E – N E W S L E T T E R

School of Planning and Architecture
Vijayawada

January 2014

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Chairperson's Desk

Dr. S.K. Khanna, Chairperson of **BoG, SPAV**

It has been a rewarding experience to be the chairperson of SPA Vijayawada. The school has progressed immensely since its inception in 2008 in terms of the academic strength, quality and visibility in the academia.

In the future, I look forward to the school becoming a nodal centre for the generation and dissemination of knowledge in the fields of Architecture and Planning.

It is wonderful to know that the school is expanding the number of post-graduate courses and will produce quality research in the future. It is also encouraging to see that the number of international collaborations with other universities is increasing. This will give our students an international exposure and help broaden their horizons.

I wish SPA Vijayawada to succeed in all its endeavours.

Jai Hind…

Dr. S.K. Khanna

Brief Profile of Dr. S.K. Khanna

Dr. Khanna the Chairperson of the SPA Vijayawada has an experience over 40 years in the field of Highway and Transportation Engineering in India mainly at IIT Roorkee from where he graduated and was honoured with DOCTOR OF ENGINEERING in 1994. He served as Head of the Civil Engineering Department in IIT Roorkee and was also as a Honourary Professor at JNU, Jamia Milia University and University of Delhi.

He has also received honour's Causa Doctrol degree also from various other Indian universities namely Rohil Khand, Avadh, Kanpur , Lucknow, Nagarjuna and so far he has been the only Indian to be honoured with the degree of Doctor of Science (Honoris Causa) by the Moscow Automobile and Highway Engineering University.

He has published over 245 research papers and supervised 22 Doctoral (Ph.D.) theses. Prof. Khanna organized, a large number of national and international conferences, summer schools and advanced courses for professional engineers as a key resource person. He has also actively participated in various International Conferences and other professional assignments in USA, Canada, UK etc.

Fellowships
He is fellow member of many professional societies like

- FELLOW OF ACADEMY OF ENGINEERING (INDIA)
- FELLOW OF NATIONAL ACADEMY OF SCIENCES
- FELLOW OF INSTITUTION OF ENGINEERS (INDIA)

Awards
He has received many professional awards and recognition from Institution of Engineers, Indian Roads Congress and Khosla Research Awards, Jawaharlal Nehru Birth Centenary Award of the Indian Science Congress. The National Foundation of Engineers, New Delhi and the Institute of Town Planners, India award etc.

Appointments
The Government of India appointed him as Chairman of Project Steering Groups, Board of Governors, Indian Institute of Management, Ahmedabad, Research Council of the Central Road Research Institute, New Delhi.

Prof. Khannna was a Trustee member of Asian Institute of Technology, Bangkok nominated by Government of India.

Congratulations to Prof. Khanna Sir for his contribution and excellence towards development of higher education system in India

Chief Editor:
Prof. N. Sridharan, Director, SPAV

Editor:
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Director's Message

Prof. N. Sridharan, Director of SPAV

Since I joined, my collective efforts with the efficient academic and administrative team at SPAV have been to steer the school into becoming a centre for excellence in teaching and learning in the fields of Planning and Architecture.

Vision

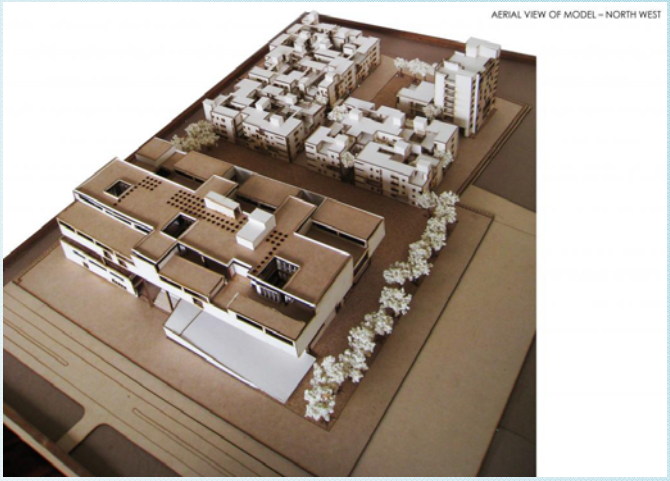
Our vision is to drive the School towards sustainable practices and evolve a knowledge base that is progressive and dynamic. As a premier national institution, we symbolise our beginning into the era of Planning and Architecture, imparting and disseminating strong principles of education and research that is not only state-of-the-art, but also grounded and inclusive of local contexts.

India is facing multiple challenges in the present and coming years. Most of them relate to rapidly globalizing economy, growing inequality and deteriorating environment. In this scenario the disciplines of Planning and Architecture need to be more inclusive and sustainable. For this the students need to be sensitized and exposed to wide range of issues spanning different disciplines. Accordingly we will strive to create a sound academic environment by:

- Engaging multi-disciplinary faculty members who train the students to think and act critically.
- By international collaboration with other universities.
- Foster a research and writing environment by forming reading & writing groups and through a wide range of publications such as newsletter, journals and books.

Campus Development

A plan of proposed SPAV Campus on 9.6 acres land at ITI road Vijayawada is shown below. In the first phase of concept scheme for the Campus with an estimated project cost of INR 130 Crores was approved by the Board of Governors during their meeting held on January 08, 2013.



Academic Progress

The school started new academic programs

M.PLAN in Environmental Planning and Management
M.ARCH in Sustainable Architecture
Doctoral Programme in Planning and Architecture

MoU Singed by the School

The school has signed MoU with many universities:

1. Tripartite MoU between SPA Vijayawada, SPA Bhopal and SPA Delhi. This is an historic event for all the SPAs combined together.

2. **MoU with University of Florence, Italy**

3. **MOU with University of Cologne, Cologne, Germany**
4. **MOU with Norwegian University of Science and Technology** (NTNU) at Trondheim, Norway
5. **MoU with University of Tours, France**
6. **MoU with Ecole Bleve Paris: International Design School Exchange Program, Paris, France**
7. **MoU with RMIT University, Melbourne, Australia is in Progress**

Honour of the School

Prof. N. Sridharan, Director of the School has been honoured by H. E. Governor, Govt. of Karnataka in the University of Mysore.

Prof. Ramesh Srikonda, Professor of the School has been honoured with Rastriya Gourav Award by India International Friendship Society (IIFS). New Delhi

Release of Working Paper from Planning Department

The first working paper of SPA Vijayawada has been released by the Chairperson at a function in SPA Vijayawada.

"City of Victory - Vijayawada: City Profile"

N. **Sridharan,** Sohail **Ahmad**, D Maqbool **Ahmed**, Debolina **Banerjee**, and Prasanth **Vardhan**

Abstract

Vijayawada, known as the city of victory historically, is a transit node located in the southern part of India in the state of Andhra Pradesh. Vijayawada was the third largest metropolis within the state and a big agglomeration as well. Based on the analysis of the secondary data and stakeholder's discussion, we found 'Vijayawada' has three fold issues to be tackled to become a major metro in the region. These are inclusive spatial development (integration of core and periphery, and inclusion of slum areas in the development process), inter and intra city traffic conflicts and poor infrastructure (especially basic needs). The authors after analyzing the strengths and weaknesses of the current spatial development in Vijayawada came out with the following suggestion. These include among other things: Inclusive spatial planning for settlements and infrastructure, proper interface between inter and intra city traffic through road and grade segregation, appropriate junction design, and infrastructure provision equitably and efficiently.

Full working paper, please visit: www.spav.ac.in

Studio Program Focus - Planning Department

Srirangam - Area Development Planning – III year V Semester B.Planning (Aug-Dec 2013)

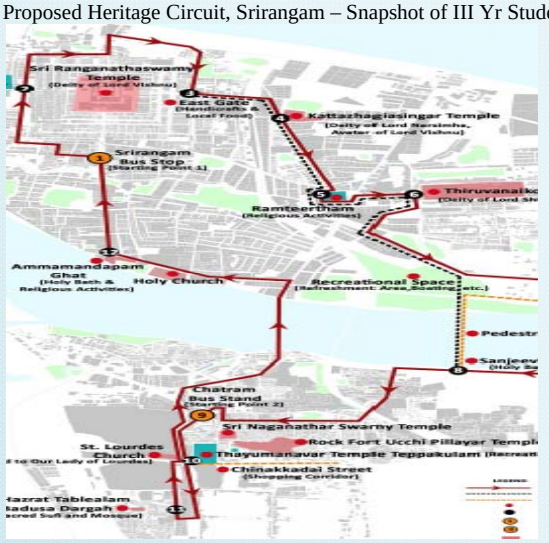
Students getting aware of the local context at Srirangam by local experts

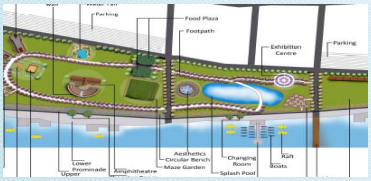
Reconnaissance of Temple Precincts

Stakeholder Discussions

Students cross verifying facts in field, Srirangam

Proposed Heritage Circuit, Srirangam – Snapshot of III Yr Students' output.





Riverfront Development as multifunctional recreation zone – Snapshot of III Yr Students'

Charterisation of Srirangam: Overlay Analysis – Snapshot of III Yr Students' output.

Analysis of Land Use, Srirangam – Snapshot of III Yr Students' output.

Canal Appreciation and Outline Development Planning & Design Studio – City: Vijayawada, Andhra Pradesh - Outline

M. Plan (Environmental Planning), Semester I – 1st Year, Department of Planning, Time Period: August- December, 2013

Students surveying

Solid waste dumped along canal

Stakeholder survey

Ragpicking along canal front

Energy Management Planning & Design Studio – City: Dholpur, Rajasthan - Outline

M. Plan (Environmental Planning), Semester II, 1st Year, Department of Planning, Time Period: January- April, 2014

Block/Sub Regional Level Planning and Design Studio: Kolhapur District; Outline

Semester VII-4th Year, Department of Planning, Time Period: August- December, 2013

Stake holder interview

Meeting with Govt. Official

Final Jury

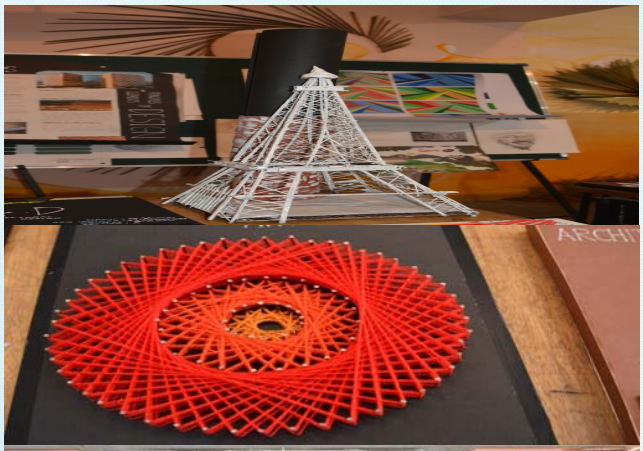
Presentation at International Seminar

Urban Development Planning – City Level: Studio Outline

Semester VI-3rdYear, Department of Planning, Time Period: January- April, 2013

Internal Jury & Exhibition of Studio Works – Architecture

1st Year **Architectural Design Studio**, held on December 3, 2013.



5th Year B. Arch STUDIO-2013

The Studio was focussed on Urban Design along the riverfronts.

4th Year Architectural Design Studio (Jan-May 2013)

Project: High Density (500 ppHa, i.e 1500 persons) mass housing at Ajit Singhnagar, Vijayawada

A Mass Housing project was proposed on a 7-acre site situated at Ajitsinghnagar, Vijayawada. The site visibly falls along the proposed growth corridor of Vijayawada. Design was to focus on Passive Design methods/techniques to make the entire development energy efficient

Central Library

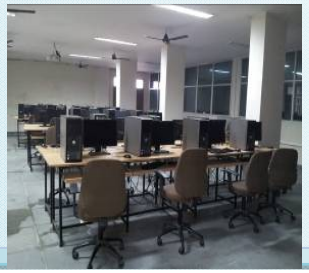
The Library of SPAV started functional since 2008. It is an integral part of academic system whose primary function is not only to serve students, researchers, faculty and staff but also to create a conducive environment for education, research and innovation.

General Information	
Seating Capacity	120
Total No. of Books as on date Feb 04, 2014	3480
Theses	88
Maps (including topo-sheets)	141
National and International Periodicals	115
CD-ROMs	78

Library provides Circulation, Reference New Arrivals, CD-ROM, Photocopy, Scanning, Electronic Document Delivery and Internet Browsing services.

Other Facilities

School extends en-number of facilities to academia like computer lab and sports facilities.



Workshops/Seminars/Conferences Organised by the School

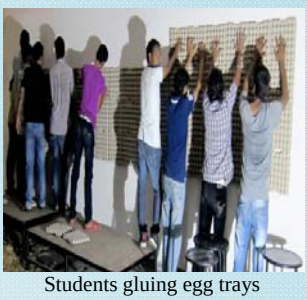
Seminars/Workshops

Topic	Dates	Organised By
International Workshop on Urban Design titled "City through its Riverfronts"	November 20, 2013	Dept. of Architecture, SPAV
International Seminar on Corridors, City Regions and Cities in Urban and Regional Development	January 22, 2013	Dept. of Planning, SPAV
National Workshop of Planning Schools on Revision of UDPFI Guidelines	January 30	SPA Delhi, Bhopal and Vijayawada

Creating Exhibition Hall cum Auditorium

Cheapest and locally available materials like egg trays, bamboos, straws, palm leaves, etc used to create an acoustical atmosphere.

Initiated by group of B.Arch Final year student



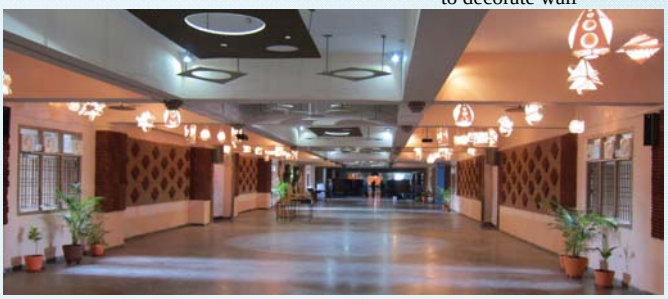
Students gluing egg trays

Spraying colour with vacuum cleaner painting wall with brush

painting wall with brush

Painting Folk Art motifs on wall

Coconut and Palm leaves were used to decorate wall



Completion of Hall

Stage Ready

Conference in 2014

National Conference on **"Scholarly Communication and Intellectual Property Rights (SCIPR-2014)"** scheduled to be held on **August 04-05, 2014** at SPA Vijayawada - Full Details : www.spav.ac.in