



SCHOOL OF PLANNING AND ARCHITECTURE

Ref. No. F.01/Senate/SPA/2017

14<sup>th</sup> November, 2017

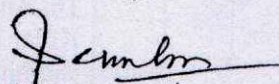
**TO ALL MEMBERS OF SENATE OF THE SCHOOL OF PLANNING AND  
ARCHITECTURE, NEW DELHI**

**SUBJECT: MINUTES OF FIRST MEETING OF SENATE HELD ON SATURDAY, 16<sup>TH</sup>  
SEPTEMBER, 2017 AT 11:00 A.M.**

Sir/Madam,

I am directed to forward herewith the minutes of the 01<sup>st</sup> Meeting of Senate of School of Planning and Architecture; New Delhi, held on Saturday, 16<sup>th</sup> September, 2017 at 11:00 a.m. in the New Committee Room of SPA. Comments on the Minutes, if any, may please be forwarded to the undersigned within two week's time.

Yours faithfully,

  
(Prof. Dr. Sewa Ram)  
Registrar – Secretary



1.	Prof. Dr. N. Sridharan, Director (Additional Charge) School of Planning and Architecture, New Delhi - 110002	10.	Prof. Dr. Surendra K. Suneja Dean Academic & Professor of Landscape Architecture SPA, New Delhi-110002
2.	Prof. Dr. Rane Maria Leonie Vedaumuthu Dean, School of Architecture and Planning Anna University, Chennai - 600025 (nominated by Chiarperson (BOG))	11.	Prof. Dr. Mahavir Dean Research, Student Affairs & Faculty Affairs & Professor of Planning SPA, New Delhi-110002
3.	Prof. B. K. Sengupta Professor & Head (Retired) Dept. of Architecture & Regional Planning, IIT, Kharagpur, Ca-127, Salt Lake City, Sector -1, Kolkata -700064 West Bengal (nominated by Chiarperson (BOG))	12.	Prof. Dr. V. K. Paul Dean, Planning & Development & Professor of BEM SPA, New Delhi-110002
4.	Prof. Alok Ranjan Dept. of Architecture, MNIT, Jawahar Lal Nehru Marg, Jhalana Gram, Malviya Nagar, Jaipur, Rajasthan-302017 (nominated by Chiarperson (BOG))	13.	Prof. Manoj Mathur Head of the Dept. of Architecture SPA, New Delhi-110002
5.	Prof. Rajiv Mishra Principal, Sir J.J. College of Architecture, 78/3, Dr. D. N. Road, Mumbai- 400001. (nominated by Chiarperson (BOG))	14.	Shri M. Palaniappan Head of the Dept. of Urban Planning SPA, New Delhi-110002
6.	Prof. Dr. Yogesh Garg Department of Architecture & Planning, Maulana Azad National Institute of Technology 16, Amaltas Phase - I, Chuna Bhatti, Kolar Road, Bhopal-462016 (nominated by Chiarperson (BOG))	15.	Prof. Dr. Vinita Yadav Head of the Dept. of Regional Planning SPA, New Delhi-110002
7.	Prof. Dr. Najammuddin Institute of Town Planners, 4-A, Ring Road, I.P. Estate, New Delhi-110002	16.	Prof. Dr. Meenakshi Dhote Head of the Dept. of Environmental Planning SPA, New Delhi-110002
8.	Ar. Soumyendu Shankar Ray M/s Vastukar Architects, 2855, Nageswar Tangi, Bhubaneswar-751002 (nominee of Council of Architecture)	17.	Prof. Dr. Sanjay Gupta Head of the Dept. of Transport Planning SPA, New Delhi-110002
9.	Ar. Ashutosh Kr. Agarwal Architect-Urban Designer, 201-222 (2 <sup>nd</sup> Floor), A-2 Acharya Niketan, Mayur Vihar Phase -1, New Delhi-110091 (nominee of All India Council for Technical Education)	18.	Prof. Dr. Ashok Kumar Head of the Dept. of Housing SPA, New Delhi-110002



19.	Prof. Dr. R. Biswas Head of the Dept. of Physical Planning SPA, New Delhi-110002	31.	Prof. Dr. P. S. N. Rao Professor of Housing SPA, New Delhi-110002
20.	Shri Arunava Dasgupta Head of the Dept. of Urban Design SPA, New Delhi-110002	32.	Prof. Dr. Aruna Ramani Grover Professor of Architecture SPA, New Delhi-110002
21.	Prof. Dr. Rommel Mehta Head of the Dept. of Landscape Architecture SPA, New Delhi-110002	33.	Prof. Dr. Jaya Kumar Professor of Architecture SPA, New Delhi-110002
22.	Ms. Anuradha Chaturvedi Head of the Dept. of Arch. Conservation SPA, New Delhi-110002	34.	Prof. Dr. Ranjana Mittal Professor of Architecture SPA, New Delhi-110002
23.	Prof. Dr. Anil Dewan Head of the Dept. of Building Engineering & Management SPA, New Delhi-110002	35.	Prof. Dr. Mayank Mathur Professor of Physical Planning SPA, New Delhi-110002
24.	Shri Parag Anand Meshram Head of the Dept. of Industrial Design SPA, New Delhi-110002	36.	Prof. Dr. Poonam Prakash Professor of Physical Planning SPA, New Delhi-110002
25.	Prof. Dr. Mandeep Singh Professor of Architecture SPA, New Delhi-110002	37.	Dr. P. Rajaprakash Assistant Professor of Architecture SPA, New Delhi-110002
26.	Prof. Dr. Priyaleen Singh Professor of Arch. Conservation SPA, New Delhi-110002	38.	Shri S. K. Aaditya Assistant Professor of Architecture SPA, New Delhi-110002
27.	Prof. Dr. P. K. Sarkar Professor of Transport Planning SPA, New Delhi-110002	39.	Ms. Krity Gera Assistant Professor of Architecture SPA, New Delhi-110002
28.	Prof. Dr. Vinay Maitri Professor of Programming SPA, New Delhi-110002	40.	Ms. Parul Kiri Roy Assistant Professor of Architecture SPA, New Delhi-110002
29.	Prof. Dr. Sanjukta Bhaduri Professor of Planning SPA, New Delhi-110002	41.	Prof. Dr. Sewa Ram Registrar-Secretary & Professor of Transport Planning SPA, New Delhi-110002
30.	Prof. Y. K. Jain Professor of Civil Engineering SPA, New Delhi-110002		



**MINUTES OF THE FIRST MEETING OF THE SENATE OF SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI, HELD ON SATURDAY, 16<sup>TH</sup> SEPTEMBER, 2017 AT 11.00 A.M. IN THE NEW COMMITTEE ROOM OF SPA, NEW DELHI, DULY CONFIRMED IN THE SECOND MEETING OF SENATE HELD ON 21<sup>ST</sup> MARCH, 2018.**

**Present:**

1.	Prof. Chetan Vaidya, Director	Chairperson
2.	Prof. Dr. Rane Maria Leonie Vedaumuthu	Member
3.	Prof. Alok Ranjan	Member
4.	Prof. Rajiv Mishra	Member
5.	Dr. Yogesh Garg	Member
6.	Prof. Dr. Najammuddin	Member
7.	Ar. Soumyendu Shankar Ray	Member
8.	Ar. Ashutosh Kr. Agarwal	Member
9.	Prof. Dr. Surendra K. Suneja	Member
10.	Prof. Dr. Mahavir	Member
11.	Prof. Dr. V. K. Paul	Member
12.	Prof. Manoj Mathur	Member
13.	Shri M. Palaniappan	Member
14.	Prof. Dr. Vinita Yadav	Member
15.	Prof. Dr. Meenakshi Dhote	Member
16.	Prof. Dr. Sanjay Gupta	Member
17.	Prof. Dr. Ashok Kumar	Member
18.	Prof. Dr. R. Biswas	Member
19.	Shri Arunava Dasgupta	Member
20.	Prof. Dr. Rommel Mehta	Member
21.	Ms. Anuradha Chaturvedi	Member
22.	Prof. Dr. Anil Dewan	Member
23.	Shri Parag Anand Meshram	Member



24.	Prof. Dr. Mandeep Singh	Member
25.	Prof. Dr. P. K. Sarkar	Member
26.	Prof. Dr. Vinay Maitri	Member
27.	Prof. Dr. Sanjukta Bhaduri	Member
28.	Prof. Y. K. Jain	Member
29.	Prof. Dr. P. S. N. Rao	Member
30.	Prof. Dr. Aruna Ramani Grover	Member
31.	Prof. Dr. Jaya Kumar	Member
32.	Prof. Dr. Ranjana Mittal	Member
33.	Prof. Dr. Mayank Mathur	Member
34.	Prof. Dr. Poonam Prakash	Member
35.	Dr. P. Rajaprakash	Member
36.	Shri S. K. Aaditya	Member
37.	Ms. Kriti Gera	Member
38.	Ms. Parul Kiri Roy	Member
39.	Ar. Amogh Kumar Gupta, Chairperson-BOG	Special Invitee
40.	Prof. Dr. Sewa Ram	Registrar-Secretary

Prof. B. K. Sengupta and Prof. Dr. Priyaleen Singh regretted their inability to attend the meeting.

Ar. Amogh Kr. Gupta, Chairperson, SPA Delhi participated as a Special Invitee. He welcomed the members of Senate and left thereafter, before the commencement of the formal meeting.

Prof. Chetan Vaidya Chairman Senate welcomed all members of the Senate. He said that this is the first Senate Meeting after Statutes were issued in October 13, 2016 under the SPA Act. He particularly thanked members of the Senate from outside SPA Delhi. Registrar confirmed that the quorum for the meeting is complete and the formal meeting can be started.

*Sanyal*



**01 SENATE ITEM NO.1: TO CONFIRM THE MINUTES OF 62<sup>nd</sup> MEETING OF ACADEMIC COUNCIL OF THE SCHOOL OF PLANNING AND ARCHITECTURE HELD ON 23<sup>rd</sup> NOVEMBER, 2016.**

The Senate was apprised that the observations of **Prof. Dr. Mahavir** on the 62<sup>nd</sup> Meeting of Academic Council viz.,

- (i) Director has been shown as Chairman, EC in 62 AC Agenda instead of Chairman AC.  
The correction has been incorporated and was enclosed as Appendix under 01 Senate Agenda Item No. 1.

- (ii) Year of joining of UG students to be communicated.

Year of joining UG students is generally mentioned under the column, 'Enrolment No' in the Enrolment list.

The above (i) and (ii) were noted by the Senate.

The observations of **Prof. Dr. Poonam Prakash** on the 62<sup>nd</sup> Meeting of AC viz., the institutional electives should be open to both PG and UG departments were approved by the Senate.

With the above observations, the Minutes of 62 AC were confirmed.

**01 SENATE ITEM NO.2: TO REPORT ACTIONS TAKEN ON THE MINUTES OF THE 62<sup>nd</sup> MEETING OF THE EXECUTIVE COUNCIL OF THE SCHOOL HELD ON 23<sup>rd</sup> NOVEMBER, 2016.**

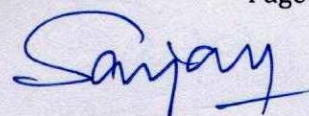
The Director informed the Senate that a Committee will be soon constituted to work out the Operational Guidelines for introducing online courses within credit framework under SWAYAM in SPA, Delhi.

Action Taken Report was approved by the Senate.

**01 SENATE ITEM NO.3: TO REPORT MoUs SIGNED BY SPA, DELHI FROM 01 DECEMBER, 2016 TO 17<sup>TH</sup> AUGUST, 2017**

Prof.Dr. Mandeep Singh, Prof. Dr. PSN Rao and Prof. Dr. V. K. Paul briefed the members on some of the works carried out under MoUs.

The Senate noted the same for information. It was suggested that a brief note should be prepared and circulated about activities undertaken under various MOUs.





**01 SENATE ITEM NO.4: APPOINTMENT OF CONTRACT FACULTY FOR SPA, DELHI AGAINST VACANT FACULTY POSTS**

The Senate considered the matter and recommended to place the same before Finance Committee and Board of Governors for approval.

It further authorized the Director to appoint the Contract faculty (as per Section 7 (I) (h) of SPA Act, 2014) as necessary against vacant faculty positions. Rules for such appointment to be prepared similar to Contract appointments in other institutions for necessary administrative and financial approvals. The members also emphasized the need to expedite the recruitment of the core faculty.

**01 SENATE ITEM NO.5: REPORT ON THE MEETING OF CHAIRPERSONS AND DIRECTORS OF THREE SPAs.**

The Senate members noted the record of discussions held in the Meeting of Chairpersons and Directors of three SPAs.

It was decided in the Joint SPAs Meeting to have exhibition, joint entrance for Master's level programme, faculty and student exchange & other common activities.

**01 SENATE ITEM NO.6: TO CONSIDER THE REVISION OF MARKING SYSTEM IN INSTITUTIONAL ELECTIVE IN THE DEPARTMENT OF LANDSCAPE ARCHITECTURE**

The Senate considered the revision of marking system in institutional elective in the Master of Landscape Architecture Course and approved changing it to 100 marks with internal examination only (**Appendix-01 senate/I**). Senate also approved that all institutional electives offered by various departments should carry 100 marks and it should have internal assessments only.

**01 SENATE ITEM NO.7: TO REPORT PARTICIPATION OF FACULTY IN CONFERENCE, WORKSHOPS, SEMINARS ETC.**

The Senate noted the Lists of Faculty attending Conferences, Workshops, Seminars, Training, Special Lectures, Examinations etc. during 1<sup>st</sup> April, 2016 to 15<sup>th</sup> August, 2017. The Director informed that the School has prepared Guidelines for submission of reports for international tours. It was recommended that lessons learnt from attending conferences, seminar, etc. should be shared with faculty and students. Senate also authorized the Director to add any mention of activities which may have been left out.

*Sanjay*



**01 SENATE ITEM NO.8: CONSTITUTION OF ADVISORY COMMITTEES FOR ALL DEPARTMENTS OF STUDIES**

Senate considered the proposal and after detailed deliberations approved the same and authorized the Director to constitute the Advisory Committee for each Department of Studies as per the following:

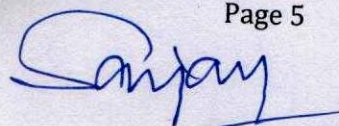
- (a) The membership of the Committees for each Department of Studies shall consist of:
  - (i) Head of the Department (Chairman)
  - (ii) Dean (Academic)
  - (iii) All Faculty members of the Department
  - (iv) Not more than three experts who are not in the service of the School, nominated by the Director on the recommendation of the Head of the Department. At least two of three experts will be professionals.
- (b) Four members of the Committees shall form the quorum at any meeting of the Board of Studies of each Department of Studies.
- (c) The Advisory Committees will meet as and when required for academic matters with the prior approval of the Director

**01 SENATE ITEM NO.9: CONSTITUTION OF ADVISORY COMMITTEE TO PREPARE REVISED VISION FOR SPA, DELHI**

The Senate held extensive discussion on the proposal and approved the same (**Appendix-01 senate/II**). It decided to authorize the Director to constitute an Advisory Committee Chaired by a Professor of SPA Delhi under Section 8 (iv) of the MHRD Notification dated 13th October, 2016 of SPA Act to prepare the Revised Vision Document for the next 20 years. The Committee to submit its report in six months. The Committee should review Vision Document prepared in 2010, DPR for Vasant Kunj complex 2017, analysis changing socio-economic situation and prepare the report with active consultation with faculty, staff, alumni and experts. Draft report should be discussed in a workshop with representatives of various stakeholders.

**01 SENATE ITEM NO.10: ACADEMIC CALENDAR FOR THE YEAR 2017**

The Senate noted the Academic Calendar for the year 2017 and authorized the Director to prepare Academic Calendar for the year 2018 and to place the same in Senate for information.





**01 SENATE ITEM NO.11: TO CONSIDER THE GUIDELINES FOR AWARD OF SCHOLARSHIP TO GATE/CEED QUALIFIED STUDENTS IN THE SCHOOL**

Senate considered the matter and after detailed deliberations approved the changes in the Guidelines **(Appendix-01 senate/III)** and suggested that it should be as per Guidelines of MHRD for these scholarships.

Scholarship(s) will be stopped when student is declared failed/detained in a subject in any semester.

**01 SENATE ITEM NO. 12: TO CONSIDER THE EXAMINATION RULES**

There was extensive discussion on the draft Examination Rules. A number of suggestions were made. It was decided that the suggestions will be reviewed by the Internal Committee and shared with Heads of Departments. The Senate authorized the Director to finalize the Rules. The same will be placed in Senate for information.

**01 SENATE ITEM NO.13: TO CONSIDER THE INSTITUTIONAL ELECTIVE FOR SEMESTERS 2 (Two) AND 3 (Three) AS INTERNAL ONLY SUBJECTS WITH INTERNAL ASSESSMENT OF 100 MARKS**

The Senate considered and approved the revision of marking system in institutional elective in Master of Urban Design to 100 marks (credits equivalent to be given) with internal examination only.

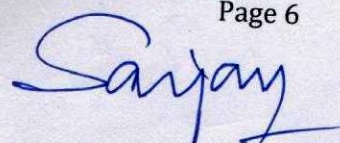
**01 SENATE ITEM NO.14: TO CONSIDER THE CORRECTED VERSION OF SYLLABUS AND SCHEME OF EXAMINATION OF THE DEPARTMENT OF HOUSING**

The Senate considered the revision in Examination System for Master of Planning (with specialization in Housing) and approved the same **(Appendix-01 senate/IV)**.

**Table Item**

**01 SENATE ITEM NO.15: TO CONSIDER THE REVISION OF MARKING SYSTEM IN INSTITUTIONAL ELECTIVE IN THE DEPARTMENT OF REGIONAL PLANNING**

The Senate considered the revision of marking system in institutional elective in Master of Planning (with specialization in RP) and approved it to be 100 marks with internal examination only.





**Table Item**

**01 SENATE ITEM NO.16:**

**TO CONSIDER INCREASE IN THE INTAKE OF STUDENTS  
IN THE DEPARTMENT OF REGIONAL PLANNING**

The Senate considered the matter and after detailed deliberations did not approve the proposal. It was suggested that a Committee should be constituted to review intakes in different departments and frame a policy in this regard.

**Table Item**

**01 SENATE ITEM NO.17:**

**TO CONSIDER NAMES OF GRADUANDS ELIGIBLE  
FOR AWARD OF DEGREE CERTIFICATE AT THE  
FORTHCOMING CONVOCATION OF THE SCHOOL**

The names of Graduands eligible for award of degree certificate in the forthcoming convocation was approved by the Senate. The Senate authorized the Director to include any name which may have been left out.

**Table Item**

**01 SENATE ITEM NO.18:**

**TO REPORT ON THE ADMISSION FOR PHD, PG AND  
UG FOR ACADEMIC SESSION 2017-18**

Senate noted the item.

**Table Item**

**01 SENATE ITEM NO.19:**

**FRAMING OF ORDINANCES UNDER SPA ACT 2014**

A letter F. No. 3-11/2015-TS.VI dated 12<sup>th</sup> September 2017 regarding Framing of Ordinances under SPA Act 2014 was received by SPA, Delhi. Various ordinances prepared by SPA Delhi under the SPA Act will be placed in the Senate.

**OTHER ITEMS**

- (a) Ph.D Rules: It was approved that present Ph. D Rules will continue in the School with minor modifications as per the Statutes.
- (b) IPR Policy: It was decided to authorize the Director to constitute a Committee to prepare IPR draft policy for the School. It will be placed in Senate for approval.

The Director, Prof. Chetan Vaidya informed the house that this was his last meeting, as his term as Director would be ending soon. The members wished him success and good luck in his future endeavors.

The meeting ended with Thanks to the Chair.



School of Planning and Architecture, New Delhi - 110002  
Department of Landscape Architecture

MASTER'S PROGRAMME IN LANDSCAPE ARCHITECTURE  
Revised Scheme of Examination

*Revised*  
Appendix-01 Senate/  
**I**

COURSE No.	SUBJECT	Elective/ Core	Credits /Hours per week	Max. Marks		Total
SEMESTER I						
				Ext.	Int.	Total
LA-1	Geology & Soils	Core	2	50	50	100
LA-2	Hydrology & Geomorphology	Core	2	50	50	100
LA-3	Ecology, Plant Taxonomy and Plant Physiology	Core	2	50	50	100
LA-4	Landscape Engineering-I	Core	3	100	100	200
LA-5	Landscape Architecture Studio - I	Core	14	375	375	750
TOTAL			24	625	625	1250
SEMESTER II						
				Ext.	Int.	Total
LA-6	Remote Sensing & GIS based Land Information System	Core	2	50	50	100
LA-7	Theory of Landscape Architecture	Core	2	50	50	100
LA-8	Planting Design, Management & Landscape Economics	Core	2	50	50	100
LA-9	Landscape Architecture Studio - II	Core	14	250	250	500
DE - I	Departmental Elective	Elective	2	-	50	50
IE - I	Institutional Elective	Elective	2	50	50	100
TOTAL			24	450	500	950
SEMESTER III						
				Ext.	Int.	Total
LA-10	Landscape Engineering - II	Core	2	50	50	100
LA-11	Dissertation	Core	2	50	50	100
LA-12	Urban and Regional Landscapes	Core	2	50	50	100
LA-13	Landscape Architecture Studio - III	Core	12	250	250	500
DE - 2	Departmental Elective	Elective	2	-	50	50
IE - 2	Institutional Elective	Elective	2	50	50	100
TOTAL			22	450	500	950
SEMESTER IV						
				Ext.	Int.	Total
LA-14	Landscape Project management and Professional Practice	Core	2	100	100	200
LA-15	Landscape Architecture Studio - IV (Thesis)	Core	12	375	375	750
TOTAL			14	475	475	950
GRAND TOTAL			84	2000	2100	4100

*[Signature]*  
Prof. Dr. Surlinder Suneja  
Head, Deptt. of Landscape Architecture



# Vision 2025 of SPA

December 2010

School of Planning & Architecture

(Deemed to be University) Ministry of Human Resource Development,  
Government of India




## ACKNOWLEDGEMENT

The General Council of School of Planning and Architecture (SPA) met on the 5<sup>th</sup> Aug. 2010, under the Chairmanship of the Hon'ble Union Minister of Human Resource Development, Government of India, Shri Kapil Sibal. During the course of the meeting the Chairman outlined the need for a road map of development for the future.

In a global system that thrives on competitiveness and demands the highest standards of service of any institution, an educational institution must necessarily transcend the mundane and aim to achieve changing expectations of its students, faculty and society at large. Its growth and development, in reach and depth, must respond to the demands of the times. This Vision Document looks beyond the horizons and builds upon a scenario that borders on the utopian. SPA responds to today's critical need of a multi-pronged agenda to embrace, confront, discuss and direct a changing scenario with renewed vigor by a newly expanded vision for diverse arenas of academic engagement through its program of studies. Spread over a time period of one and a half decades, the actions and programmes outlined incorporate the dynamism of the professions of Planning, Design and Architecture and policy guidelines and changing values that benchmark the entire system of imparting higher education in India.

I wish to record my thanks to the team of my colleagues namely Prof. I M. Chishti, Prof. Dr. N Sridharan, Prof. Dr. Sanjay Gupta, Asso. Prof. Arunava Dasgupta, Asst. Profs. Charu Jain and Chidambara as members of the Committee set up for this purpose by the erstwhile Director Prof. Ranjit Mitra. Thanks are due to the other faculty members who contributed their ideas in the preparation of this document especially Prof. A.K. Sharma, present Director, whose specific inputs have helped give the final shape to this document.



Prof. Kavas Kapadia  
Dean of Studies  
School of Planning and Architecture  
New Delhi

December, 2010.



**Contents**

1. Executive Summary
2. Main Vision Document 2025

**Appendices**

- A 1. List of Departments under Different Faculties
- A 2. Vision Document Committee Constitution
- A 3. Vision Document Committee Meetings



# VISION 2025 OF SCHOOL OF PLANNING AND ARCHITECTURE (SPA), DELHI

## EXECUTIVE SUMMARY

### 1. PREAMBLE

The past two decades of economic liberalization in our country has propelled unprecedented developments across urban and rural areas which have increasingly been subject to sudden and complex demands of growth and change. Within a relatively short time ahead, nearly 50% of the 1.4 billion Indian population will live in urban areas. The housing shortage envisaged is of the order of 21.4 million residential units, and growing, 90% of it being faced in the lowest economic segment. The requirement of additional infrastructure investments in cities alone will touch a few trillion rupees. The Science Advisory Council to the Prime Minister has opined that 'for India to become a knowledge based society and to be a world leader in science there is a need to redouble the national efforts to promote scientific temper, strengthen science and technology infrastructure, expand educational base, establish centres of excellence, foster a culture of innovation and channelise greater investment in research and development. We need to create a robust enabling environment for harnessing the creative energies of our youth, which can make a visible impact in improving the quality of life of our people.' Similar sentiments are reflected in the objective of the National Knowledge Commission set up to prepare a blueprint for reform of our knowledge related institutions and infrastructure which would enable India to meet the challenges of the future. One of the key terms of reference of this Commission is to emphasize on building excellence in the educational system to meet the knowledge challenges of the 21st century and increase India's competitive advantage in fields of knowledge. The 73rd and 74th Constitutional amendments have ushered in a new frontier of participative, local and district level development agendas opening up further opportunities for achieving sustainability.

Drawing full inspiration from the above cited goals in a changing society where inclusive planning, climate change are high on global agenda, time is opportune for SPA to launch a multi faceted programme to meet the diverse and specialized needs for shaping the physical environment duly safeguarding the rich social and cultural fabric inherited from the past. Collectively the canvas for professional engagement spanning from city-regions to remote villages, presents an exciting and dynamic opportunity for professional participation and contribution towards achieving a better quality of life through their application in our physical environments.

Today's India thus seeks a vastly advanced spectrum of expertise and services, hitherto unforeseen, in areas of application at phenomenally higher scales and rates of availability and efficiency. It has been recently estimated that to meet the current needs related to planning and design of human settlements in our country we require about 3000-4000 planners and about 10000 architects every year. Our current supply rates of architects and planners is minuscule in comparison to the estimated demand. A daunting task thus awaits this institution, to gear up for the future demands of our nation with respect to human settlements across all scales and play a very important role to contribute to nation building.



## 2. VISION AND MISSION STATEMENT

The vision of SPA, already internationally known, is to make it into a distinguished centre of research, innovation, learning, capacity building and scholarly inquiry to become a globally competitive institution by 2025.

With the above in mind, SPA's mission will be committed to the following:

- To make SPA a multi-disciplinary academic knowledge house, a pioneer and an internationally known leader in planning and design of human habitat and built environment.
- To provide innovative professionals who are rooted in our cultural ethos contributing wholesomely to nation building.
- To position SPA as an internationally reputed institution with a competitive edge in the field of human settlement planning, design, research, training and consultancy.

## 3. THRUST SECTORS

SPA's vision is anchored in six thrust sectors which lie in a nascent stage in its current activity and will provide the structural base for the institute to grow and foster over time. Each of these sectors is at once individually driven as also inter-dependent and mutually inclusive. These sectoral domains allow the coverage of the multi-dimensional pursuits of the Institute that collectively contribute to steer it through varied demands and expectations of the society. These "sectors" carry with them the seeds of a diverse and unique spectrum of idea-trees which, when nurtured and cared for, would form the pivotal group of action points around which the institute would revolve.

The identified thrust sectors are:

- Arenas of Academic Engagement
- Research
- Capacity Building and Skill Upgradation
- Outreach
- Networking
- Professional Interface and Extension Services

### 3.1 Arenas of Academic Engagement

The Program of Studies form the core function of the School that revolves around six *Academic arenas*. These will be developed as "*Faculties*" of knowledge domains covering not only the critical dimensions of built and natural environments but also allied disciplines – all contributing together to a holistic comprehension of the complexities that characterize our habitat. These six Academic arenas conduct academic programs through study courses and related research in constituent *Departments* set up under every Faculty. Departments are units that conduct regular doctoral, graduate and undergraduate courses. Amongst new faculties the Faculty of Habitat Management assumes a significant priority in the Vision as the planning and design approaches as well the framework of legal and governance mechanism are rapidly changing. Other proposed faculties could begin their formative journey with the support of Research Hubs before finally evolving as Departments with its complete range of functions. This document captures the long term picture of existing and conceived Departments as seen necessary and/or possible as of present day assessments.



## 3.2 Research

The research vision of SPA encompasses the ideals of discovery, relevance and inclusivity. Acknowledging the inevitability of rigorous research as the primary foundation of future directions, the SPA's research program will revolve around applied, fundamental and innovation environments for deep and sustained involvement in the most diverse range of research possibilities for today's world and its future. Within the domains of the academic frame, the program is imagined around three "entities" that become the gateway to evolution in partnership with communities at large. These entities operate at differing levels as interdependent bodies spanning collective, departmental as well as specialized needs within the Institute. While the SPA research program will not only enjoy autonomy and flexibility to suit the changing scenario it is also contemplated to be major tool for resource mobilization. It is envisaged that research outcome will eventually find it's way in shaping/reshaping the policies at national, state and local governance to achieve the outlined goals of development.

## 3.3 Capacity Building

The phenomenal gap that exists between demands and supply levels of expertise and skill in today's world makes it imperative to move beyond narrow confines of formal courses and classroom education to broader and more widespread avenues of knowledge transfer. SPA would set up an Enterprise for Training and Awareness solely for the purpose for providing capacity building and skill upgradation programs within and outside the country in the area of human settlements planning and design aspects. In view of the huge backlog of trained planners required at various levels of governance, the Centre would undertake short-term executive courses and industry-tailored courses, specifically aimed at policy planners, decision makers and other professionals within and outside the government in the field of planning and related disciplines. SPA shall also contribute to the formulation of national standards related to planning, design and management of sustainable built environment

## 3.4 Outreach

As a vehicle of change, the SPA Centre for Outreach forms one of the critical organs of the school in extending its diverse spectrum of knowledge and expertise, good practices and innovation, ideas and strategies to the widest cross-section of recipients across the nation and abroad. Reaching out to government ministries and departments at all levels, educational and research institutions in related fields, professional and industry groups, civil society organizations and self-help communities the SPA Centre for Outreach presents the public face of the School to the country and the world at large.

Three distinct "platforms" working synchronously carry out the objective of establishing and sustaining the essential intellectual, technical, strategic and operational bonds between the School and communities beyond. The first platform occurs in the form of the SPA Publication and Dissemination House and the second manifests itself as the SPA Communication and Informatics Portal. The third platform of outreach happens by way of the SPA Archive on Built and National Environment.

## 3.5 Networking

Within a globalized world that we find ourselves in today, the degree of inter-connectedness across space and time has become the driving factor for dynamic growth and evolutionary change for any enterprise. Correspondingly, the heightened levels of personal freedom and choice affected by such a revolution have touched all sections of inhabitants across urban and rural societies.



SPA's Vision for a 'connected' institution revolves around the ideals of exchange and partnerships through the SPA Centre for Networking (SPACN). This centre operates as the inter-change point of all forms of connectivity that such an institution aspires to create and sustain on a day-to-day basis across all its activities. As described earlier, SPA's global positioning as the prime institute makes it imperative for this Centre to play a decisive role of bringing together and exchanging views, aspirations, ideas and thoughts of all engaged participants especially in the fields of human settlements.

The SPA Centre for Networking extends four forums of interchange to address issues and opportunities inherent in the informational atmosphere of today. These four forums are:

1. SPA Forum for Exchange
2. SPA Forum for Collaboration and Partnerships
3. SPA Forum for Marketing
4. Off-Campus Centers.

SPA presently has a number of MOU's with leading universities abroad for carrying out joint research and other related activities. This forum will further promote and accelerate formalizing of joint proposals for research activities to be carried based on funding by government, bilateral and multi-lateral agencies. SPA has also been providing institute support to various international organisations such as UNCHS, UNESCO, DFID, ADB, World Bank, etc. on matters pertaining to human settlements and this cell will enhance such efforts in the future. The research cell will an independent unit (not linked to Consultancy) and bring high quality research related to human settlement planning, design and management and allied disciplines.

### 3.6 Professional Interface and Extension Services

The SPA Centre for Professional Interface and Extension Services is a consortium of the widest range of professionals in the fields of built and natural environments offering a large spectrum of advisory and advocacy services at every scale related to the above fields. From regional and environmental planners to urban designers, architects to product designers, heritage conservationists to urban and rural managers – this centre brings together multi-domain teams of experts who collectively contribute to contemporary issues of the built and natural environments. It is envisaged that over the next decade this centre will be a major contributor to SPA financial requirements.

## 4. INFRASTRUCTURE

One of the main aim of SPA is to develop and maintain a top class campus, with buildings, infrastructure, equipment and estates support services that befit its standing. Besides developing modern teaching spaces with adequate amenities and technological capabilities it would also construct compatible excellent environment for students equipped with excellent catering, recreational and sports facilities. All the faculties will be adequately supported by various central servicing units such as Computer Centre, GIS Lab, Remote Sensing Lab, Workshop and Library along with well trained administrative support staff. To facilitate integrated learning environment It would also ensure that good custom built residential accommodation for students, faculty and staff members is provided for in the same campus. The campus would also have exhibition halls, permanent display and temporary spaces to showcase its works to the outside world and facilitate public engagement. The campus would also have multi-activity centre for holistic development of students.

It is anticipated that the student strength will increase from present level of around 800 to about 4200 students by 2025 while teaching faculty strength would increase from present level of 60 to about 500 teachers. In order to achieve the above mentioned requirements it is estimated that a minimum land area



facilities would be required to house the requirements comprising of academic spaces, administration areas, residential spaces for students faculty and staff and students amenity and activity areas. In monetary terms it is estimated that SPA conservatively may require Rs.300 crore to translate its vision into reality.

SPA will aim to be an exemplary employer successful in recruiting, developing and retaining outstanding people. It would commit to attract, retain and develop the best people by recruiting faculty who are graduating or have the potential to produce significant research outputs and/or high quality scholarly teaching besides wide experience in professional practice.

## 5. FINANCIAL RESOURCES AND IMPLEMENTATION

In addition to the formal assistance and support available from Ministry of Human Resource Development, SPA will articulate itself to mobilise financial resource towards achieving a self-sustaining model of financial support such that its diverse action plans move ahead in tandem with time horizon. The 6-point agenda for revenue generation is as follows:

- From Institutional Consultancy and Sponsored Research
- From Fee-based academic, research, training and outreach programs conducted by the School.
- From Joint product development, patents and copyrights.
- From Priced publications and knowledge products of the School.
- From student's fees, especially the share of international students fees and other user charges including vacation-time rental and hiring out charges for School facilities and services.
- From targeted marketing and fund-raising events, programs and campaigns.

In order to effectively implement the mission objectives as outlined in this document, SPA will also initiate steps to set up effective governance mechanism which will give shape to the enunciated vision objectives and development programme of the School.



# VISION 2025 OF SCHOOL OF PLANNING AND ARCHITECTURE (SPA), DELHI

## MAIN DOCUMENT

### 1.0 PREAMBLE

The past two decades of economic liberalization in our country has propelled unprecedented developments across urban and rural areas which have increasingly been subject to sudden and complex demands of growth and change. Within a relatively short time ahead, nearly 50% of the 1.4 billion Indian population will live in urban areas. The housing shortage envisaged is of the order of 21.4 million residential units, and growing, 90% of it being faced in the lowest economic segment. The requirement of additional infrastructure investments in cities alone will touch a few trillion rupees. The Science Advisory Council to the Prime Minister has opined that 'for India to become a knowledge based society and to be a world leader in science there is a need to redouble the national efforts to promote scientific temper, strengthen science and technology infrastructure, expand educational base, establish centres of excellence, foster a culture of innovation and channelise greater investment in research and development. We need to create a robust enabling environment for harnessing the creative energies of our youth, which can make a visible impact in improving the quality of life of our people.' Similar sentiments are reflected in the objective of the National Knowledge Commission set up to prepare a blueprint for reform of our knowledge related institutions and infrastructure which would enable India to meet the challenges of the future. One of the key terms of reference of this Commission is to emphasize on building excellence in the educational system to meet the knowledge challenges of the 21st century and increase India's competitive advantage in fields of knowledge. The 73rd and 74th Constitutional amendments have ushered in a new frontier of participative, local and district level development agendas opening up further opportunities for achieving sustainability.

Drawing full inspiration from the above cited goals in a changing society where inclusive planning, climate change are high on global agenda, time is opportune for SPA to launch a multi faceted programme to meet the diverse and specialized needs for shaping the physical environment duly safeguarding the rich social and cultural fabric inherited from the past. Collectively the canvas for professional engagement spanning from city-regions to remote villages, presents an exciting and dynamic opportunity for professional participation and contribution towards achieving a better quality of life through their application in our physical environments.

Today's India thus seeks a vastly advanced spectrum of expertise and services, hitherto unforeseen, in areas of application at phenomenally higher scales and rates of availability and efficiency. It has been recently estimated that to meet the current needs related to planning and design of human settlements in our country we require about 3000-4000 planners and about 10000 architects every year. Our current supply rates of architects and planners is minuscule in comparison to the estimated demand. A daunting task thus awaits this institution, to gear up for the future demands of our nation with respect to human settlements across all scales and play a very important role to contribute to nation building.



## **VISION STATEMENT**

The vision of SPA, already internationally known, is to make it into a distinguished centre of research, innovation, learning, capacity building and scholarly inquiry to become a globally competitive institution.

## **MISSION STATEMENT**

The School of Planning and Architecture is committed to the following tasks:

- To make SPA a multi-disciplinary academic power house, a pioneer and an internationally known leader in planning and design of human habitats.
- To provide innovative professionals who are rooted in our cultural ethos contributing wholesomely to nation building.
- To position SPA as an internationally reputed institution with a competitive edge in the field of human settlement, planning, design, studies, research, training and consultancy.

## **OBJECTIVES OF SPA**

### **1 To make SPA a center of world class education**

- To impart knowledge in all related fields of human settlements
- To facilitate the propagation and exchange of knowledge in collaboration with other agencies, inland and globally.
- To innovate new techniques of teaching in synch with the demands of immediate community, country and the world.
- To exchange knowledge, encourage research and set benchmarks of excellence in all fields of engagement.
- To reach out to potential students and employers from across the country and the world at large.

### **2 To expand research areas in the field of human settlements and its design**

- To conduct advanced research on human settlements
- To provide technical and advisory support to all on important policy issues pertaining to natural and built environments.
- To undertake research in different disciplines that contribute to the functioning of habitats.
- To facilitate research for the advancement of knowledge and exchange of ideas with sister organizations in India and abroad.
- To establish multi disciplinary centers, hubs to facilitate research and to push the idea of 'Think Tanks'.

### **3 To establish collaborations at Community, National and International Levels**

- To encourage courses/programs to interact with community members on a regular basis.

(2)



- To conduct seminars, debates, colloquiums and meetings to advance dialogue with similar stakeholders.
  - To disseminate knowledge by regular publications, brochures and on-line information.
  - To expand outreach by exploring on-line relevant information and education.
  - To establish links with Govt. Sector, private sector, and other educational institutions
  - To foster global partnerships especially with South Asian counterparts to form a nodal hub of education and research in this part of the world.
4. To promote capacity building and professional /consultancy services
- To constantly upgrade the quality of teachers by QIPs and other programs
  - To help in capacity building of Government and other public institutions.
  - To interact with professional bodies such as Institute of Architects, Institute of Town Planners, India (ITPI), Institution of Engineers and other organizations to streamline consultancy related matters.
  - To promote meaningful interface between live projects and class room/studio assignments.
  - To induct the industry and practicing personnel as part of teaching faculty and vice-versa
  - To become a regular advisor/project consultant for Govt. and private agencies in the field of human settlements and its design.

## 5.0 THRUST SECTORS

The vision of SPA is anchored in six thrust sectors which provide the structural base for the institute to grow and foster over time. Each of these sectors is at once individually driven as also inter-dependent and mutually inclusive. These sectoral domains allow the coverage of the multi-dimensional pursuits of the Institute that collectively contribute to steer the university through varied demands and expectations of the societal conditions that surround us. These "sectors" while being introductory in nature at this stage, carry with them the seeds of a diverse and unique spectrum of idea-trees which, when nurtured and cared for, would form the pivotal group of action paths around which the institute would revolve.

The identified thrust sectors are:

- a. Arenas of academic engagement
- b. Research
- c. Capacity building and skill upgradation
- d. Outreach
- e. Networking
- f. Professional interface and extension services

## 5.1 ARENAS OF ACADEMIC ENGAGEMENT

In the last few decades, the pace and nature of change in our surrounding environments – both built and natural, has far outstripped academic endeavor dealing with issues in these areas of study and application. SPA's vision for academic engagement focuses on extending advanced educational opportunities to produce the widest range of connected professionals, researchers and decision makers in all dimensions of human settlements architecture and design. The young minds entering the portals of SPA choose their respective academic paths from a wide variety of under-graduate, graduate and Ph.D programs offered by



involved and get equipped to confront the challenges of today while embarking upon the opportunities ahead.

The SPA Program of Studies thus forms the core function of the School that revolves around six academic areas identified as "Faculties" of knowledge domains covering not only the critical dimensions of built and natural environments but also connected support disciplines - all contributing together to a holistic comprehension of the complexities that characterize our habitat. These six Academic areas conduct academic programs through study courses and related research in constituent Departments set up under every Faculty. Departments are units that conduct regular courses Doctoral, graduate and undergraduate courses and vary between five to eight departments in each faculties. Every Faculty has an independent Knowledge Center (KC) as the research arm for respective knowledge domains. The outcome of research in the Department would feed into the Knowledge Centre of each Faculty as also to the SPA HUB at the School level and vice versa. New Departments could begin their formative journey with their genesis in the research activity and growing into KCs before finally evolving as Departments with a complete range of functions. This document captures the long term picture of existing and projected Departments as seen necessary and/or possible as of present day assessments.

### Six Faculties

The six faculties are:

1. Faculty of Planning
2. Faculty of Design & Applied Arts
3. Faculty of Habitat Management & Applied Social Sciences
4. Faculty of Applied Technology
5. Faculty of Heritage and Conservation
6. Faculty of Emerging Issues & Contemporary Thought

#### Faculty of Planning

The Faculty of Planning at SPA encompasses all disciplines such as urban planning, regional planning, environmental planning, housing, transport planning, infrastructure planning, district planning and rural habitat. The main objective of the Faculty is to promote education and research related to physical, social, cultural and economic dimensions of human settlements with the emphasis to achieve socio-spatial equity, environmental sustainability and eco-productivity in urban and rural areas. The aim is to prepare students and scholars with ability to critically interpret, analyze and evaluate policies to achieve planned development with special emphasis on imparting skills in participatory planning, communication and negotiation.

Faculty of Planning takes initiatives to establish new urban and regional planning approaches taking into cognizance the demographic, environmental, economic and socio spatial challenges confronting human settlements besides the changing institutional structure and emerging spatial configurations of city regions.



### **Faculty of Design and Applied Arts**

Design in its many manifestations forms an integral part of every culture. Design based creative industries in India are witness to a fascinating churning, necessitating a search for a vision that may inform their evolution beyond - spanning education, profession and the industry. The faculty of design at SPA is conceived as a step in that direction ..

The energy behind the design of a pin or a city being the same, the faculty besides imparting wholesome and rounded specialized education in each discipline nurtures connections across the various departments/ creative industries - architecture, urban/landscape/interior design, industrial design, graphic, media communication design etc. In addition the faculty also offers courses in applied arts related to installation art, advanced architectural graphics, design, architectural photography, architectural filmmaking, etc. Local, regional and global in outlook the faculty works in close coordination with other allied faculties and centers of SPA.

### **Faculty of Habitat Management and Applied Social Science**

The main purpose of this faculty is to build and transfer knowledge in the field of human settlement management, governance, public policy construction and evaluation, as well as development administration. The faculty offers master's and doctoral programmes in habitat management, transport management, environmental management and disaster mitigation & management. In addition vital inputs of all dimensions relating to the understanding and constitution of our society as a whole is also provided through various programmes in applied social sciences offered by this faculty.

### **Faculty of Applied Technology**

All design based creative disciplines/industries including planning become translatable into reality with the help of prevailing technologies and multifarious engineering services. At present these vital backbone disciplines in India and elsewhere are looked at in a fragmented manner at the level of education, profession and industry. There is this long felt need for an integrated and a cohesive approach towards technology and other allied engineering disciplines.

The main aim of this faculty is to develop and impart knowledge in the field of Applied Technology with doctoral and masters courses as well as providing vital inputs to other sister departments of the school.

### **Faculty of Heritage and Conservation**

This faculty calls for a special involvement and engagement with the wealth of living and not so living examples of heritage spread across the length and breadth of the sub-continent, especially in India. This faculty is imagined as a wholesome entity involved in discovery, survey, documentation, conservation and restoration of forms of such surviving and living manmade and natural habitat. It also has been conceived as a place that inspires and facilitates cross breeding and fertilization within the arts on one hand and between other design-based creative disciplines/industries on the other hand.

The faculty offers masters' and doctoral programs in architectural conservation, urban heritage, conservation/restoration, archeology/antiquity, etc.



## **School of Emerging Issues & Contemporary Thought**

In the changing global socio-economic and political scenario new issues emerge that needs to be addressed through a process of continuous research and development. The purpose of the School of emerging issues & contemporary thought is to address those upcoming and contemporary issues in the field of habitat and its environment, ranging from developing to developed country issues that are affecting global socio-political and economic equations and have a bearing on spatial development. This faculty aims to offer master and doctoral level programmes in sustainability studies, poverty studies, spatial studies, resource management, informal and unorganized sector studies and future studies

The list of various departments under different faculties is shown in Appendix A 1.

## **52. RESEARCH**

The research vision of SPA encompasses the ideals of discovery, relevance and inclusivity. Acknowledging the inevitability of rigorous research as the primary foundation of future directions, the SPA research program is envisaged to offer open, free and liberal research environments for deep and sustained involvement in the most diverse range of research possibilities for today's world and its future. Within the domains of the academic frame, the program is imagined around three "entities" that become the gateway to evolution in partnership with communities at large. These entities operate at differing levels as interdependent bodies spanning collective, departmental as well as specialized needs within the Institute.

The three entities are:

- SPA HUB
- SPA Knowledge Centers
- Think Tanks

### **52.1 SPA HUB**

SPA HUB is the nodal center of all research activity that is conducted in the School. This central body is responsible for the overall generation, coordination and monitoring of research activity at the overall school level and becomes the knowledge face of the school to the academic, professional and other civic bodies.

The SPA HUB shall to connected to the National Knowledge Network for wider dissemination of research activities throughout the country.

### **52.2 SPA Knowledge Centers**

SPA Knowledge Center derive inputs from individual faculties of the School and operates as an extension of the SPA HUB in each sector of knowledge pursued by respective faculties. The primary role of the Knowledge Center is to collate & disseminate continuous in house research in all connected aspects of the built and natural environments as defined by various faculties.



### 5.2.3 Think Tanks

Think Tanks are groups of specialized experts and free thinkers who collect together to contribute through research and discourses to existent realities, concerns and opportunities related to the fields of built and natural environments. The SPA Think Tanks seek to draw inspiration from, and connect, to the HUB of the School. SPA Think Tanks therefore form enriched pools of diverse minds from international and national knowledge leadership, apart from the SPA community itself engaging in prevailing as well as emerging issues at all levels of inter-disciplinary enquiry. Significantly, SPA Think Tanks also aim to continuously reinterpret SPA's own directions of involvement across specified objectives including educational pedagogy, outreach mechanisms, student and faculty outputs, etc.

Figure 1 shows the linkages between various research entities.



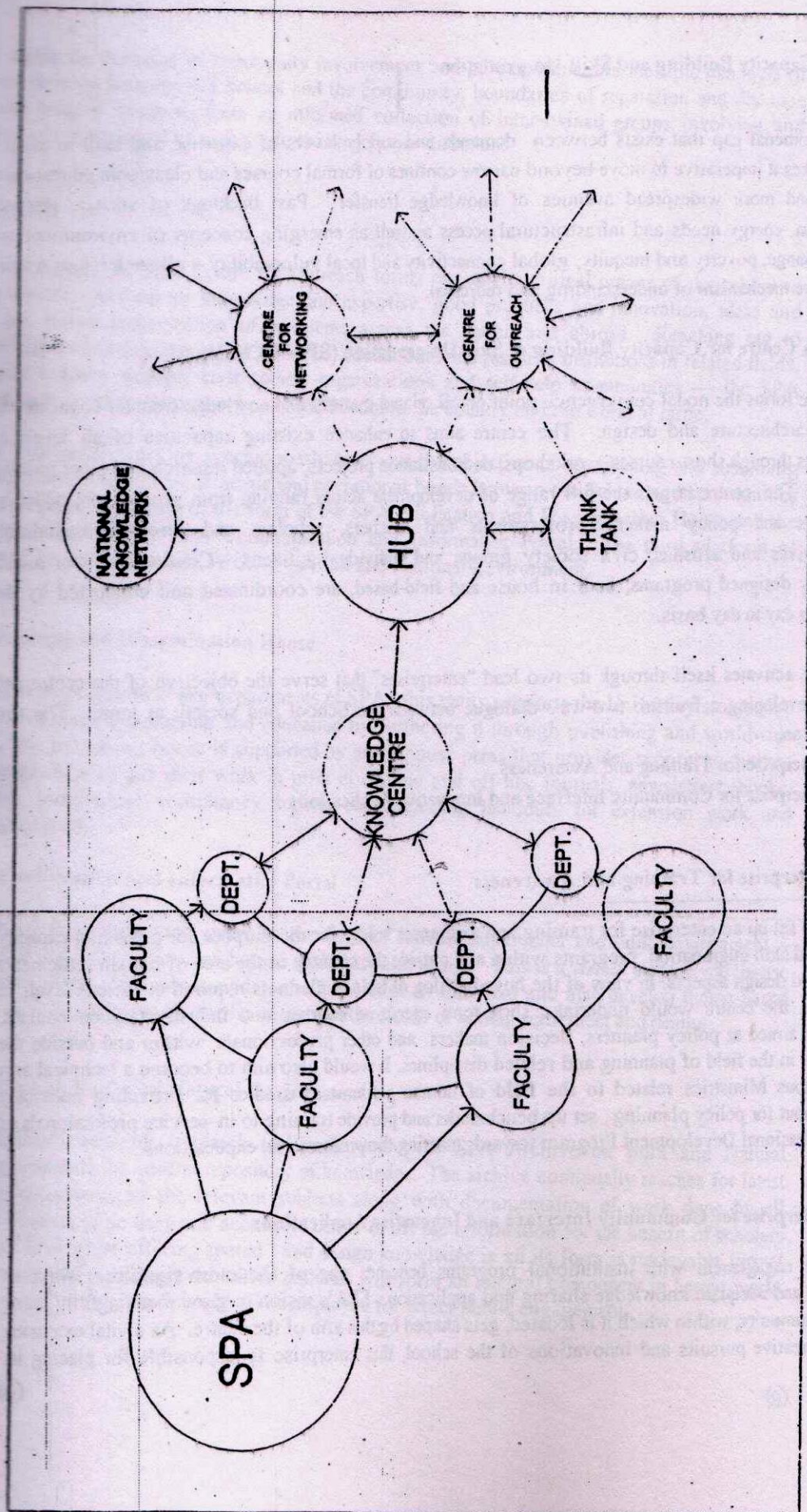


Figure 1. Linkages of research entities at SPA.



### 5.3 Capacity Building and Skill Up-gradation

The phenomenal gap that exists between demands and supply levels of expertise and skill in today's world makes it imperative to move beyond narrow confines of formal courses and classroom education to broader and more widespread avenues of knowledge transfer. Past backlogs of shelter, resource distribution, energy needs and infrastructural access as well as emerging concerns of environment and climate change, poverty and inequity, global connectivity and local vulnerability - all such issues require an effective mechanism of understanding and redressal.

#### 5.3.1 SPA Centre for Capacity Building & Skill Up-gradation (SPA-CCBSU)

This centre forms the nodal convergence point on all related matters of knowledge transfer connected to planning, architecture and design. The centre aims to enhance existing capacities of all levels of participants through short-courses, workshops, demonstration projects, applied research and other training modules. The centre targets the full range of development actors ranging from government officials, bureaucrats and policy makers, professionals and teachers, scholars and researchers, industry representatives and artisans, civil society groups and individual citizens. Continuous, year-round, specifically designed programs, both in house and field-based, are coordinated and conducted by the Centre on a day to day basis.

This centre activates itself through its two lead "enterprises" that serve the objective of the centre and assist in developing a fruitful, two-way dialogue between the School and society at large. The two enterprises are

- Enterprise for Training and Awareness
- Enterprise for Community Interface and Innovative Applications

##### 5.3.1.1 Enterprise for Training and Awareness

SPA would set up an enterprise for training and awareness solely for the purpose for providing capacity building and skill upgradation programs within and outside the country in the area of human settlements planning and design aspects. In view of the huge backlog of trained planners required at various levels of governance, the centre would undertake short-term executive courses and industry-tailored courses, specifically aimed at policy planners, decision makers and other professionals within and outside the government in the field of planning and related disciplines. It would also aim to become a technical arm of the various Ministries related to the field of human settlements studies for providing necessary technical input for policy planning, set up benchmarks and provide training to in-service professionals as part of Professional Development Program towards meeting the professional expectations.

##### 5.3.1.2 Enterprise for Community Interface and Innovative Applications

Community engagement with institutional programs becomes one of the most significant ways of appropriate and adequate knowledge sharing and application. SPA's vision to grow meaningfully along with the community, within which it is located, gets shaped by this arm of the centre. As a vital extension to all the creative pursuits and innovations of the school, this enterprise is responsible for placing its

(6)



...right within the domains of community involvement and participation. As multiple channels of communication develop between the School and the community, boundaries of separation and distance get blurred and bridged so as to form an informed collection of inter-twinced groups involving and addressing present conditions of change while charting future directions.

## 54 OUTREACH

As a vehicle of change, the SPA Centre for Outreach forms one of the critical organs of the school in extending its diverse spectrum of knowledge and expertise, good practices and innovation, ideas and strategies to the widest cross-section of recipients across the nation and abroad. Reaching out to government ministries and departments at all levels, educational and research institutions in related fields, professional and industry groups, civil society organizations and self-help communities — the SPA Centre for Outreach presents the public face of the School to the country and the world at large.

Three distinct "platforms" working synchronously carry out the objective of establishing and sustaining the essential intellectual, technical, strategic and operational bonds between the School and communities beyond. The first platform occurs in the form of the SPA Publication and Dissemination House and the second manifests itself as the SPA Communication and Informatics Portal. The third platform of outreach happens by way of the SPA Archive on Built and Natural Environment.

### 54.1 SPA Publishing and Dissemination House

Strongly linked with all faculties and departments of SPA, this entity supports the University's objective of excellence in research, scholarship and education by furthering it through publishing and worldwide dissemination. The publishing house is supported by an in-house press that provides support to authors within and outside SPA to put their work in print in on-line and off-line journals, newsletters, books, working papers, institutional consultancy reports etc. including handouts for extension work and community engagement.

### 54.2 SPA Communication and Informatics Portal

This lab functions as an advocacy center in the field of human settlements and built environment — generating as well as debating issues on human settlement and design. This is a *virtual* storage warehouse where continuous efforts are made to update the knowledge in this field and also develop theme-based documentaries including other multi-media outputs on the fields of human settlement and design.

### 54.3 SPA Archive on Built and Natural Environment

In order to facilitate teaching, research and consultancy the SPA Archive on Built and Natural Environments operates as the central repository of knowledge. The archive continually reaches for latest research and advancements in the relevant subjects along with documentation of work done by all departments. It consists of an easy and accessible center of all the information for the benefit of scholars in and outside of SPA while offering spatial and design knowledge in all its form in retrievable format globally. Permanent and temporary exhibition galleries will form an integral component in herein works both from within and outside the School will be displayed for wider public engagement.



## 5.5 NETWORKING

Within a globalized world that we find ourselves in today, the degree of inter-connectedness across space and time has become the driving factor for dynamic growth and evolutionary change for any enterprise. Correspondingly, the heightened levels of personal freedom and choice affected by such a revolution have touched all sections of inhabitants across urban and rural societies.

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The SPA Centre for Networking extends four forums of interchange to address issues and opportunities inherent in the informational atmosphere of today. These four forums are:

- SPA Forum for Exchange
- SPA Forum for Collaboration and Partnerships
- SPA Forum for Marketing
- Off-Campus Centers

### 5.5.1 SPA Forum for Exchange

In this forum, SPA collaborates with national and international institutions to explore common areas of interest and facilitate two-way personnel exchange programs. It provides faculty and students access to expertise and rare facilities that are not available within their own institutions. These visits enable 'home' and 'host' supervisors to widen their own networks. The SPA Forum for Exchange acts as a platform for visiting scholars/researchers and professors from within the country and abroad to be in SPA and conduct research themselves and share findings with other scholars, faculty and students.

### 5.5.2 SPA Forum for Collaboration and Partnerships

The SPA Forum for Collaboration and Partnership will act as a Networking Cell which will facilitate the faculty to organize international meetings/workshops/seminars/conferences to further their research aims. The networking cell will generate/provide funding and logistical support for these events in association with networked institutions.

SPA presently has a number of MOU's with leading universities abroad for carrying out joint research and other related activities. This forum will further promote and accelerate formalizing of joint proposals for research activities to be carried based on funding by government, bilateral and multi lateral agencies. SPA has also been providing institutional support to various international organisations such as UNCHS, UNESCO, DFID, ADB, World Bank, etc. on matters pertaining to human settlements and this cell will enhance such efforts in the future. This research cell will operate as an independent unit (not linked to Consultancy) and bring high quality research related to human settlement planning, design and management and allied disciplines.



### 5.5.3 SPA Forum for Marketing

The main aim of this forum will be to market SPA as a product and market its knowledge in terms of research and consultancy to outside world. Its aim is to bring a brand name to SPA in the global market and create a niche in the field of Human Settlement Planning, Design and Management.

### 5.5.4 Off-Campus Centers

In an endeavor to reach out to global stakeholders in human settlement planning and design SPA will also be establishing off-campus centers abroad to offer short and long term courses, especially in SAARC and other developing and developed countries in the field of human settlements and the built environment.

## 5.6 PROFESSIONAL INTERFACE AND EXTENSION SERVICES

SPA aims to respond to the vastly exciting and equally challenging situation of today's emerging, vibrant, development scenario through its SPA Centre for Professional Interface and Extension Services. Realizing the completely untapped potential of institutional as well as collaborative consultancy services in all sectors of human settlements, this Center becomes the nodal provider of such consultancy.

The SPA Centre for Professional Interface and Extension Services is a consortium of the widest range of professionals in the fields of built and natural environments. From regional and environmental planners to urban designers, architects to product designers, heritage conservationists to urban and rural managers - this centre brings together multi-domain teams of experts who collectively contribute to contemporary issues of the built and natural environments.

The first "organ" for the centre is named the SPA Atelier which simulates a giant factory of planning and design in the heart of Delhi city. The other organ is called the SPA Extension Services and Advocacy Unit that promotes a sustained dialogue between practitioners, allied professional bodies and multiple stakeholders engaged in contemporary conditions and future directions for the built and natural environments.

### 5.6.1 The SPA Atelier

The dictum that you teach best what you need to learn most applies the best to design based creative disciplines including planning. It is also a well established fact that the best way to learn is by doing or practicing. No wonder, therefore that the teaching and practice of these disciplines go hand in hand - a tradition promoted and nurtured with care in the best schools and universities all across the globe.

The SPA Atelier has been, therefore, conceived as a melting pot of the best talent and expertise that the profession could offer under one roof, combining the best from across ten faculties. Providing professional service in the sector to the governmental and non-governmental agencies alike, this will have the potential of being the largest practice in the country paving the way for financial independence of the school. In addition to helping the faculty to explore their subject of specialization fully in its practice dimensions, this energizing activity will benefit the pedagogy and vice versa.



#### 5.6.2 SPA Extension Services & Advocacy Unit

The lack of a constructive, inclusive and transparent framework for collective engagement has surfaced, confirming the need for a sustained effort to produce clear and comprehensive guidelines that assist in the profession-industry interface more effectively and equitably.

The SPA Extension Services and Advocacy Unit becomes a vital organ for such an effort and offers professional bodies and representatives of planning, architecture, design and allied fields a mechanism to jointly address problems and opportunities encircling respective professions and the development scenario at large. This unit establishes formal links with all government departments, national and international development bodies, institutions and civic societies informing them of the role, purpose, scope and engagement procedures related to individual professions and groups. It brings together practitioners, policy makers, academics and civil society members to deliberate upon current and emerging issues of the profession and society. The unit finally aspires to construct vital bridges across disciplines and development sectors so as to strengthen the foundations of one of the most dynamic and exciting phases of change that our country is progressing through today.

#### 5.7 HUMAN RESOURCE DEVELOPMENT

SPA will aim to be an exemplary employer successful in recruiting, developing and retaining outstanding people. It would commit to attract, retain and develop the best people by recruiting faculty who are producing or have the potential to produce significant research outputs and/or high quality scholarly teaching besides wide experience in professional practice. It will pursue policies and practices that ensure equality and diversity in the workplace. It will encourage faculty to achieve their full potential by recognising and rewarding excellence and by providing all faculty with systematic feedback on their performance and opportunities for improving their skills and expertise. Some of initiatives in this direction would be :

- set up endowed chair professorship which will provide an incentive for meritorious professors from institute itself
- invite faculty members from abroad to have contractual /joint appointments with SPA to participate in academic and sponsored research programmes. Efforts will be made to solicit sponsored research funding from such faculty.
- pursue vigorous faculty recruitment campaign within and outside the country
- encourage young PhD scholars graduating from the institute to take up faculty positions and adopt early faculty induction programmes
- set up facilitative policy on doctoral programme for existing faculty members
- send faculty members to participate in QIP's, faculty development programmes etc. both within and outside the country for training
- encourage faculty members to participate in international and national conferences, seminars, workshops etc.

Besides the teaching fraternity SPA would also ensure that the non-teaching administrative and support staff are also well equipped and trained for providing excellent support services



### 5.3 STUDENT ACTIVITIES

In order to enhance the student experience as well as building and up-grading teaching spaces to provide the necessary and technological capability required for contemporary higher learning, SPA will develop top class facilities that places students at the heart of the learning experience, and maintain excellent catering, recreational and sports facilities. In this context some of the strategies would include:

- creating space for the students in various academic and non-academic platforms of decision making
- encourage students to participate in seminars/workshops/cultural events etc. and set up facilitative procedures to promote 'learning by travel' concept.
- provide opportunities for students to engage in professional pursuits, research activities etc. both within and outside the school beyond the academic schedules.
- engagement of students in community programs for gaining wider perspectives on societal needs and contextual solution sets.
- creating recreational space for all round development of the students such as sports complex including swimming pool, promoting out door activities such as mountaineering & trekking, photography etc.,
- establish centre for performing arts, exhibition galleries etc. for providing platform to students for showcasing of their creative talent.

### 5.4 INFRASTRUCTURE

One of the main aim of SPA is to develop and maintain a top class campus, with buildings, infrastructure, equipment and estates support services that befit the standing of a leading university. Besides developing modern teaching spaces with adequate amenities and technological capabilities and administration blocks it would also construct compatible excellent environment for students equipped with excellent catering, recreational and sports facilities. To facilitate integrated learning environment It would also ensure that good custom built residential accommodation for students, faculty and staff members is provided for in the same campus. The campus would also have exhibition halls, permanent display and temporary spaces to showcase its works to the outside world and facilitate public engagement.

It is anticipated that the student strength will increase from present level of around 800 to 4200 by 2025 while teaching faculty strength would increase from present level of 60 to about 500. In order to achieve the above mentioned requirements it is estimated that a minimum land area of 100 acres would be required to develop such a modern campus comprising of academic spaces, administration areas, residential spaces for students faculty and staff and students amenity and activity areas. It is estimated that SPA conservatively may require Rs.300 crores to translate the vision into reality.

### 5.5 FINANCIAL RESOURCES

The major source of financial resources to meet the anticipated expenditure associated with development of new campus would primarily be met from the budgetary grants from the government. However, recognizing the climate of fiscal prudence and domestic pressures related to public spending, it would also be imperative upon SPA to search for alternate sources of funding including revenues from institutional consultancy and sponsored research activities which witnessed a quantum jump from Rs.0.6 crore in 1994-95 to Rs.5.5 crore in 2009-10. All our efforts will be made to increase the revenues from consultancy and sponsored research to at least three times the present value by the year 2025.

(13)



SPA will articulate itself to mobilise financial resource towards achieving a self-sustaining model of financial support such that its diverse action plans move ahead in tandem with time horizon. The 6-point agenda for revenue generation is as follows:

1. From Institutional Consultancy and Sponsored Research
2. From Fee-based academic, research, training and outreach programs conducted by the School.
3. From Joint product development, patents and copyrights.
4. From Priced publications and knowledge products of the School.
5. From student's fees, especially the share of international student fees and other user charges including vacation-time rental and hiring out charges for School facilities and services.
6. From targeted marketing and fund-raising events, programs and campaigns.

### 5.11 IMPLEMENTATION

In order to effectively implement the mission objectives as outlined in this document it is proposed to phase out various activities of the thrust sectors as shown in Figure 2. SPA will also initiate steps to set up effective governance mechanism which will give shape to the enunciated vision objectives and development programme of the School.



### SPA THRUST SECTORS

Facilities	Research	Capacity Building	Outreach	Networking	Professional Interface
Off-Campus	3 Entities	2 Enterprises	3 Platforms	4 Forums	2 Organs
- Planning* - Design & Applied Arts* - Habitat Management & Applied Social Sciences*	-HUB -Knowledge Centers -Think Tanks	Enterprise for Training and Awareness	- SPA Publishing and Dissemination House  - SPA Communication and Informatics Portal	- SPA Forum for Exchange  - SPA Forum for Collaboration and Partnerships	-The SPA Atelier SPA**  -SPA Extension Services & Advocacy Unit
- Applied Technology* -Heritage and Conservation*		Enterprise for Community Interface and Innovative Applications	SPA Archive on Built and Natural Environment	SPA Forum for Marketing  Off-Campus Centres	
-Emerging Issues & Contemporary Thought					

\* Have already some departments established

\*\* Already in operation

Fig.2 Phasing of Thrust Sectors of SPA,



APPENDICES



# LIST OF DEPARTMENTS UNDER DIFFERENT FACULTIES.

## Faculty of Planning

- Department of Physical Planning
- Department of Urban Planning
- Department of Regional Planning
- Department of Transport Planning
- Department of Housing
- Department of Environmental Planning
- Department of Infrastructure Planning
- Department of District Planning and Rural Habitat

## Faculty of Design and Applied Arts

- Department of Architecture
- Department of Urban Design
- Department of Landscape Architecture
- Department of Interior and Exhibition Design
- Department of Industrial and Product Design
- Department of Graphic and Communication Design
- Department of Applied Arts

## Faculty of Habitat Management and Applied Social Sciences

- Department of Habitat Management
- Department of Transport Management
- Department of Environmental Management
- Department of Disaster Mitigation and Management
- Department of Social Studies and Behavioral Sciences
- Department of Applied Economics and Statistics
- Department of Legal Studies



4. Faculty of Applied Technology.

Departments

1. Department of Building Engineering and Management
2. Department of Civil Engineering and Geosciences
3. Department of Earth Sciences and Climatic Studies
4. Department of Emerging Technologies
5. Department of Energy Studies

5. Faculty of Heritage and Conservation

Departments

1. Department of Architectural Conservation
2. Department of Urban Heritage
3. Department of Natural Heritage
4. Department of Adaptive Re-use and Retrofitting
5. Department of Antiquity and Archeology

6. Faculty of Emerging Issues and Contemporary Thoughts

Departments

1. Department of Sustainability Studies
2. Department of Poverty Studies
3. Department of Glocal Studies
4. Department of Resource Management
5. Department of Informal and Unorganized Sector Studies
6. Department of Future Studies



SCHOOL OF PLANNING AND ARCHITECTURE: NEW DELHI

APPENDIX A.C.

SP/PA-D/SPA

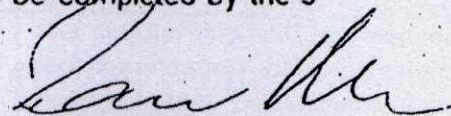
12<sup>th</sup> August, 2010

ORDER

A Committee consisting of the following members of faculty is constituted to prepare a Road Map/Vision document of the School, as per the directions of the General Council:-

- |    |   |           |
|----|---|-----------|
| 1. | Prof. Kavas Kapadia,<br>Dean of Studies                       | Chairman  |
| 2. | Prof. I.M. Chisti,<br>Prof. of Architecture                   | Member    |
| 3. | Prof. (Dr.) N. Sridharan,<br>H.O.D.(R.P.)                     | Member    |
| 4. | Prof. (Dr.) Sanjay Gupta,<br>H.O.D. (T.P.)                    | Member    |
| 5. | Shri Arunava Dasgupta,<br>Assistant Professor of Urban Design | Member    |
| 6. | Ms. Chidambara,<br>Lecturer in Physical Planning              | Member    |
| 7. | Ms. Iaru Jain,<br>Lecturer in Physical Planning               | Member    |
| 8. | Smt. Bimla Chawla,<br>Sr. P.A.                                | Secretary |

The Committee must make a presentation of the Interim Report on or before 31<sup>st</sup> August, 2010, in order that the Final Report should be completed by the 3<sup>rd</sup> September, 2010.



(Prof. Ranjit Mitra)  
Director

concerned

Registrar



**Vision Document Committee Meetings**

- 1 10th August 2010 - Meeting of Director & Dean of Studies with faculty of School for conceptualization of Vision Document
- 2 16th August 2010 - Brainstorming, idea generation and basic framework identification
- 3 23rd August 2010 - Defining goals, mission and objectives
- 4 27th August 2010 - Projection of scenario of technical education, role of SPA as a nodal institution synthesizer
- 5 21st September 2010 - Consolidation of different ideas, finalization of structure of report
- 6 13th November 2010 - First rough draft drawn
- 7 17th November 2010 - Draft vision document circulated to all faculty for comments & feedback
- 8 20th November 2010 - Remodeling of draft incorporating the faculty feedback, redrafting of draft
- 9 27th November 2010 - Revised draft taken up for detailed discussions among committee members and Director's comments received and incorporated. First revision of final draft, meeting inputs received from committee members
- 10 4th December 2010 - Second revision, draft edited and revised
- 11 11th December 2010 - Meeting of committee with Director to finalize the revised draft
- 12 20th December 2010 - Vision document draft finalized



# Appendix - 01 Senate / III

SCHOOL OF PLANNING AND ARCHITECTURE: NEW DELHI-2  
(An Institute of National Importance, created by an Act of Parliament)  
(Dean's Office)

20<sup>th</sup> June, 2017

## GUIDELINES FOR AWARD OF SCHOLARSHIP TO GATE/CEED QUALIFIED PG STUDENTS

Existing	Proposed
1. Once a Student is admitted and found eligible and starts drawing scholarship, his/her GATE score card stands cancelled.	No Change
2. The amount of scholarship (as amended by the Government from time to time) can be released from the date of joining in the year for which the sanction has been accorded. An application from and an undertaking in this regard, in the prescribed format (provided overleaf), shall be taken from the candidate at the time of admission and at the beginning of each semester, subsequently.	No Change
3. Scholarship should be given to the students only for one year if he/she fails in first or second semester. However, in the case of relegation, the Scholarship will be stopped for the next semester, which may be released subsequently from the date the result of having cleared the relegated subject(s) gets declared.	Scholarship will be stopped when student is declared failed/detained.
4. GATE examination is to be cleared before taking admission to a PG Programme. No scholarship to be given to a PG student who passes the GATE examinations during the second year of study.	No Change
5. No Scholarship to be given to a PG student who is found indulged in ragging/ use of unfair means during examinations/ misconduct/ detained due to shortage of attendance, etc., on the recommendation of the concerned Committee.	No Change
6. Application from student shall be attached with the original GATE Score Card at the time of first application (which will be retained by the School) and true copy of last semester examination with subsequent applications.	Application from student with self-attested copy of GATE score (downloaded from website) must clearly mentioned that no GATE scholarship has been availed against said GATE score.
7. The scholarship will be released on recommendation of the respective Head of the Department, on the basis of documentary evidence of having completed the GATE related work allotted for 8hrs. per week.	The scholarship will be released on recommendation of the respective Head of the Department, on the basis of documentary evidence (copy of evidence to be attached) of having completed the GATE related work allotted for 8hrs. per week
8. If a student discontinues the course after one year for any reason, the Scholarship will not be released subsequently even after he/she joins the course again.	No Change
9. The Duration of the scholarship shall not be more than two years, in any case.	No Change

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ar

Janu

Kishan



Appendix - 01 Senate / IV

Approved in 62<sup>nd</sup> AC  
23 Nov 2016

**Master of Planning**  
(Specialisation in Housing)  
Scheme of Examination - 2016

	No. of Hours / Week	No. of Credits	Internal Assessment Marks	External Assessment Marks	Total Marks
<b>FIRST SEMESTER</b>					
Integrated with 5 Planning Departments					
<b>TOTAL</b>	<b>24</b>	<b>24</b>			<b>1000</b>
<b>SECOND SEMESTER</b>					
1 Urban & Rural Housing Policies	2	2	50	50	100
2 Housing Standards, Design and Projects	2	2	50	50	100
3 Urban Land Management	2	2	50	50	100
4 Housing Finance and Project Formulation	2	2	50	50	100
5 Department Elective : (choose any one of the foll.)	2	2	50	50	100
a) Materials and Technology					
b) Infrastructure					
6 Housing Studio :	12	12	50	50	500
a) GIS Applications in Housing					
b) Housing Strategy					
<b>TOTAL</b>	<b>22</b>	<b>22</b>	<b>500</b>	<b>500</b>	<b>1000</b>
Internship of 6 weeks duration with a government-non government organization or industry.					
<b>THIRD SEMESTER</b>					
1 Real Estate and Housing Markets *	2	2	50	50	100
2 Informal Housing, Slums and Poverty	2	2	50	50	100
3 Disasters and Settlements	2	2	50	50	100
4 Departmental Elective : (choose any one of the foll.)	2	2	50	50	100
a) Inclusion and Community Participation					
b) Housing for Special Areas and Groups					
5 School Level Elective : (choose from any other Dept.)	2	2	50	50	100
6 Housing Studio :	12	12	50	50	500
a) GIS Applications in Housing					
b) Housing Project Formulation					
<b>TOTAL</b>	<b>22</b>	<b>22</b>	<b>500</b>	<b>500</b>	<b>1000</b>
<b>FOURTH SEMESTER</b>					
1 Housing Legislation and Governance	2	2	50	50	100
2 Global Perspectives on Housing *	2	2	50	50	100
3 School Level Elective : (choose from any other Dept.)	2	2	50	50	100
4 Housing Studio : Thesis	10	10	350	350	700
<b>TOTAL</b>	<b>16</b>	<b>16</b>	<b>500</b>	<b>500</b>	<b>1000</b>
<b>GRAND TOTAL</b>	<b>84</b>	<b>84</b>			<b>4000</b>

\* School Level Elective of Department of Housing : students from other PG departments can join these courses (Not more than 10 students, on first come first served basis, can be extended to more number of students, depending on classroom size.)



div 2.10

**Master of Planning**  
(Specialisation in Housing)  
Scheme of Examination - 2016

Now proposed in  
Senate Meeting  
16 Sept 2017

Subject	No. of Hours / Week	No. of Credits	Internal Assessment Marks	External Assessment Marks	Total Marks
<b>FIRST SEMESTER</b>					
Integrated with S.Planning Departments					
<b>TOTAL</b>					
<b>SECOND SEMESTER</b>	24	24			1000
1. Urban and Rural Housing Policies	2	2	50	50	100
2. Housing Standards, Design and Projects	2	2	50	50	100
3. Urban Land Management	2	2	50	50	100
4. Housing Finance and Project Formulation	2	2	50	50	100
5. Department Elective : (choose any one of the following)	2	2	50	50	100
a) Materials and Technology					
b) Infrastructure					
6. Housing Studio	12	12	50	50	100
c) GIS Applications in Housing					
d) Housing Strategy					
<b>TOTAL</b>	22	22	50 200 500	50 200 500	500 1000
Inter-ship of 6 weeks duration with a government-non government organization or industry.					
<b>THIRD SEMESTER</b>					
1. Real Estate and Housing Markets	2	2	50	50	100
2. Informal Housing, Slums and Poverty	2	2	50	50	100
3. Disasters and Settlements	2	2	50	50	100
4. Departmental Elective : (choose any one of the following)	2	2	50	50	100
c) Inclusion and Community Participation					
d) Housing for Special Areas and Groups					
5. School Level Elective :	2	2	50	50	100
- Housing Dept. students - choose subject from other Departments					
- Other Dept. Students - Disasters and Settlements					
6. Housing Studio	12	12	50	50	100
c) GIS Applications in Housing					
d) Housing Project Formulation					
<b>TOTAL</b>	22	22	50 200 500	50 200 500	500 1000
<b>FOURTH SEMESTER</b>					
1. Housing Legislation and Governance	2	2	50	50	100
2. Global Perspectives on Housing	2	2	50	50	100
3. School Level Elective :	2	2	50	50	100
- Housing Dept. students - choose subject from other Departments					
Other Dept. Students - Housing Legislation and Governance					
4. Housing Studio : Thesis	10	10	350	350	700
<b>TOTAL</b>	16	16	500	500	1000
<b>GRAND TOTAL</b>	84	84			4000