jain

Dr. A. Srivatsan

Prof. Shibu Raman

Prof. Jay Chatterjee

DEPARTMENT OF URBAN PLANNING

COURSE OF STUDIES

Post Graduate Level

Masters Degree in Planning (with specialization in Urban Planning)

Doctoral Level

Ph.D. in Urban Planning

FACULTY

Professor Head of the Department

Kavas Kapadia,
B.Arch., P.G. Dip. in Town & Country Planning (Hons.)

Professor

Dr. Sanjukta Bhaduri
B. Arch., P.G. ip. In Town & Country Planning (Hons.)

Lecturer

Mr. M. Palanniappan
M.A. (Economics), M.T.C.P. Town & Country Planning, M.P.S. Population Studies

Ms. Chidambara
B. Planning, SPA, New Delhi, M. Planning (Transport), New Delhi

TEACHING WORK UNDETAKEN BY FACULTY

For the Department

| Name | Subject | Class |
|----------------------------|-------------------------------|-------------------------|
| Prof. Kavas Kapadia | History & Theory of Evolution | I Sem. Integrated Prog. |
| | Infrastructure Planning | II Sem. Urban Plng. |
| | Studio Guidance | I Sem. & III Sem. |
| | Thesis Guidance | IV Sem. Urban Plng. |
| Prof. Dr. Sanjukta Bhaduri | City & Metropolitan Planning | II Semester Urban Plng. |
| | Envn. Dev. & Disaster Mgt. | III Semester Urba Plng. |
| | Studio Guidance | II Semester Urban Plng. |
| | Thesis Guidance | IV Semester Urban Plng. |
| M. Palaniappan | Planning for Tourism (E) | II Semester M. Plng. |

| | | |
|------------|---|--------------|
| Chidambara | Advance Planning Techniques | II Semester |
| | Urban Governance | III Semester |
| | Studio exercise on Pune | III Semester |
| | Studio exercises on Nashik and Metro Stations | |
| | Thesis Guidance | IV Semester |

Teaching Work Undertaken by Faculty for Sister Department

| Name | Department | Subject | Class |
|----------------|-------------------|--------------------------------------|------------------|
| M. Palaniappan | Physical Planning | Land Economics and Locational Theory | III, VI Semester |

Outside the School

| Name | | Institution |
|---------------------|--|--------------------|
| Prof. Kavas Kapadia | Moderator for 'Open House' meeting Organized by DDA in connection with Delhi Master Plan | D.D.A. |

RESEARCH WORK UNDERTAKEN BY THE FACULTY

| | |
|----------------------------|---|
| Prof. Dr. Sanjukta Bhaduri | Collaborative Research Project on 'Disaster Risk Management & Mumbai with MCGM & DPRI, Kyoto University |
|----------------------------|---|

PUBLICATION BY THE FACULTY

| | |
|---------------------|--|
| Prof. Kavas Kapadia | Paper: Temporal Transition of Global Space Cities in Transition in ITPI Journal, March, 2011 |
|---------------------|--|

SEMINAR/WORKSHOP ORGANISED BY THE DEPARTMENT

| | |
|----------------------------|--|
| Prof. Kavas Kapadia | Inaugural Workshop on 'Centre for Urban Disaster Studies SPA, New Delhi in November, 2011 |
| Prof. Dr. Sanjukta Bhaduri | Inaugural Workshop on 'Centre for Urban Disaster Studies' SPA, New Delhi in November, 2011 National Workshop in collaboration with TCPO & MOUD 'Alternative to Master Plan Approach' 16 th March, 2012 |

SEMINARS/WORKSHOPS/SHORT-TERM COURSES/EXHIBITIONS ATTENDED BY FACULTY MEMBERS

| | |
|---------------------|---|
| Prof. Kavas Kapadia | One Day seminar on 'Public Participation in planning For disaster, Mega City Mumbai with residents of Dharavi, in Mumbai, April, 2012 |
| | Presented paper on "Planning Education in changing Global |

Landscape” at 60th National Town & Country Planners Congress, Jan. 2012 at Mysore.

Two day ‘Urban India Conference’ organized at Infosys, Mysore by Janaagraha, I.I.H.S.. Chaired the session, November, 2011.

Addressed the students of Lady Sriram College (Deptt. of Sociology) on “Social aspects of Mega Cities” April 2012.

Prof. Dr. Sanjukta Bhaduri

National Workshop in collaboration with TCPO & MOUD Presented paper on ‘Alternative to Master Plan Approach’ 16th March, 2012

Workshop on Human Settlements Response to Climate Change, 22nd March, 2012, Delhi, Presented paper on

‘Climate Change in Cities – an emergin concern for planning.

One day workshop pertaining to the collaborative Research Project on ‘Disaster Risk Management of Mumbai’ with MCGM & DPRI, Kyoto University, 3rd December, 2011, Mumbai. Presented a paper on ‘Participatory Disaster Risk Reduction Planning.

Two day ‘Urban India Conference’ organized at Infosys, Mysore by Janaagraha, I.I.H.S.. Presented paper on ‘Peri Urban Areas on Extended areas of Economic Growth’, November, 2011.

M. Palaniappan

Training Programme on Practicing Responsible Tourism

Ecotourism Society of India, New Delhi, 6-7 April, 2012

Training Workshop on Social Impact Assessment Centre for Science and Environment, New Delhi, 18-20 April, 2012

Training Programme on Social Impact Assessment Center for Science and Environment, New Delh, 15-17 December, 2011

Professional Workshop on MS Excel & MS Power Point 2007 Heuristic Knowledgebase Solutions Pvt. Ltd., NODIA 7-8 January, 2012

Workshop on Preparing Schools for Accreditation, Quality Council of India, New Delhi, 8-10. December, 2012

Training Course on Training for Trainers Indian Society for Training and Development, New Delhi 3-4, March, 2012

Chidambara

Participated in Training of Trainers Programme on “Cities and Climate Change’ 1-4t Nov., 2011, GIZ Delhi

Participated as special invitee in the 4th Annual Conference on “Intra-city Transportation Systems, Rail and Bus: Plans, Projects, Technologies, India Infrastructure, Feb. 13-1, 2012

Attended and Rapperteured for International Conference on ‘ Urban Mobility India’ conference, 3-6th December, 2011. Mirabilis Advisory, IUTI, MOUD, New Delhi.

MEMBERSHIP ON COMMITTEES/ PROFESSIONAL BODIES

Prof. Kavas Kapadia

1. Member Strategic Action Group (STAG) of DDA
2. Expert Committee on Arch./ Town Planning Education, set up by MHRD for drafting the road map at education in 12th Plan
3. Member General Council, Vijaywada SPA 2011
4. Member Delhi Urban Art Commission for selected projects on planning.

Prof. Dr. Sanjukta Bhaduri

1. Committee on ‘ Restructuring Syllabus for Masters Planning Course for UGC.
2. Member, Building Maintenance Committee
3. Associate Member, ITPI
4. Life Member, IIPa
5. Life Member, Regional Science Association, India

Ms. Chidambara

1. Associate Member, ITPI
2. Associate Member, IUTI

M. Palaniappan

1. Life Member of Indian Economic Association

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY

Prof. Kavas Kapadia Pandit Sunderlal Sharma Central Institute for Vocational Education, Bhopal,

Prof. Dr. Sanjukta Bhaduri ‘Local Area Plan’ funded by MCD of 6 wards of Delhi

Ms. Chidambara ‘Local Area Plan’ funded by MCD of 6 wards (Karol Bagh and Rohini Zones) of Delhi.

**TEACHING WORK UNDERTAKEN BY VISITING FACULTY/SPECIAL LECTURES
ARRANGED**

| Name of the Faculty | Subject | Semester |
|----------------------------|--|-----------------|
| Prof. S.C. Gupta | Urban Development Management | III |
| | Urban Governance | III |
| | Legal Issues & Professional Practice | IV |
| | Studio Guidance | II |
| | Thesis Guidance | IV |
| Mr. Tushar Pandey | Project Planning and Management | III |
| | Development Finance | IV |
| Prof. B. Mishra | Urban Development Management | III |
| | Project Planning | III |
| | Environment, Development and Disaster Management | III |
| | City and Metropolitan Planning | II |
| | Studio Guidance | II |
| | Thesis Guidance | IV |
| Mr. Nilesh Rajyadaksha | Politics and Planning | III |
| Ms. Shikha Jain | Urban Heritae Conservation | II |
| Ms. Sudeshna Chatterjee | Urban Heritae Conservation | II |
| Ms. Ghazala Jamil | Inclusive Planning | II |
| Mr. K.T. Gurumukhi | Inclusive Planning | II |
| | Urban Governance | III |
| | Politics & Planning | III |
| Ms. Chandni Luthara | Planning for Tourism | II |
| Mr. K.K. Pandey | Development Finance | IV |
| Mr. B.C. Datta | Planning Legislation & Professional Practice | IV |
| | Infrastructure Planning | II |
| | Legal Issues & Professional Practice | IV |
| Mr. J.C. Gambhir | Studio Guidance | III |
| Prof. H.B. Singh | Studio Guidance | III |
| | Thesis Guidance | IV |
| Ms. Diya Mehra | Politics & Planning | III |

| | | |
|--------------------|--|-----|
| Sh. Arun Sharma | Studio GIS | III |
| Sh. Surjit Saini | Studio GIS | III |
| Sh. Damanjit Singh | Studio GIS | III |
| Sh. Amit Bhatt | Studio Guidance | III |
| Sh. Parul Sharma | Energy, Climate Change and Urban Development | III |
| Ms. Jyoti Parikh | Energy, Climate Change and Urban Development | III |
| Dr. Malti Goel | Energy, Climate Change and Urban Development | III |
| Prof. J.H. Ansari | Thesis Guidance | IV |
| | City & Metropolitan Planning | II |
| Ms. Promila Suri | Thesis Guidance | IV |
| Mr. M.L. Chotani | Thesis Guidance | IV |
| Prof. A.K. Maitra | Thesis Guidance | IV |
| Ms. Rekha | Thesis Guidance | IV |

STUDIO/FIELD ASSIGNMENTS

SECOND SEMESTER STUDIO EXERCISE

January-May, 2012

Growth Dynamics of Tier II cities: Nashik

The studio exercise taken up for second semester was, to study the growth dynamics of a tier-II metropolitan city for which Nashik was taken as a case example. The need of the study arises due to the fact that tier II cities are attracting huge investments owing to the availability of properties and skilled manpower and if planning interventions are not made these cities can decay. In case of Nashik a detailed analysis of aspects like land use, transport, social infrastructure, industry, trade & commerce, heritage, tourism, physical infrastructure and environmental impacts was done which was followed by the formulation of guidelines and strategies to strengthen the growth dynamics of the city.

Transformations around metro stations

The second studio exercise for second semester was to study the transformations around metro stations. For this purpose nine metro stations were chosen which included TisHazari, Jasola, Karol Bagh, Khan Market, Preet Vihar, Anand Vihar ISBT, Kailash Colony, Green Park and Noida Sec 16. Analysis included the changes in land use, land values, and activities in the delineated areas around the stations. Subsequently the issues were identified and proposals in terms of strategy were made.

III Semester

July – December, 2011 (Pune)

Project Specific Planning – Detailed Project Report Preparation-

In the context where time efficient, cost effective and performance based planning is preferred to solve almost all problems of a fast growing urban set up, Project specific planning is the smartest solution available. It aims at an overall approach which ensures integration and up gradation of the existing and newly developed systems for overall development of the city. In this effort of project specific planning, Detail Project Reports form a key element to keep records and manage each and every aspect of the project.

Pune in the last decade has grown to become the 8th largest metropolis in India and the 2nd largest in Maharashtra after Bombay. In the process it has been facing many problems of ad hoc growth and planning. Focusing on 4 such issues namely, Deterioration of River and River Front, Architectural degeneration of the core areas of the town, sporadic sub urban growth and inadequate public transportation projects were identified to provide with the solutions. Student groups studies their areas and identified possible project sites giving in the feasibility of the sites and the design of the projects to be developed. Each project were developed to give financial, economic, environmental, physical, socio-economic and market details adequately supported by time and cost schedules.

Proposals such as widening of river width, using the banks for permissible entertainment activities, conserving the old areas of the city with incentives given to the residents to conserve and follow the guidelines to maintain their houses in a suitable manner, co-operative methods of land acquisition for new town developments, integrating growth of the surrounding areas and developing a BRT system along the congested corridors of the main city; were put forth for which projects were designed and formulated.

THESIS TOPIC – IV SEMESTER (JAN.-MAY, 2011)

| S.No. | Roll No. | Name of the Student | Thesis Topic |
|-------|---------------|-------------------------|--|
| 1 | SPA/NS/UP/978 | Shweta Srivastava (W) | Local Area Plan as a Tool for Urban Development |
| 2 | SPA/NS/UP/979 | Kamal Kumar Agarwal | Planning for Infrastructure in an Investment Region : Greater Bhiwadi. |
| 3 | SPA/NS/UP/980 | Navdeep Garg | Development Along Urban Mobility Corridor – Super Corridor - Indore |
| 4 | SPA/NS/UP/981 | Priyadarshini Ghosh (W) | Impact of Unplanned Growth on a planned city : Jamshedpur |

| | | | |
|----|----------------|--------------------------|--|
| 5 | SPA/NS/UP/982 | Sourav Mondal | Infrastructure Planning for Mass Gathering – Kolkata |
| 6 | SPA/NS/UP/983 | Linta Joy (W) | Inland Water Ways in Development : Kochi |
| 7 | SPA/NS/UP/984 | Sourabha R. (W) | Mysore as Counter Magnet to Bangalore |
| 8 | SPA/NS/UP/985 | Pratiti Tagore (W) | An Environment Management Plan for Tolly Nalla– Kolkata |
| 9 | SPA/NS/UP/986 | Arpita Kumari (W) | Planning for a Healthy City – Guwahati |
| 10 | SPA/NS/UP/987 | Rahul | Impact of Flood in Medium Scale Town – Darbhanga, Bihar |
| 11 | SPA/NS/UP/988 | Anjeeta Sinha (W) | Impact of Mining and Industries on Dhanbad |
| 12 | SPA/NS/UP/990 | Parmar Krunal C. | Land use restructuring along BRTS Corridor – Rajkot |
| 13 | SPA/NS/UP/991 | Vikas Kumar Rana | Planning for Integrated Eco-tourism – Dharmshala |
| 14 | SPA/NS/UP/992 | Narendranath Reddy T. | Impact of Flood on the Development of the City : Kurnool |
| 16 | SPA/NS/UP/993 | Shaila Taku (W) | Developing of Shopping Mall and their Impact, Delhi |
| 17 | SPA/NS/UP/994 | Mausmi Hajela (W) | Walkability and cyclability in cities – Bhopal |
| 18 | SPA/NS/UP/996 | Swati Singh (W) | Implication of MRT – Lucknow |
| 19 | SPA/NS/UP/997 | Anurag Giri | Urban Development along Lucknow, Kanpur Growth Corridor |
| 20 | SPA/NS/UP/998 | Manasa Madiraj Manne (W) | Planning or Peri-Urban Area – Warangal |
| 21 | SPA/NS/UP/999 | Pramod Kumar | Infrastructure Management in Bulandshar |
| 22 | SPA/NS/UP/1000 | Amitech Vijay Mourya | Shrinking Green open spaces Vs. City population : Delhi |

| | | | |
|----|----------------|-------------------------|--|
| 23 | SPA/NS/UP/1001 | Sajith Shaik | Performance Evaluation of Municipal Services in Metro Cities |
| 24 | SPA/NS/UP/1002 | Ashok S. Rajpoot | Form Based Approach to DCR |
| 25 | SPA/NS/UP/1003 | Naresh Kumar | Managing Industrial Development in Baddi-Barotiwala-Nalagarh Special Area : H.P. |
| 26 | SPA/NS/UP/1004 | Gurpreet Kaur (W) | Resettlement colonies in Delhi |
| 27 | SPA/NS/UP/1005 | Sneh (W) | Implementation of TDR in Delhi |
| 28 | SPA/NS/UP/1006 | Vikeyie Soleho | Tourism and Urban Development – Kohima |
| 29 | SPA/NS/UP/1007 | Shanu Raina (W) | Development Strategy or Urban Villages – Delhi |
| 30 | SPA/NS/UP/1008 | Manoj Harish Chandra G. | Development Strategies for Nanded |
| 31 | SPA/NS/UP/1009 | Dilip Anna Saheb Kadam | Community participation for Solid waste Management in Kolhapur |
| 32 | SPA/NS/UP/965 | Vishal Nagula | Clean development mechanism for municipal services |

THESIS TOPICS UNDERTAKEN FOR Ph.D. RESEARCH WORK

| Name | Topic | Guide |
|-------------------|--|---------------------|
| Sunil Sehgal | Restructuring of Landuse along MRT corridor, Delhi” | Prof. Kavas Kapadia |
| Bashabi Das Gupta | Traditional Water Management and new water policy in Rajasthan | Prof. Kavas Kapadia |

Board of Studies (External Members)

- | | |
|--|---|
| <p>1. Prof. A.N. Sachidanandan V-58, Plot No.4156 Anna Nagar, Chennai–600 040</p> | <p>3. Mr. K.T. Gurumukhi A.O. 42, Kalkunj Ring Road, Shalimar Bagh New Delhi - 110 088</p> |
| <p>2. Mr. R.C. Aggarwal Principal Director Architectural Heritage Division INTACH, 71, Lodhi Estate New Delhi – 110 003</p> | <p>4. Mr. S.P. Shekhar Plot No.28, First Street Ramagiri Velacheri Tamil Nadu</p> |

5. **Prof. S.P. Shorey**
305, Vijaya Towers
Amerpet
Hyderabad – 500 073

Departmental Research Committee

1. **Prof. Dr. Darshini Mahadeviya**
Planner
CEPT University
University Road
Ahmedabad — 380 009
2. **Prof. Dr. Subroto Chatterjee**
IIT,
Kharagpur – 721 302

Major activities of the Urban Planning Department

1. Training the students of Master of Urban Planning course
2. Organised Workshops
3. Conducted research

LIBRARY

Sr. Librarian

Neetika Sharma (Ad-hoc w.e.f. 01.06.11 to 30.04.12)

M.A. M.L.I.Sc. UGC-NET

Librarian Grade-I

Narendra Singh Dhami

M.A., M.L.I.Sc., PGDLAN

MISSION

The primary mission of the library is to support the educational and research programs of the University by providing physical and intellectual access to information. In accordance with the objectives of the University, the library aims to develop a comprehensive collection of documents, useful for the readers.

SPA LIBRARY

The School maintains a well-stocked library in Planning, Architecture, Architectural Conservation, Building Engineering and Management, Environmental Planning, Housing, Industrial Design, Landscape Architecture, Physical Planning, Regional Planning, Transport Planning, Urban Design, Urban Planning and inter disciplinary subjects. It may claim to be one of the richest library in the field of Planning and Architecture in the Asian Region. Library is using the LibSys, an integrated library management software package for the library housekeeping operations and users can search the OPAC (Online Public Access Catalogue) and WEB OPAC.

As the role of the Library within any University can be realized only in the context of the Institution's Philosophy of Education. The basic objectives of the SPA Library:

- (i) To develop appropriate collections in various disciplines for satisfying the needs of the diverse clientele of the libraries.
- (ii) To provide reading, lending, reference, information and documentation facilities to all categories i.e. faculty, researcher, students and staff members.

COLLECTION

During the period under review 282 books, 285 theses, 47 dissertations and 129 Journals were added to the library. The library center presently has total collection of 81,654 including books, theses, dissertation and 2124 bound volume of journals books besides a rich collection of reports of international seminars and conferences organized by internal agencies like UNO, UNESCO, OECD, ILO, Asian Development Bank, World Bank etc.

Printed Journals

The library receives 106 journals in Architectural Conservation, Building Engineering and Management, Environmental Planning, Housing, Industrial Design, Landscape Architecture,

Physical Planning, Regional Planning, Urban Design, Urban Planning, Transport Planning and other allied fields.

Online Journals

Our Library provide the online Access of 25 journals like Conservation and Management of Archaeological Sites, Contribution to Indian Sociology, Environment and Behaviour, International Journal of Architectural Heritage and Restoration, International Journal of Geographical Information Science, International Journal of Heritage Studies, International Journal of Sustainable Transportation, International Planning Studies, Journal of Intelligent Transportation system, Journal of Planning Education and Research, Journal of the American Planning Association, Journal of Urban Design, Journal of Urbanism, Local Government Studies, Planning Practice and Research, Planning Theory, South Asian Studies, Transport Reviews, TransReporter, Urban Affairs Review, Metropolis, Wired, Time, Urban Studies etc.

DELNET

In 1998 SPA library has joined Developing Library Network (DELNET) this has given facilities of;

- i) Online access to Union Catalogue of 4208 libraries in Delhi, outside Delhi and overseas through DELNET.
- ii) Inter Library Loan facility is also being provided through DELNET to SPA students, faculties, researchers and students.

SECTIONS

Acquisition Section

Acquisition Section of the Library deals with the purchase of books. reference books, textbooks, serial publication and multi-volume books and journals. The section also deals with day to day operations such as receiving indents for purchase of books, checking duplicates, placing orders, receiving and entering the books with serial number in the accession register as well as in the system of the library and the budget control etc.

Technical Section

Technical services are the “behind the scene” activities that a library undertakes to effectively deliver library services to the public. These services include the processes and procedures which are necessary to order library materials, like classifying, cataloging, assigning subject headings, data entry, checking and physical processing, to get the materials ready to put on library shelves. These services also include the activities that are necessary to control the lending and returning of library materials. Other technical services include the activities related to preservation of library materials. Library follows UDC (Universal Decimal Classification) for Classification of books, journals and UNESCO Thesaurus for the Subject Headings.

Periodicals Section

Periodicals Section handles Print + online Journals. Processes Journal subscriptions, renewals,

orders, payments/advances, Journals receipts, bound volumes every year. Maintains budget (s), accounts and statistics. Regulates the shelf arrangement of the current journals, displays recent arrivals daily.

Circulation Section

This is the front end of library operations providing the lending services to the library users. All the functions of this section are going to be computerized and the transactions in this section are based on the barcode technology. All the registered library users will be provided with a Bar-coded ID Cards and all the books in the library will be bar-coded.

SERVICES

Reading

Circulation service including Inter Library Loan

Reference & Referral

User guidance

Bibliographic

Online Public Access Catalogue (OPAC)

Lending Services

Reprography Services

Institutional membership Services

DELNET Services

RULES

Opening Hours

The library remains open on all the working days except Sunday and University notified holidays.

The opening hours of the libraries are from 8.30 AM to 7.30 P.M.

All library services are provided from 8.30 AM to 7.30 P.M.

Use of the Library and Library Materials

Members must show their Library Card on entering the Library, while borrowing books and journals and at any time if asked to do so by the Library Staff.

Briefcases, bags, umbrella, lunch boxes and other personal belongings must be deposited at the entrance.

Every member must sign the Register available at the entrance. Personal reading materials must be specifically indicated in the Register and shown to the security guard while entering and exiting from the Library.

Members are free to browse through the books. Books taken out of the shelves must be put on a

table. Replacing the books on shelves is not encouraged as it may be misplaced.

A Non-member can use the library material on the premises with the permission.

Readers should not mark, underline, dog-ear mark, write, tear pages or damages the library documents.

Strict silence, decorum and discipline must be maintained in the Library.

Member should behave in a reasonable and seemly fashion in the library and must not damage library property or disturb other members.

Smoking, eating, sleeping and talking loudly are strictly prohibited in the Library.

Members should not reserve seats either for themselves or for others.

Newspapers and magazines must be read only in the Library on specific tables and should not be taken to any other reading areas.

No Library material can be taken out of the library without permission.

**CENTER FOR GEOGRAPHIC INFORMATION SYSTEM, CENTER FOR ANALYSIS
AND SYSTEM STUDIES AND REMOTE SENSING**

FACULTY

Head of the Centre

Sanjay Gupta (w.e.f 18th July, 2011)

M.Sc., M.T.P., Ph.D

FITP, MCILT (UK), MTPS (U.K), MWSTLUR, MIATBR, MIUT, MIRT, MIRC

Professor

Vinay Maitri,

M.Sc, Ph.D.

MCP, MCSD, MCILT (UK), MIUT, MIRT

Research Associate

Priti Deo (w.e.f. 4th November, 2011)

M.A. (Geo.), M.R.P

AITP, MIUT, MNAGI

Systems Operator

Jagdish Kumar

B.Sc.(Computer Sc.), M.Sc (Maths)

TEACHING WORK UNDERTAKEN BY THE DEPARTMENT

| S. No. | Name of Department | Visiting Faculty | Subject |
|---------------|---|--------------------------------|----------------|
| 1. | Department of Physical Planning | Monis Khan | GIS |
| 2. | Department of Urban Planning | Damanjit | GIS |
| 3. | Department of Environment Planning | Monis Khan | GIS |
| 4. | Department of Housing | Shubam | GIS |
| 5. | Department of Building Engg. & Management | V. Paul Christopher Charlesraj | Primavera |

FOR SISTER DEPARTMENTS

| S.No | Name of Faculty | Subjects |
|-------------|------------------------|---|
| 1. | Sanjay Gupta | Public Transport System Planning, II Sem. M. P. (T.P.) Design Studio, II Sem. M.P. (T.P.) Logistics & Distribution Management, III Sem. M.P.(T.P.) Analytical Transport Planning, III Sem. M.P.(T.P.) Design Studio, III Sem. M.P. (T.P.) Thesis Guidance, IV Sem. M.P. (T.P.) |

- Transport Policy, Legislation and Institutional Framework, IV Sem. M.P. (T.P.)
Thesis Guidance, VIII Sem. B. Planning
2. Vinay Maitri Statistics, I Semester, M Plan, Integrated
Planning & Design Studio, I Semester, M Plan, Integrated
Transport Economics, IInd Sem, M.Plan (TP)
Design Studio, IInd Sem M. Plan, Transport Planning
Intelligent Transport System, IIIrd Sem M. Plan, Transport Planning.
Design Studio, IIIrd Sem M. Plan, Transport Planning
Studio, IVth Sem M. Plan, Transport Planning

RESEARCH WORK UNDERTAKEN BY THE FACULTY

Ph.D Programme

1. Benchmarking Public Transport Performance (Scholar R.K Jain, Guide- Prof. Sanjay Gupta)
2. Impact of socio economic, land use and transport system on travel behavior in Residential Neighbourhood (Scholar Ms. Amit Arora, Guide- Prof Sanjay Gupta)

In- house Research

1. Proposal for Research Web Portal in Urban Development at SPA for Ministry of Urban Development, Govt. of India

PUBLICATION BY THE FACULTY

Sanjay Gupta

1. Land Use Transport Perspectives in Indian Cities, presented at International India Urban Conference (IUC), organized by Janagraha, Mysore Nov. 2011
2. Mobility Characteristics of Users in Mass Transit System in Metropolitan City of Delhi: Case Study Delhi Metro, Conference Proceedings of Urban Mobility India 2011 organised by Institute of Urban Transport (India), Delhi, Dec. 2011
3. Mobility Patterns in Residential Neighbourhoods of Delhi : Characteristics and Issues, Conference Proceedings of Urban Mobility India, organised by Institute of Urban Transport(India), Delhi, Dec. 2011
4. Cycle Rickshaw-A useful but neglected transport option in Indian cities, key paper presented at Workshop on Issues and Strategies for Non- Motorised Transport, organised by Central Road research Institute , Delhi, 23rd Jan. 2012
5. Need of Effective Practices to Enhance Skills for Library Users in University Environment , published in Conference proceedings of Library and Information Professionals Summit (LIPS -2012), organized by Society for Library Professionals, Institute of Economic Growth, Delhi University, 16th-17th March 2012

6. Published, as Chairman Editorial Board, an issue of Urban Transport journal for Institute of Urban Transport (India) , New Delhi
7. An article about CASS/GIS and Remote Sensing Centres of SPA published in ESRI India Arc India News
8. An article about SPA published in Air India- inflight magazine

Vinay Maitri

1. As member, Publication Committee of Chartered Institute of Logistics & Transport, India contributed towards publishing of newsletters of the Institute.
2. 'Impact of GIS and CAD in building the Urban Infrastructure' in DATUM 29012, Infrastructure User Meet on 23rd February 2012, at PHD House New Delhi, organized by CAD studio.
3. 'ITS for Traffic Management Toolkit' on 27th -28th Feb 2012, in 2nd Annual Intelligent Transport System in India at Hotel Le Meridian, New Delhi, organized by Government of Delhi.

SEMINARS/WORKSHOPS/SHORT-TERM COURSES ATTENDED BY THE FACULTY

Sanjay Gupta

1. International India Urban Conference (IUC), organised by Janagraha, Mysore Nov. 2011 (presented paper)
2. Urban Mobility India 2011 Conference organised by Institute of Urban Transport, India , Delhi, Dec. 2011(Chaired a Technical session and had two paper presentations)
3. 12th ESRI India User Conference, 7th-8th Dec. 2011, Noida
4. Workshop on Issues and Strategies for Non- Motorised Transport organised by Central Road Research Institute, New Delhi, 23rd Jan. 2012 (Chaired a Technical session and presented paper)
5. Basic and Advanced Training Course on VISSIM, organized by PTV traffic mobility logistics, Delhi, 7th-8th Feb. 2012
6. Workshop on "Talking Transit" – public transport terminals and support facilities, organized by EMBARQ India , Bengaluru, 16-17th Feb. 2012 (Chaired a Technical session)
7. National Workshop on Alternate to Master Plan Approach organized by School of Planning and Architecture, IHC, New Delhi 16th March 2012

Vinay Maitri

1. Conference on Intelligent Transport System for Strategic Urban Development “ on 3rd Feb 2012, at Bangalore, organized by Ministry of Land, Infrastructure, transport and tourism (MLIT), Japan, Ministry of Urban Development, India

2. DATUM 29012, Infrastructure User Meet on 23rd February 2012, at PHD House New Delhi, organized by CAD studio

SEMINARS / CONFERENCE / SEMINARS / IMPORTANT EVENTS CONDUCTED BY THE CENTRE

1. Organized a half day software demonstration talk related to Data Storage of official documents in digital form using Kleeto Software on 15th March, 2012 at New Committee Room, SPA.
2. Organized CUBE Software training program from 11th – 15th October, 2011 in GIS Lab for Transport Planning Department.
3. As a part of National Mission on Education via ICT program initiated by MHRD, CASS facilitated live telecast event in the school over A-View Software on 16th August, 2011.

MEMBERSHIP ON COMMITTEES/PROFESIONAL BODIES OF FACULTY

| S.No | Name of Faculty | Membership |
|-------------|------------------------|---|
| 1. | Sanjay Gupta | <p>Professional Bodies</p> <ul style="list-style-type: none"> • Member, Chartered Institute of Logistics and Transport (CILT), U.K. • Member, World Society for Transport and Land Use Research (WSTLUR) • Member, Transport Planning Society (U.K) • Member, International Association of Travel Behaviour Research (IATBR) • Fellow Member, Institute of Town Planners, India • Life Member, Institute of Urban Transport (India) • Member, Indian Roads Congress • Life Member, Institute of Rail Transport, India • Member, Research Board, Institute of Urban Transport (India) • Member, Regional Science Association <p>Membership on Government Committees</p> <ul style="list-style-type: none"> • Member, Jury for selection of National Awards for Urban Transport, Ministry of Urban Development, Govt. of India, 2011 • Member, Technical Monitoring Committee of GEF Sustainable Urban Transport Project (SUTP), Ministry of Urban Development, Govt. of India, 2011-12 • Member, Technical Committee of UTTIPEC, Delhi Development Authority, 2011-12 |

- Member, Core Group Creation of National Urban Data base using Secondary sources, Ministry of Urban Development, Govt. of India, 2012
2. Vinay Maitri
- Member, Advisory Council of IEC College of Eng. & Tech., Greater Noida.
 - Hony. Jt. Secretary. Institute of Urban Transport, India
 - Member Academic Council of SPA
 - Member, Chartered Institute of Logistics & Transport (UK)
 - Fellow Member, National Council of Chartered Institute of Logistics & Transport in India
 - Member, Editorial Board, Chartered Institute of Logistics & Transport in India
 - Fellow Member Council of Chartered Institute of Logistics & Transport in India
 - Life Member, Indian Statistical Institute
 - Life Member, I.I.P.A.
 - Life Member, I.A.S.R.I
 - Life Member, Institute of Rail Transport
 - Life Member, Institute of Urban Transport (India)
 - Life Member, Indian Institute of Remote Sensing.
 - Life Member, Indian Roads Congress.
 - Member in “Urban Roads, Streets and Transport Committee (H-8), IRC

PROFESSIONAL CONSULTANCY UNDERTAKEN BY FACULTY

Sanjay Gupta

- Zonal Plan for Mount Abu Eco Sensitive Zone on behalf of Environmental Planning Department, SPA.

Vinay Maitri

- Development of “ITS toolkit for traffic management” sponsored by IUT, India

ANY OTHER

MEMBERSHIP IN COMMITTEES OF THE SCHOOL

Sanjay Gupta

- Chairman, Editorial Board, SPA Journal

Vinay Maitri

- Controller of Examination

FACILITIES WITHIN CASS/GIS/RS

A. Centre for Analysis and System Studies

CASS plays an important role in the discharge of the School's academic functions since 1980's. It has been developed as the main communication center of the School. It is equipped with servers, workstations, plotter, scanner, printers etc. In addition, a number of tasks are performed by the Centre. Some of the important tasks include:

- Maintaining School Website with periodic updation of information.
- Providing technical and maintenance support to all the Departments of Studies/Centres/Units in their day to day functioning of computer related activities.
- Responsible for Server Management for the school
- Ensuring virus free environment in computer labs.
- Providing logistics support to the UG/PG admission process

Internet facility

CASS Centre is providing internet facility to all departments of Planning & Architecture Block and Girls hostel block.

- 1gbps lease line at ITO Planning Building and Architecture Building & ITO Girls Hostel (MTNL)
- 16 mbps lease line at Maharani Bagh Complex (MTNL)

B. Centre for Geographic Information System

The Centre for GIS was established in January 2003 to provide facilities for conducting GIS classes for students from various Department of Studies of the School. The Centre is equipped with high end hardware equipments and GIS software i.e. Arc View 9.3, Arc Info Universal Lab Kits (Extensions - spatial analyst, network analyst, 3D analyst), ERDAS imagine. It also conducts training programme from time to time for faculty members on the use and application of GIS Software. In addition, the facilities in the centre are used by the students for hands-on training, academic exercises, research projects and sponsored consultancy projects.

The CASS & GIS Centre is equipped with the following software:

| S. No. | Software | Software Make | No. of License |
|--------|-------------|---------------|----------------|
| 1a | ArcGIS 9.3 | ESRI | 20 |
| 1b | ArcView 9.3 | ESRI | 20 |

| | | | |
|-----|--|-----------|------------------|
| 1c | ArcInfo 9.3 | ESRI | 2 |
| 2a | ERDAS IMAGINE 9.3 ver. upgraded to 2010 ver. | ERDAS | 5 |
| 2b | LPS ERDAS 2010 | ERDAS | 5 |
| 3a | SPSS Statistics 17.0 | SPSS | 10 |
| 3b | SPSS Statistics 18.0 | SPSS | 10 |
| 4a | Primavera P6 Professional Project Management | CADD | 4 |
| 4b | Primavera Contractor | CADD | 10 |
| 4c | Primavera Risk Analysis | CADD | - |
| 5 | Auto Desk 2012 Master Suite (Raster Design, Architecture, Revit Architecture, Revit Structure, Auto CAD Inventor Prof. Suite, 3DS Max, Design, Maya) | Autodesk | 125 Licenses |
| 6a | Bentley (MicroStation & other related utility software extensions) | Bentley | 1000 |
| 6b | Bentley other utility software extensions | Bentley | 500 |
| 6c | Bentley – Advanced GeoStructural Analysis | Bentley | 499 |
| 6d | Bentley - STADD.Pro | Bentley | 474 |
| 7 | UC-WIN | | - |
| 8 | Win2008Server(32 & 64 Bit) | Microsoft | 2 |
| 9 | Office 2007 | Microsoft | 25 |
| 10 | Office 2010 | Microsoft | 385 (50 in CASS) |
| 11 | Cyberoam 350i | Cyberoam | - |
| 12* | McAfee Total Protection | McAfee | - |

* *Software license to be renewed*

| S. No. | Mac Software | Software Provider | No. of License |
|---------------|------------------------------------|--------------------------|-----------------------|
| 1 | Apple care protection 2 years pack | Apple | 12 |
| 2 | Apple iwork 09 | Apple | 12 |
| 3 | Mac office 2008 Student Edition | Apple | 27 |

| | | | |
|----|--------------------------|-----------|----|
| 4 | Norton Antivirus 2010 | Apple | 32 |
| 5 | Victor Works 10 | Apple | 12 |
| 6 | Windows 7 Ultimate | Microsoft | 12 |
| 7 | Final Cut Studio | Apple | 2 |
| 8 | Mac OS 10 SERVER | Apple | 1 |
| 9 | File Maker Pro Server | Apple | 10 |
| 10 | File Maker pro Server | Apple | 1 |
| 11 | Mac Reinstallation (OS) | Apple | - |
| 12 | Mac Pro Installation S/W | Apple | 12 |
| 13 | Victor Works 2009 | Apple | 6 |

Hardware Equipments:

- 22 Workstations in GIS Lab & 10 Workstations in CASS
- 07 Mac Desktops in GIS Lab
- 01 Mac Server & 04 HP Server
- 02 Synergy UPS 7.5 KVA
- 02 Pulse Tech UPS 20 KVA
- 01 HCL Smart Board System, Interactive Board (TS 600)
- 01 NEC LCD Projector (Model No. VT 670)
- 01 NEC LCD Projector (Model No. VT 580)
- Digital note pad
- Visualiser (Genee 1800)

Operating System:

- Windows XP Home edition
- Windows XP Professional
- Windows 7

C. Centre for Remote Sensing

The Centre for Remote Sensing conducts theory and practical courses for various remote sensing related programmes at undergraduate and postgraduate level in the school and is presently equipped with basic tools required for Stereovision and aerial photo interpretation, viz. pocket and mirror stereoscopes, parallax bars, aerial photographs, etc. The Centre also has a couple of image processing software.

The Centre for Remote Sensing is equipped with the following software:

| S. No. | Equipments | Quantity |
|---------------|--|-----------------|
| 1 | Calculators (Scientific) | 2 Nos. |
| 2 | Digital Plain meter (x-Plan 360C Area Curve meter) | 1 No. |
| 3 | 70 mm Enlarge (manual) | 2 Nos. |
| 4 | Epidiascope | 1 No. |
| 5 | OHP with screen | 1 No. |
| 6 | Optical Pantograph | 1 No. |
| 7 | Optical Pantograph (Reflecting Projector) | 1 No. |
| 8 | Parallax Bars | 6 Nos. |
| 9 | Photocopier (Canon NP 1215) with stabilizer | 1 No. |
| 10 | Slide Projector with Remote | 1 No. |
| 11 | Stereoscopes Pocket | 8 Nos. |
| 12 | Prism Stereoscope | 5 Nos. |
| 13 | Mirror Stereoscopes | 8 Nos. |
| 14 | Scanning Mirror Stereoscopes | 1 No. |
| 15 | VCP (Videocon) with Remote | 1 No. |
| 16 | Video Cassettes | 4 Nos. |
| 17 | LCD Suga panel Projector | 1 No. |

AUDIO VISUAL UNIT

FACULTY

Unit In- Charge

Sanjay Gupta (w.e.f 18th July, 2011)

M.Sc., M.T.P., Ph.D

FITP, MCILT (UK), MTPS (U.K), MWSTLUR, MIATBR, MIUT, MIRT, MIRC

Assistant Photographer

Vinod Kumar

Dip. in Photography

Audio Visual Assistant

Sushil Khandelwal

Dip. in Photography

AUDIO VISUAL SERVICES PROVIDED FOR MAJOR EVENTS

I. Workshops/Seminars/Conferences

1. Seminar on 'Building Fenestration', organized by Dept. of Building Engg. & Management, SPA, Delhi & International Fenestration Forum on 29th April, 2011.
2. Workshop on "Zoo Designing and Landscape Architecture", conducted by Department of Landscape Architecture, SPA at IHC, 24th -26th February, 2012.
3. Regional Workshop on "Rajiv Awas Yojna (RAY)-Reform Agenda" at India International Centre Conference Hall-II on 13th to 14th March, 2012 organized by MoHUPA, GOI & facilitated by NRC, SPA, Delhi.
4. National workshop on "Alternative to Master Plan Approach" at IHC New Delhi, organized by Dept. of Urban Planning & TCPO, 16th March 2012
5. Workshop on Human Settlements' Response to climate Change organized by Dept. of Environmental Planning, SPA, New Delhi, 22nd March 2012.
6. Seminar on National Urban Design Educational Colloquium – NUDEC 2012, organized by Department of Urban Design, SPA, 30th to 31st March, 2012

II. School Events

1. Stone Laying Foundation Ceremony, May 2011
2. Tree Plantation & New year Celebration, January, 2012
3. School Sports Event ATHLOS 2012 held on 23rd-25th March, 2012 at SPA Vasant Kunj Campus.

In addition to the above the unit has provided all support services to provide audio and visual services for various academic activities of different department of studies of the school such as special lecture talks, seminars, jury examinations, digital slides preparation, still photo shoots etc. In addition the unit also provides support services for various responsibilities assigned by the school administration from time to time.

LIST OF EQUIPMENTS AND FACILITIES

I. List of Audio-Visual Equipments in CASS (Planning Building)

| S. No. | Photography Equipments & Ancillaries - Description of Stock | Qty. |
|--------|--|-------|
| 1 | Nikon Camera body D3 (FX) No. 2066609 With body Cap, Strap and camera bag (Vanugaurd) | 1 No. |
| 2 | Lens: ED-AF-S Nikkon 17-35 mm, with Caps (Front & Rear), HOYA UV Filter 77 mm and Nikon Lens Hood HB-23 | 1 No. |
| 3 | Lens: AF-S Nikkor 70-300 mm (ED) (VR) with Caps (Rear & Front) HOYA UV Filter 67 mm Lens Hood HB-36 | 1 No. |
| 4 | Flashgun (Nikon speed light SB-900) Serial No. 2095965. with Nikon flashgun caps SS-900, Flashgun caps Nikon SW-13H Flashgun caps Nikon SZ-2 | 1 No. |
| 5 | Flashgun brackets for tripod Nikon AS-21 and AS-19. | |
| 6 | Nikon Camera Body (D-90) No. 8012568. with camera strap & Body cap. | 1 No. |
| 7 | Lens: AF-S NIKKOR 18-200 (ED) (VR) with Lens cap (Front & Rear) Lens hood Nikon HB-35 HOYA UV Filter 72 mm. | 1 No. |
| 8 | Nikon flashgun SPEED LIGHT SB-600 with Nikon Case. | 1 No. |
| 9 | Camera bag (VANUGUARD MAKE) | 1 No. |
| 10 | Video Camera No. HDV 1080i (Mini DV) with Lens hood. | 1 No. |
| 11 | Tripod VANUGUARD TRACKERS with Head brackets QS- 38 and QS-42 | 1 No. |
| 12 | Nikon COOLPIX- P80 digital Camera No. 70132302 with Lens Cap & Strap | 1 No. |
| 13 | HP Desk Jet Printer Model 9300 | 1 No. |
| 14 | HP Scan Jet scanner Model 5590 | 1 No. |

II. List of Audio-Visual Equipments in A.V. Unit of Architecture Building

| S. No. | List of Equipments | Qty. |
|---------------|--|-------------|
| 1 | Tripod stand for camera | 1 No. |
| 2 | Slide Projector KODAK-2050 | 1 No. |
| 3 | Slide Projector KODAK-1030 | 1 No. |
| 4 | Standfor studio LIGHTS. | 2 Nos. |
| 5 | Telezoom lens 70 MM TO 300 MM. | 1 No. |
| 6 | SB-16B Speedlight flash | 1 No. |
| 7 | HP PAVALION 5060 INTEL PIV Computer | 1 No. |
| 8 | 17" TFT Color Monitor for pc | 1 No. |
| 9 | HP- 9300 Deskjet Printer | 1 No. |
| 10 | Digital camera nikon d 70 with nikon zoom lens 18-70. | 1 No. |
| 11 | Nikon flash speed light sb-800 | 1 No. |
| 12 | Nikon super cool scan 5000 Ed with slide feeder sp-210. | 1 No. |
| 13 | Nikon flash speed light sb-600 | 1 No. |
| 14 | HP Pavilion Computer W 5060IN with HP TFT Monitor Model No. HP 1740 HP Key board No. 5187 URF HP Mouse Model No. 5187 URF HP Wireless receiver No. 517URF UPS Model No. POFN 100 S.No. 65430306 | 2 No. |

| S. No. | PA System List | Qty. |
|---------------|---|-----------------|
| 1 | Ahuja Professional PA VHF wireless microphone System Wireless professional receiver A WM 690 V Transmitter A WM 690VL AC-DC Adaptor Model AD-1200500DE Connecting wire (Receiver to Amplifier | 1 complete unit |
| 2 | Ahuja PA Amplifier Model SSB-60 EM with Connecting clamps | 1 No. |
| 3 | Ahuja PA Mixer AMX-60 with Connecting Wire | 1 No. |
| 4 | Ahuja PA System A WM-810-UHF with UHF Professional Microphone A WM 810 UHF Connecting cable (Amplifier to Receiver) AC/DC Adaptor Model No. HD35N234.5 Hard case. | 1Unit |

| | | |
|----|---|---|
| 5 | Studimaster Professional microphone Microphone Model EL11 S. No. 09056581 Studio master Receiver No. 09031801 AC Adaptor Model JA-D.4120300G Hard case | 1Unit |
| 6 | Genee Digital Visualiser Genee Vision 8100 S. No. 8100 S. No. 810 UP0MM810124 with Power supply (Adaptor) Model SPU-41 | 1Unit |
| 7 | 35 m.m Film Camera Body a. Nikon FM2 Camera Body b. Nikon Zoom Lens 35 m.m. to 70 m.m. with cop. c. V.V. filter Nikon d. Leather cover e. neck strap | 1 No. 1 No. 1 No. 1 No. 1 No. |
| 8 | Nikon Ed CAF-Nikkor 70-300 mm 1:4-5.6 D Zoom Lens with cop+Cova a. Lens hood | 1 No. 1 No. |
| 9 | Micro Lens-Nikon 55m.m Lens. With cop and rear cover. a. U.V. Filter Nikon. 52 mm | 1 No. 1 No. |
| 10 | Nikon Speed digital SB-16 with leather Cover | 1 No. |
| 11 | Nikon D-70 Digital Camera a. Camera Body | 1 No. |
| 12 | Nikon Speed light Flash SB-800 | 1 No. |
| 13 | Nikon Speed light Flash SB-600 | 1 No. |
| 14 | Unomat Camera Stand | 1 No. |
| 15 | Velbon Camera Stand | 1 No. |

THE AUTHORITIES OF THE SCHOOL AS PER MEMORANDUM OF ASSOCIATION AND RULES AND REGULATIONS (Amended as on 24-02-2011)

1. General Council with the Minister for Education, Government of India, as the Chairman.
2. Executive Council with the Director of the School as the Chairman.
3. Academic Council with the Director of the School as the Chairman.
4. Finance Committee with the Director of the School as the Chairman.

In addition to these authorities, there is a Building Committee to advise on matters connected with buildings of the School and Selection Committees for recommending to the Executive Council with regard to the selections and appointments to the teaching posts in respective Departments of the School.

5. Such other authorities as may be declared as such.
6. The powers and functions of these bodies are laid down in the Rules of the School of Planning and Architecture Society.
7. During the year under report (1st April, 2011 to 31st March, 2012), following meetings of the General Council, Executive Council, Academic Council, Finance Committee and Building Committee were held :-

| | |
|------------------------|------------|
| (i) General Council | - |
| (ii) Executive Council | 3 meetings |
| (iii) Academic Council | 5 meetings |
| (iv) Finance Committee | 3 meetings |
| (v) Building Committee | 2 meetings |

| CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012. | | CHANGES DURING THE YEAR |
|--|--|--|
| 3(i) (a) The Chairman | Shri Kapil Sibal, Hon'ble Minister of Human Resource Development and Chairman of the General Council of the SPA Society. | — |
| (b) The Director of the School, Member | Prof. A.K Sharma, Director | Prof. Dr. Sandeep Sancheti Director (w.e.f.-26-03-12) |
| (c) Two members of the Parliament of India (One member to be nominated by the Speaker of Lok Sabha and one member to be nominated by the Chairman of Rajya Sabha). | Shri M. Raja Mohan Reddy, M.P. (Lok Sabha), B-104, M.S. Flats, Kharag Singh Marg, New Delhi. Prof. Ram Gopal Yadav, Member (Rajya Sabha), 8-A, Lodhi Estate New Delhi – 110003 | — |
| (d) Four nominees of the Government to represent: | Shri N.K Sinha, Addl. Secretary (DL), Ministry of Human Resource Development, (Department of Higher Education) Shastri Bhavan, New Delhi-110001. | — |
| (i) Technical Education | | |
| (ii) Housing | Prof. H.P Bahri Former, Head of the Deptt of Housing, SPA D-71, Kalkaji, New Delhi | — |
| (iii) Urban and Regional Planning | Shri. J.C Gambhir Former Commissioner Planning, DDA, 76, Munirka Vihar, New Delhi-6 | |
| (iv) Finance | Shri. S.K Ray Financial Adviser, Ministry of Human Resource Development, Shastri Bhavan, New Delhi-110001. | Shri A. N Jha Financial Adviser Dept of Higher Education, MHRD New Delhi |

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|---|---|---|
| (e) A representative of Delhi Administration Nominated by the Lieut. Governor of Delhi. | Shri D.M Spolia The Principal Secretary (L & B), Govt. of NCT of Delhi, L&B Department, B-Block, Vikas Bhawan, New Delhi-11002. | |
| (f) A representative of the University Grants Commission. | Ms. Sunita Surya Kohli 31 st , Golf Link, Ground floor, Front Apartment, New Delhi -3 | |
| (g) Two nominees of the Institute of Town Planners, India. | Shri S.S. Mathur 17, S.F.S Flats, Pocket-B Sheikh Sarai, Phase – 1 New Delhi - 17 | Shri S.S. Mathur 17, S.F.S Flats, Pocket-B Sheikh Sarai, Phase – 1 New Delhi - 17 (w.e.f.-27-01-12) |
| | Shri B.C. Dutta, Secretary-General, ITPI, 321, Mandakini Enclave, New Delhi. | Shri B.C. Dutta, Secretary-General, ITPI, 321, Mandakini Enclave, New Delhi. (w.e.f.-27-01-12) |
| (h) Two nominees of the Indian Institute of Architects | Ar. Prafulla Karkhanis President, IIA Karkhanis & Associates 1, Tara Apartment, Tilak Wadi, Nasik -4220022 | Ar. Prafulla Karkhanis President, IIA Karkhanis & Associates 1, Tara Apartment, Tilak Wadi, Nasik -4220022 (w.e.f.-16-01-12) |
| | Ar. Paresh Kapadia, Jt. Hon. Sect.II A, 7B, Shiv Kripa, "H" Old Nagendra Road, Andheri(East) Mumbai-400069 | Ar. Paresh Kapadia, Jt. Hon. Sect.II A, 7B, Shiv Kripa, "H" Old Nagendra Road, Andheri(East) Mumbai-400069 (w.e.f.-16-01-12) |
| (i) President of the Institution of Engineers (India) or his nominee | Shri O.P. Goel, FIE, 8-XI/8091, Vasant Kunj, New Delhi-110070. | — |
| (j) A nominee of the All India Council for Technical Education to be nominated. | Dr. M.K Hada Adviser (Approvals) AICTE, 7 th Floor, Chander Lok Building Janpath, New Delhi - 110001 | |

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|---|--|--|
| (k) Two experts from the Professions of Architecture, Town Planning, Landscape Architecture and Urban Design, nominated by Govt. of India. | <p>Prof. E.F.N Ribeiro Former Director, SPAX45, Pelican Apartment Fr. Agnelo Road, Panaji Goa - 403001</p> <p>Prof. Abhimanyu Dalal 173, Golf Links, New Delhi</p> | |
| (l) Three representatives of allied professions such as Sociology, Economics, Geography, Public Administration nominated by Govt. of India. | <p>Prof. Maitreyee Choudhary, Professor of Sociology Centre for Study of Social System(SSS), JNU, New Delhi</p> <p>Prof. Achin Vanaik Professor of Public Administration, Department of Political Science, Arts Faculty, University of Delhi</p> <p>Dr. N.C. Satyawadi Retd. Chief Economic, Advisor Rtees, 13-A Vijay Manda Enclave (Near ICT, Delhi)</p> | |
| (m) Dean of Studies of the School | Prof. Kavas Kapadia Dean of Studies | Prof. Dr. Neelima Risbud, Dean of Studies (w.e.f.-July,2011) |
| (n) All the Heads of the Departments of Studies | Prof. M.L Bahri, Head of the Department of Architecture. | |
| | Prof. Dr. Sanjukta Bhaduri, Head of the Department of Urban Planning | Prof. Kavas Kapadia, Head of the Department of Regional Planning (w.e.f.-16-05-2011) |
| | Prof. Dr. N Sridharan, Head of the Department of Regional Planning | Prof. Kavas Kapadia, Head of the Department of Regional Planning (w.e.f.- 16-05-2011) |
| | Prof. Dr. Meenakshi Dhote, Head of the Deptt. of Environmental Planning | Prof. Dr. Mahavir, Head of the Deptt. of Environmental Planning (w.e.f.-16-05-2011) |

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

Prof. Dr. P.S.N Rao,
Head of the Deptt. of Housing

Prof. Dr. Neelima Risbud,
Head of the Deptt. of
Housing
(w.e.f.- 16-05-2011)

Prof. Dr. Sanjay Gupta,
Head of the Department of
Transport Planning.

Shri Sewa Ram,
Head of the Department of
Transport Planning
(w.e.f.-16-05-2011)

Prof. Dr. Surinder Suneja,
Head of the Department of
Landscape Architecture

Prof. A.K Sharma,
Head of the Department of
Landscape Architecture
(w.e.f.-19-07-2011)

Prof. K.T. Ravindran,
Head of the Department of
Urban Design.

Prof. Mandeep Singh
Head of the Department of
Urban Design
(w.e.f.-16-05-2011)

Prof. Kavas Kapadia,
Head of the Department of
Architectural Conservation

Prof.(Smt.)Nalin Thakur,
Head of the Department of
Architectural Conservation
(w.e.f.-16-05-2011)

Prof. V.K Paul,
Head of the Department of
Building Engineering and
Management

Prof. V. Thiruvengadam,
Head of the Department of
Building Engineering and
Management
(w.e.f.-16-05-2011)

Prof. Dr. Y.K Jain,
Head of the Department of
Building Engineering and
Management
(w.e.f.-18-07-2011)

Prof. Raman Dev Surie,
Head of the Department of
Physical Planning

Dr. Mayank Mathur,
Head of the Department of
Physical Planning
(w.e.f.-30-12-2011)

Prof. Mandeep Singh,
Head of the Department of
Industrial Design

Prof. Manoj Mathur,
Head of the Department of
Industrial Design
(w.e.f.-03-01-2011)

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|--|---|--|
| (o) 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. Ranjit Mitra, Professor of Urban Design | Prof. Dr. P.K Sarkar, Professor of Transport Planning (w.e.f.-28-03-2012) |
| | Prof. Rommel Mehta, Professor of Landscape Architecture | Prof. Dr. Vinay Maitri, Professor of Physical Programming (w.e.f.-28-03-2012) |
| | Prof. Dr. Priyaleen Singh, Professor of Architecture conservation | Prof. Dr. Sanjukta Bhaduri, Professor of Urban Planning (w.e.f.-28-03-2012) |
| | Dr. Smt Poonam Prakash, Associate Prof of Physical Planning | Dr. Auradha Chaturvedi, Professor of Architecture conservation (w.e.f.-28-03-2012) |
| | Dr. R. Biswas, Associate Prof of Physical Planning | Dr. (Ms) Vinita Yadav, Assistant Prof of Regional Planning (w.e.f.-28-03-2012) |
| | Shri Arunava Das Gupta Assistant Prof of Urban Design | Shri Parag Anand Meshram Assistant Prof of Industrial Design (w.e.f.-28-03-2012) |
| | Ms. Renuka Vilas Bhoge Lecturer of Building Engg and Management | Shri. P. S. Sugga Lecturer in Architecture (w.e.f.-28-03-12) |
| | Ms. Kirty Gera Lecturer in Industrial Design | Ms. Parul Kiri Roy Lecturer in Architecture (w.e.f.-28-03-12) |
| (p) Three persons representing the Alumni Association | Shri Mahesh. T Paliwal 4071, Sector-C, Pocket-4 Vasant Kunj, New Delhi-70 | |
| | Shri Ajay Puri, D-112, Anand Niketan, New Delhi-110021. | |
| | Ar. Shamit Manchanda, B-83, Shivalik, New Delhi | |

**CONSTITUTION AND MEMBERSHIP OF THE GENERAL COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

(q) Two representatives of the students, elected one each from amongst the students of the final year classes of
(i) Post-graduate and Shri Rahul Goswami,
General Secretary (PG)
SPA, Boys Hostel
SPA Complex
Taimoor Nagar, New Delhi-65

(ii) Under-graduate Courses. Shri Mohit Kumar Srivastava
General Secretary (UG)
G-12 Boys Hostel (A/1931)
SPA Resi Complex Taimoor
Nagar, New Delhi-65

(r) Such other members of the Executive Council as are not members of the General Council
Shri R.M Aggarwal
Addl. DG. (Arch)
Central Public Works
Department, Room No. 301,
A-Wing, Nirman Bhawan,
New Delhi-110011.

Shri J. B Kshirsagar
The Chief Planner,
Town & Country Planning
Organisation, Vikas Bhawan,
New Delhi-110002.

Shri A.N Jha
Jt. Sect, Financial Adviser
MHRD, Shastri Bhawan
New Delhi -1

Shri D.S Meshram,
President, ITPI,
New Delhi-110002.

Ar. Balbir Verma,
K-11 Kailash Colony,
New Delhi-110065.

Shri P.K Maity
FIE, 8, Pottery Road
Kolkata-700015 (W.B)

Ar Vijay Garg
532, Modern Apartments
Sector - 15, Rohini
New Delhi -85

Registrar of the School

Shri D.R. Bains,
Registrar-Secretary

Shri O.P Verma
Acting Registrar
(w.e.f.-01-02-12)

**CONSTITUTION AND MEMBERSHIP OF THE EXECUTIVE COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | | |
|--|--|--|--|
| 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 | |
| (b) 4 nominees of the Government to represent: | | | |
| | (i) Technical Education | Shri. N.K Sinha Joint Secretary (T), to the Govt. of India Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110001. | Prof.Dr. Sandeep Sancheti Director, NIT, Surathkal (w.e.f-26-03-2011) |
| | (ii) Housing | Shri R.K. Kakar, Chief Architect (NDR) C.P.W.D. Room No-301 Arch-A, Wing, Nirman Bhawan, New Delhi-110011. | Shri R. M Aggarwal Addl. D.G.(Arch), CPWD, Room No. 301, A- Wing, Nirman Bhawan, New Delhi-1 (w.e.f-29-11-2011) |
| | (iii) Urban and Regional Planning | Shri J.B. Kshirsagar, The Chief Planner, Town & Country Planning Organisation, Vikas Bhawan, I.P. Estate, New Delhi-110002. | |
| | (iv) Finance | Shri S.K. Ray, Financial Advisor(HRD), Ministry of Human Resource Development, Department of Secondary & Higher Education, Government of India, Shastri Bhawan, New Delhi-1 | Shri A. N Jha Jt. Secretary & Financial Advisor, MHRD New Delhi -1 (w.e.f-20-10-2011) |
| 9(c) | President of the Institute of Town Planners, India, or his nominee | Shri D.S. Meshram, President, ITPI, | - |
| 9(d) | President of the Indian Institute of Architects, or his nominee | Ar. Balbir Verma, K-11 Kailash Colony New Delhi -65 | - |
| 9(e) | President of Institution of Engineers (India) or his nominee | Shri P.K Maity, FIE 8, Pottery Road Kolkata -700015 | |

**CONSTITUTION AND MEMBERSHIP OF THE EXECUTIVE COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | | |
|------|---|---|--|
| 9(f) | Dean of Studies of the School | Prof. Kavas Kapadia, Dean of Studies | Prof. Dr. Neelima Risbud, Dean of Studies (w.e.f.-July, 2011) |
| 9(g) | Three Heads of Departments, namely | | |
| | (i) Head of the Department of Architecture | Prof. M.L Bahri, Head of the Department of Architecture | |
| | (ii) Head of the Department of Urban and Regional Planning | Prof. Kavas Kapadia, Head of the Department of Urban and Regional Planning | |
| | (iii) One from amongst the Heads of other Departments, by rotation. | Prof. Dr. V.K Paul, Head of the Department of Building Engg & Management | Prof. Dr. Y.K. Jain Head of the Department of Building Engg & Management (w.e.f.-18-07-2011) |
| 9(h) | One Assistant Professor of the School, by rotation, according to seniority. | Dr. (Ms) Anuradha Chaturvedi Associate Prof. of Architectural Conservation | Shri Sewa Ram Head of the Department of Transport Planning (w.e.f.-04-11-2011) |
| 9(i) | Director of the School | Prof. A.K Sharma Director | Prof. Dr. Sandeep Sancheti Director (w.e.f.-26-03-2012) |
| 9(j) | A representative of SPA Alumni Association | Ar. Vijay Garg 532, Modern Apartments Sector - 15, Rohini Delhi -85 | |
| | Registrar of the School | Dr. D.R. Bains Registrar - Secretary | Shri O.P Verma Acting Registrar (w.e.f.-01-02-2012) |

**CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|---|---|---|
| 16(i) Director of the School, (a) Chairman (Ex-Officio) | Prof. A. K. Sharma, Director | Prof. Dr. Sandeep Sancheti Director (w.e.f.-26-03-2012) |
| (b) Five persons, from amongst the educationists of repute/eminant 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- 52 | Renominated (w.e.f.-09-01-2012) |
| | Mr. Partho Ranjan Das Ae - 377, Sec -1 Salt Lake City, Kolkata-700064 | Prof. Deepak Bhavsar G-201, Shri Ganesh Apartment, 93 I.P Extn Patparganj, Delhi -92 (w.e.f.-09-01-2012) |
| | Mr. Bimal H Patel Baritosh, Usmanpura, Ahmedabad-380013 | Dr. S.P Bansal Commissioner- Planning DDA, 175 Madan Lal Block Asian Games Village Complex, New Delhi -49 (w.e.f.-01-01-2012) |
| | Mr. Premchandavarkar Chandavarkar & Thacker Architects, Pvt Ltd, 7, Palace cross Road, Bangalore - 560020 | Ms. Uma Adusumilli Chief Planner E- Block, Opp. Drive in Theatre Bandra (East) Bandra Kurla Complex Mumbai - 400051 (w.e.f.-01-01-2012) |
| | Shri S. C Gupta B- 186, sector -44 Noida, U.P | Ms. Tripta Khurana Chief General Manager DMRC LTD Metro Bhavan Fire Brigade Lane Barakhamba Road, New Delhi -1 (w.e.f.- 01-01-2012) |
| (c) A nominee of the Institute of Town Planners, India | Dr. Najammuddin, Secretary-General, ITPI, 264, saloni uram Roorkee - 247667 | Shri Pradeep Kapoor, Secretary-General, I.T.P.I., 59, Panchsheel Enclave L.L.N. Marg, Near Hotel Clarks, Amer, Jaipur -302018 (Rajasthan) (w.e.f.-13-10-2011) |

| CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012. | | CHANGES DURING THE YEAR |
|--|--|------------------------------------|
|--|--|------------------------------------|

| | | | |
|-----|--|--|---|
| (d) | A nominee of the Indian Institute of Architects | Ar. Vijay Garg Hon. Secretary, 532, Modern Apartments Sector-15, Rohini, Delhi-110085 | - |
| (e) | A nominee of the Institution of Engineers (India). | Prof. Jitendra Singh, FIE, "Braj" back of L.B Shastri Nagar, Post Office Patna-800023 (Bihar) | - |
| (f) | A nominee of All India Council for Technical Education | Shri Rajiv Mishra Principal - Incharge Sir J. J college of Architecture, 78/3, Dr. D.N. Road, Mumbai -400001 | - |
| (g) | Dean of Studies of the School | Prof. Kavas Kapadia, Dean of Studies | Prof. Dr. Neelima Risbud, Dean of Studies (w.e.f.-July, 2011) |
| (h) | All the Heads of the Departments | Prof. M.L Bahri, Head of the Department of Architecture. | |
| | | Prof. Dr. Sanjukta Bhaduri, Head of the Department of Urban Planning. | Prof. Kavas Kapadia, Head of the Department of Urban Planning. (w.e.f.-16-05-2012) |
| | | Prof. Dr. N. Sridharan, Head of the Department of Regional Planning | Prof. Kavas Kapadia, Head of the Department of Urban Planning. (w.e.f.-16-05-2012) |
| | | Prof. Dr. P. S. N Rao, Head of the Department of Housing, | Prof. Dr. Neelima Risbud, Head of the Department of Housing, (w.e.f.-16-05-2011) |
| | | Prof. Dr. Sanjay Gupta, Head of the Department of Transport Planning. | Shri Sewa Ram Head of the Department of Transport Planning (w.e.f.-16-05-2011) |
| | | Prof Dr. Meenakshi Dhote, Head of the Department of Environmental Planning. | Prof Dr. Mahavir, Head of the Department of Environmental Planning (w.e.f.-16-05-2011) |

**CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|-----|---|---|
| | Prof. Dr. Surinder Suneja, Head of the Department of Landscape Architecture | Prof. A.K Sharma Head of the Department of Landscape Architecture (w.e.f.-19-07-2011) |
| | Prof. Kavas Kapadia Head of the Department of Architectural Conservation | Prof. Nalini Thakur Head of the Department of Architectural Conservation (w.e.f.-16-05-2011) |
| | Prof. K. T Ravindran Head of the Department of Urban Design | Prof. Mandeep Singh Head of the Department of Urban Design (w.e.f.-16-05-2011) |
| | Prof. Dr. V. K Paul Head of the Department of Building Engg & Management | Prof. Dr. V. Thiruvengadam Head of the Department of Building Engg & Management (w.e.f.-16-05-2011) |
| | | Prof. Dr. Y.K. Jain Head of the Department of Building Engg & Management (w.e.f.-18-07-2011) |
| | Prof. Dr. Ashok Kumar, Head of the Department of Physical Planning | Prof. Raman Dev Surie Head of the Department of Physical Planning (w.e.f.-16-05-2011) |
| | | Dr. Mayank Mathur, Head of the Department of Physical Planning (w.e.f.-30-12-2011) |
| | Prof. Manoj Mathur Head of the Department of Industrial Design | |
| (i) | All Professors other than the Heads of the Departments | Prof. Neerja Tiku Professor of Architecture |
| | | Prof. Dr. V.K. Paul Professor of BEM |
| | | Prof. I.M Chisti Professor of Architecture |

Prof. Satish Khanna
Professor of Architecture

Prof. Dr. Meenakshi Dhoté
Professor of Environmental
Planning

Prof. Ranjit Mitra
Professor of Urban Design

Prof. Dr. Priyaleen Singh
Professor of Architectural
Conservation

Prof. Dr. Rommel Mehta
Professor of Landscape
Architecture

Prof. Dr. P.K Sarkar
Professor of Transport Planning

Prof. Dr. Ranjana Mittal
Professor of Architecture

Prof. Jaya Kumar
Professor of Architecture

Prof Anil Dewan
Professor of Architecture

Prof. Dr. Aruna Ramani Grover
Professor of Architecture

Prof. Dr. Vinay Maitri
Professor of Programming CASS

Prof. Dr. Ashok Kumar
Professor of Physical Planning

Prof. Dr. Sanjay Gupta
Professor of Transport Planning

Prof. Dr. P. S. N Rao
Professor of Housing

Prof. Dr. N. Sridharan
Professor of Regional Planning

Prof. Dr. Sanjukta Bhaduri
Professor of Urban Planning

**CONSTITUTION AND MEMBERSHIP OF THE ACADEMIC COUNCIL
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.**

**CHANGES DURING
THE YEAR**

| | | |
|--|--|---|
| | Prof. Dr. Surinder K. Suneja Professor of Landscape Architecture | |
| (j) Six members of the Teaching staff, representing the Assistant Professors and Lecturers of the School, by rotation, for a period of one year, according to combined seniority list. | Ms. Kritya Gera Lecturer in Industrial Design | |
| | Shri P. S. Sugga Lecturer in Architecture | |
| | Ms. Parul Kiri Roy Lecturer in Architecture | |
| | Ms. Moulshri Joshi Lecturer in Architecture | |
| | Shri Shuvojit Sarkar Lecturer in Architecture | |
| | Shri S. P. Srivastava Lecturer in Civil Engg | |
| (k) A Representative of SPA Alumni Association | Shri Ashish Gupta 3/7 Kalkaji extn (3rd floor) Behind Kalkaji Police Station New Delhi - 19 | |
| Registrar of the School | Dr. D. R. Bains Registrar- Secretary | Shri O.P Verma Acting Registrar (w.e.f.-01-02-2012) |

**CONSTITUTION AND MEMBERSHIP OF THE FINANCE COMMITTEE
FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012.****CHANGES DURING
THE YEAR**

| | | |
|---|---|---|
| 19(i) (a) Director of the School (Chairman) | Prof. A.K. Sharma, Director | Prof. Dr. Sandeep Sancheti Director- Chiarman (w.e.f.-26-03-2012) |
| (b) Two representatives of the Govt. of India to represent: | | |
| (i) Technical Education | Deputy Secretary (T), Ministry of Human Resource Development (Department of Secondary and Higher Education), Shastri Bhawan, New Delhi-110001. | |
| (ii) Finance | Shri Naveen Soi Director (Finance), Ministry of Human Resource Development (Department of Secondary and Higher Education), Shastri Bhawan, New Delhi-110001. | |
| (c) Two nominees of the Executive Council, one of whom shall be a member of the Executive Council. | Ar. Balbir Verma Balbir Verma & Associates F-49, 1st Floor, East of Kailash New Delhi-65 | |
| | Prof. M. R. Agnihotri 9/26, Kalkaji Extension New Delhi -19 | |
| Registrar of the School | Dr. D. R. Bains Registrar - Secretary | Shri O.P. Verma Acting Registrar (w.e.f.- 01-02-2012) |

| CONSTITUTION AND MEMBERSHIP OF THE BUILDING COMMITTEE FROM 1ST APRIL, 2011 TO 31ST MARCH, 2012. | CHANGES DURING THE YEAR | |
|--|---|---|
| Director of the School | Prof. A.K Sharma Director-Chairman | Prof. Dr. Sandeep Sancheti Director-Chairman (w.e.f.-26-03-2011) |
| Nominee of the Executive Council | Prof. P.K Choudhary Former Prof. of Architecture B-30, Kailash Colony New Delhi -19 | Ar. Balbir Verma K-11 Kailash Colony New Delhi -65 (w.e.f.-25-08-2011) |
| Two Nominees of faculty of the School to be nominated by Executive Council | Prof. Dr. Y.K. Jain Prof. of Civil Engg Dept of Architecture Prof. M.L. Bahri Head of the Dept of Architecture | Prof. Satish Khanna Prof. of Architecture (w.e.f.-31-10-2011) |
| Chairman Campus Management Committee | Prof. Dr. Y.K. Jain HOD-BEM & Chairman CMC | |
| Representative of Ministry of Urban Affairs and Employment Finance Branch | Shri K.K Mahawar Deputy Secretary (Finance) GOI, Ministry of Urban Development Finance Division, Nirman Bhawan New Delhi -1 | |
| Director General of CPWD or his nominee | Shri Shailendra Sharma Supritending Engg Dec -I, officio of CE (NDZ) II, I.P. Bhawan, I.P. Estate, New Delhi -1 | |
| A nominee of GOI to Represent Technical Education | Director (T) Ministry of Human Resource Development, (Dept of Higher Education) GOI, Shastri Bhawan, New Delhi - 1 | |
| Registrar - Secretary | Dr. D.R. Bains | Shri O.P. Verma Acting Registrar (w.e.f.-01-02-2012) |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET AS ON 31-03-2012

(Amount Rs.)

| CORPUS FUND AND LIABILITIES | Schedules | Current Year | Previous Year |
|--|------------------|---------------------|----------------------|
| CORPUS FUND | 1 | — | — |
| RESERVES AND SURPLUS | 2 | 82,689,108 | 111,804,686 |
| EARMARKED/ENDOWMENT FUNDS | 3 | 329,087,949 | 264,537,705 |
| SECURED LOANS AND BORROWINGS | 4 | — | — |
| UNSECURED LOANS AND BORROWINGS | 5 | — | — |
| DEFERRED CREDIT LIABILITIES | 6 | — | — |
| CURRENT LIABILITIES AND PROVISIONS | 7 | 96,597,630 | 88,305,232 |
| TOTAL | | 508,374,688 | 464,647,623 |
| ASSETS | | | |
| FIXED ASSETS | 8 | 115,200,601 | 130,823,931 |
| INVESTMENTS-FROM EARMARKED/ ENDOWMENT FUNDS | 9 | 106,230,216. | 102,276;321 |
| INVESTMENTS-OTHERS | 10 | — | — |
| CURRENT ASSETS, LOANS, ADVANCES ETC. | 11 | 286,943,871 | 231,547,371 |
| MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted) | | — | — |
| TOTAL | | 508,374,688 | 464,647,623 |
| SIGNIFICANT ACCOUNTING POLICIES | 26 | | |
| CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS | 27 | | |

Compiled on the basis of books of accounts and vouchers

For **RAJNISH & ASSOCIATES**
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

Sd/-
ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED 31-03-2012

(Amount Rs.)

| INCOME | Schedules | Current Year | Previous Year |
|---|-----------|---------------------|---------------------|
| GRANTS/SUBSIDIES RECEIVED | 12 | 199,800,000 | 187,019,628 |
| FEES/SUBSCRIPTIONS RECEIVED | 13 | 28,487,637 | 26,785,458 |
| INCOME FROM INVESTMENTS | 14 | — | — |
| INCOME FROM ROYALTY, PUBLICATION ETC. | 15 | — | — |
| INTEREST EARNED | 16 | 17,395,788 | 15,965,897 |
| OTHER INCOME | 17 | 12,621,295 | 11,411,702 |
| INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS AND WORK IN PROGRESS | 18 | — | — |
| TOTAL (A) | | 258,304,720 | 241,182,685 |
| EXPENDITURE | | | |
| ESTABLISHMENT EXPENSES | 19 | 204,573,643 | 185,877,800 |
| ACADEMIC EXPENSES | 20 | 13,873,993 | 18,783,132 |
| EXPENDITURE ON GRANTS, SUBSIDIES | 21 | — | — |
| DEPRECIATION | 22 | — | — |
| ADMINISTRATIVE EXPENSES | 23 | 41,664,360 | 32,105,214 |
| REPAIR & MAINTENANCE EXPENSES | 24 | 27,308,311 | 17,232,802 |
| INTEREST | 25 | — | — |
| TOTAL (B) | | 287,420,307 | 253,998,948 |
| BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A-B) | | (29,115,587) | (12,816,263) |
| TRANSFER TO SPECIAL RESERVE (SPECIFY EACH) | | — | — |
| TRANSFER TO /FROM GENERAL RESERVE | | — | — |
| BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND | | (29,115,587) | (12,816,263) |
| SIGNIFICANT ACCOUNTING POLICIES | 26 | | |
| CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS | 27 | | |

Compiled on the basis of books of accounts and vouchers

For **RAJNISH & ASSOCIATES**
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

Sd/-
ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

Amount Rs.

| | Current Year | | Previous Year | |
|---|-------------------|-------------------|--------------------|--------------------|
| | | | | |
| SCHEDULE 1 - CORPUS FUND | | | | |
| Balance as at the beginning of the year | — | — | — | — |
| Add: Contributions towards Corpus Fund | — | — | — | — |
| Add: Addition during the year | — | — | — | — |
| Less: Transferred to Earmarked/Endowment Fund | — | — | — | — |
| BALANCE AS AT THE YEAR - END | — | — | — | — |
| SCHEDULE 2 - RESERVES AND SURPLUS | | | | |
| 1. Capital Reserve: | | | | |
| As per last Account | — | — | — | — |
| Addition during the year | — | — | — | — |
| Less: Deductions during the year | — | — | — | — |
| 2. Revaluation Reserve: | | | | |
| As per last Account | — | — | — | — |
| Addition during the year | — | — | — | — |
| Less: Deductions during the year | — | — | — | — |
| 3. Special Reserves: | | | | |
| As per last Account | — | — | — | — |
| Addition during the year | — | — | — | — |
| Less: Deductions during the year | — | — | — | — |
| 4. Excess of Income over Expenditure (Accumulated) | | | | |
| As per last Account | 111,804,696 | — | (343,082,388) | — |
| Add/(Deduct): Balance of net income/(expenditure) transferred from the Income and Expenditure Account | (29,115,587) | — | (12,816,263) | — |
| Add: Reversal of provisions for retirement benefits | — | — | 608,869,395 | — |
| Add/ (Less): Adjustments during the year | — | — | 3,481,787 | — |
| Less: Capital Funds transferred to Fixed Asset & Building Fund | — | 82,689,108 | (144,647,845) | 111,804,686 |
| 5. General Reserve: | | | | |
| As per last Account | — | — | — | — |
| Addition during the year | — | — | — | — |
| Less : Deductions during the year | — | — | — | — |
| TOTAL | 82,689,108 | 82,689,108 | 111,804,686 | 111,804,686 |

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012**

| | CURRENT YEAR | | | | | | PREVIOUS YEAR | | | | | |
|--|-----------------------------|--------------------|--------------------|------------------|-------------------------------|--------------------|---------------------------|--------------------|--------------------|------------------|-------------------------------|--------------------|
| | Fixed Asset & Building Fund | GPF/CPF Fund | New Pension Scheme | Consultancy Fund | Endowment Fund (Schedule-3.1) | Total | Fixed Asset Building Fund | GPF/CPF Fund | New Pension Scheme | Consultancy Fund | Endowment Fund (Schedule-3.1) | Total |
| SCHEDULE-3-EARMARKED/ENDOWMENT FUNDS | | | | | | | | | | | | |
| a) Opening balance of the funds | 161,937,966 | 100,717,739 | 1,398,088 | — | 483,943 | 264,537,705 | 144,647,845 | 86,365,441 | 404,849 | 1,110,657 | 522,534 | 233,051,326 |
| b) Additions to the Funds: | | | | | | | | | | | | |
| i. Donations/Grants | — | — | — | — | — | — | — | — | — | — | — | — |
| ii. Income from investments made on account of funds | — | — | — | — | — | — | — | — | — | — | — | — |
| iii. Other additions (specify nature) | — | — | — | — | — | — | — | — | — | — | — | — |
| a) Capital Expenditure - Plan | 80,000,000 | — | — | — | — | 80,000,000 | 50,000,000 | — | — | — | — | 50,000,000 |
| b) Capital Expenditure - Non Plan | — | — | — | — | — | — | — | — | — | — | — | — |
| c) Gifted Capital | — | — | — | — | — | — | — | — | — | — | — | — |
| d) Interest | — | — | 140,024 | — | 16,576 | 156,600 | 22,289 | — | — | — | 15,960 | 22,289 |
| e) Staff Subscription to GPF/NPS | — | 18,355,000 | 811,097 | — | — | 19,166,097 | — | 16,418,387 | 471,773 | — | — | 16,890,160 |
| f) Staff Subscription to CPF | — | 1,995,000 | — | — | — | 1,995,000 | — | 1,344,500 | 46,063 | — | — | 1,390,563 |
| g) School Contribution to CPF/NPS | — | 523,325 | 825,925 | — | — | 1,349,250 | — | 360,450 | 475,373 | — | — | 835,803 |
| h) Interest credited in GPF Account | — | 6,230,297 | — | — | — | 6,230,297 | — | 5,577,026 | — | — | — | 5,577,026 |
| i) Interest credited in CPF Account | — | 1,436,179 | — | — | — | 1,436,179 | — | 1,376,742 | — | — | — | 1,376,742 |
| j) Refund of Advance | — | 532,683 | — | — | — | 532,683 | — | — | — | — | — | — |
| k) Adjustment in GP Fund | — | 1,493,895 | — | — | — | 1,493,895 | — | — | — | — | — | — |
| iv. Accumulated Reserve | — | — | — | — | — | — | — | — | — | — | — | — |
| v. Transfer from Corpus Fund | 812,083 | — | — | — | — | 812,083 | — | — | — | — | — | — |
| vi. Transfer from Consultancy Fund | 80,812,083 | 30,566,379 | 1,777,046 | — | 16,576 | 113,172,084 | 50,022,289 | 25,077,085 | 993,209 | — | 15,960 | 76,108,543 |
| Total (b) | 242,750,049 | 131,284,118 | 3,175,104 | — | 500,519 | 377,709,789 | 244,692,423 | 136,519,611 | 2,391,267 | 1,110,657 | 554,453 | 385,268,411 |
| TOTAL (a+b) | 242,750,049 | 131,284,118 | 3,175,104 | — | 500,519 | 377,709,789 | 244,692,423 | 136,519,611 | 2,391,267 | 1,110,657 | 554,453 | 385,268,411 |
| c) Utilisation/Expenditure towards objectives of funds | | | | | | | | | | | | |
| i. Capital Expenditure | — | — | — | — | — | — | — | — | — | — | — | — |
| Fixed Assets | — | — | — | — | — | — | — | — | — | — | — | — |
| Others | — | — | — | — | — | — | — | — | — | — | — | — |
| Disposal of unserviceable material | — | — | — | — | — | — | — | — | — | — | — | — |
| Depreciation during the year | 24,462,969 | 6,230,297 | — | — | — | 24,462,969 | 32,732,168 | — | — | — | — | 32,732,168 |
| Total | 24,462,969 | 6,230,297 | — | — | — | 24,462,969 | 32,732,168 | — | — | — | — | 32,732,168 |
| ii. Revenue Expenditure | — | — | — | — | — | — | — | — | — | — | — | — |
| Salaries, Wages and allowances etc. | — | — | — | — | — | — | — | — | — | — | — | — |
| Rent | — | — | — | — | — | — | — | — | — | — | — | — |
| Other Administrative expenses | — | — | — | — | — | — | — | — | — | — | — | — |
| Advance to staff | — | — | — | — | 104,680 | 104,680 | — | — | — | — | 3,851 | 3,851 |
| Final Payment to staff | — | 24,054,191 | — | — | — | 24,054,191 | — | 10,724,787 | — | — | 50,700 | 50,700 |
| Transferred to Unclaimed Balances | — | — | — | — | — | — | — | — | — | — | — | — |
| Transferred to amount due to consultancy project | — | — | — | — | — | — | — | — | — | — | — | — |
| Final Withdrawals by staff | — | 24,054,191 | — | — | — | 24,054,191 | — | — | — | — | — | — |
| Total | 24,462,969 | 24,054,191 | — | — | 104,680 | 24,158,871 | — | 10,724,787 | — | — | 54,561 | 11,889,995 |
| TOTAL (c) | 24,462,969 | 24,054,191 | — | — | 104,680 | 48,621,840 | 65,464,336 | 21,449,574 | — | 2,221,314 | 109,102 | 89,244,326 |
| NET BALANCE AS AT THE YEAR-END (a+b-c) | 218,287,080 | 107,229,927 | 3,175,104 | — | 395,839 | 329,087,949 | 161,937,966 | 100,717,739 | 1,398,058 | — | 483,943 | 264,537,705 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

| SCHEDULE 3.1- ENDOWMENT FUNDS | FUND-WISE BREAK UP | | | | | | | | | | | TOTAL | | |
|--|------------------------------|---------------------|--------------------------------|----------------------------------|----------------------------------|--------------------------|----------------------------------|--------------------------------|----------------------|------------------------------------|---------------|---------------|------------------------------|---------------------|
| | Shreya Anand Gold Medal A/c. | Nomi Bose Endowment | Prof. S.K. Narayana Gold Medal | Ved Prakash Saini Memorial Award | Subhash Paranjape Memorial Award | Krishna Saini Gold Medal | Prof. C.M. Master Memorial Award | Narendra Juneja Memorial Award | Setur Ananamma Award | Prof. T.J. Menickam Memorial Award | L.R. Vagle | | Vandana Goel Gold Medal Fund | M.R. Aghihotri Fund |
| a) Opening balance of the funds as on 01.04.2011 | 103,141 | (3,859) | 92,919 | 10,208 | 23,638 | 27,355 | 809 | 143,170 | 2,056 | (34,074) | 60,266 | 34,361 | 23,951 | 483,943 |
| b) Additions to the Funds: | | | | | | | | | | | | | | |
| i. Donations/Grants | | | | | | | | | | | | | | |
| ii. Income from Investments made on account of funds | 1,883 | 288 | 1,506 | 955 | 166 | 1,699 | — | 1,506 | — | 4,829 | 585 | 1,162 | 1,997 | 16,576 |
| iii. Other additions (specify nature) | | | | | | | | | | | | | | |
| a) Interest | | | | | | | | | | | | | | |
| iv. Accumulated Reserve | | | | | | | | | | | | | | |
| v. Transfer from Corpus Fund | | | | | | | | | | | | | | |
| Total (b) | 1,883 | 288 | 1,506 | 955 | 166 | 1,699 | — | 1,506 | — | 4,829 | 585 | 1,162 | 1,997 | 16,576 |
| TOTAL (a+b) | 105,024 | (3,571) | 94,425 | 11,163 | 23,804 | 29,054 | 809 | 144,676 | 2,056 | (29,245) | 60,851 | 35,523 | 25,948 | 500,519 |
| c) Utilisation/Expenditure towards objectives of funds | | | | | | | | | | | | | | |
| i. Capital Expenditure | | | | | | | | | | | | | | |
| — Fixed Assets | | | | | | | | | | | | | | |
| — Fixed Deposits | | | | | | | | | | | | | | |
| — Others | | | | | | | | | | | | | | |
| — Total | | | | | | | | | | | | | | |
| ii. Revenue Expenditure | | | | | | | | | | | | | | |
| — Salaries, Wages and Allowances etc. | | | | | | | | | | | | | | |
| — Other Administrative expenses | 8,000 | 5,000 | 8,000 | 10,000 | — | — | 880 | 8,000 | — | 56,800 | — | 8,000 | — | 104,680 |
| — Advance to staff | | | | | | | | | | | | | | |
| — Final Payment to Students | | | | | | | | | | | | | | |
| — Transferred to Unclaimed Balances | | | | | | | | | | | | | | |
| — Final Withdrawals by staff | | | | | | | | | | | | | | |
| — Total | 8,000 | 5,000 | 8,000 | 10,000 | — | — | 880 | 8,000 | — | 56,800 | — | 8,000 | — | 104,680 |
| TOTAL (c) | 8,000 | 5,000 | 8,000 | 10,000 | — | — | 880 | 8,000 | — | 56,800 | — | 8,000 | — | 104,680 |
| NET BALANCE AS ON 31-03-2012 (a+b-c) | 97,024 | (8,571) | 86,425 | 1,163 | 23,804 | 29,054 | (71) | 136,676 | 2,056 | (86,045) | 60,851 | 27,523 | 25,948 | 395,839 |

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012**

| SCHEDULE 3.1 - ENDOWMENT FUNDS | FUND-WISE BREAK UP | | | | | | | | | | | TOTAL | | |
|--|------------------------------|---------------------|--------------------------------|----------------------------------|----------------------------------|--------------------------|----------------------------------|--------------------------------|----------------------|------------------------------------|---------------|---------------|------------------------------|--------------------|
| | Shreya Anand Gold Medal A/c. | Nomi Bose Endowment | Prof. S.K. Narayana Gold Medal | Ved Prakash Saini Memorial Award | Subhash Paranjape Memorial Award | Krishna Saini Gold Medal | Prof. C.M. Master Memorial Award | Narendra Juneja Memorial Award | Setur Ananamma Award | Prof. T.J. Manickam Memorial Award | L.R. Vagle | | Vandana Goel Gold Medal Fund | M.R. Aghlotri Fund |
| a) Opening balance of the funds as on 01.04.2011 | 101,820 | (3,814) | 97,447 | 9,722 | 23,253 | 32,410 | 809 | 142,580 | 2,056 | 1,258 | 58,134 | 34,185 | 22,674 | 522,534 |
| b) Additions to the Funds: | | | | | | | | | | | | | | |
| i. Donations/Grants | | | | | | | | | | | | | | |
| ii. Income from Investments made on account of funds | | | | | | | | | | | | | | |
| iii. Other additions (specify nature) | | | | | | | | | | | | | | |
| a) Interest | 3,469 | 218 | 1,322 | 486 | 385 | 795 | — | 1,269 | — | 3,669 | 2,132 | 937 | 1,277 | 15,960 |
| iv. Accumulated Reserve | | | | | | | | | | | | | | |
| v. Transfer from Corpus Fund | | | | | | | | | | | | | | |
| Total (b) | 3,469 | 218 | 1,322 | 486 | 385 | 795 | — | 1,269 | — | 3,669 | 2,132 | 937 | 1,277 | 15,960 |
| TOTAL (a+b) | 105,289 | (3,596) | 98,769 | 10,208 | 23,638 | 33,205 | 809 | 143,849 | 2,056 | 4,927 | 60,266 | 35,122 | 23,951 | 538,494 |
| c) Utilisation/Expenditure towards objectives of funds | | | | | | | | | | | | | | |
| i. Capital Expenditure | | | | | | | | | | | | | | |
| — Fixed Assets | | | | | | | | | | | | | | |
| — Fixed Deposits | | | | | | | | | | | | | | |
| — Others | | | | | | | | | | | | | | |
| — Total | | | | | | | | | | | | | | |
| ii. Revenue Expenditure | | | | | | | | | | | | | | |
| — Salaries, Wages and Allowances etc. | | | | | | | | | | | | | | |
| — Other Administrative expenses | 2,148 | 263 | — | — | — | — | — | 679 | — | — | — | 761 | — | 3,851 |
| — Advance to staff | — | — | 5,850 | — | — | 5,850 | — | — | — | 39,000 | — | — | — | 50,700 |
| — Final Payment to Students | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — Transferred to Unclaimed Balances | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — Final Withdrawals by staff | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — Total | 2,148 | 263 | 5,850 | — | — | 5,850 | — | 679 | — | 39,000 | — | 761 | — | 54,551 |
| TOTAL (c) | 2,148 | 263 | 5,850 | — | — | 5,850 | — | 679 | — | 39,000 | — | 761 | — | 54,551 |
| NET BALANCE AS ON 31-03-2012 (a+b-c) | 103,141 | (3,859) | 92,919 | 10,208 | 23,638 | 27,355 | 809 | 143,170 | 2,056 | (34,074) | 60,266 | 34,361 | 23,951 | 483,943 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

| | CURRENT YEAR SCHOOL | PREVIOUS YEAR SCHOOL |
|---|------------------------|-------------------------|
| SCHEDULE 4 - SECURED LOANS AND BORROWINGS | | |
| 1. Central Government | — | — |
| 2. State Government (Specify) | — | — |
| 3. Financial Institutions | — | — |
| a) Term Loans | — | — |
| b) Interest accrued and due | — | — |
| 4. Banks. | — | — |
| a) Term Loans | — | — |
| — Interest accrued and due | — | — |
| b) Other Loans (specify) | — | — |
| — Interest accrued and due | — | — |
| — Overdraft facility from Canara Bank | — | — |
| 5. Other Institutions and Agencies | — | — |
| 6. Debentures and Bonds | — | — |
| 7. Others (specify) | — | — |
| TOTAL | — | — |
| SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS | | |
| 1. Central Government | — | — |
| 2. State Government (Specify) | — | — |
| 3. Financial Institutions | — | — |
| 4. Banks. | — | — |
| a) Term Loans | — | — |
| b) Other Loans (specify) | — | — |
| 5. Other Institutions and Agencies | — | — |
| 6. Debentures and Bonds | — | — |
| 7. Fixed Deposits | — | — |
| 8. Others (Specify) | — | — |
| TOTAL | — | — |
| Note : Amounts due within one year | | |
| SCHEDULE 6—DEFERRED CREDIT LIABILITIES | | |
| a) Acceptances secured by hypothecation of capital equipment and other assets | — | — |
| b) Others | — | — |
| TOTAL | — | — |
| Note : Amounts due within one year | | |

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012**

(Amount Rs.)

| | CURRENT YEAR | | | | PREVIOUS YEAR | | | | Total |
|---|-------------------|-------------------|------------------|--------------------|-------------------|-------------------|------------------|--------------------|-------------------|
| | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME | |
| SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS | | | | | | | | | |
| A. CURRENT LIABILITIES | | | | | | | | | |
| 1. School Refundable deposits, fixed deposits receipt from security (As per Annexure 7 (1)) | 33,509,453 | — | — | — | 27,408,342 | — | — | — | 27,408,342 |
| 2. Contractor's Earnest Money/Security Deposits (As per Annexure 7 (1)) | 3,104,650 | — | — | — | 3,523,356 | — | — | — | 3,523,356 |
| 3. Interest accrued but not due on: | | | | | | | | | |
| a) Secured Loans/borrowings | — | — | — | — | — | — | — | — | — |
| b) Unsecured Loans/borrowings | — | — | — | — | — | — | — | — | — |
| 4. Other current Liabilities | | | | | | | | | |
| Leave Salary Contribution | — | — | — | — | — | — | — | — | — |
| Pension Contribution | — | — | — | — | — | — | — | — | — |
| Sundry Creditors | 649,641 | — | — | — | — | — | — | — | 649,641 |
| Undisbursed Salaries-Scholarships & Wages | — | — | — | — | 6,617,369 | — | — | — | 6,617,369 |
| State cheques | 7,827,250 | — | — | — | 7,076,030 | — | — | — | 7,076,030 |
| Unclaimed balances | — | — | — | — | 1,000 | — | — | — | 1,000 |
| Payable to SPA | — | — | 9,265,690 | 44,952 | — | — | 7,309,767 | 35,056 | 7,344,823 |
| Payable to Consultancy/Project-Subsidiary Accounts | — | 3,144,145 | — | — | — | 10,016,056 | — | — | 10,016,056 |
| 5. Outstanding Expenses | | | | | | | | | |
| Academic Expenses | 1,425,770 | — | — | — | — | — | — | — | 1,425,770 |
| Administrative Expenses | 454,396 | — | — | — | 322,408 | — | — | — | 322,408 |
| Repair & Maintenance | 146,174 | — | — | — | — | — | — | — | 146,174 |
| Establishment expenses | 9,295,032 | — | — | — | 2,147,968 | — | — | — | 2,147,968 |
| Consultancy Fund | — | 8,994,100 | — | — | — | 7,554,215 | — | — | 7,554,215 |
| Concerned/PDF Department | 4,364,194 | — | — | — | — | — | — | — | 4,364,194 |
| 6. Unspent balance of the grant at the end of the year | | | | | | | | | |
| Unspent Grant at the end of the year | — | — | — | — | — | — | — | — | — |
| TOTAL (A) | 60,776,560 | 12,138,245 | 9,265,690 | 44,952 | 47,096,473 | 17,570,271 | 7,309,767 | 35,056 | 72,011,568 |
| B. PROVISIONS | | | | | | | | | |
| a) Gratuity | — | — | — | — | — | — | — | — | — |
| b) Superannuation/Pension | — | — | — | — | — | — | — | — | — |
| c) Accumulated Leave Encashment | — | — | — | — | — | — | — | — | — |
| TOTAL (B) | — | — | — | — | — | — | — | — | — |
| C. OTHER GRANTS, FACULTY DEPOSITS & SPONSORED PROJECTS | | | | | | | | | |
| Sponsored Projects (As per Annexure 7 (2)) | 14,372,182 | — | — | — | 16,293,664 | — | — | — | 16,293,664 |
| TOTAL (C) | 14,372,182 | — | — | — | 16,293,664 | — | — | — | 86,305,232 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2012

| | | | | | | | Annexure-7(1) |
|--------|--|----------------------------------|-------------------------|------------------------|----------------------|--------------------------|----------------------------------|
| S. No. | PARTICULARS | Opening balance as on 01.04.2011 | Receipt during the year | Refund during the year | Paid during the year | Adjusted during the year | Closing balance as at 31.03.2012 |
| 1. | Refundable deposits, fixed deposits receipt from security | | | | | | |
| (a) | Security Deposit-Students | 11,988,877 | 5,182,503 | 2,945,850 | — | — | 14,225,530 |
| (b) | Scholarships/Fellowships | 5,073,294 | 1,041,500 | 1,331,073 | — | — | 4,783,721 |
| (c) | Students Association Fee | 6,662,116 | 2,212,050 | 2,160,387 | — | — | 6,713,779 |
| (d) | Miscellaneous Deposits | 896,870 | 511,914 | 180,600 | — | — | 1,228,184 |
| (e) | Deduction from Salary Bills | 2,787,185 | 54,364,989 | — | 50,593,935 | — | 6,558,239 |
| | Total (A) | 27,408,342 | 63,312,956 | 6,617,910 | 50,593,935 | — | 33,509,453 |
| 2. | Contractor's Earnest Money/Security Deposits | | | | | | |
| (a) | Earnest Money Deposits | 736,354 | — | 40,450 | — | — | 695,904 |
| (b) | Security Deposit-Contractor's | 2,057,202 | 1,537,454 | 1,192,510 | — | — | 2,402,146 |
| (c) | Income Tax TDS | 729,800 | 14,118,125 | — | 14,841,325 | — | 6,600 |
| | Total (B) | 3,523,356 | 15,655,579 | 1,232,960 | 14,841,325 | — | 3,104,650 |
| | Total (A+B) | 30,931,698 | 78,968,535 | 7,850,870 | 65,435,260 | — | 36,614,103 |

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31-03-2012**

Annexure-7(2)

| S. No. | PARTICULARS | Opening balance as on 01.04.2011 | Grant/Receipt during the year | Expenditure incurred during the year | Advances Paid during the year | Advance Adjusted during the year | Closing balance as at 31.03.2012 |
|--------|--|----------------------------------|-------------------------------|--------------------------------------|-------------------------------|----------------------------------|----------------------------------|
| C) | OTHER GRANTS, FACULTY DEPOSITS & SPONSORED PROJECTS | | | | | | |
| i | Sponsored Projects | | | | | | |
| ii | Framework for Effective People | 41,780 | — | — | — | — | 41,780 |
| (a) | Ministry of Human Resource Development | — | — | — | — | — | — |
| (b) | Development of a National Urban Transportation System | 21,597 | — | — | — | — | 21,597 |
| (c) | Development of Remote Sensing & Photogrammetry | 3,678 | — | — | — | — | 3,678 |
| (d) | Natural Hazard Mitigation in the Earth Quake Prone Himalayas | 68,151 | — | — | — | — | 68,151 |
| (e) | Energy Conservation Settlements & Building through Design | 8,636 | — | — | — | — | 8,636 |
| (f) | Heritage Information Laboratory for Part Conservation Process in the Potential World Areas | 49,822 | — | — | — | — | 49,822 |
| iii | Capacity Building for the Informal Sector in Municipal Solid Water Management-MHRD | 257,714 | — | — | — | — | 257,714 |
| (a) | Ministry of Environment and Forest | | | | | | |
| (b) | Eco-System Band Dev. For carrying Capacity of Hill Resort Towns | 23,872 | — | — | — | — | 23,872 |
| (c) | ENVIS Centre for Human Settlement | 352,731 | — | 403,284 | — | — | (50,553) |
| iv | Sustainable Development Network Program (India) | 404 | — | — | — | — | 404 |
| (a) | Ministry of Non-Conventional Energy Resources | | | | | | |
| (b) | Software Development | 84,984 | — | — | — | — | 84,984 |
| v | AICTE | | | | | | |
| (a) | Strengthening of Remote Sensing Laboratory | 16,304 | — | — | — | (21,000) | 37,304 |
| (b) | Sustainable for Rural Development Evolving a Model for Variable Habitat In Selected Agroclimatic | 55,443 | — | — | — | — | 55,443 |
| (c) | Carrier Award for Young Teachers | 354 | — | — | — | — | 354 |
| (d) | Quality Improvement Programs | 328,962 | — | — | 118,000 | — | 210,962 |
| vi | FORD FOUNDATION | 400 | — | — | — | — | 400 |
| vii | UNESCO: 19 th & 20 th Century in Arch. Conservation in India | 40,880 | — | — | — | — | 40,880 |
| viii | Department of Science and Technology | — | — | — | — | — | — |
| (a) | Manual on District Planning | 27,658 | — | — | — | — | 27,658 |
| (b) | NCR Probe - DST Project | 167,634 | — | — | — | — | 167,634 |
| ix | Ministry of Home Affairs | | | | | | |
| (a) | National Programs for Capacity Bldg. Arch. in Earthquake Risk Mgmt. | 1,117,851 | — | — | — | — | 1,117,851 |
| x | Board Guidelines on principles of Zoo Designing | 600,000 | — | — | — | — | 600,000 |
| xi | Min. of H&UPA | | | | | | |
| xii | SJSRY Grant | (122,140) | — | — | — | 7,638 | (129,778) |
| xiii | M/UD - Alter, Approches to Master Plan | 355,699 | — | — | 141,638 | — | 214,061 |
| (a) | Fire Safety in Environment Project | 100,000 | — | — | — | — | 100,000 |
| (b) | Ministry of Social Welfare | 170,603 | — | — | — | — | 170,603 |
| xiv | Chance 2 sustain | 10,470,404 | 120,082 | 1,560,298 | — | — | 9,030,188 |
| xv | University of Coloyne | 768,550 | — | — | — | — | 768,550 |
| xvi | Kalpna & Sangla Project | 64,596 | 639,728 | 300,000 | — | — | 404,324 |
| xvii | Rajiv Avas Yojna | 913,027 | 2,325,000 | 1,901,074 | — | — | 1,336,953 |
| xviii | Curaj Design Project (Rajasthan University) | 50,000 | — | — | — | — | 50,000 |
| ix | Bharmour Chamba Distt. Project | 254,070 | — | 630,000 | — | — | (375,930) |
| xx | I.U.S.F.B. | — | 133,732 | — | — | — | 133,732 |
| xxi | N.R.C. Project | — | 23,793 | 122,885 | — | — | (99,092) |
| xxii | TOTAL | 16,293,664 | 3,242,335 | 4,917,541 | 259,638 | (13,362) | 14,372,182 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

| SCHEDULE 8 - FIXED ASSETS | | | GROSS BLOCK | | | | DEPRECIATION | | | | NET BLOCK | |
|---------------------------|----------------------------|--------------|--|--------------------------|----------------------------|--------------------------------|---------------------------------|-------------------|----------------------------|--------------------------|----------------------------|-----------------------------|
| Sl. No. | DESCRIPTION | Rate of Dep. | Cost/valuation As at beginning of the year | Addition during the year | Deductions during the year | Cost/valuation at the year-end | As at the beginning of the year | During the year | Deductions during the year | Total up to the year-end | As at the Current year-end | As at the Previous year-end |
| A. Land | | | | | | | | | | | | |
| 1. | Land (Leasehold) | 0% | 20,197,098 | — | — | 20,197,098 | — | — | — | — | 20,197,098 | 20,197,098 |
| | Total (A) | | 20,197,098 | — | — | 20,197,098 | — | — | — | — | 20,197,098 | 20,197,098 |
| B. Building | | | | | | | | | | | | |
| 1. | Planning | 2% | 41,323,273 | 1,134,708 | — | 42,457,981 | 8,742,585 | 849,160 | — | 9,591,745 | 32,866,236 | 32,580,688 |
| 2. | Architecture | 2% | 16,431,943 | — | — | 16,431,943 | 3,099,684 | 328,639 | — | 3,428,323 | 13,003,620 | 13,332,259 |
| 3. | M.B. Complex | 2% | 53,015,929 | 73,857 | — | 53,089,786 | 17,953,337 | 1,061,796 | — | 19,015,132 | 34,074,654 | 35,062,592 |
| 4. | Vasant Kunj | 2% | 2,270,209 | — | — | 2,270,209 | 260,867 | — | — | 260,867 | 2,009,342 | 2,009,342 |
| | Total (B) | | 113,041,354 | 1,208,565 | — | 114,249,919 | 30,056,473 | 2,239,594 | — | 32,296,067 | 81,953,852 | 82,984,881 |
| C. Fixed Assets | | | | | | | | | | | | |
| 1. | Office Equipment | 10% | 41,109,397 | 1,840,122 | — | 42,949,519 | 41,688,400 | 184,012 | 579,003 | 41,293,409 | 1,656,109 | (579,003) |
| 2. | Computer Peripherals | 20% | 102,425,011 | 2,911,348 | — | 105,336,359 | 79,675,255 | 21,067,272 | — | 100,742,527 | 4,593,832 | 22,749,756 |
| 3. | Furniture/Fixture/Fitting | 10% | 19,058,025 | 689,640 | — | 19,747,665 | 13,185,726 | 1,974,767 | — | 15,160,492 | 4,587,173 | 5,872,299 |
| 4. | Vehicles | 10% | 1,977,582 | 18,400 | — | 1,995,982 | 1,556,086 | 199,598 | — | 1,755,684 | 240,298 | 421,496 |
| 5. | Library Books & Journals | 10% | 38,150,137 | 2,171,564 | — | 40,321,701 | 38,992,793 | 217,156 | 842,656 | 38,367,294 | 1,954,408 | (842,656) |
| 6. | Gifted Books Of Journals | 10% | 22,289 | — | — | 22,289 | 2,229 | — | — | 4,458 | 17,831 | 20,060 |
| | Total (C) | | 202,742,441 | 7,631,074 | — | 210,373,515 | 175,100,489 | 23,645,034 | 1,421,659 | 197,323,864 | 13,049,651 | 27,641,952 |
| | Grand Total (A+B+C) | | 335,980,893 | 8,839,639 | — | 344,820,532 | 205,156,962 | 25,884,628 | 1,421,659 | 229,619,932 | 115,200,601 | 130,823,931 |
| | Previous Year | | 317,072,639 | 18,908,254 | — | 335,980,893 | 172,424,794 | 32,732,168 | — | 205,156,962 | 130,823,931 | 144,647,845 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

| SCHEDULE 9 - INVESTMENTS FROM ENDOWMENT FUNDS | | | CURRENT YEAR FUND-WISE BREAK UP | | | | | PREVIOUS YEAR FUND-WISE BREAK UP | | | | |
|---|--|--------------|---------------------------------|-------------------|----------------|------------------|--------------------|----------------------------------|-------------------|----------------|------------------|-------------------|
| Sl. No. | DESCRIPTION | Rate of Dep. | Endowment Fund | GPF/CPF Fund | NPS Fund | Consultancy Fund | Total | Endowment Fund | GPF/CPF Fund | NPS Fund | Consultancy Fund | Total |
| 1. | In Government Securities | | — | — | — | — | — | — | — | — | — | — |
| 2. | Other approved Securities | | — | — | — | — | — | — | — | — | — | — |
| 3. | Shares | | — | — | — | — | — | — | — | — | — | — |
| 4. | Debentures and Bonds | | — | — | — | — | — | — | — | — | — | — |
| 5. | Subsidiaries and Joint Ventures | | — | — | — | — | — | — | — | — | — | — |
| 6. | Others - Fixed Deposits with scheduled banks | | 504,295 | 98,305,921 | 420,000 | 7,000,000 | 106,230,216 | 504,295 | 76,409,884 | 420,000 | 7,000,000 | 84,334,179 |
| | TOTAL | | 504,295 | 98,305,921 | 420,000 | 7,000,000 | 106,230,216 | 504,295 | 76,409,884 | 420,000 | 7,000,000 | 84,334,179 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

(Amount Rs.)

| SCHEDULE 10 - INVESTMENTS - OTHERS | | CURRENT YEAR | | | | | PREVIOUS YEAR | | | | |
|------------------------------------|---------------------------------|--------------|---------|--------------------|------------------|-------|---------------|---------|--------------------|------------------|-------|
| | | SCHOOL | GPFICPF | NEW PENSION SCHEME | CONSULTANCY FUND | TOTAL | SCHOOL | GPFICPF | NEW PENSION SCHEME | CONSULTANCY FUND | TOTAL |
| 1. | In Government Securities | — | — | — | — | — | — | — | — | — | — |
| 2. | Other approved Securities | — | — | — | — | — | — | — | — | — | — |
| 3. | Shares | — | — | — | — | — | — | — | — | — | — |
| 4. | Debentures and Bonds | — | — | — | — | — | — | — | — | — | — |
| 5. | Subsidiaries and Joint Ventures | — | — | — | — | — | — | — | — | — | — |
| 6. | Others | — | — | — | — | — | — | — | — | — | — |
| | TOTAL | — | — | — | — | — | — | — | — | — | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

| SCHEDULE 11 - CURRENT ASSETS LOANS, ADVANCES ETC. | | CURRENT YEAR | | | | | | PREVIOUS YEAR | | | | | | |
|--|---------------------------------|--------------------|---------------------|-------------------|-----------------------------|--------------------|--------------------|---------------------|----------------|-----------------------------|-------|--|--|--|
| | | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME (NPS) | TOTAL | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME (NPS) | TOTAL | | | |
| A. | CURRENT ASSETS: | | | | | | | | | | | | | |
| | 1. Inventories | | | | | | | | | | | | | |
| | a) Stores and Spares | | | | | | | | | | | | | |
| | Semi Permanent Assets | | | | | | | | | | | | | |
| | b) Loose Tools | | | | | | | | | | | | | |
| | c) Stock-in-trade | | | | | | | | | | | | | |
| | Finished Goods | | | | | | | | | | | | | |
| | Work-in-progress | | | | | | | | | | | | | |
| | Raw Materials | | | | | | | | | | | | | |
| | 2. Sundry Debtors | | | | | | | | | | | | | |
| | a) Debts Outstanding for | | | | | | | | | | | | | |
| | a period exceeding | | | | | | | | | | | | | |
| | six months | | | | | | | | | | | | | |
| | b) Others | | | | | | | | | | | | | |
| | 3. Cash balances in hand | | | | | | | | | | | | | |
| | (including cheques/drafts | | | | | | | | | | | | | |
| | and imprest) | | | | | | | | | | | | | |
| | 4. Bank Balances: | | | | | | | | | | | | | |
| | a) With Scheduled Banks: | | | | | | | | | | | | | |
| | -On Saving Accounts | 35,772,500 | 9,286,988 | 10,232,657 | 2,767,584 | 58,059,729 | 81,407,067 | 7,590,461 | 980,660 | 100,249,997 | | | | |
| | -On Deposit Accounts | | | | | 25,050,000 | 38,050,000 | | | 38,050,000 | | | | |
| | (including Margin Money) | | | | | | | | | | | | | |
| | -On Foreign Currency | | | | | | | | | | | | | |
| | Account | 8,213,940 | | | | 8,213,940 | 12,084,554 | | | 12,084,554 | | | | |
| | -On Fund in Transit | 138,550,000 | | | | 138,550,000 | 30,000,000 | | | 30,000,000 | | | | |
| | b) With non-scheduled Banks: | | | | | | | | | | | | | |
| | -On Current Accounts | | | | | | | | | | | | | |
| | -On Deposit Accounts | | | | | | | | | | | | | |
| | -On Saving Accounts | | | | | | | | | | | | | |
| | 5. Postage in hand | 47,495 | | | | 47,495 | 47,495 | | | 47,495 | | | | |
| | TOTAL(A) | 207,633,935 | 9,286,988 | 10,232,657 | 2,767,584 | 229,921,164 | 161,589,116 | 7,590,461 | 980,660 | 180,432,046 | | | | |

(Amount Rs.)

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31-03-2012

(Amount Rs.)

| Sl. No. | SCHEDULE 11 - CURRENT ASSETS LOANS, ADVANCES ETC. | CURRENT YEAR | | | | | PREVIOUS YEAR | | | | | |
|---------|---|-------------------|------------------|------------------|--------------------------|--------------------|-------------------|------------------|------------------|--------------------------|--------------------|--|
| | | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME (NPS) | TOTAL | SCHOOL | CONSULTANCY FUND | GPF/CPF | NEW PENSION SCHEME (NPS) | TOTAL | |
| B. | LOANS, ADVANCES AND OTHER ASSETS | | | | | | | | | | | |
| 1. | Loans | | | | | | | | | | | |
| | (a) Staff Advances {As per Annexure 11(1)} | 8,571,037 | — | — | — | 8,571,037 | 7,924,098 | — | — | — | 7,924,098 | |
| | (b) Other entities engaged in activities/objective similar to that of entity {As per Annexure 11(1)} | 23,803,636 | — | — | — | 23,803,636 | 23,116,948 | — | — | — | 23,116,948 | |
| | (c) Deposits {As per Annexure 11(1)} | 262,920 | — | — | — | 262,920 | 262,920 | — | — | — | 262,920 | |
| | (d) Fixed Deposit with scheduled banks-NPS | — | — | — | — | — | — | — | — | — | — | |
| 2. | Advances and other amounts recoverable in cash or in kind or for - value to be received | | | | | | | | | | | |
| | a) On Capital Account | — | — | — | — | — | — | — | — | — | — | |
| | b) Prepayments | — | — | — | — | — | — | — | — | — | — | |
| | c) Advances to PDF Consultants & Concerned Departments | — | 215,451 | — | — | 215,451 | — | 298,452 | — | — | 298,452 | |
| | d) Others | — | — | 1,385,935 | — | 1,385,935 | — | — | 1,385,935 | — | 1,385,935 | |
| | - GPF Advances | — | — | — | — | — | — | — | 353,006 | — | 353,006 | |
| | - CPF Advances | — | — | — | — | — | — | — | — | — | — | |
| | - Amount to be recovered from GPF/CPF Fund | 9,265,690 | — | — | — | 9,265,690 | 7,309,767 | — | — | — | 7,309,767 | |
| | - Amount to be recovered from NPS Fund | 44,952 | — | — | — | 44,952 | 35,056 | — | — | — | 35,056 | |
| 3. | Income Accrued | | | | | | | | | | | |
| | a) On Investments from Earmarked/Endowment Funds | 16,576 | — | 6,571,104 | 32,472 | 6,620,152 | 14,960 | — | 4,346,078 | 32,454 | 4,393,492 | |
| | b) On Investments-Others | 2,473,895 | — | — | — | 2,473,895 | 1,160,262 | — | — | — | 1,160,262 | |
| | c) On Loans & Advances | — | — | — | — | — | — | — | — | — | — | |
| 4. | Claims Receivable | | | | | | | | | | | |
| | a) Research Project | 216,447 | — | — | — | 216,447 | 216,447 | — | — | — | 216,447 | |
| | b) Others | 191,792 | — | — | — | 191,792 | 191,792 | — | — | — | 191,792 | |
| | Prepaid Expenses | 3,970,800 | — | — | — | 3,970,800 | 4,467,150 | — | — | — | 4,467,150 | |
| | TOTAL (B) | 48,817,745 | 215,451 | 7,957,039 | 32,472 | 57,022,707 | 44,699,400 | 298,452 | 6,085,019 | 32,454 | 51,115,325 | |
| | TOTAL (A+B) | | | | | 286,943,871 | | | | | 231,547,371 | |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31-03-2012
LOANS & ADVANCES (Assets)

| Annexure-11(1) | | | | | |
|----------------|---|----------------------------------|-------------------------------|-----------------------------------|----------------------------------|
| S. No. | PARTICULARS | Opening balance as on 01.04.2011 | Advances paid during the year | Advances adjusted during the year | Closing balance as on 31.03.2012 |
| 1. | Loans & Advances Staff Advances | | | | |
| | (a) TA and L.T.C. Advances | 6,118,102 | 3,309,745 | 2,645,764 | 6,782,083 |
| | (b) Conveyance Advance | 118,570 | 24,450 | - | 143,020 |
| | (c) Festival Advance | 106,328 | 200,108 | 5,100 | 301,336 |
| | (d) Fan Advance | 3,550 | - | - | 3,550 |
| | (e) House Builing Advance | 1,197,175 | - | 310,000 | 887,175 |
| | (f) Computer Advance | 376,323 | 90,000 | 16,500 | 449,823 |
| | (g) Bycycle Advance | 4,050 | - | - | 4,050 |
| | Total | 7,924,098 | 3,624,303 | 2,977,364 | 8,571,037 |
| 2. | Other entities engaged in activities/objective similar to that of entity | | | | |
| | (a) Departmental Advances-Non Plan | 4,871,095 | 8,318,889 | 7,047,020 | 6,142,944 |
| | (b) Departmental Advances-Plan | 18,151,878 | 1,284,396 | 1,908,757 | 17,527,517 |
| | (c) SPA Vijayawada Account | 11,287 | - | - | 11,287 |
| | (d) Games Fund | 82,688 | 39,500 | 300 | 121,888 |
| | (e) Other | - | - | - | - |
| | Total | 23,116,948 | 9,642,765 | 8,956,077 | 23,803,636 |
| 3. | Deposits | | | | |
| | (a) Deposits with DESU | 200,000 | - | - | 200,000 |
| | (b) Telephone Deposit | 38,170 | - | - | 38,170 |
| | (c) Deposits with BRPL | 24,750 | - | - | 24,750 |
| | Total | 262,920 | - | - | 262,920 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
 (Amount Rs.)

| SCHEDULE 12 - GRANTS/SUBSIDIES (Irrevocable Grants & Subsidies Received) | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|---|--------------------|-------------------|--------------------|-------------------|--------------------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| 1) Central Government (Ministry of Human Resource Development, GOI) | 179,800,000 | 15,500,000 | 130,800,000 | 40,000,000 | 170,800,000 |
| Grant received from GOI under Plan for SC General | — | 3,000,000 | — | — | — |
| Grant received from GOI under Plan for ST General | — | 1,500,000 | — | — | — |
| 2) Government Agencies | — | — | — | — | — |
| 3) Institutions/Welfare Bodies | — | — | — | — | — |
| 4) International Organisations | — | — | — | — | — |
| 5) Others | — | — | — | — | — |
| Add: Unspent balance at the beginning of the year | — | — | — | 16,219,628 | 16,219,628 |
| Less: Unspent balance of grant at the end of the year | — | — | — | — | — |
| Less: Grants Capitalised during the year | — | — | — | — | — |
| TOTAL | 179,800,000 | 20,000,000 | 130,800,000 | 56,219,628 | 187,019,628 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012

(Amount Rs.)

| SCHEDULE 13 - FEES/SUBSCRIPTIONS | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|--|--------------------------------|-------------------|-------------------|-------------------|-------------------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| 1) Entrance Fees | | | | | |
| i. Admission/Application Fee | 3,235,600 | — | 3,235,600 | — | 4,272,221 |
| ii. Enrolment Fee | 735,500 | — | 735,500 | — | 675,000 |
| iii. Registration Fee | 638,693 | — | 638,693 | — | 637,984 |
| 2) Annual Fees/Subscriptions | | | | | |
| i. Tuition Fee | 14,249,200 | — | 14,249,200 | — | 13,400,156 |
| ii. Self finance Scheme fees | 8,021,434 | — | 8,021,434 | — | 6,280,097 |
| iii. Examination and Marksheet Fee | 164,550 | — | 164,550 | — | 100,900 |
| iv. Games Fee | 205,250 | — | 205,250 | — | 251,500 |
| v. Magazine Fee | — | — | — | — | 256,500 |
| vi. I-Card Fee | — | — | — | — | 1,600 |
| vii. Library Fee | 1,237,410 | — | 1,237,410 | — | 822,000 |
| viii. Mess Establishment Charges | — | — | — | — | 87,500 |
| TOTAL | 28,487,637 | — | 28,487,637 | — | 26,785,458 |
| SCHEDULE 14 - INCOME FROM INVESTMENTS | | | | | |
| | Investment from Earmarked Fund | Investment Others | | Investment Others | |
| | CURRENT YEAR | CURRENT YEAR | TOTAL | PREVIOUS YEAR | TOTAL |
| 1) Interest a) On Govt. Securities | — | — | — | — | — |
| b) Other Bonds/Debentures | — | — | — | — | — |
| 2) Endowment Fund - FDR | — | — | — | — | — |
| 3) Others Interest from investments | — | — | — | — | — |
| Less: Transferred to GPF Fund | — | — | — | — | — |
| TOTAL | — | — | — | — | — |
| TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS | — | — | — | — | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
 (Amount Rs.)

| SCHEDULE 15 - INCOME FROM ROYALTY, PUBLICATIONS ETC. | CURRENT YEAR | | PREVIOUS YEAR | |
|---|--------------|----------|---------------|----------|
| | NON PLAN | PLAN | NON PLAN | PLAN |
| 2. Income from Publication | | | | |
| - Publication Sales | — | — | — | — |
| - Outside Publication | — | — | — | — |
| - Prospectus Sale | — | — | — | — |
| - Brochures Sale | — | — | — | — |
| 3. Others (Specify) | — | — | — | — |
| TOTAL | — | — | — | — |

| SCHEDULE 16 - INTEREST EARNED | CURRENT YEAR | | PREVIOUS YEAR | |
|---|-------------------|----------|-------------------|----------|
| | NON PLAN | PLAN | NON PLAN | PLAN |
| 1. On Term Deposits | | | | |
| a) With Scheduled Banks | 14,176,977 | — | 13,619,326 | — |
| b) With Non-Scheduled Banks | — | — | — | — |
| c) Others | — | — | — | — |
| 2. On Savings Accounts: | | | | |
| a) With Scheduled Banks | 2,946,248 | — | 2,070,546 | — |
| b) With Non-Scheduled Banks | — | — | — | — |
| c) Post Office Saving Accounts | — | — | — | — |
| d) Others-Foreign Currency Account | — | — | — | — |
| 3. On Loans: | | | | |
| a) Employees/Staff | 272,563 | — | 276,025 | — |
| b) Others | — | — | — | — |
| 4. Interest on Debtors and Other Receivables | | | | |
| TOTAL | 17,395,788 | — | 15,965,897 | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
(Amount Rs.)

| SCHEDULE 17 - OTHER INCOME | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|--------------------------------|-------------------|----------|-------------------|----------|-------------------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| Hostel Rent | 2,770,898 | — | 2,724,300 | — | 2,724,300 |
| Guest Room Rent | 246,800 | — | 238,508 | — | 238,508 |
| Rent from others | 67,950 | — | 57,700 | — | 57,700 |
| Fine/Loss Charges | 379,862 | — | 158,252 | — | 158,252 |
| Miscellaneous Receipts | 459,991 | — | 256,477 | — | 256,477 |
| Licence Fee | 16,198 | — | 350,207 | — | 350,207 |
| Water Charges | 3,242 | — | 18,665 | — | 18,665 |
| Electricity Charges | 1,552,026 | — | 2,421,527 | — | 2,421,527 |
| Sale of Tender Form | 67,200 | — | 27,000 | — | 27,000 |
| Leave Salary Contribution | — | — | 5,443 | — | 5,443 |
| Consultancy Fee— School Share | 6,901,726 | — | 4,877,170 | — | 4,877,170 |
| Auction sale of absolute items | — | — | 84,560 | — | 84,560 |
| Others | 152,847 | — | 188,393 | — | 188,393 |
| R.T.I. | 2,555 | — | — | — | — |
| Prior Peiord Income | — | — | 3,500 | — | 3,500 |
| TOTAL | 12,621,295 | — | 11,411,702 | — | 11,411,702 |

| SCHEDULE 18 - INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|---|--------------|----------|---------------|----------|----------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| Closing Stock | — | — | — | — | — |
| - Finished Goods | — | — | — | — | — |
| - Work in Progress | — | — | — | — | — |
| - Semi Permanent Assets | — | — | — | — | — |
| Less: Opening Stock | — | — | — | — | — |
| - Finished Goods | — | — | — | — | — |
| - Work in Progress | — | — | — | — | — |
| - Semi Permanent Assets | — | — | — | — | — |
| NET INCREASE/DECREASE (a - b) | — | — | — | — | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
 (Amount Rs.)

| | CURRENT YEAR | | | PREVIOUS YEAR | | |
|--|--------------------|------------------|--------------------|--------------------|-------------------|--------------------|
| | NON PLAN | PLAN | TOTAL | NON PLAN | PLAN | TOTAL |
| | | | | | | |
| a) Salaries and Wages | 48,746,815 | 1,038,664 | 49,785,479 | 41,955,565 | 3,070,716 | 45,026,281 |
| b) Allowances and Bonus | 57,734,338 | 2,827,188 | 60,561,526 | 54,088,223 | 1,223,281 | 55,311,504 |
| d) Contribution to GPF/CPF and NPS | 10,998,022 | — | 10,998,022 | 7,955,147 | — | 7,955,147 |
| e) Contribution to Other Fund | — | — | — | — | — | — |
| f) Staff Welfare Expenses | — | — | — | — | — | — |
| f) Expenses on Employee's Retirement and Terminal Benefits | 49,196,908 | — | 49,196,908 | 24,929,399 | — | 24,929,399 |
| g) Personal Development Account (PDA-2008-2011) Arrears | 573,979 | — | 573,979 | 11,350,613 | — | 11,350,613 |
| h) Personal Development Account (PDA-2011-2014) | 1,834,478 | — | 1,834,478 | — | — | — |
| i) Other | 3,145,136 | — | 3,145,136 | 2,728,001 | — | 2,728,001 |
| Reimbursement of Medical Claims | 1,207,921 | 171,550 | 1,379,471 | 662,101 | 499,787 | 1,161,888 |
| Fee & Honorarium | — | — | — | — | — | — |
| Others | 538,973 | — | 538,973 | 908,901 | — | 908,901 |
| - CGHS Contribution | 25,386,471 | 1,173,200 | 26,559,671 | 10,567,796 | 12,735,577 | 23,303,373 |
| - Pay of Part - time Officers | — | — | — | 13,202,693 | — | 13,202,693 |
| - Ad-hoc Arrear VI CPC | — | — | — | — | — | — |
| TOTAL | 199,363,041 | 5,210,602 | 204,573,643 | 168,348,439 | 17,529,361 | 185,877,800 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
(Amount Rs.)

| | CURRENT YEAR | | | PREVIOUS YEAR | | |
|---------------------------------|-----------------------------------|------------------|-------------------|------------------|-------------------|------------------|
| | NON PLAN | PLAN | TOTAL | NON PLAN | PLAN | TOTAL |
| | a) Expenses on Seminar/ Workshops | 559,348 | — | 559,348 | — | 416,625 |
| b) Others: | | | | | | |
| i) Scholarship | 11,429,452 | 1,171,384 | 12,600,836 | 5,137,726 | 4,268,000 | 9,405,726 |
| ii) Convocation & Exhibitions | 521,109 | — | 521,109 | 624,299 | 23,123 | 647,422 |
| iii) Reimbursement of Books | — | — | — | — | — | — |
| iv) Centre for Studies | — | — | — | — | — | — |
| v) Remuneration to Paper Setter | 192,700 | — | 192,700 | — | 137,700 | 137,700 |
| vi) Prior Period Expenses | — | — | — | 2,243,517 | 5,932,142 | 8,175,659 |
| c) Others Expenses | — | — | — | — | — | — |
| TOTAL | 12,702,609 | 1,171,384 | 13,873,993 | 8,005,542 | 10,777,590 | 18 783132 |

| | CURRENT YEAR | | | PREVIOUS YEAR | | |
|--|--|----------|----------|---------------|----------|----------|
| | NON PLAN | PLAN | TOTAL | NON PLAN | PLAN | TOTAL |
| | a) Grants Given to Institutions/Organisation | — | — | — | — | — |
| b) Subsidies given to Institutions/Organisations | — | — | — | — | — | — |
| TOTAL | — | — | — | — | — | — |

| | CURRENT YEAR | | | PREVIOUS YEAR | | |
|---|-------------------|------------|-------------------|-------------------|------------|-------------------|
| | NON PLAN | PLAN | TOTAL | NON PLAN | PLAN | TOTAL |
| | a) Fixed Assets | 23,645,034 | — | 23,645,034 | 30,516,745 | — |
| b) Building | 2,239,594 | — | 2,239,594 | 2,215,423 | — | 2,215,423 |
| TOTAL | 25,884,628 | — | 25,884,628 | 33,732,168 | — | 33,732,168 |
| Less: Transferred to Fixed Asset Fund/Building Fund | (25,884,628) | — | (25,884,628) | (33,732,168) | — | (33,732,168) |
| TOTAL | — | — | — | — | — | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
(Amount Rs.)

| | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| SCHEDULE 23 - ADMINISTRATIVE EXPENSES | | | | | |
| (a) Electricity Expenses | 5,529,092 | 2,249,310 | 7,778,402 | 3,320,821 | 7,385,622 |
| (b) Water Charges | 6,481,840 | 3,744,189 | 10,226,029 | 3,639,405 | 5,482,489 |
| (c) Rent, Rates and Taxes | 631,713 | 1,734,847 | 2,366,560 | 631,713 | 2,366,558 |
| (d) Postage, Telephone and Communication Charges | 813,041 | — | 813,041 | 688,965 | 688,965 |
| (e) Printing and Publications | 940,477 | — | 940,477 | 856,875 | 856,875 |
| (f) Travelling and Conveyance Expenses | 260,548 | — | 260,548 | 342,995 | 342,995 |
| (g) Professional /Legal Charges | 1,174,041 | — | 1,174,041 | 611,252 | 611,252 |
| (h) Advertisement and Publicity | 1,993,720 | — | 1,993,720 | 2,189,454 | 2,189,454 |
| (i) Subsidy given to students of mess | 2,600,000 | 2,000,000 | 4,600,000 | 627,500 | 2,640,500 |
| (j) Others | | | | | |
| i) Consumable Article for Audio Visuals | 29,797 | — | 29,797 | 138,768 | 138,768 |
| ii) Audit Fee | 58,494 | — | 58,494 | 64,320 | 64,320 |
| iii) Bank Charges | 98,857 | — | 98,857 | 268,640 | 268,640 |
| iv) Liveries and Washing Allowance | 173,179 | — | 173,179 | 90,393 | 90,393 |
| v) Other Contingent Charges | 1,603,242 | 6,966,576 | 8,569,818 | 56,406 | 6,942,123 |
| vi) Refreshment Charges | 269,477 | — | 269,477 | 216,033 | 216,033 |
| vii) Binding Charges | 56,022 | — | 56,022 | 142,055 | 142,055 |
| viii) Office Stationery | 925,305 | — | 925,305 | 1,044,535 | 1,044,535 |
| ix) Membership Fee | 143,680 | — | 143,680 | 178,444 | 178,444 |
| x) Office Books | — | — | — | — | — |
| xi) Training Course | 25,716 | — | 25,716 | 52,116 | 52,116 |
| xii) Newspapers | 98,671 | — | 98,671 | 68,895 | 83,853 |
| xiii) JNU | 462,526 | — | 462,526 | — | 319,224 |
| xiv) Other administrative expenses | — | — | — | — | — |
| (k) Prior Period Expenses | 600,000 | — | 600,000 | — | — |
| TOTAL | 24,969,438 | 16,694,922 | 41,664,360 | 15,229,585 | 32,105,214 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
SCHEDULE FORMING PART OF INCOME & EXPENDITURE FOR THE PERIOD ENDED 31-03-2012
 (Amount Rs.)

| SCHEDULE 24 - REPAIR & MAINTENANCE EXPENSES | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|--|-------------------|-------------------|------------------|------------------|-------------------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| Repair & Maintenance | | | | | |
| i) Cleaning Material | 169,496 | — | 164,190 | — | 164,190 |
| ii) Repair and Maintenance (Building/ Furniture/ Equipment etc.) | 12,115,845 | 5,354,984 | 5,363,702 | 4,917,512 | 10,281,214 |
| iii) Electrical Goods | 254,033 | — | 215,605 | — | 215,605 |
| iv) Computer Facilities Maintenance | 1,879,955 | 7,533,998 | — | 6,571,793 | 6,571,793 |
| TOTAL | 14,419,329 | 12,888,982 | 5,743,497 | 11489 305 | 17,232,802 |

| SCHEDULE 25 - INTEREST | CURRENT YEAR | | PREVIOUS YEAR | | TOTAL |
|--|--------------|----------|---------------|----------|----------|
| | NON PLAN | PLAN | NON PLAN | PLAN | |
| a) On Fixed Loan | — | — | — | — | — |
| b) On other Loans (including Bank Charges) | — | — | — | — | — |
| c) Others (specify) | — | — | — | — | — |
| TOTAL | — | — | — | — | — |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT AND PAYMENTS OF NON PLAN & PLAN FOR THE PERIOD 01.04.2011 TO 31.03.2012
(Amount Rs.)

| RECEIPTS | CURRENT YEAR | PREVIOUS YEAR | PAYMENTS | CURRENT YEAR | PREVIOUS YEAR |
|--|--------------|---------------|---|--------------------|--------------------|
| I | | | Expenses | | |
| Opening Balance | — | — | a) Establishment Expenses (Corresponding to Schedule 19) | 204,043,949 | 184,280,470 |
| a) Cash in hand | — | — | b) Academic Expenses (Corresponding to Schedule 20) | 12,448,223 | 19,606,998 |
| b) Bank Balances | 91,678,876 | 106,442,710 | c) Administrative Expenses (Corresponding to Schedule 23) | 42,600,204 | 35,325,234 |
| Saving Bank Accounts | 30,000,000 | — | d) Repair & Maintenance Expenses (Corresponding to Schedule 24) | 26,665,787 | 17,451,954 |
| Fund in transit | 12,084,554 | 1,620 | Amount spent on sponsored projects | 5,163,817 | 1,883,052 |
| Foreign Exchange Account | 38,050,000 | 45,050,000 | Advances/payment to parties | 13,267,068 | 17,152,547 |
| c) Fixed Deposit with banks | 47,495 | 47,495 | Investments and deposits made | — | — |
| d) Postage in hand | 504,295 | 504,295 | a) Out of Earmarked/Endowment funds | — | — |
| e) Endowment Fund Deposits | — | — | b) Out of Own Funds (Investments-Others) | 20,000,000 | 239,000,000 |
| II | | | Expenditure on Fixed Assets & Capital Work In Progress | 8,027,556 | 18,885,965 |
| a) From Government of India | 199,800,000 | 170,800,000 | a) Purchase of Fixed Assets | — | — |
| - Ministry of HRD | 80,000,000 | 50,000,000 | b) Expenditure on Capital Work in Progress | — | — |
| - Department of HRD (Capital Grant) | — | — | Refund of surplus money/Loans | — | — |
| c) From other sources (details) | — | — | a) To the Government of India | — | — |
| -for Research Project | — | — | b) To the State Government | — | — |
| III | | | c) To Banks | — | — |
| Income on Investments from | | | d) To other providers of funds | 1,965,819 | 4,073,530 |
| a) Earmarked/Endow. Funds | 2,946,248 | 2,070,546 | Amount recoverable from GPF/CPF & NPS | — | — |
| b) Own funds (Oth. Investments) | 12,878,304 | 14,325,953 | Other Payments (Specify) | — | — |
| IV | | | a) Expenditure on Grant & Subsidies | — | — |
| Interest Received | 272,563 | 276,025 | b) Prepaid Expenses | — | 4,467,150 |
| On Bank Deposits (Saving) | — | — | Refundable deposits from students | 57,211,845 | 11,332,063 |
| a) On Bank Deposits (FDR) | 28,487,637 | 26,785,458 | Contractor's Earnest Money/ Security Deposits | 16,074,285 | 15,521,415 |
| b) On Loans, Advances etc. | 20,000,000 | 239,000,000 | Amount spent on endowment fund | 104,680 | 3,851 |
| V | | | Closing Balances | — | — |
| Income received from students | — | — | a) Cash in hand | — | — |
| - Fees from Students | 5,719,569 | 6,535,532 | b) Bank Balances | 45,059,488 | 81,407,067 |
| VI | | | Saving Bank Accounts | 138,550,000 | 30,000,000 |
| Encashment of Investment | 6,901,726 | 4,877,170 | Fund in transit | 8,213,940 | 12,084,554 |
| VII | | | Foreign Exchange Account | 25,050,000 | 38,050,000 |
| Receipts for various projects | 12,016,452 | 10,056,431 | c) Fixed Deposit with banks | 47,495 | 47,495 |
| VIII | | | d) Postage in hand | 504,295 | 504,295 |
| Any other receipts | 5,719,569 | 6,535,532 | e) Endowment Fund Deposits | — | — |
| IX | | | TOTAL | 624,998,451 | 731,077,640 |
| Consultancy receipts | 6,901,726 | 4,877,170 | | | |
| X | | | | | |
| Advances Adjusted | 12,016,452 | 10,056,431 | | | |
| XI | | | | | |
| Refundable deposits from students | 63,312,956 | 15,354,569 | | | |
| XII | | | | | |
| Contractor's Earnest Money/ Security Deposits | 15,655,579 | 16,794,810 | | | |
| XIII | | | | | |
| Receipts for sponsored projects | 3,242,335 | 15,078,996 | | | |
| XIV | | | | | |
| Stale Cheques | 751,220 | 7,076,030 | | | |
| XV | | | | | |
| Sundry Creditors | 648,641 | — | | | |

Compiled on the basis of books of accounts and vouchers
For RAJNISH & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

Sd/-
ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF NEW PENSION SCHEME AS ON 31.03.2012

(Amount Rs.)

| LIABILITIES | CURRENT YEAR | PREVIOUS YEAR | ASSETS | CURRENT YEAR | PREVIOUS YEAR |
|--|------------------|------------------|--|------------------|------------------|
| Opening balance of Fund | 1,398,058 | — | Investment in Fixed Deposit with scheduled banks | 420,000 | 420,000 |
| Add: Member's Subscription | 811,097 | — | Accrued Interest on FDR,s | 32,472 | 32,454 |
| Add: School Contribution | 825,925 | — | | | |
| Add: Interest credited to the member's account | 140,024 | — | | | |
| Closing balance of Fund | 3,175,104 | 1,398,058 | Balance at Bank | 2,767,584 | 980,660 |
| Amount payable to SPA | 44,952 | 35,056 | | | |
| TOTAL | 3,220,056 | 1,433,114 | TOTAL | 3,220,056 | 1,433,114 |

Compiled on the basis of books of accounts and vouchers
For RAJNISH & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

Sd/-
ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
RECEIPT & PAYMENT ACCOUNT OF NEW PENSION SCHEME FOR THE YEAR ENDING 31.03.2012
 (Amount Rs.)

| S. No. | RECEIPTS | CURRENT YEAR | PREVIOUS YEAR | S No. | PAYMENTS | CURRENT YEAR | PREVIOUS YEAR |
|--------|--|-------------------------------|-------------------------------|-------|---|------------------|------------------|
| I. | Opening Balance Subscription from employees Contribution to NPS Fund | 980,660 811,097 825,925 | 407,451 471,773 475,373 | I. | Investment in Fixed Deposit Fixed deposit with UCO Bank | — | 420,000 |
| II. | Interest receipt from School - Contribution - Subscription | 85,873 54,151 | 15,657 30,406 | II. | Interest paid during the year -Contribution -Subscription | — — | — — |
| III. | Interest earned from Bank -Other (on saving bank account) | 37,659 | 5,777 | III. | Interest transferred to school -Other (on saving bank account) | 27,781 | 5,777 |
| IV. | Interest shortfall | — | — | IV. | Closing Balance Balances at bank | 2,767,584 | 980,660 |
| | TOTAL | 2,795,365 | 1,406,437 | | TOTAL | 2,795,365 | 1,406,437 |

Compiled on the basis of books of accounts and vouchers

For RAJNISH & ASSOCIATES
 CHARTERED ACCOUNTANTS

Sd/-
 (PARTNER)

Sd/-
 ANUJ BHARDWAJ
 SECTION OFFICER

Sd/-
 N.K. SHARMA
 ACTING REGISTRAR

Sd/-
 SANDEEP SANCHETI
 DIRECTOR

PLACE : NEW DELHI
 DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
BALANCE SHEET OF GENERAL/CONTRIBUTORY PROVIDENT FUND AS ON 31.03.2012

(Amount Rs.)

| LIABILITIES | CURRENT YEAR | PREVIOUS YEAR | ASSETS | CURRENT YEAR | PREVIOUS YEAR |
|---|--------------------|--------------------|------------------------------------|--------------------|--------------------|
| Opening G.P.F. Fund | 81,472,882 | 66,839,748 | INVESTMENTS | 79,118,000 | 76,409,884 |
| Additions: | | | Fixed Deposit Scheme (GPF and CPF) | | |
| G.P.F. Subscription | 18,355,000 | 16,418,387 | Interest Accrued on Fixed Deposits | 6,571,104 | 4,346,078 |
| G.P.F. Advance | 385,689 | — | Advance recoverable from GPF | 1,385,935 | 1,385,935 |
| G.P.F. Interest | 6,230,297 | 5,577,026 | Advance recoverable from CPF | — | 353,006 |
| G.P.F. Fund | 1,493,895 | | Special Deposit Scheme: | | |
| Deductions: | | | -under G.P. Fund | 14,900,720 | 13,654,941 |
| Full & final payments/withdrawals by staff | 22,204,191 | 7,362,279 | -under C.P. Fund | 4,287,201 | 4,287,201 |
| Closing balance of GPF Fund- | 85,733,572 | 81,472,882 | Bank Balance | | |
| Opening CPF Fund | 19,244,857 | 19,525,693 | G.P. Fund | 6,855,728 | 5,190,505 |
| Additions: | | | C.P. Fund | 3,376,929 | 2,399,956 |
| C.P.F. Subscription | 1,995,000 | 1,344,500 | | | |
| C.P.F. Contribution | 523,325 | — | | | |
| C.P.F. Advance | 146,994 | 360,430 | | | |
| C.P.F. Interest: | | | | | |
| (i) Contribution | 525,794 | 480,515 | | | |
| (ii) Subscription | 910,385 | 896,227 | | | |
| Deductions: | | | | | |
| C.P.F. Subscription | 1,850,000 | 990,699 | | | |
| C.P.F. Contribution | — | 2,371,809 | | | |
| Closing balance of CPF Fund | 21,496,355 | 19,244,857 | | | |
| Amount payable to SPA relating to earlier years | 2,963,689 | 2,963,689 | | | |
| Amount payable to SPA | 6,302,001 | 4,346,078 | | | |
| TOTAL | 116,495,617 | 108,027,506 | TOTAL | 116,495,617 | 108,027,506 |

Compiled on the basis of books of accounts and vouchers
For RAJNISH & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

Sd/-
ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI

RECEIPT & PAYMENT OF GENERAL/CONTRIBUTORY PROVIDENT FUND FOR THE PERIOD 01.04.2011 TO 31.03.2012

(Amount Rs.)

| S. No. | RECEIPTS | CURRENT YEAR | PREVIOUS YEAR | S No. | PAYMENTS | CURRENT YEAR | PREVIOUS YEAR |
|--------|---|--|---|-------|---|---|--|
| I. | Opening Balance G.P. Fund C.P. Fund G.P. Fund Subscription G.P. Fund Interest C.P. Fund Subscription C.P. Fund Contribution | 5,190,505 2,399,956 18,514,300 <u>6,220,102</u> 1,832,000 <u>523,325</u> 2,355,325 | 16,792,510 2,491,734 19,284,244 16,418,387 <u>5,577,026</u> 1,344,500 <u>539,058</u> 1,883,558 | I. | G.P. Fund Subscription C.P. Fund Subscription C.P. Fund Contribution Interest on Investment/saving account transferred to school | — 1,850,000 — 1,850,000 | — 2,371,809 — <u>990,699</u> 3,362,508 |
| II. | G.P. Fund Advance | — | 1,924,955 | II. | G.P. Fund | 2,418,645 | 386,455 |
| III. | C.P. Fund Advance | — | 360,430 | III. | C.P. Fund | <u>168,289</u> | 162,399 |
| IV. | C.P. Fund Interest | 525,794 | 480,515 | IV. | G.P. Fund Advance | 938,029 | 1,667,200 |
| V. | (i) Contribution (ii) Subscription Encashment of FDR's/Special Deposit Schemes | <u>910,385</u> 1,436,179 | <u>896,227</u> 1,376,742 | V. | Investment on FDR's/Special Deposit Scheme | 700,000 | 750,000 |
| VI. | Interest on Investment G.P. Fund Saving Bank Account & FDR's C.P. Fund Saving Bank Account & FDR's | 10,040,000 <u>4,000,000</u> 14,040,000 | 7,000,000 <u>4,100,000</u> 11,100,000 | VI. | G.P. Fund C.P. Fund Bank Charges | 11,000,000 <u>5,500,000</u> 3,708 | 33,500,000 3,700,000 37,200,000 |
| VII. | Interest on Special Deposit Scheme G.P. Fund Saving Bank Account & FDR's C.P. Fund Saving Bank Account & FDR's | 2,130,339 <u>205,095</u> 2,335,434 | 394,427 <u>162,399</u> 556,826 | VII. | Interest On Special Deposit Scheme G.P. Fund C.P. Fund | 1,192,058 <u>342,976</u> 1,535,034 | 1,192,058 — 1,192,058 |
| VIII. | Interest on Special Deposit Scheme G.P. Fund C.P. Fund | 1,192,058 <u>342,976</u> 1,535,034 | — — 1,192,058 | VIII. | Closing Balance G.P. Fund C.P. Fund | 6,855,728 <u>3,376,929</u> 10,232,657 | 5,190,505 2,399,956 7,590,461 |
| TOTAL | | — | 56,550,553 | TOTAL | | — | 59,674,226 |

Compiled on the basis of books of accounts and vouchers

For RAJNISH & ASSOCIATES
CHARTERED ACCOUNTANTS

Sd/-
(PARTNER)

ANUJ BHARDWAJ
SECTION OFFICER

Sd/-
N.K. SHARMA
ACTING REGISTRAR

Sd/-
SANDEEP SANCHETI
DIRECTOR

PLACE : NEW DELHI
DATE : 21st JUNE, 2012

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
STATUS OF CPF INVESTEMENT AS ON 31ST MARCH, 2012

(Amount Rs.)

| S. 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 | Interest accrued upto 31.03.2011 | Interest accrued during the year | Total Accrued Interest upto 31.03.2012 |
|--------|------------------|---------|------------------|-----------------|---------------|-------------------|-------------------|------------------|----------------------------------|----------------------------------|--|
| 1 | Uco Bank IIPA | 551,727 | 8.50% | 12 Months | 17-Apr-11 | 78,000 | 84,844 | 17-Apr-12 | — | 6,526 | 6,526 |
| 2 | Uco Bank IIPA | 550,818 | 9.50% | 12 Months | 21-Jan-12 | 150,000 | 164,766 | 21-Jan-13 | — | 2,824 | 2,824 |
| 3 | Uco Bank IIPA | 550,819 | 9.50% | 12 months | 21-Jan-12 | 150,000 | 164,766 | 21-Jan-13 | — | 2,824 | 2,824 |
| 4 | Uco Bank IIPA | 474,295 | 9.50% | 12 Months | 21-Jan-12 | 1,200,000 | 1,318,126 | 21-Jan-13 | — | 22,592 | 22,592 |
| 5 | Uco Bank IIPA | 474,296 | 9.50% | 12 Months | 21-Jan-12 | 1,200,000 | 1,318,126 | 21-Jan-13 | — | 22,592 | 22,592 |
| 6 | Uco Bank IIPA | 474,297 | 9.50% | 12 Months | 21-Jan-12 | 1,100,000 | 1,208,282 | 21-Jan-13 | — | 20,710 | 20,710 |
| 7 | Uco Bank IIPA | 474,970 | 9.50% | 12 Months | 21-Sep-11 | 1,500,000 | 1,647,657 | 21-Sep-12 | — | 77,459 | 77,459 |
| 8 | Uco Bank IIPA | 474,838 | 9.00% | 12 months | 16-Jun-11 | 2,000,000 | 2,186,167 | 16-Jun-12 | — | 147,001 | 147,001 |
| 9 | Uco Bank IIPA | 552,135 | 7.50% | 36 months | 16-Jun-09 | 2,000,000 | 2,499,433 | 16-Jun-12 | 428,802 | 35,543 | 464,345 |
| 10 | Allahabad Bank | 82,932 | 9.50% | 12 Months | 10-Aug-11 | 900,000 | 988,532 | 10-Jul-12 | — | 61,840 | 61,840 |
| 11 | Allahabad Bank | 82,934 | 9.50% | 12 Months | 26-Oct-11 | 800,000 | 878,695 | 25-0d-12 | — | 33,850 | 33,850 |
| | Total | | | | | 11,078,000 | 12,459,394 | | 428,802 | 433,762 | 862,564 |

STATUS OF GPF INVESTEMENT AS ON 31ST MARCH, 2012

| S. 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 | Interest accrued upto 31.03.2011 | Interest accrued during the year | Total Accrued Interest upto 31.03.2012 |
|--------|------------------|---------------|------------------|-----------------|---------------|-------------------|-------------------|------------------|----------------------------------|----------------------------------|--|
| 1 | Uco Bank IIPA | 552086990863 | 8.50% | 12 months | 9-Apr-11 | 165,000 | 179,478 | 9-A r-12 | — | 14,122 | 14,122 |
| 2 | Uco Bank IIPA | 551,284 | 9.50% | 12 Months | 21-Jan-12 | 6,000,000 | 6,590,630 | 21-Jan-13 | — | 112,962 | 112,962 |
| 3 | Uco Bank IIPA | 474,433 | 8.50% | 12 months | 22-Apr-11 | 9,000,000 | 9,789,732 | 22-Apr-12 | — | 742,262 | 742,262 |
| 4 | Uco Bank IIPA | 474,162 | 9.00% | 12 months | 4-Apr-11 | 2,000,000 | 2,186,167 | 4-Apr-12 | — | 184,132 | 184,132 |
| 5 | Uco Bank IIPA | 120,346 | 8.50% | 12 months | 22-Apr-11 | 5,000,000 | 5,438,740 | 22-Apr-12 | — | 412,368 | 412,368 |
| 6 | Uco Bank IIPA | 552,134 | 7.50% | 36 Months | 16-Jun-09 | 4,000,000 | 4,998,866 | 16-Jun-12 | 857,603 | 71,087 | 928,690 |
| 7 | Uco Bank IIPA | 551,809 | 7.50% | 36 Months | 14-Jul-09 | 2,500,000 | 3,124,291 | 14-Jul-12 | 504,104 | 60,379 | 564,482 |
| 8 | Uco Bank IIPA | 551,808 | 7.50% | 36 Months | 14-Jul-09 | 2,500,000 | 3,124,291 | 14-Jul-12 | 504,104 | 60,379 | 564,482 |
| 9 | Uco Bank IIPA | 474,837 | 9.00% | 12months | 16-Jun-11 | 6,000,000 | 6,558,500 | 16-Jun-12 | — | 441,001 | 441,001 |
| 10 | Uco Bank IIPA | 474,491 | 9.50% | 12months | 16-Jan-12 | 4,000,000 | 4,393,753 | 16-Jan-13 | — | 80,687 | 80,687 |
| 11 | Uco Bank IIPA | 120,237 | 9.50% | 12 Months | 24-Jan-12 | 2,500,000 | 2,746,096 | 24-Jan-13 | — | 45,050 | 45,050 |
| 12 | Uco Bank IIPA | 474,734 | 9.50% | 12 Months | 3-Jan-12 | 4,000,000 | 4,393,753 | 3-Jan-13 | — | 94,673 | 94,673 |
| 13 | Uco Bank IIPA | 474,434 | 8.50% | 12months | 22-Apr-11 | 6,000,000 | 6,526,488 | 22-Apr-12 | — | 494,841 | 494,841 |
| 14 | Allahabad Bank | 82,929 | 9.50% | 12 Months | 10-Jun-11 | 2,000,000 | 2,196,737 | 10-Jun-12 | — | 158,572 | 158,572 |
| 15 | Allahabad Bank | 82,930 | 9.50% | 12 Months | 10-Jun-11 | 3,500,000 | 3,844,290 | 10-Jun-12 | — | 277,502 | 277,502 |
| 16 | Allahabad Bank | 82,931 | 9.50% | 12 Months | 10-Aug-11 | 3,500,000 | 3,844,290 | 10-Aug-12 | — | 220,120 | 220,120 |
| 17 | Uco Bank IIPA | 1820300003636 | 9.50% | 12 Months | 3-Nov-10 | 180,000 | 193,409 | 3-Nov-11 | — | 18,883 | 18,883 |
| 18 | Uco Bank IIPA | 1820300003659 | 9.50% | 12 Months | 9-Nov-10 | 195,000 | 209,527 | 9-Nov-11 | — | 20,218 | 20,218 |
| 19 | Canara Bank | 150,313 | 8.75% | 12 Months | 5-Jul-11 | 5,000,000 | 5,452,087 | 5-Jul-12 | — | 333,492 | 333,492 |
| | Total | | | | | 68,040,000 | 75,791,105 | | 1,865,810 | 3,842,730 | 5,708,540 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
STATUS OF NEW PENSION SCHEME INVESTMENT AS ON 31ST MARCH, 2012

(Amount Rs.)

| S. 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 | Interest accrued upto 31.03.2011 | Interest accrued during the year | Total Accrued Interest upto 31.03.2012 |
|--------|------------------|--------------|------------------|-----------------|---------------|----------------|-------------------|------------------|----------------------------------|----------------------------------|--|
| 1 | Uco Bank IIPA | 474,466 | 9.00% | 12 months | 1-Jun-11 | 420,000 | 459,095 | 1-Jun-12 | — | 32,472 | 32,472 |
| | | Total | | | | 420,000 | 459,095 | | — | 32,472 | 32,472 |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI

SCHEDULES FORMING PART OF THE FINANCIAL ACCOUNTS FOR THE YEAR ENDING 31-03-2012

SCHEDULE 26 - SIGNIFICANT ACCOUNTING POLICIES

1. ACCOUNTING CONVENTION

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

2.1. Fees from students towards entrance fees and annual fees etc including sale of admission forms are recognised on receipt basis. Other Income is recognised on receipt basis.

2.2. Interest on term deposits is accounted on accrual basis.

3. INVESTMENTS

3.1. Investments classified as "long term investments" are carried at cost. Provision for decline, other than temporary, is made in carrying cost of such investments.

3.2. Investments classified as "Current" are carried at lower of cost and fair value. Provision for shortfall on the value of such investments is made for each investment considered individually and not on a global basis.

3.3. Cost includes acquisition expenses like brokerage, transfer stamps.

4. FIXED ASSETS

4.1. Fixed Assets are stated at cost of acquisition less accumulated depreciation inclusive of inward freight, duties and taxes and incidental and direct expenses related to the acquisition. In respect of projects involving construction, related pre-operational expenses (including interest on loans for specific project prior to its completion), forming part of the value of the assets capitalized.

4.2. Fixed Assets received by way of non-monetary grants, other than towards the Corpus Fund, are capitalized at values stated by corresponding credit to capital Reserve.

4.3. 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 Capital Fund and merged with the Fixed Assets of the School. Depreciation is charged at the rates applicable to the respective assets.

4.4. Books received as gifts, are valued at selling prices printed on the books. Where they are not printed, the value is based on assessment.

4.5. 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.

Assets created out of Sponsored Project funds, where the ownership is retained by the sponsors but held and used by the School are separately disclosed in the notes to accounts.

5. DEPRECIATION

5.1. 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 | 10% |
| 5. | Computer & Peripherals | 20% |
| 6. | Furniture, Fixtures & Fittings | 10% |
| 7. | Vehicles | 10% |
| 8. | Library books & Scientific Journals | 10% |

5.2. 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.

5.3. 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.

6. VALUATION OF INVENTORIES

Expenditure on purchase of chemicals, glassware, publications, stationery and other stores is accounted as revenue expenditure.

7. FOREIGN CURRENCY TRANSACTIONS

7.1 Transactions denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.

7.2 Current assets, foreign currency loans and current liabilities are converted at the exchange rate prevailing as at the year end and the resultant gain/loss is adjusted to cost of fixed assets, if the foreign currency liability relates to fixed assets, and in other cases is considered to revenue.

8. 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)

9. EARMARKED/ ENDOWMENT FUNDS

9.1. Earmarked Funds are long-term funds earmarked for specific purposes. Each of the funds has a separate bank account. Those with large balances also have investments in debentures and bonds and term deposits with banks. The income from investments on accrual basis and interest on savings bank accounts. are credited to the respective funds. 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.

9.2. 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. The balance is represented by investments in fixed deposits.

10. GOVERNMENT GRANTS

10.1. 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

10.2. Government Grants of capital nature are recognised on accrual basis and shown as capital grants under Earmarked/Endowment Fund in consistent with fund based accounting.

10.3. Government grants for meeting revenue expenditure (on accrued basis) are treated, to the extent utilized, as income of the year in which they are realized.

10.4. Unutilized grants (including advances paid out of such grants) are carried forward and exhibited as a liability in the balance sheet.

11. SPONSORED PROJECTS

In respect of ongoing Sponsored Projects, the amounts received from sponsors are credited to the head "Current Liabilities and Provisions-Current Liabilities-Other Liabilities-Receipts against ongoing 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.

SCHEDULE 27 - CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

A. CONTINGENT LIABILITIES

1. CONTINGENT LIABILITIES

- 1.1 Claims against the School not acknowledged as debts - Amount unascertainable (Previous year Rs. NIL)
- 1.2 In respect of:
 - Bank guarantees given by/on behalf of the School -Rs. NIL (Previous year Rs. NIL)
 - Letters of Credit opened by Bank on behalf of the Entity-Rs. NIL (Previous year Rs. NIL)
 - Bills discounted with banks -Rs. NIL (Previous year Rs. NIL)
- 1.3 Disputed demands in respect of: Income-tax Rs. NIL (Previous year Rs. NIL) Sales-Tax Rs. NIL (Previous year Rs. NIL) Municipal Tax Rs. NIL (Previous year Rs. NIL)
- 1.4 In respect of claims from parties for non-execution of orders, but contested by the Entry Rs. NIL (Previous year Rs. NIL)

2. CAPITAL COMMITMENTS

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. NIL (Previous year Rs. NIL)

B. NOTES TO ACCOUNTS

School of Planning and Architecture is a registered society under the Administrative Control of the Ministry of Human Resource Development and is fully financed by 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. CURRENT ASSETS, LOANS 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. Increase in advances during the year is mainly on account of advances given to employees/ outside parties.

2. 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.

3. TAXATION

The school is exempt under Section 10(23C) (ab) of the Income Tax Act 1961 and accordingly, no provision for income tax is made in the books of accounts.

4. FOREIGN CURRENCY TRANSACTIONS

4.1 Value of imports calculated on C.I.F. Basis:

| | |
|---|-----|
| Purchase of finished goods | NIL |
| Raw Materials & Components (Including in transit) | NIL |
| Capital Goods | NIL |
| Stores, Spares and Consumables | NIL |

4.2 Expenditure in foreign currency:

| | |
|--|-----|
| a) Travel | NIL |
| b) Remittances and Interest payment to Financial Institutions/Banks in Foreign Currency | NIL |
| c) Other expenditure: | NIL |
| Commission on sales | NIL |
| Legal and Professional Expenses | NIL |
| Miscellaneous Expenses | NIL |

4.3 Earnings:

| | |
|-------------------------------|-----|
| Value of exports on FOB basis | NIL |
| Value of Services | NIL |

5. The presentation of the financial statements is based upon the prescribed format given by CAG applicable to our School.

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 Govt. of India, Department of Human Resource Development.
- 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. GIFTED CAPITAL

Some experts/organisation in India and abroad present/gift books, equipment, properties of the School. The estimated value of such materials is also incorporated in accounts of the School.

8. CAPITAL GRANT

During the year, School has sanctioned Capital Grant amounting to Rs. 8,00,00,000/- from Ministry of Human Resource Development for creation of capital assets which is shown as Fund in Transit under the head of current assets in schedule-11A and on the other hand, same has been disclosed under Fixed Assets & Building Fund in the Schedule -3 of the financial statements.

9. TEMPORARY ADVANCES FOR FIXED ASSETS, ENDOWMENT FUNDS, SPONSORS PROJECTS AND EXPENDITURES

Temporary advances includes include advances given for fixed assets, endowment funds, sponsors projects and expenditures during the year against which expenditure has been made, however, same has not been recognised as expenditure for want of details/ documents.

10. GPF/CPF INVESTMENT

The School is maintaining separate saving bank account for GPF/CPF in the UCO Bank, New Delhi. A separate cashbook is being maintained for GPF 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. The interest received on investment is accounted for in interest on GPF/CPF investment A/c. Some balance is kept in the said S.B. A/c for meeting payment of GPF/CPF advances to the subscribers. A separate R&P A/c & Balance Sheet is prepared for this account.

11. NEW PENSION SCHEME FUND

The amount of New Pension Scheme Fund was invested in the form of FDR with the UCO Bank and interest is being credited in "New Pension Scheme Fund.

12. CASH BOOK & RELEVANT RECORD

Separate cash books are maintained for each fund with cash vouchers and other records are under:

- i) Cash Book - Non-Plan
- ii) Cash Book - Plan
- iii) Cash Book - New Pension Scheme Fund
- iv) Cash Book - GPF/CPF A/c

13. Figures are rounded off to the nearest rupees.

14. Figures of the previous year have been regrouped/rearranged and recasted wherever considered necessary in lines with format prescribed by AGCR adopted by the School.

15. Schedule 1 to 27 are annexed to and form an integral part of the Balance Sheet as at 31-03-2012 and the Income and Expenditure account for the year ended on that date.

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
LIABILITIES AND ASSETS FOR THE FINANCIAL YEAR 2011-2012

| AMOUNT (Rs.) 2010-2011 | LIABILITIES | AMOUNT (Rs.) 2011-2012 | AMOUNT (Rs.) 2010-2011 | ASSETS | AMOUNT (Rs.) 2011-2012 |
|---------------------------|--|---------------------------|---------------------------|---|---------------------------|
| 56,13,326.00 | Unspent Balance of Projects (As per Annexure Enclosed) | 31,44,144.60 | | INVESTMENT | |
| 69,27,135.00 | School/Institute's Share from Consultancy Fund | — | 70,00,000.00 | Fixed Deposits with UCO Bank | 70,00,000.00 |
| (69,27,135.00) | Less : Transfer to School Share Distribution, Concern Department, PDF & Administrative Expenses | - NIL - | — | Add: Addition during the Year | — |
| 48,77,170.00 | School Share Distribution | — | 70,00,000.00 | SERVICE TAX WITH PENAL INTEREST | — |
| — | Less : Refreshment, Binding Charges, Other Contingent, Legal Charges, TA/DA, Conveyance Charges, Office Stationery & Printing & Stationery/ Publication. | — | (23,135.00) | 2010-2011 | (23,135.00) |
| 48,77,170.00 | Less : School Share Distribution | — | — | 2011-2012 | — |
| (48,77,170.00) | Transfer to School Main Account | - NIL - | — | Less : Recovery | (30,94,278.00) |
| 65,69,465.00 | Interest on SIB & F.D.R'S | — | (23,135.00) | | (23,135.00) |
| — | 2010-2011 | — | — | LOAN & ADVANCES | |
| 65,69,465.00 | 2011-2012 | — | 1,96,587.00 | Advance PDF Consultants | 85,000.00 |
| — | Less: Paid to Employees of the School | 78,22,113.00 | 1,25,000.00 | Advance Concerned Department/ Centre | 1,43,000.00 |
| 65,69,465.00 | | — | — | T.D.S @ 10% | 10,586.00 |
| 5,656.00 | Miscellaneous Receipts | 5,656.00 | — | FIXED ASSETS | |
| — | 2010-2011 | 5,656.00 | — | Equipments | |
| 5,656.00 | 2011-2012 | — | — | Introduce during the year | — |
| 30,35,248.00 | Concerned Department/Centre | — | 6,63,852.00 | Less : Trfd. To Concerned Department (Department of Transport Planning) | - NIL - |
| — | 2010-2011 | — | (6,63,852.00) | | |
| 30,35,248.00 | 2011-2012 | 30,39,927.00 | — | | |
| — | Less : Paid during the Year | — | 14,062.00 | | |
| 13,67,482.00 | PDF Consultants | — | (14,062.00) | | |
| — | 2010-2011 | — | — | | |
| — | 2011-2012 | 13,24,267.00 | — | | |
| — | Less: Paid during the Year | — | — | | |
| | | | | | |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
LIABILITIES AND ASSETS FOR THE FINANCIAL YEAR 2011-2012

| AMOUNT (Rs.) 2010-2011 | LIABILITIES | AMOUNT (Rs.) 2011-2012 | AMOUNT (Rs.) 2010-2011 | ASSETS | AMOUNT (Rs.) 2011-2012 |
|---------------------------|---|---------------------------|---------------------------|---|---------------------------|
| 7,97,907.00 | Administrative Expenses 2010-2011 | 7,97,907.00 | — | Introduce during the year | 56,579.00 |
| — | 2011-2012 | 5,10,181.00 | — | Less : Trfd. To Concerned Department (Department of Urban Design) | (56,579.00) |
| 7,97,907.00 | Less: Paid during the Year (4,33,771.0) | 13,08,088.00 | — | Introduce during the year | 38,800.00 |
| — | Balance as on 31/03/2012 | 8,74,317.00 | 8,74,317.00 | Less : Trfd. To Concerned Department (Department of Architecture) | (38,800.00) |
| — | (2011-2012) | — | — | Introduce during the year | 38,790.00 |
| 777.00 | Recovery of Bank Charges | 319.00 | — | Less : Trfd. To Concerned Department (Department of Architecture) | (38,790.00) |
| (458.00) | Add : Bank Charges | (698.00) | — | BANK BALANCE | — |
| 319.00 | during the Year | (379.00) | — | State Bank of India S/B A/c | 92,86,987.52 |
| — | Less : Bank Charges | — | (379.00) | No. 10310544230 | — |
| 41,327.00 | Recovered during the Year | — | — | Total (Rs.) | 1,65,02,439.00 |
| 23,726.00 | Interest from Other Sources | 41,327.00 | — | Total (Rs.) Rounded off | 1,65,02,439.00 |
| 1,15,815.00 | Less : Paid during the Year | (1,424.00) | 39,903.00 | | |
| — | T.D.S @ 10.3% Payable | 39,903.00 | — | | |
| — | Sundry Receipts | — | — | | |
| — | Income Tax Refund (Asstt. Year- 2010-2011) | — | — | | |
| — | Receipts During the Year | 3,29,700.00 | — | | |
| — | Less : Paid during the Year | (77,210.00) | 2,52,490.00 | | |
| 1,75,70,271.00 | Total (Rs.) | 1,65,02,438.60 | 1,75,70,271.00 | | |
| 1,75,70,271.00 | Total (Rs.) Rounded off | 1,65,02,439.00 | 1,75,70,271.00 | | |

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Dean of Studies

Sd/-
Director

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
RECEIPT & PAYMENT FOR THE FINANCIAL YEAR 2011-2012

| AMOUNT (Rs.) 2010-2011 | RECEIPTS | AMOUNT (Rs.) 2011-2012 | AMOUNT (Rs.) 2010-2011 | PAYMENTS | AMOUNT (Rs.) 2011-2012 |
|---------------------------|--|---------------------------|---------------------------|--|---------------------------|
| 1,43,32,550.53 | Opening Balance | 1,02,71,818.92 | | | |
| — | -State Bank of India (SB A/c No.10310544230) | — | | | |
| 2,14,50,761.39 | - Cash | 3,05,51,306.60 | 2,61,31,236.49 | Payment during the year as per Annexure enclosed | 3,74,36,198.00 |
| 69,27,135.00 | Receipts during the Year as per Annexure Enclosed | 99,85,186.00 | 69,27,135.00 | School Share | 99,85,186.00 |
| 9,66,982.00 | School Share | 12,52,648.00 | | | |
| 3,65,141.00 | Bank Interest from S/B & F.D.R's A/c | 5,10,181.00 | 3,70,646.00 | Administrative Expenses for Supporting Staff | 4,33,771.00 |
| 48,77,170.00 | Administrative Expenses for Supporting Staff | 69,01,726.00 | 48,77,170.00 | School Share distribution | 69,01,726.00 |
| 21,28,544.00 | School Share Distribution | 30,94,378.00 | 20,66,390.00 | Service Tax | 30,94,378.00 |
| 4,442.00 | Service Tax | — | 41,327.00 | Penal Interest on Service Tax | — |
| 24,720.00 | Penal Interest on Service Tax | — | | | |
| 29,54,699.00 | Service Tax Recovery | 33,74,026.00 | 29,30,973.00 | Income Tax | 34,08,338.00 |
| 6,73,930.00 | Income Tax | 9,62,689.00 | 12,07,355.00 | P.D.F Consultants | 10,05,904.00 |
| 1,00,000.00 | P.D.F Consultants | 2,71,587.00 | 1,96,587.00 | Advance P.D.F Consultants | 1,60,000.00 |
| 10,10,894.00 | Advance P.D.F Consultants | 14,43,854.00 | 8,28,016.00 | Concerned Department/Centre | 14,39,175.00 |
| — | Concerned Department/Centre | 8,24,400.00 | 1,25,000.00 | Advance Concerned Department/Centre | 8,42,400.00 |
| 41,327.00 | Advance Concerned Department/Centre | — | — | Interest from Other Sources | 1,424.00 |
| — | Interest from Other Sources | — | 458.00 | Bank Charges | 698.00 |
| 1,15,815.00 | Recovery of Bank Charges | — | — | Sundry Receipts | 1,15,815.00 |
| — | Sundry Receipts | 3,29,700.00 | — | Income Tax Refund (Asstt. Year - 2010-2011) | 77,210.00 |
| 1.49 | Income Tax Refund (Asstt. Year - 2010-2011) | — | | | |
| — | Miscellaneous Receipts | 44,15,710.00 | 1,02,71,818.92 | Closing Balance | |
| — | Adjustment of Project during the Year as per Annexure Enclosed | 7,41,89,210.52 | — | - State Bank of India (SB A/c No.10310544230) | 92,86,987.52 |
| 5,59,74,112.41 | Total (Rs.) | 7,41,89,210.52 | 5,59,74,112.41 | Total (Rs.) | 7,41,89,210.52 |
| 5,59,74,112.00 | Total (Rs.) Rounded off | 7,41,89,211.00 | 5,59,74,112.00 | Total (Rs.) Rounded off | 7,41,89,211.00 |

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Dean of Studies

Sd/-
Director

**SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
UNSPENT BALANCE AS ON 31ST MARCH, 2012 UNDER PROJECT A/C**

| S. No. | Name of the Projects | Name of the Project Co-ordinator | Ledger Folio No. | Unspent Balance as on 01-04-2011 | Receipt during the Year 2011-12 | Adjustment during the Year 2011-2012 | Total | Payment/ Adjustment during the Year 2011-12 | Unspent Balance as on 31-03-2012 |
|--------|---|--|------------------|----------------------------------|---------------------------------|--------------------------------------|--------------|---|----------------------------------|
| 1 | CES PROJECT (Consulting Engineers Service) | Prof. A.K. Sharma & Prof. (Dr.) Sanjay Gupta | 1 | 34,486.00 | — | — | 34,486.00 | — | 34,486.00 |
| 2 | Meerut Area Transportation Studies | Prof. Ranganathan (Retd.) | 2 | 613.00 | — | — | 613.00 | 613.00 | — |
| 3 | Gorakhpur Project (GIDA) | Prof. Ranganathan (Retd.) | 3 | 37,456.00 | — | — | 37,456.00 | 37,456.00 | — |
| 4 | Lucknow Development Authority | Prof. Ranganathan (Retd.) | 4 | 10,000.00 | — | — | 10,000.00 | 10,000.00 | — |
| 5 | Integrated Freight Complex, Ghazipur | Prof. Ranganathan (Retd.) | 5 | 7,650.00 | — | — | 7,650.00 | 7,650.00 | — |
| 6 | DDA Vikas Minar | Prof. (Dr.) Kuldeep Chandra | 6 | 12,740.00 | — | — | 12,740.00 | 12,740.00 | — |
| 7 | Numaligarh Refinery Ltd. | Prof. (Dr.) V. Thiruvengadam & Prof. Kavas Kapadia | 7 | — | 59,87,532.60 | — | 59,87,532.60 | 59,87,532.60 | 39,159.60 |
| 8 | Development Around Monuments Within Con. Zones Hrt. | Prof. (Dr.) Shovan K. Shah | 9 | 81,026.00 | — | — | 81,026.00 | — | 81,026.00 |
| 9 | Delhi University, Dhaka Village | Prof. (Dr.) Neelima Risbud | 10 | 2,48,361.00 | — | — | 2,48,361.00 | 2,48,361.00 | — |
| 10 | NERIE, Shilong | Prof. A.K. Maitra (Retd.) | 11 | 2,56,224.00 | — | — | 2,56,224.00 | — | 2,56,224.00 |
| 11 | Integrated Devi. Garhmukteshwar Bridge Ghat Area | Prof. (Dr.) Shovan K. Shah | 12 | 1,29,621.00 | — | — | 1,29,621.00 | — | 1,29,621.00 |
| 12 | World Heritage Management Plan | Prof. Nalini Thakur | 13 | 1,13,503.00 | — | — | 1,13,503.00 | — | 1,13,503.00 |
| 13 | Study on Re-Develp. of Traditional Old Build-up Areas | Prof. A.K. Maitra (Retd.) | 14 | 57,364.00 | — | — | 57,364.00 | — | 57,364.00 |
| 14 | Indian School of Mines, Dhanbad | Prof. A.K. Maitra (Retd.) | 15 | 28,845.00 | — | — | 28,845.00 | — | 28,845.00 |
| 15 | National Horticulture Board | Prof. Mandeep Singh | 16 | 20,000.00 | — | — | 20,000.00 | — | 20,000.00 |
| 16 | Eco-City Development Plan for Puri, Orissa | Prof. (Dr.) Shovan K. Shah | 17 | 3,69,199.00 | — | — | 3,69,199.00 | — | 3,69,199.00 |
| 17 | Lucknow Industrial Development Authority (LIDA) | Prof. (Dr.) Mahavir | 18 | 58,009.00 | — | — | 58,009.00 | — | 58,009.00 |
| 18 | The Maxmuller Bhawan Project 48 Degree | Prof. KT Ravindran | 19 | 67,051.00 | — | — | 67,051.00 | 67,051.00 | — |
| 19 | Design India Completion for Police Station Building | Prof. (Or.) Kuldeep Chandra & Prof. Mandeep Singh | 20 | 3,522.00 | — | — | 3,522.00 | — | 3,522.00 |
| 20 | Jaypee Ganga Infrastructure Corp. Ltd. | Prof. A. K. Sharma | 21 | 25,08,216.00 | 6,00,000.00 | 21,54,635.00 | 52,62,851.00 | 52,62,851.00 | — |
| 21 | Preparation of Master Plan Lakshadweep Island | Prof. (Dr.) Shovan K. Shah | 23 | 6,42,844.00 | — | — | 6,42,844.00 | — | 6,42,844.00 |
| 22 | Lalit Kala Academy | Prof. K.T Ravindran | 25 | 6,30,221.00 | — | — | 6,30,221.00 | 6,30,221.00 | — |
| 23 | PSS Central Inst. of Vocational Edc., Bhopa | Prof. Kavas Kapadia | 27 | — | 11,47,601.00 | 1,88,546.00 | 13,36,147.00 | 13,36,147.00 | — |
| 24 | Delhi Cantonment Board Project (Difference Sub-works of Development Plan) | Prof. Y. K. Jain & Prof. Anil Dewan | 29 | 2.00 | 4,87,080.00 | 2,45,667.00 | 7,32,749.00 | 7,32,749.00 | 3,994.00 |
| 25 | Airport Authority of India | Prof. (Dr.) V. K. Paul | 63 | — | 1,15,815.00 | — | 1,15,815.00 | 48,290.00 | 67,525.00 |
| 26 | Manali Vision Document Project | Prof. K.T Ravindran | 67 | — | 3,95,425.00 | 4,27,212.00 | 8,22,637.00 | 8,22,637.00 | — |
| 27 | Ministry of External Affairs Govt. Of India | Prof. (Dr.) Surinder Suneja | 71 | — | 1,96,068.00 | — | 1,96,068.00 | 1,96,068.00 | — |
| 28 | Hoogly River Front Development Kolkata | Prof. Raniit Mitra | 73 | 2,23,140.00 | 9,34,104.00 | 2,29,249.00 | 13,86,493.00 | 13,86,499.00 | (6.00) |

SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
CONSULTANCY FUND ACCOUNT
UNSPENT BALANCE AS ON 31ST MARCH, 2012 UNDER PROJECT A/C

| S. No. | Name of the Projects | Name of the Project Co-ordinator | Ledger Folio No. | Unspent Balance as on 01-04-2011 | Receipt during the Year 2011-12 | Adjustment during the Year 2011-2012 | Total | Payment/ Adjustment during the Year 2011-12 | Unspent Balance as on 31-03-2012 |
|--------|---|--------------------------------------|------------------|----------------------------------|---------------------------------|--------------------------------------|-----------------------|---|----------------------------------|
| 29 | Master Plan for Mount Abu Eco-Centre Zone Project | Prof. (Dr.) Meenakshi Dhote | 75 | 392.00 | 12,71,880.00 | 1,85,000.00 | 14,57,272.00 | 14,40,311.00 | 16,961.00 |
| 30 | O.N.G.C. Project | Prof. M. L. Bahari | 77 | 63,717.00 | 2,22,525.00 | 78,081.00 | 3,64,323.00 | 1,70,972.00 | 1,93,351.00 |
| 31 | ESIC Hospital at Baddi Dist. Solan (H.P.) | Prof. Satish Khanna | 85 | 6,624.00 | 48,14,759.00 | 8,20,000.00 | 56,41,383.00 | 56,09,659.00 | 31,724.00 |
| 32 | National University of Education Planning Project | Prof. Satish Khanna | 87 | 1,152.00 | 2,69,870.00 | 28,000.00 | 2,99,022.00 | 2,99,022.00 | — |
| 33 | R&D Management Centre at Faridabad (IOC) | Prof. (Dr.) Aruna Ramani Grover | 89 | 1,348.00 | — | — | 1,348.00 | — | 1,348.00 |
| 34 | Social Audit of JNNURM for the City of Chandigarh | Prof. (Dr.) Neelima Risbud | 93 | — | 3,28,250.00 | — | 3,28,250.00 | 3,26,864.00 | 1,386.00 |
| 35 | IIT Jaipur Project | Prof. Anil Devan | 95 | — | 3,02,773.00 | — | 3,02,773.00 | 2,05,365.00 | 97,408.00 |
| 36 | Development Consultant Common Wealth Games Committee | Prof. (Dr.) Surinder Suneja | 97 | — | 55,150.00 | 3,000.00 | 58,150.00 | 55,150.00 | 3,000.00 |
| 37 | Delhi Cantonment Board Project (Archival Unit) | Prof. Y. K. Jain & Prof. Satish Khar | 99 | — | 7,03,107.00 | — | 7,03,107.00 | 6,30,226.00 | 72,881.00 |
| 38 | Delhi Cantonment Board Project (Gopinath Nath Bazar) | Prof. Y. K. Jain & Prof. A. K. Shah | 101 | — | 5,00,000.00 | — | 5,00,000.00 | 5,00,000.00 | — |
| 39 | U. P. Jal Nigam Project | Prof. (Dr.) Surinder Suneja | 103 | — | 6,06,650.00 | — | 6,06,650.00 | 6,06,650.00 | — |
| 40 | MCD Local Area Plan Project | Prof. (Dr.) Sanjukta Bahaduri | 107 | — | 16,24,500.00 | — | 16,24,500.00 | 14,76,832.00 | 1,47,668.00 |
| 41 | Banaras Hindu University Project | Prof. A. K. Sharma | 109 | — | 6,38,970.00 | — | 6,38,970.00 | 6,38,970.00 | — |
| 42 | Municipal Corporation of Gurgaon Project | Prof. A. K. Sharma | 111 | — | 27,00,144.00 | 39,474.00 | 27,39,618.00 | 27,39,618.00 | — |
| 43 | BEDF Modipuram, Meerut Project | Prof. Mandeep Singh | 113 | — | 1,04,189.00 | 45.00 | 1,04,234.00 | 1,04,234.00 | — |
| 44 | Poor Urban Policies and Programme Implementation (SNPUPR Project) | Prof. (Dr.) Neelima Risbud | 115 | — | 13,55,465.00 | — | 13,55,465.00 | 13,48,657.00 | 6,806.00 |
| 45 | Rajiv Gandhi Handicrafts Bhavan | Prof. Manoj Mathur | 117 | — | 1,37,656.00 | — | 1,37,656.00 | 1,37,656.00 | — |
| 46 | Reliance Infrastructure Tiaya Project | Prof. Mandeep Singh | 119 | — | 29,781.00 | — | 29,781.00 | 29,781.00 | — |
| 47 | National Institute of Open Schooling | Prof. Mandeep Singh | 121 | — | 8,48,949.00 | — | 8,48,949.00 | 7,33,969.00 | 1,14,980.00 |
| 48 | GGs Medical College Faridkot Punjab | Prof. Y. K. Jain | 125 | — | 87,818.00 | — | 87,818.00 | 87,818.00 | — |
| 49 | Municipal Corporation of Faridabad Project | Prof. A.K. Sharma | 127 | — | 23,52,125.00 | 16,801.00 | 23,68,926.00 | 23,68,926.00 | — |
| 50 | Delhi Cantonment Board Project (Landscaping Works) | Prof. (Dr.) Rommel Mehta | 129 | — | 3,50,000.00 | — | 3,50,000.00 | 1,45,932.00 | 2,04,068.00 |
| 51 | Toolkit Project | Prof. (Dr.) P.K. Sarkar | 131 | — | 5,95,620.00 | — | 5,95,620.00 | 2,48,344.00 | 3,47,276.00 |
| 52. | Tehri Hydro Development Corporation Ltd. Project | Prof. (Dr.) Surinder Suneja | 135 | — | 7,87,500.00 | — | 7,87,500.00 | 7,87,530.00 | (30.00) |
| | GRAND TOTAL | | | 56,13,326.00 | 3,05,51,306.60 | 44,15,710.00 | 4,05,80,342.60 | 3,74,36,198.00 | 31,44,144.60 |

Sd/-
Dean of Studies

Sd/-
Director