NEWSLETTER

SPAV DEPARTMENT OF PLANNING

JUL - DEC
2019
VOLUME I

ABOUT SPAV

School of Planning and Architecture Vijayawada is one of the 3 institutes of national importance, under the Ministry of Human Resource Development, Government of India, offering education in the fields of Planning and Architecture. The School has distinguished itself and has grown as a role model in professional education offering undergraduate, post graduate and doctoral programmes, while at the same time fostering research of a high order in Planning and Architecture. All efforts are being made to develop the School as a place of excellence for innovation, creativity and research.

OUR STRENGTH:

DEPARTMENT OF PLANNING

STUDENTS

83	100	183
B.Plan	M.Plan	Total

FACULTY

10	03	01
Assistant Professors	Associate Professors	Professor

DEPARTMENT OF PLANNING

The Department of Planning at SPAV envisions the furthering of existing knowledge and creation of new frontiers in the field of 'Development and Planning' through providing enabling education and training, cutting edge research and professional consultancy in the region. Since 2008, the Department of Planning is involved in shaping young minds through quality education towards making them technically equipped, socially responsible and ethical professionals in the field of Planning.

OFFERED COURSES

Undergraduate Degree Programmes
- B.Planning - Bachelor of Planning

Postgraduate Degree Programmes
- Master of Environmental Planning Management (MEPM)
- Master of Urban and Regional Planning (MURP)
- Master of Transportation and Infrastructure Planning (MTIP)

Doctoral Programme
- PhD- Doctoral Programme in Planning

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PEDAGOGY & OUTREACH

The predominant pedagogical approach of SPAV is learning by doing. Accordingly, the four planning programmes have an array of subjects which can be segregated as theory subjects, studio subjects and lab based subjects. Out of the 35 periods per week, the majority portion is assigned to Planning Design Studio with the balance delving into theory courses.

Prof. Dr. Minakshi Jain
Director, SPAV

Director's Message

Over the past year, SPAV has excelled in several performance parameters: providing qualified human Resource, campus development, research, consultancy and active involvement with government organisations on built environment and spatial development aspects. One of the college's major milestones was achieved when we moved the academics and administration to the newly built permanent campus. The academic semester July- December has been particularly eventful for the following reasons: conduction of the fourth convocation, recruitment of full time faculty on a permanent basis and several workshops and training programmes. At SPA Vijayawada, we constantly envision to place ourselves at the highest pedestal of academic excellence in planning through innovation, creation, inclusion, acquisition and dissemination of knowledge using sustainable local and global practices. This newsletter covers the activities and achievements of the Department of Planning during the academic semester of July- December 2019 with the hope that, in the years to come, it will build up on its strengths in order to conquer greater challenges and reach greater heights.

Dr. Adinarayanane R
Head, Dept. of Planning,
Dean(Faculty Welfare), SPAV

HOD's Message

The pace of globalization and rapidly increasing integration and interaction between societies means schools of Planning around the world must be concerned with both global and local issues, and making projections that suit global and local conditions. Urban and Regional Planning is a dynamic, cutting edge field that is a conflux of a variety of fields. Planners use a range of skills from critical thinking to spatial analysis towards environmental sustainability assessment, in order to understand and improve our world. The SPAV Masters programmes prepares students to play a significant role in creating a desirable future by confronting the complex physical and social challenges in our cities and regions. These are professional programs which are gateways to opportunities in planning and planning-related practices including work in the private, public, and non-profit sectors. Planners hold positions in all aspects of planning and development, such as environmental sustainability, economic development, housing production and policy, land use and transportation planning, international development planning, and community organizanisation and development.

Orientation Programme for first year UG and PG Students

An orientation programme was organised by SPA, Vijayawada for newly enrolled UG and PG students on 7th August, 2019. The programme highlighted the facilities and resources available for students to utilize and briefed the students about life at SPAV.

Student Enrollments

The student intake of the Department of Planning, during the academic year of 2019- 2020 was 30 students for the B.Plan course and 20 students each for the various M.plan courses. Out of this a total of 22 and 51 students were admitted to the courses respectively in this academic year.

B.PLANNING - 22nos.

M.PLANNING - 51nos.

10	28	13
Engineers	Architects	Planners

Bachelor Background

17	17	17
MURP	MTIP	MEPM

Specialization

26	25	32
GATE	JET	Both

GATE / JET Qualified

STUDENT DIVERSITY

Andhra Pradesh and Telegana	32	4	Maharastra
		5	Madhya Pradesh
Assam	1	4	Odisha
Delhi	1	1	Rajasthan
Haryana	2	9	Tamil Nadu
Karnataka	4	3	Uttar Pradesh
Kerala	3	2	West Bengal
Abu Dhabi	1	1	Doha

Syllabus Revision

A syllabus revision workshop was conducted in SPAV on 27th June, 2019 with the intention of bringing about improvements and modifications in the curriculum of the M.Plan and B.Plan courses based on the suggestions given by experts who attended the workshop. The new syllabus was tailored to be student-friendly by reducing theory based subjects and instead introducing innovative and new subjects that confer with current industrial demand and trends.

Thesis Mentorship

In order to improve the quality of research, for commencement and finalization of proposal during the odd semester, AY 2019-20, thesis guides were allotted for final year students of B.Plan and M.Plan courses. In this regard, the allocated faculty shall be the student's 'Thesis Mentors' and will be responsible for helping them to filter ideas while framing their thesis proposal, which includes the background hypothesis, research questions, literature studies, aim, objectives and research methodology involved.

Doctoral Programme in Planning

The Planning Department at SPAV has a doctoral research programme since 2012 and currently has one Ph.D scholar. Doctoral studies are monitored periodically by doctoral research committees in each department.

Mr. Maqbool Ahmed is currently the first Ph.D graduate from SPAV and his research focussed on the topic of "Water Poverty".

Software Training Programmes

Students of Bachelors and Masters programmes in SPAV undergo various software training programmes (required for their particular courses) every semester, organised by the college through their collaborations with various resource persons.

"PTV VISSUM & VISSIM" Training Course

A five days software training programe on "PTV VISSIM & VISUM" (Traffic simulation softwares) was organised by the PTV group in School of Planning and Architecture, Vijayawada from August 19th - 23rd for students pursuing Masters in Transportation and Infrastructure planning. At the end of the course the students were able to independently build network models and perform common evaluations.

Software Training on "CUBE"

A five days software training programe on "CUBE" (Transportation and land-use modeling software) was organised by the City Labs group in School of Planning and Architecture, Vijayawada from september 3rd - 7th for students pursuing Masters in Transportation and Infrastructure planning. At the end of the course the students were able to analyse the transportation networks and gauge thier capacities in context to the landuse.

State of the Art Laboratories

GIS and Transportation Lab

The lab was setup with an intention to equip the students of planning with the concepts of geo-informatics and computing skills in the relevant software, associated scientific tools, and their relevance and applicability in the field of urban, environment and transportation planning. Currently the lab is utilized by all planning students, as a part of their planning and design studio exercises.

Environmental Lab

The lab was setup with an intention to equip the students of planning for quantifying environmental changes with respect to urban dynamics - familiarisation of relevant instruments and procedures related to checking of quality of air, water, soil, noise etc. Currently the lab is utilized by the Environmental Planning and Urban and Regional Planning degree programs for their planning and design studio exercises.

Softwares Taught

1. ERDAS 2016 - Intergraph Geospatial Education Bundle
2. ERDAS 2016 - Imagine Photogrammetry Bundle
3. EIGAP Plus
4. Arc - GIS
5. Q - GIS
6. CUBE
7. VISSIM & VISSUM

GIS & Transportation Lab

The GIS & Transportation Lab, is equipped with 35 high-end workstations installed with licensed software such as ArcGIS Desktop, ERDAS Imagine, Imagine Photogrammetry CUBE, Vissim and Visum as well as GPS instruments, topo mouse, stereoscopic equipment, wireless glasses, safety jackets and traffic batons to cater to data analysis requirements.

Urban Green Space Analysis
Using Geospatial Techniques For City Planning

Guest Speaker: Dr. RAAJ Ramsankaran

A one day seminar on "Urban Green Spaces using Geo-spatial Techniques for City Planning" by Dr. RAAJ Ramsankaran, Associate Professor and head of Hydro Remote Sensing Applications Group (H-RSA), Department of Civil Engineering, Indian Institute of Technology, Bombay, was arranged by Department of Planning at the School of Planning and Architecture, Vijayawada on Friday, August 20, 2019 for the final year students of Master of Planning (MURP & MEPM), Bachelor of Planning, M.Arch (Sustainable Architecture) and M.Arch (Landscape Architecture) programmes.

The session included a special lecture followed by a hands-on training session with the faculty and students at GIS Lab, Department of Planning, SPA, Vijayawada.

Urban Design & Public Space Management

Guest Speaker: Uwe S. Brandes

A Special Lecture on "Urban Design and Public Space Management" by Uwe S. Brandes, Professor of Practice and Faculty Director, Urban and Regional Planning Program, Georgetown University was arranged at School of Planning and Architecture, Vijayawada on Friday, August 2nd 2019.

Uwe S. Brandes is an Urban Planner and Designer with over 25 years of experience in the planning, design and construction of new buildings, infrastructure and the extended urban landscape. As a part of lecture series hosted by U.S. Consulate General Hyderabad, Prof. Brandes gave a special lecture followed by a discussion with Faculty and Students (of M.Plan - URP and EPM), B.Plan (Final Year), M.Arch (Sustainable Architecture) and B.Arch (Final Year)) at SPA, Vijayawada.

Sustainable & Healthy Communities
(WTPD 2019)

Guest Speaker: Dr. Eric Leclerc

On November 7th 2019, as part of the World Town Planning Day 2019, SPAV organized a half-day seminar with the theme "Sustainable & Healthy Communities". Prof. Dr. Eric Leclerc, visiting Professor (as a part of CIII cell) from University of Lille, France, was the guest speaker for the event. Examples of sustainable town planning implemented in France were elaborated on and staff presentations on the theme were given, followed by a discussion with the faculty and students at SPA, Vijayawada.

Climate Change & Vulnerability of Coastal Infrastructure

A special lecture on "Climate Change and Vulnerability of Coastline and Coastal Infrastructure ", by Dr. Komali Kantamaneni, Research Fellow, Maritime, Technology and Environment, Solent University, United Kingdom, followed by interaction session was arranged at the Exhibition Hall, SPAV ON November 30, 2019.

Training & Placement Cell

The Training and Placement Cell of SPAV, since its establishment in the year 2014, has been trying to constantly improve the employability and placement of our students.
Students of SPAV are well-placed across the nation in various capacities. A large number are working as corporate consultants spread all over India. A section of the alumni have established their own firms. Many of the SPAV graduates have moved to foreign shores for higher education and are settled therein.
Few notable companies/ institutions where our students are working/ have worked include:

1. Andhra Pradesh Capital Region Development Authority (APCRDA), Vijayawada
2. Amaravathi Development Corporation (ADC), Vijayawada
3. National Institute of Rural Development &Panchayat Raj (NIRDPR), Hyderabad
4. E-GIS
5. Kakinada Smart City corporation, Kakinada
6. IBI Group
7. GMR India
8. Seeds India
9. Infrastructure Leasing &Financial Services Limited (IL&FS)
10. IPE Global
11. Jones Lang LaSalle (JLL)

On - Campus Placement Session - 2019

This year government organizations and private companies including GMR India, APCRDA, NIRD & PR etc. visited SPA Vijayawada to conduct on-campus placements. The students have been placed through both on-campus and off-campus placement sessions. Moreover, the faculty offers guidance and support to these young professionals to start their own offices.

Placement & Higher Studies

UG [4 Year Program(s)]: Placement & higher studies for 2019 graduates.

B.PLANNING

30	No. of first year students intake in the year
27	No. of students admitted in the year
23	No. of students graduating in minimum stipulated time
09	No. of students placed
12	No. of students selected for higher studies

85% Pass % | 33% Placement % | 3.2L Med. Salary

PG [2 Year Program(s)]: Placement & higher studies for 2019 graduates.

M.PLANNING

60	No. of first year students intake in the year
51	No. of students admitted in the year
51	No. of students graduating in minimum stipulated time
45	No. of students placed
02	No. of students selected for higher studies

100% Pass % | 88% Placement % | 6.0L Med. Salary

Practical Training

The students of the B.Plan and M.Plan programmes, SPAV have completed their practical training of 4 - 6 weeks during the summer vacations in various planning organisations and corporations (both government and private) as part of their academic course completion requirement. The compulsory training shall be deemed as completed only when the Department of Planning examines the work of each student and declares it to be "Satisfactorily Completed". The students after successful completion of their internships were required to submit the internship report along with the Performance Appraisal form (evaluated and signed by their employers) and copy of internship certificate to the department. The internship works were examined by the faculty, DoP.

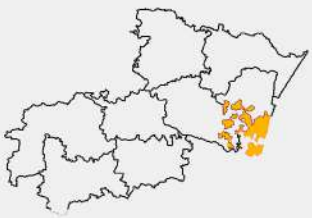
Few of the organisations where our students underwent thier practical training/internships are as follows:

1. GHMC, Hyderabad
2. Kozhikode Municipal Corporation, Kerala
3. Town and Country Planning Department, Varanasi, UP
4. DT&CP, Guntur
5. SPA Vijayawada, A.P.
6. Kolkata Metropolitan Development Authority, Kolkata
7. Ernst & Young, Hyderabad
8. Town and Country Planning Department, Solan, Himachal Pradesh
9. GMDA (Guwahati Metropolitan Development Authority), Guwahati, Assam

SEMESTER I	SEMESTER III	SEMESTER V	SEMESTER VII
STUDIO TOPIC			
Graphics and design exercises Measured Drawings Street Study - Vijayawada	Site Plan for Housing Colonies under various Government Schemes - Vijayawada	Area Development Plan for Tambaram, Chennai, TN	District Development Plan 2041 - Indore, MP
INTRODUCTION			
The studio is designed to inculcate in the students the knowledge of basic technical drawing, visualization methods as well as presentation and representation techniques through a series of exercises.	The studio aimed at exposing students to the site planning processes and analyses, housing typology studies, built environment, assessment of infrastructural demands, with it's components, standards and building regulations.	The studio aimed at creating an understanding of the planning and development process of an ADP at the lowest planning level of a city/town, i.e., the zonal/neighbourhood level, with an intention to integrate the plan within the context of the master plan.	The studio aimed to assess the source richness, development, industrialization and linkage potential of regions in order to address the concerns and provide a boost in the form of creation of the broad economic growth with respect to availability of resources.
FOCUS			
• Principles of geometry • Understanding of scale and proportions • Area appreciation studies	• Site planning process and design principles • Housing layout analysis and survey methods • High-density development	• Conception of a sense of belonging towards the lake and the neighbourhood itself. • To improve the condition of the lake .	• Sector-wise spatial distribution of development • Commercial and Economic aspects of development
AREA OF STUDY			
 • Vijayawada (M), Andhra Pradesh	 • Vijayawada (M), Andhra Pradesh	 • Tambaram, Chennai, TN	 • Indore District Madhya Pradesh
OUTCOME			
The studio elaborates into eight cognitive modules to delve deeper into the aspects of geometry, drawing and presentation and focuses on upgrading their visual and observational skills.	Design targets were arrived at through benchmarking studies and scenarios of high-density development and infrastructure demands were assessed. The end product allowed the students to learn how utilities plans/ drawings are developed for the layouts.	The key issues were analysed and town vending plans, redistribution of formal sector, parking and pavements for pedestrian friendly CBD streets, vehicular restrictions and dedicated parking etc. were recommended aimed at leading towards better infrastructure and social living.	Analysis was done at three levels – gram panchayat, block and district. In line with this the economic projections and land allocation for urbanization was carried out using statistical methods majorly focussed upon reducing the block disparities.
STUDIO COORDINATORS			
Ar. Jivantika Satyarthi **Mr. Albert Hefferan** **Dr. Natraj Kranthi**	**Mr. Piyush Kumar** **Dr. Natraj Kranthi**	**Mr. Ankit Kumar** **Dr. Abdul Razak Mohamed**	**Mr. Aman Rajput** **Mr. Albert Hefferan** **Mr. Rajeev R**

B. PLAN

PLANNING
ODD SEMESTER
STUDIO '19

M.INT. - SEMESTER I	MURP - SEMESTER III	MTIP - SEMESTER III	MEPM - SEMESTER III
STUDIO TOPIC			
Area Appreciation Exercise - Vijayawada, AP Outline Development Plan 2041 - Narsapur & Palakollu, AP	Regional Development Plan 2041 - Puducherry, UT	Feasibility Study for Aeria Ropeway between- Tirupati & Tirumala, AP Public Transport Plan 2039 - Tirupati, AP	Regional Environmental and Development Plan 2031 - Salem, TN
INTRODUCTION			
The studio introduced a series of exercises ranging across scales from site planning to outline development plans aimed at allowing students to explore the various components, techniques, tools and methods involved in the process of preparation of plans.	The studio aimed at helping the students understand the city components of a master plan and impart techniques, tools and methods for the preparation of a CDP for a city whilst enabling them to understand the context, complexities, situations and emerging issues of the region.	The predominant objective is to strengthen the capabilities of the students in conducting feasibility studies using the application of statistical, micro and macro simulation softwares and thus plan, design and institutionalize the transport infrastructure projects with concepts and strategies.	The studio aimed at applying environmental planning techniques for baseline studies, assessment of environmental status and impacts at a regional level to create an Environmental Development Plan of the study region at a District scale.
FOCUS			
• Area appreciation studies • Site planning techniques and analysis methods	• Tourism development • Sustainable development	• Travel demand modelling with focus on public transportation • Aerial Ropeway transit appreciation	• Regional environmental management and development • Natural resource-based planning for climate change adaptation focusing on water
AREA OF STUDY			
 ● Narsapur, ● Palakollu, West Godavari Dist., AP	 ● Puducherry, (UT)	 ● Tirupati, Chittoor District, AP	 ● Salem District, Tamil Nadu
OUTCOME			
A critical analysis of the existing landuse plan was done to assess the existing needs and scenario of the regions. Interventional and spatial proposals were given for sustainable development of the neighbourhoods and towns chosen.	Based on the critical analysis of the previous master plan and the existing landuse a proposed landuse plan was prepared. Various spatial proposals were given for sustainable development of the city keeping in view socio-economic and environmental requirements of the city.	Based on assessment of the existing transport systems and travel demand, the feasibility of ropeway for Tirumala and Public Transport Plan for Tirupati was prepared. The proposals were given considering the financial and economic gains of the projected system.	An environmental management plan was prepared which details out eco-centric balanced development strategies, climate resilient natural resource management as well as economic development strategies, with their basic concepts rooted in the idea of water security.
STUDIO COORDINATORS			
Mr. Valliappan AL **Ms. Ekta**	**Mr. Prasanth V** **Dr. Adinarayanane R**	**Ms. Naina Gupta**	**Mr. Rajeev R** **Dr. Ayon K Tarafdar**

M. PLAN

Progressive internal assessments were carried out throughout the semester and the final examination completed in November, including written, viva-voce and jury exams. The semester included one 10-day site visit which was completed in August - September.

Books:

Energy Efficient Sustainable Development

Global to Local Perspective

Author: Dr. Adinarayanane R

A book titled "Energy Efficient Sustainable Development: A System Dynamics Approach" by Dr. Adinarayanane R, Associate Professor and Head, Department of Planning, SPAV was published in March 2018 with the aim of examining urbanization whilst considering the city as not merely an engine of economic growth, but as possessing more dynamic functions that influence the rate of energy consumption.

Multi-culture is Essential for Tourism Industry:

Global to Local Perspective

Author: Dr. Abdul Razak Mohamed

The chapter titled "Multi-culture is essential for Tourism Industry: Global to Local Perspective" by Dr.Abdul Razak Mohamed, Professor, Department of Planning, SPAV was published in the book "Contemporary Human Resources Management in Tourism Industry" in 2019 with the aim of exploring the diversity in culture in terms of language and social symbols and how it translates from global to local through oral, written and gestural form in the tourism industry.

Journals:

Factors Affecting the Day lighting performance in the Residences

Authors: Mr. Kranti Kumar Myneni, Dr. Natraj Kranthi

The paper "Factors Affecting the Day lighting performance in Residences" by Mr. Kranti Kumar Myneni, Assistant Professor, Department of Architecture, SPAV and Dr. Natraj Kranthi, Associate Professor, Department of Planning, SPAV was published in the International Journal of Recent Technology and Engineering (IJRTE) in 2019.

Green and Blue Infrastructure to Regulate Thermal Comfort in High Density City Planning

A Case of Navi Mumbai, India

Authors: Dr. Adinarayanane R, Ms. Anusha Roy,

The paper "Green and Blue Infrastructure to Regulate Thermal Comfort in High Density City Planning: A Case of Navi Mumbai, India" by Dr. Adinarayanane R, Associate Professor and Head, Department of Planning, SPAV and Ms. Anusha Roy, SPAV was accepted for publication and presented at the 55th ISOCARP World Planning Congress- Beyond the Metropolis at Jakarta-Bogor, Indonesia in September 2019.

Guest Lectures

- Mr. Bhaskar Gowd, Assistant Professor, SPA Delhi, delivered a special lecture on:
  - Smart Mobility
  - Economic and Financial Evaluation of ITS Projects
- Dr. Samsana Krishna Rao, Professor and Head, Department of Civil Engineering, VBIT- Hyderabad, delivered a 2-day lecture seminar on Transport Infrastructure Design which oversaw the topics:
  - Airport Planning and Design
  - Rail Infrastructure Planning

Evaluating the Dynamic Functions for Sustainable Development of Chennai Metropolitan City, India

A System Dynamics Approach

Author: Dr. Adinarayanane R

The paper "Evaluating the Dynamic Functions for Sustainable Development of Chennai Metropolitan City, India: A System Dynamics Approach" by Dr. Adinarayanane R, Associate Professor and Head, Department of Planning, SPAV was published in the European Journal of Sustainable Development in 2019.

Conference Publications

- "Green Space Dynamics and Spatial Variation of Urban Thermal Environment: Implication on urban cooling in Ahmedabad city of western India", by Ms. Priya P. Patel and Dr. Adinarayanane R was presented and published in the ICFC 2019: International Conference on Future Cities betwen December 11th-13th, 2019 at IIT-Roorkee, Uttrakhand.

- "Climate Resilient Urban Infrastructure Planning: A Case of Visakhapatnam City, Andhra Pradesh, India", by Ms. Geetha Sai Prasanna and Dr. Adinarayanane R was presented and published in the ICFC 2019: International Conference on Future Cities betwen December 11th-13th, 2019 at IIT-Roorkee, Uttrakhand.

- "Application of Space Syntax, Space Matrix and Mixed Use Index for Property Tax Assessment using GIS" by Mr. Vignesh T and Mr. Prasanth Vardhan was presented in 2019 at the "Transformative Urban Governance in the Developing World and the New Agenda", 3rd Annual Research on Cities Summit, HabitatUX, Bhubaneswar.

- "Scientific Assessment of Blue and Green in improving Micro-Climate for Sustainable Built Environment in Capital City of Amaravati, Andhra Pradesh, India", by Dr. Faiz Ahmed Chundeli, Dr. Adinarayanane Ramamurthy and Dr. Minakshi Jain was presented and published in the International Conference on Sustainable Environment & Energy, ICSEE'19, organized by Centre for Sustainable Environment and Energy, Department of Civil Engineering Hindustan Institute of Technology and Science, Padur, Chennai, India.

- "Spatial Access, Integration and Inclusiveness of livelihoods in Informal Settlement of Vijayawada", by Dr. Abdul Razak Mohamed was presented during the National Conference on BINUCOM with SPAV as the all Indian and European partner Institute of the Erasmus Project European Union funded and coordinated by Donau University, Krems, Austria, at the School of Planning and Architecture, Vijayawada during 7-9th February.

Faculty
Achievements

• Dr. Adinarayanane R participated in a 6 days symposium and project meeting as part of the EU Research project BReUCom- International Capacity Building in the field of Higher Education (CBHE), during the period of August 23-September 01, 2019, at the Donube University, Krems, Austria.

• Dr. Ayon Kumar Tarafdar gave a presentation on "The Formation of Urban Heat Stress Zones and Urban Heat Islands and it's Implications on Landuse Planning in the Future" in Mumbai on December 4th, 2019.

• Dr. Ayon Kumar Tarafdar delivered an invited special lecture - half day session - on 'Computation in Planning' on October 30, 2019, as a part of a 5 day training programme organised by NIAS, IISc, Bengaluru for training mid - level officials from various government of India organisation.

• Dr. Ayon Kumar Tarafdar and Mr. Karthik G., attended symposium with a focal theme on 'Informality and Resilience to Climate Change' organised by Danube University, Krems, Austria as a part of the BREUCOM project from October 23 - 25, 2019, and delivered a presentation on 'Traditional Settlement Design in Hilly Regions with specific focus on earthquake resilience'.

• Dr.Abdul Razak Mohamed served as a visiting professor, Department of Geography and Planning, Laboratorie TVES– Territories, Villes, Environment & Socitte, University of Lille, Campus Citie Scientifique, Salle Pierre Bruyelle, Lille, France between March 16th - 31st, 2019.

• Dr. Abdul Razak Mohamed reviewed the article 70981, "Hierarchy of Effects of social Capital: An Evidence Based Study" on World Bank Aided Rural Supply in India which was published by Common Ground Research Network, University of Illinois Research Park, USA.

• Dr. Abdul Razak Mohamed edited the book "Power of Words- Experiential learning in Architectural Journalism" published in November 2019.

• Dr. Abdul Razak Mohamed was appointed as an editorial advisory group member at the Cambridge Scholars Publishing, US.

• Dr. Abdul Razak Mohamed reviewed 3 chapters from the upcoming book "Introduction to Smart Cities" by the Senior Editor of STEM, Pearson India Education Service Private Limited, Noida, Uttar Pradesh.

• Dr. Abdul Razak Mohamed was appointed as the examiner of the Ph.D theses for research scholars at the Visvesvaraya National Institute of Technology (Nagpur), Guru Ramdas School of Planning (Amritsar) and at the Jawaharlal Nehru Architecture and Fine Arts University (Hyderabad) in 2019.

• Mr. Rajeev R delivered an expert lecture on 'Sustainable Urban Systems' from the context of SDGs, as a part of the International Training Programme on 'Integrated approach to Climate Change Policy Development and Financing for effective implementation of SDGs' organized by EPTRI, Hyderabad under the ITEC by the Ministry of External Affairs, GOI on March 23, 2019.

Research and Consultancy

Ongoing Projects

• Revision of Town and Country Planning Act for Directorate of Town and Country Planning (DTCP,) , Andhra Pradesh (AP RUPA, 2020).

• GIS based Masterplans for AMRUT towns Bhimavaram and Eluru for Directorate of Town and Country Planning (DTCP), Andhra Pradesh.

• European Union Research Project Building Resilient Urban Communities (BReUCom), funded under Erasmus + Programme of the European Union in the field of Capacity Building in Higher Education.

Completed Projects

• Grid of roads project sponsored by Chennai Metropolitan Development Authority (CMDA).

Training Programmes

A 6-day Faculty Development Programme on 'Communicating Research and Online Publications (CROP 2019) was held during the period of June 17- 22, 2019 and was attended by over 70 participants wherein Dr. Sundararajan, Nanyang University, Singapore, Dr. Rajasekar and Sr. Shankar from Kongu Engineering College, Mr. Chitty Babu, IIITDM, Kancheepuram were amongst the many others who graced the event.

Students' Activities

National Service Scheme

SPAV has established two NSS units at institute level, under the Ministry of Youth and Sports, GOI. The aim of this organization is to produce socially responsible professionals who would work for the development of the nation. Staying true to it's motto "Not me, but you", 2 villages, namely, Kesarpalle and Jakkulanekkalam, A.P have been adopted. Volunteers from the architecture and planing departments have been enrolled.

No. of students enrolled from the Department of Planning: 59

NOSPLAN '19

SPAV has participated in the NOS-Plan Annual Convention regularly since 2009. This year as well, the college has sent students from the Bachelors as well as the Masters programmes for the annual event, which was held in Dehradun in December. SPAV won several prizes in the following events:

OVERALL : 3RD PLACE

FORMAL EVENTS		INFORMAL EVENTS	
1ST	Current Practices	1ST	Box Cricket
2ND	Showcase Pin-up	1ST	Virtual Gaming
3RD	Wall Painting	1ST	Say Cheese

Student Council in NOSPlan

The teams were led by students themselves, elected by means of a vote.

National Council Members:

• Training/ Internship co-ordinator	Nirwan *B.Plan 3rd Year*
• Social media promoter	Nihal *B.Plan 2nd Year*

Unit Council Members:

• Unit co-ordinator	Karthikeya *B.Plan 3rd Year*
• Unit treasurer	Vamsi *B.Plan 2nd Year*
• Associate editor	Anirudh, *B.Plan 3rd Year*

Student Achievements

- BITS PILANI HYDERABAD - SKIT COMPETITION 2019 — 3RD
- BITS PILANI HYDERABAD - RAMP WALK 2019 — 1ST
- NOSPLAN 2018 — 4TH
- WIPRO EARTHIAN 2019 — 1ST

• Ms. Bala Eashwari Macha from the Department of Planning, SPAV presented on the topic "Sustainable Strategies to Minimize Vehicular Pollutant Concentrations – A case of Vijayawada City" at the Urban Mobility India 2019 conference held in Lucknow between November 15 - 17, 2019.

• 7 students rom the Department of Planning, SPA Vijayawada presented at the ICFC 2019: International Conference on Future Cities organised by IIT-Roorkee between December 11-13, 2019 on the following topics:

Ms. Priya Patel- "Green Space Dynamics and Spatial Variation of Urban Thermal Environment: Implication on urban cooling in Ahmedabad city of western India"

Ms. Anusha Roy- "Potential for Green and Blue Infrastructure towards Climate Responsive Planning – A Case of Navi Mumbai, India"

Ms. Geetha Sai Prasanna- "Climate Resilient Urban Infrastructure Planning: A Case of Visakhapatnam City, Andhra Pradesh, India"

• Mr. Chadarajupalli Leelavamsi from the Department of Planning won the Prof. Dr. D. S. Meshram Best Thesis Award for UG students presented by the Institute of Town Planners, India in 2019.

• Four students from the Department of Planning, SPAV- Pushpendar Pandit (MTIP, 2nd Year), Rohit Anand (MTIP, 2nd Year), Nirwan (B.Plan, 3rd Year) and Rahul Roy (MEPM, 2nd Year) participated in the workshop "GIS and Universal Accessibility" held between 9 -12 December at SPA - Bhopal.

SPA Vijayawada

A Metaphorical Playground for Ideas

Author: Mr. Vinamra Bharadwaj (B.Plan, 4th Year)

The advent of college life gives you a sneak peek into what real life is. Out of the protective cocoon of school life and family, one stands on that very platform of life where a cocktail of emotions set the heart racing. Coming to SPAV was a huge deal for me. Leaving my home in Bhopal and travelling thousands of kilometres to study a course that a common Indian would generally have never heard of, seemed, at first, to be quite intimidating since there would be people from almost every corner of our nation. I had never met so many people with so many different backgrounds before. I guess that's the most interesting part about college life at SPAV; you don't come here to just learn under one dominant school of thought, there are so many new ideas to explore every day. Over time, I realized that we were all pitted, with our ideas, against each other; this was the real fun part of the course. The learning felt like a never-ending debate that was shaping me up to be a "Planner" someday. My final year of college, my current one, sets my heart racing in the very same manner as the first. But this time it's from a different place; from a cocoon that I will remember by the name of SPAV. This college will always be an integral part of my life and my teachers and friends are the support I require to elevate myself. They say time flies when learning is fun, no wonder it felt supersonic this time.

Architecture to Planning

From 'Designed by ME' to 'Plan for US'

Author: Ms. Meenu Nair (MURP, 1st Year)

A shocking revelation That's what the first semester of planning has been to me. As an architect with very radical ideas of design, aesthetics and space, stepping into the shoes of a planner has been pretty tight. And mind you, it's been just one semester. Contradicting ideas at every juncture, that's what this entire journey has been about. Idolizing architects like Zaha Hadid, Frank O Gehry and Renzo Piano and knowing that our very own architect urban planner Prof. Balakrishna Doshi received the Pritzker Prize for his collection of works that touched human lives was quite enlightening in terms of shedding light on the contrasting ideologies that I carried in my head. "His work in architecture to affect humanity is deeply personal, responsive, and meaningful." announced Tom Pritzker, Chairman of Hyatt Foundation. Planning breaks the limits of architecture and pushes it to macro scale; from focusing on an individual's interest to taking up responsibility for the entire living environment be it a region, city or village. To know the needs of the society, the needs of man in terms of space and to make our living environment 100 percent sustainable is crucial. Aesthetics is not only about visual appeal; rather, it is also about the integration of the experience that we have, the happy memories that we make and the safety/ security we feel, while and after using a space in our living environment. To me this is what planning

ZEMBLANITY unALTERED

Our Tryst with Destiny

Author: Ms Zorba (MURP, 1st Year)

Humans' feckless actions have resulted in some of the most devastating catastrophes. World Economic Forum revealed that Jakarta – the current Indonesian capital located on Java island, is the world's fastest sinking city. Jakarta is facing crises such as unprecedented population density, appalling surge in traffic congestion resulting in air pollution, and sea level rise. President of Indonesia, Joko Widodo officially announced that, after 3 years of intense research, the capital is likely to shift to Eastern Kalimantan, of Borneo island. North Jakarta has sunk to about 2.5m in past 10 years alone and is continuing to sink at a striking rate of 1- 15 cm a year.

The causative factors include excessive use of groundwater, unsustainable planning practices, global climate change and over population. The proposed new capital is home to some endangered species like orangutan and is covered with rich rainforests. The island nation is running a deficit of drinking water, leaving no choice for Jakartans other than to use groundwater illegally causing land subsidence. Moreover, due to overpopulation, the government is unable to provide infrastructure facilities that suffice the nation's needs. The relocation of Indonesia's capital is an eye opener for the world to rethink and reframe their policies to combat climate change on a larger scale.

*Zemblanity -'the inevitable discovery of unpleasant things'

Convocation IV

The fourth convocation was held on 13th September 2019 at Thummalapalli Kalakshetram, Vijayawada. The chief guest was Prof. Dr. Sudhir K Jain, Founding Director, IIT-Gandhinagar. A total of 23 B.Plan and 37 M.Plan (MURP- 19 & MEPM- 18) students graduated this year. The Gold medal for Academic Excellence was presented to Ms. Shubhika Agarwal for B.Plan; Ms. Sasmita Guru for M.Plan (URP) and Ms. Macha Bala Eshwari for M.Plan (EPM) courses. The Best Thesis Award for B.Plan was presented to Mr Chandarajupali Lelavamsi for his project titled "Municipal Bonds-an alternate source for funding Infrastructure Projects". The Best Thesis for M.Plan was awarded to Ms Pooja Geeta Auropremi (MURP) for her project titled "Planning and Management of coastal Eco-system services" and to Ms Anusha Roy (MEPM) for her project titled "Cooling effects of Green and blue on Urban micro-climate". The Department of Planning, SPAV acknowledges the efforts of the graduated students and wishes them luck for all their future endeavours.

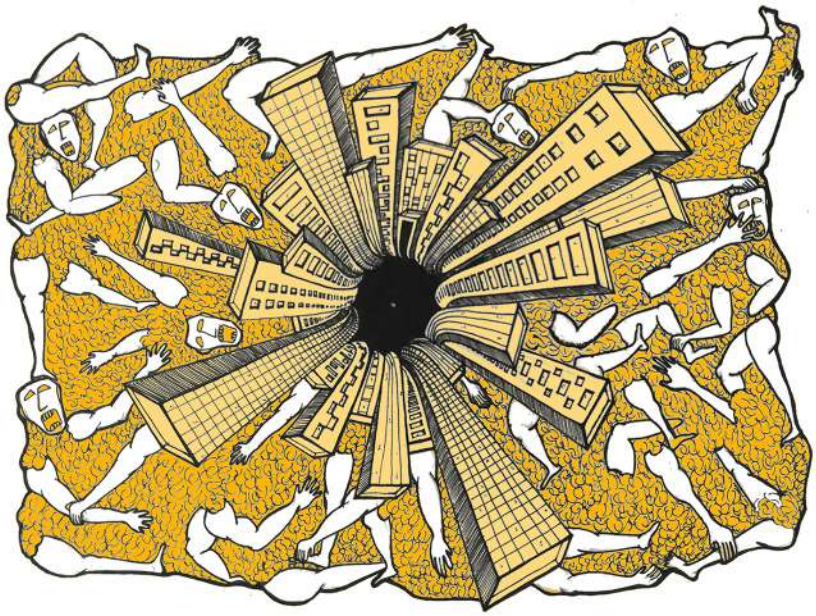
Obituary

Murali Krishnan
Student, B.Plan, I year,
Department of Planning, SPAV

The entire staff and students of SPAV offer their deepest condolences to the departed's family and pray that they have the courage to bear the irreparable loss of their dear one. May his soul rest in peace.

Things to look out for in the next semester !

- NOSPlan 2020
- SPA Sports Meet
- INYAN 2020 - Cultural Fest
- Special lectures & Workshops
- Placement Week 2020
- Thesis Presentation - Final Year M.Plan & B.Plan students



The Black-Urbs

Art: Mr. Raghavvendra G V (MURP, 1st Year)

The doodle tries to portray a city, as a black hole consuming all its resources and ultimately itself, making life inhospitable on it. The doodle in no way is depicting or referring to a particular city. It is an effort to generally capture the thoughts of the artist and is open for viewers interpreta-

DISCLAIMER:
The views expressed in this newsletter are those of the authors and do not reflect the views of the department or university.

Editor's Note & Acknowledgements

As the curtain falls on yet another semester, we the editorial team are delighted to have been part of the 1st volume of the newsletter from the Department of Planning, SPA, Vijayawada. We have attempted to present to you a multifaceted perspective of the campus, it's students and it's staff with the hopes that it may encourage it's readers to grab the opportunities presented to them. We heartily acknowledge everyone who has contributed to the making of this newsletter.

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