

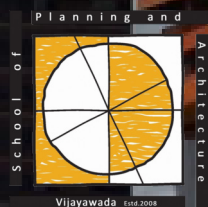
SEMESTER SPOTLIGHT

ISSUE 02

August - December 2024 / Odd Semester

SPAV

Academic Year 2024-25 / Odd Semester



ABOUT

SPAVN

SPA Vijayawada is one of the three institutes of national importance, under the Ministry of Education (MoE), 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 the professional education offering undergraduate, post graduate and doctoral programmes in the fields of planning and architecture, while at the same time fostering quality research in these domains.

SPA Vijayawada is ranked one of the best technical institutes in the country by National Survey and Ranking, India Today Group, as well as holds the 8th Position in NIRF Ranking nationwide for Architecture.

The campus is green rated and is equipped with state-of-the-art infrastructure such as hostels, central library, ICT enabled teaching atmosphere, high end digital surveillance systems, modern laboratories, spacious studios, classrooms, open air theatres, auditorium, cafeteria, outdoor sports facilities, etc.

All efforts are being made to develop the School as a place of excellence for innovation, creativity and research through the architecture and planning domains. Faculty members are constantly involved in various academics, research and developmental activities of the School.

At SPA Vijayawada, academic degree programmes are designed to address physical, socio-economic and environmental challenges, so as to achieve future sustenance and hence to cater to the specific needs of the industry and academics. The key objective of these courses is to equip the students with adequate skills required, such as :-

1. To comprehend various built environment related issues
2. To analyze physical, socio-economic, cultural, political and ecological dimensions of the human settlements.

Dr. Amogh Kumar Gupta

BOG Chair Person

Architect, Chairman, School of Planning and Architecture.



Ar. Dr. Amogh Kumar Gupta is a practicing Architect and Valuer currently based in Bhopal. Having done his graduation course of B. Architecture and subsequent post graduation course of M. Architecture (PHE including Environmental Planning) from Maulana Azad National Institute of Technology Bhopal (Formerly known as Maulana Azad College of Technology, Bhopal) in the years 1985 and 2001 respectively, he completed his Doctoral research on "Validation of Traditional Indian Knowledge of Home Building".

Being a pro-active and dynamic individual, he is an important member of many professional and social organizations and bodies. He is currently serving as the Chairman, Board of Governors of School of Planning and Architecture Vijayawada, an Institute of National Importance. He has also been appointed as an Independent Director at two places, namely, DBL Infrastructure (Dilip Buildcon Limited), a pioneering company at national level in the field of Infrastructure Development; and Satna Smart City Project for the city of Satna in Madhya Pradesh.

Having a strong inclination and flair for academia, he has previously been associated with many educational bodies and has been an active member of the Board of Governors of several Institutes of national acclaim and importance like the Maulana Azad National Institute of Technology Bhopal, the School of Planning and Architecture Bhopal, Samrat Ashok Technology Institute Vidisha, M.P. Chairman Sub Committee Indian Architectural Heritage in NiScPR (under CSIR, DST). He has also held many prominent positions in the past, the most noteworthy being former Chairperson, Board of Governors, School of Planning and Architecture, Delhi; National Junior Vice-President of the Indian Institute of Architects; Council Member (representing Madhya Pradesh) and Executive Committee Member in the Council of Architecture, India; Chairman of Discipline Committee of the Council of Architecture, India and President of Vigyan Bharati Madhya Bharat pranth.



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From the Director's Desk



As we conclude the Semester, I take immense pride in reflecting on the growth, energy, and excellence that have marked these past few months at SPA Vijayawada. This semester has been defined by renewed momentum—one that has manifested in both academic rigor and the vibrant culture of learning that thrives within our campus. We witnessed a series of thought-provoking events that enriched our intellectual landscape. The Architectural Practices Symposium served as a dynamic platform for critical conversations between academia and

the profession, while our guest lecture series throughout the entire semester also brought in distinguished international speakers who shared cutting-edge perspectives on design, sustainability, and innovation. These engagements not only expanded our students' horizons but also deepened our collective understanding of architecture's evolving role in society.

I am also pleased to note the tangible improvements in our campus infrastructure, aimed at enhancing both learning environments and everyday student life. These upgrades reflect our commitment to providing a space that inspires creativity, collaboration, and well-being.

At SPA Vijayawada, we remain steadfast in our mission to foster thoughtful architects and designers—individuals who are not only technically adept but also rooted in cultural awareness, sustainability, and social responsibility. I commend our faculty, staff, and students for their dedication and resilience in pushing these ideals forward.

As we look ahead, let us continue to challenge norms, explore possibilities, and shape a future of architecture that is inclusive, resilient, and deeply contextual.

Dr. Ramesh Srikonda

Professor, Director

SPA Vijayawada



In Conversation with the Head,



It gives me immense pleasure to present the second edition of Semester Spotlight, a vibrant and comprehensive reflection of the myriad activities undertaken by the Departments of Architecture and Planning at SPA Vijayawada. This publication is more than just a record—it is a celebration of the creativity, dedication, and dynamism that define our academic community. Throughout the semester, our students and faculty have actively participated in a wide spectrum of events—from workshops and

seminars to conferences, guest lectures, and cultural festivals. These engagements not only enrich the academic fabric of our institution but also foster an environment of collaboration, innovation, and holistic growth.

The Semester Spotlight highlights not only academic achievements but also the spirited participation of our students in co-curricular and extra-curricular activities, including sports, student-led initiatives, and outreach programs. Each event featured here reflects the commitment of our departments to shaping responsible, informed, and engaged professionals.

I extend my heartfelt appreciation to all the faculty members, staff, and students whose efforts have made this semester meaningful and memorable. A special note of thanks to the editorial team for compiling and curating this edition with such dedication and care.

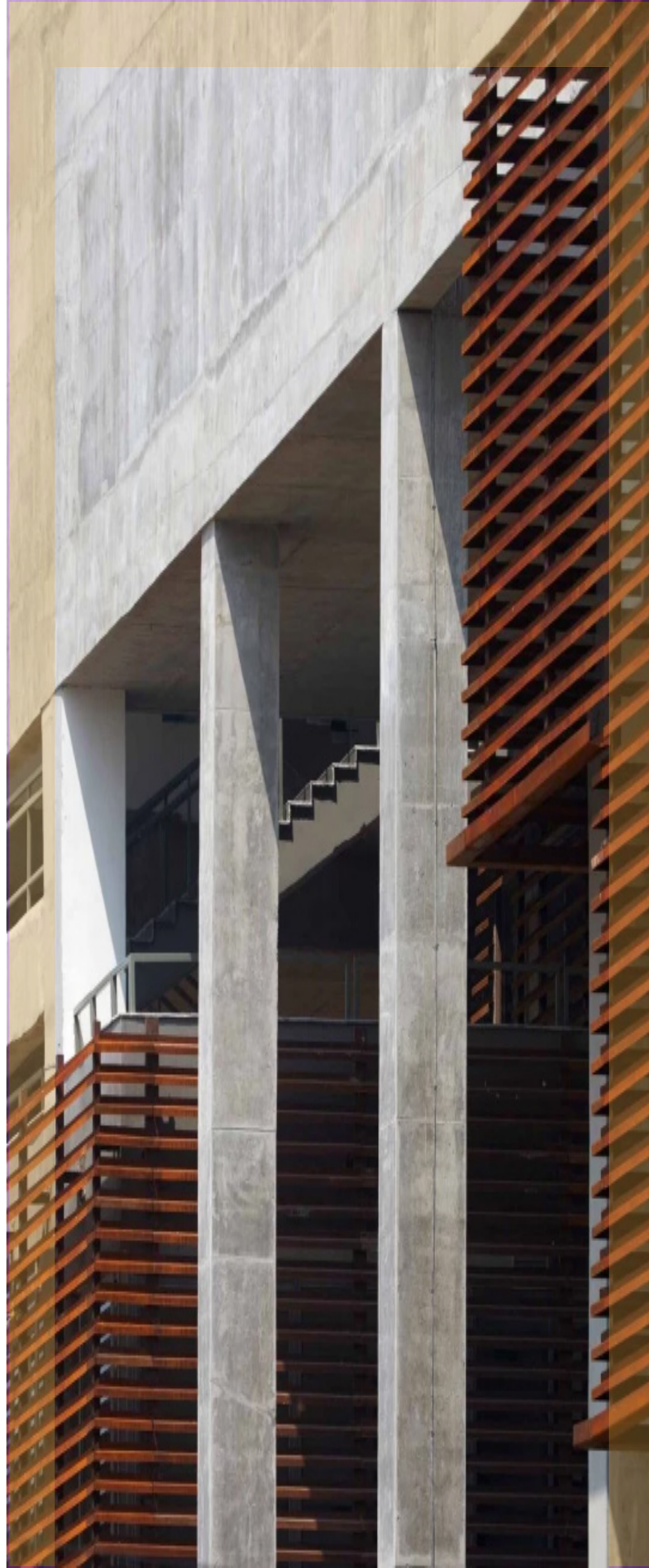
Let this edition serve as both a record of our accomplishments and an inspiration for the exciting journeys ahead.

Warm regards,

Prof. Dr. Srinivas Daketi

Professor

HoD, Architecture



In Conversation with the Head,



I am delighted to introduce the Semester Spotlight, the magazine of SPA Vijayawada. This publication showcases the diverse activities, achievements, and stories that make our institution a vibrant hub of learning and academic excellence.

Our focus on spatial planning has led to exciting collaborations with industry experts, resulting in enriching guest lectures and workshops for all batches. I am thrilled to see our students excel, securing the overall runners-up position and first place at

the NOSPlan Convention 2025, held at LPU, Punjab. I am also delighted to mention that our students received Best Thesis Award at the national level competition by the Institute of Town Planners, India (ITPI). This recognition is a testament to the hard work, dedication, and innovative thinking of our students and mentors. We are also proud to announce the establishment of the AMRUT Capacity Building Cell by MoHUA at SPA Vijayawada. This initiative drives impactful planning projects, capacity-building programs, and community engagement. I extend my heartfelt appreciation to our faculty members for their tireless efforts in nurturing our students' growth. Your dedication, expertise, and passion for teaching have created a supportive and stimulating learning environment. As we celebrate our achievements, I wish you all the best in your academic and professional pursuits. May this magazine inspire us to continue pushing boundaries, exploring new ideas, and striving for excellence.

Warm regards,

Dr. Prasanth Vardhan

Associate Professor

HoD, Planning

A Word from the Dean Academics

November 2024 – Present



It is with great pride and immense pleasure that I present the spotlight edition of the Department of Architecture, School of Planning and Architecture, Vijayawada. This publication is more than just a collection of achievements—it is a reflection of the vibrant and dynamic spirit of the architecture department and the creative minds that continue to shape the future of architecture. At SPA Vijayawada, we believe that architecture is not only about design—it is about creating spaces that inspire and impact the world around us.

We are a community that values the integration of traditional knowledge with cutting-edge innovation, while constantly being mindful of the cultural, social, and environmental responsibilities we bear as architects.

This year, our students have once again showcased their exceptional talent and skill on national and international platforms. I am thrilled to share that several of our students have brought laurels to the institute with their outstanding performances at prestigious events such as the National Association of Students of Architecture (NASA), Namami Gange on “Re-imagining Urban Rivers” and the Bhartiya Paramparik Awas Uthan Award competitions. These achievements are a testament to the high level of creativity and excellence that our students consistently display. These awards are not only a reflection of our students’ hard work but also of the strong academic foundation, mentorship, and encouragement they receive here at SPA Vijayawada. Our faculty members, with their rich academic and professional backgrounds, play an integral role in guiding our students towards these successes, and I am deeply grateful for their continued dedication.

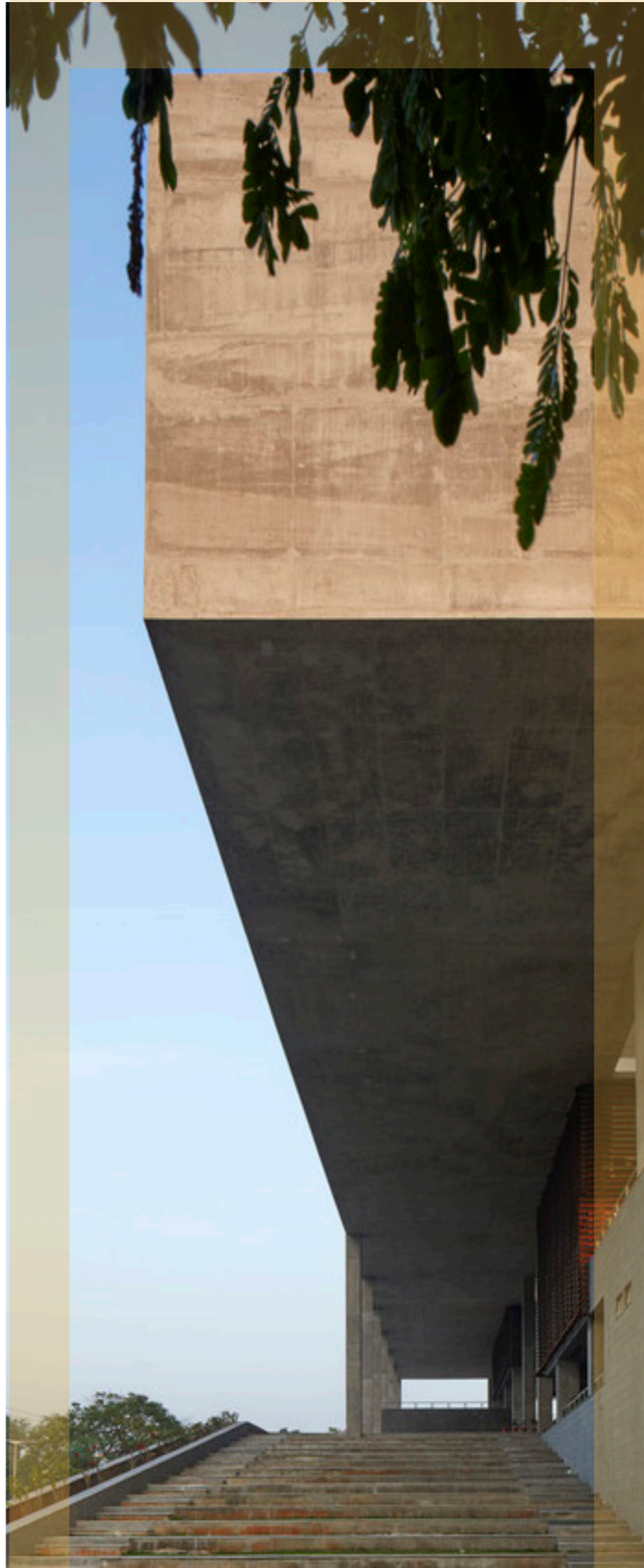
I invite you to delve into the pages of this spotlight edition and celebrate the remarkable achievements of our students and faculty.

Thank you for your continued support, and I hope you enjoy this edition of spotlight as much as we have enjoyed creating it.

Warm regards,

Dr. Lilly Rose A

*Dean Academics (2024-Present)
Associate Professor, Architecture*



Message from the Deputy Dean Academics

November 2024 – Present



Education, a transformative process, shapes minds and empowers individuals. In the words of Dr A.P.J Abdul Kalam, “Education is an endless journey through knowledge and enlightenment.” In such a journey undertaken by the students of the Department of Architecture, SPA Vijayawada, the ‘Semester Spotlight’ offers an opportunity to recollect the significant activities and achievements of the odd semester of the Academic year 2024 -25. ‘Semester spotlight’ serves as an acknowledgement of the creativity, passion, and dedication of

the Department of Architecture’s faculty and students. The collection of students’ impressive academic work, the core focus of our institution, and the various awards and prizes won by the students demonstrate the depth of the knowledge they have acquired. The array of events, special lectures, seminars, workshops, and training programmes, organised by the UG and PG Programmes showcases the enthusiasm and efforts of faculty members and students in expanding the student’s knowledge and exposure to state-of-the-art knowledge.

I extend my gratitude to our Director Prof. Dr Ramesh Srikonda, for the invaluable support and encouragement that has enabled all these accomplishments. I congratulate Dr Srinivas D, Head of the Department of Architecture and the entire team for their remarkable work in highlighting the semester’s achievements.

I hope these pages inspire us to continue pursuing our passions and exploring new horizons as we move into the next semester. I look forward to the new milestones we will reach together in the coming semesters.

Dr. Shanmuga Priya G

*Deputy Dean Academics (2024-Present)
Associate Professor, Architecture*

Message from the Dean Research

November 2024 – Present



It is with great pride and joy that I write this foreword for the latest edition of our institution's Semester Spotlight. This vibrant publication is much more than a magazine; it is a celebration of creativity, intellect, and collaboration—a true reflection of the academic and cultural essence of our institution.

As the Dean of Research, I am inspired by how Semester Spotlight has become a platform to showcase the innovative ideas, dreams, and achievements of our students and faculty. It stands as a shining example of our unwavering

commitment to fostering intellectual growth and nurturing the thought leaders of tomorrow in architecture, planning, and design.

At SPA Vijayawada, research and exploration are at the heart of everything we do. They drive us to push the boundaries of knowledge and tackle the evolving challenges of the built environment. This spirit of inquiry is beautifully captured within the pages of this magazine, where creative works, research articles, and reflective pieces illuminate the immense potential of our academic community.

This year's theme resonates powerfully with the values we uphold whether in advancing sustainability, championing innovation, or celebrating heritage. Each contribution is a reminder of how our academic endeavours align with our shared responsibility to society and the environment.

To the editorial team, contributors, and everyone who brought this magazine to life, I extend my deepest congratulations. Your dedication ensures that this publication continues to inspire, inform, and spark curiosity.

As you journey through these pages, may the ideas and stories within ignite meaningful conversations and inspire us all to envision and create a more inclusive future.

Warm regards,

Dr. M. Banu Chitra

*Dean Research (2024-Present)
Associate Professor, Architecture*



A Word from the Dean Planning and Development



It gives me immense pleasure to present this Semester's Spotlight Edition of the School of Planning and Architecture, Vijayawada, which highlights the transformative strides we have made in campus development. This Edition of Spotlight serves as a testament to our commitment to providing a world-class academic environment through strategic and sustainable infrastructure enhancements. At SPA Vijayawada, we envision our campus as more than just a collection of buildings—it is a hub of creativity, collaboration, and innovation. This

year, we have successfully completed several infrastructure projects aimed at elevating the academic and cultural experiences of our community. Among the notable achievements is the completion of our modern auditorium, a multipurpose facility equipped with cutting-edge audio-visual technology, designed to host academic seminars, cultural programs, and other large-scale events. This space not only enhances our capacity to engage with diverse audiences but also provides a platform for students and faculty to showcase their talents and ideas on a grand scale.

Sustainability remains at the core of our campus development vision. The integration of solar energy systems, rainwater harvesting, and energy-efficient designs into these projects demonstrates our commitment to environmental responsibility while setting an example for future planners and architects. These tangible outcomes are the result of meticulous planning, collaborative efforts, and the unwavering dedication of our faculty, staff, and stakeholders.

I extend my heartfelt gratitude to everyone involved for their vision and hard work in bringing these projects to fruition. I invite you to delve into this edition and explore the impactful changes that are shaping our campus into a model of excellence and sustainability. Let us continue to work together to create an inspiring environment that supports learning, innovation, and growth of SPA Vijayawada.

Warm regards,

Dr. Adinarayanane R

*Dean Planning & Development
Associate Professor, Planning*

A Word from the Dean Academics

November 2022 to November 2024



The advent of "Semester Spotlight" by the Department of Architecture is a bright and positive development. Department of Architecture has been the beacon of creativity in the campus, bringing forth elements of innovation in design, presentations and representations in various scales. The newsletter shall be an added feather to the Department's outputs.

It shall showcase elements of originality and ingenuity by the students, researchers and faculty for the immediate past and shall triggers

thought processes in the right directions. Glimpses of students' output, initiatives undertaken in the Department, research published, case studies documented, opinions, snapshots, viewpoints, and achievements shall be discussed and spread out over the newsletter. It shall not only make readers up-to-date with the Department's events, but also serve as an inspiration for students and researchers to raise the standards of their output to the extent that it finds a place in the upcoming issues. The newsletter is not just a platform of outreach, but a medium of speaking out to the community of settlement designers about what is going on the minds of the SPAV-ians. I believe this venture does hold an instrumental strength in its purpose that is far-fetched and worthwhile.

Good luck !

Dr. Ayon Kumar Tarafdar

Dean Academics (2022 - 24)

Professor, Planning

Message from the Dean Research

January 2022 to November 2024



It is a matter of pride to state that SPA Vijayawada has been fostering a research environment by actively encouraging students and faculty to take up research in several emerging areas. The School has undertaken and completed prestigious projects such as Building Resilient Urban Communities (BReUCom) and Building Inclusive Communities (BiNuCom) funded by the European Union. As a part of the project SPA Vijayawada has successfully implemented several Professional Development Programs

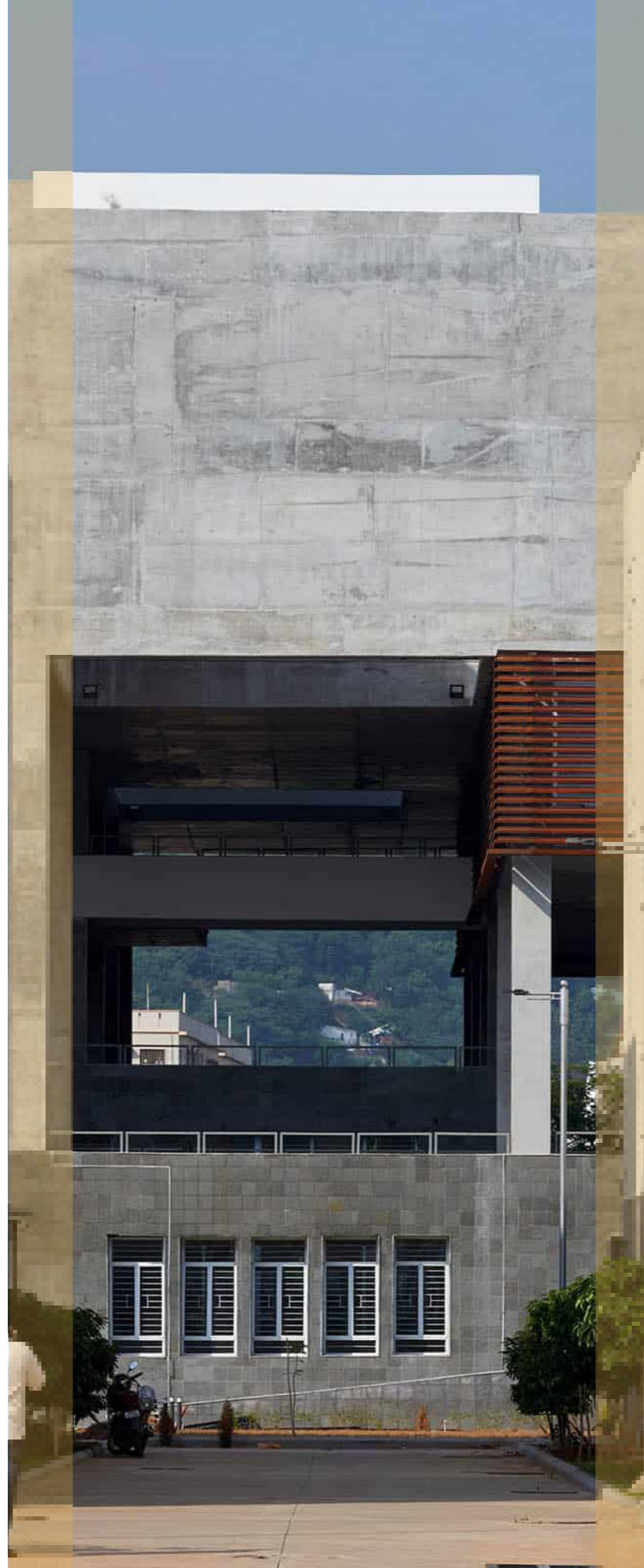
(PDPs) and Open Coursewares (OCWs) across the nation. SPAV is involved at present in the preparation of the Regional Development Plan for Tiruchirapalli District, a project funded by DTCP, Govt of Tamil Nadu. Similarly, the Polavaram Resettlement and Rehabilitation Project, funded by the Govt. of Andhra Pradesh is being carried out, wherein SPA Vijayawada is presently engaged as a knowledge partner. Previously, SPA Vijayawada has completed the preparation of 'Gram Panchayat Spatial Development Plans' for two villages of Andhra Pradesh, under the funding of the Ministry of Panchayati Raj, Govt of India. The project showcased a sustainable process of preparation of village spatial development plans with ecology, economy and social development at the core.

The school has also submitted GIS-based Master Plans for Bhimavaram and Eluru. These Master Plan projects are funded under the AMRUT scheme of the Govt. of India. The Grid of Roads (GoR) Extended project is another significant project where 29 Villages located in the peri-urban area of Chennai have been analysed for improving access and ushering development. SPAV has also recently undertaken and completed a research project to assess and evaluate the influence of Smart City Initiatives in Visakhapatnam City, funded by the MoHUA through NIUA, Delhi.

Dr. Janmejyoy Gupta

Dean Research (2022-24)

Associate Professor, Architecture



Message from the Dean Student Affairs



It is very heartening to see the release of this Newsletter aligning with the VIII Convocation of SPA Vijayawada. Like every year, students of the Undergraduate and Postgraduate programs had relentlessly worked and achieved milestones in academic, Sports, co-curricular and extra-curricular activities during the year under consideration. Research papers were presented in international conferences, published in international journals, either independently or under the mentorship of Faculty members...an ongoing process of merit.

At this juncture, I am reminded of several accolades that reflect our togetherness and dedication to excellence: Bhartiya Paramparik Awas Uthan Award 2024 by the Council of Scientific & Industrial Research - The Central Building Research Institute, Roorkee:

Congratulations to Ms. Gunavarshi and Mr. Vishu Kumar (3rd Year B.Arch) for their winning design in the Student Awards category.

Mr. Ganesh Rajulapati, Ms. Archita Yadav, Mr. Tushar Mahendra Deoda, and Ms. Hetvi Manoj Kaila (3rd Year B.Arch) for their award-winning design under the Warm and Humid Climate category.

Ms. Pehel Agarwal, Ms. Kirti Zanwar, Ms. Shikhanjali Das, and Ms. Samrudhi Katkar (2nd Year B.Arch) for their winning design under the Warm and Humid Climate category.

Special appreciation to the mentors, Dr. Anil Kumar Ch, Dr. Srinivas D, and Dr. Lilly Rose, who guided these talented teams to success.

It is very true that anything is possible when all march towards the goal in a concerted and cohesive manner. So is the case with the teaching learning engine at SPAV, where we primarily celebrate the learning process with all odds at bay, come what may...!

Warm regards,

Dr. Venkata Krishna Kumar Sadhu

*Dean Student Affairs
Associate Professor, Architecture*

Message from the Dean Faculty Welfare



Dear Students, Faculty and Staff members,
Warm greeting to one and all!

I am delighted to know that the Department of Architecture is bringing out the "Semester Spotlight" Newsletter which will showcase the achievements of the students and others. My heartiest congratulations to all the talented and deserving students of the Department of Architecture for their great performances in the co-curricular and extra-curricular activities.

Faculty members and students are two most important cornerstones of any great Institute, along with the physical infrastructure, to withstand the test of time and to make it an 'Institute of Eminence'. As Dean Faculty Welfare, it is my privilege to inform you all that SPA Vijayawada is proud of its esteemed learned faculty members, who are well-distinguished in their fields and much appreciated by their peers for their commitments and accomplishments. Experienced and knowledgeable Faculty members have added many feathers to the cap of SPA Vijayawada and have brought SPA Vijayawada to national and global prominence.

Hence, it is my conviction that the dedicated and passionate faculty members will play an instrumental and pivotal role during the academic journey of the students at SPA Vijayawada and also in shaping their bright future. Students will also have the opportunity to hear and learn from the vast pool of eminent professionals, educators, expert-trainers, consultants, architects, planners from India and abroad with whom SPA Vijayawada has established a long-lasting relationship, which will benefit them at different stages.

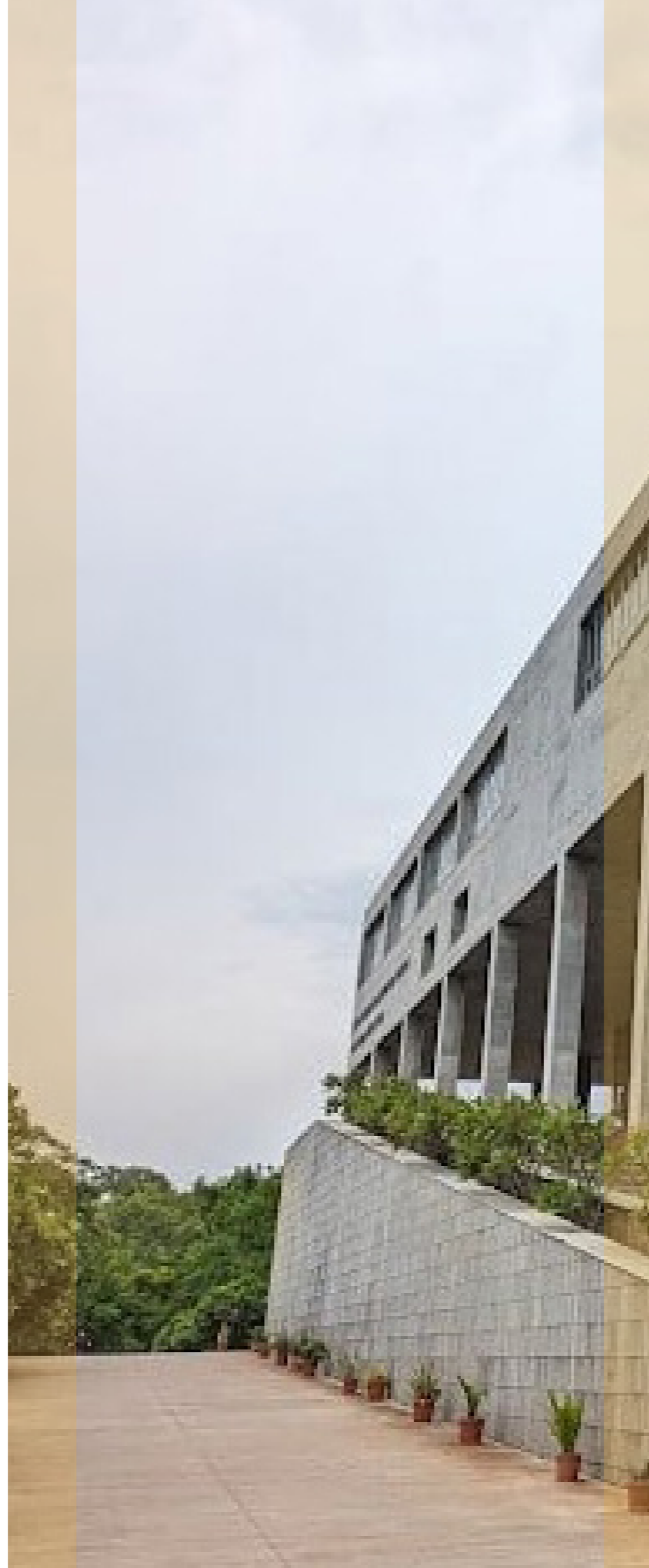
I am sure that with the able guidance, care, and mentorship of our esteemed faculty members, all the students will be able to fulfil their dreams and expectations and achieve many milestones in coming days.

Once again, my heartiest congratulations to the editorial team and sincere best wishes for all.

Jai Hind! Jai Bharat!

Dr. Amitava Sarkar

*Dean Faculty Welfare
Associate Professor, Architecture*



SPAV

A HUB OF CREATIVITY

NURTURING FUTURE
LEADERS IN ARCHITECTURE

HIDDEN AWAY IN THE DYNAMIC
CITY OF VIJAYAWADA SCHOOL

OF PLANNING AND ARCHITECTURE
IS AN INSTITUTE OF NATIONAL

IMPORTANCE IT OFFERS
SPECIALIZED AND DIVERSE COURSES

SUSTAINABLE ARCHITECTURE
HOPING FOR A BETTER FUTURE

LANDSCAPE ARCHITECTURE
ARCHITECTURAL CONSERVATION

SAFEGUARDING OUR HERITAGE
BUILDING ENGINEERING AND MANAGEMENT

URBAN DESIGN FOR BETTER CITIES
IDEAS TO IMPACT M DESIGN



Chitrashala, Bundi, Rajasthan
Ar. Renuka Mohan Wakharkar

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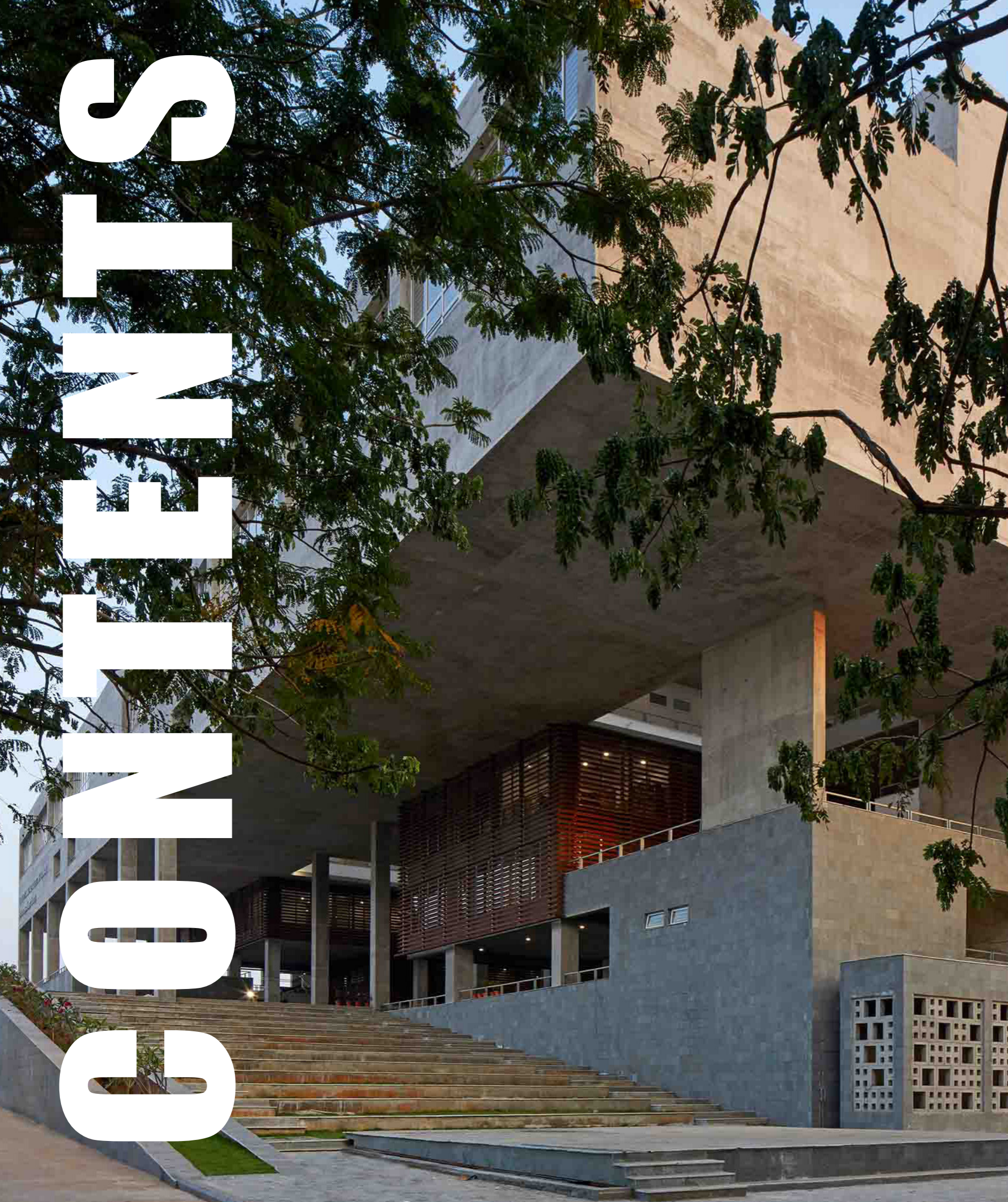
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78th Independence Day

August 15, 2024

The 78th Independence Day of India was celebrated with great fervor and patriotism at the School of Planning and Architecture, Vijayawada on 15th August 2024. The campus was filled with pride as students, faculty, and staff gathered to mark this historic day, honoring the nation's hard-earned freedom and the sacrifices made by countless individuals.

The ceremony began with the hoisting of the national flag by the esteemed Director of SPA Vijayawada, Dr. Ramesh Srikonda. He spoke about the importance of independence, the values that shape the nation, and the role of education in empowering the youth to contribute towards building a stronger and more sustainable India.



Election pledge

Nasha Mukht Bharat Abhiyan (NMBA)

August 12, 2024

On 12th August 2024, the School of Planning and Architecture, Vijayawada joined the nationwide campaign against drug abuse by successfully organizing a Mass Pledge Program as part of the Nasha Mukht Bharat Abhiyan (NMBA). The event, held at 11:00 AM, saw enthusiastic participation from students, faculty, and staff, reaffirming the institution's commitment to creating a drug-free society.

The Nasha Mukht Bharat Abhiyaan, an initiative by the Government of India, aims to raise awareness about the dangers of drug abuse and promote a drug-free environment.

SPA Vijayawada, being a prominent educational institution, took an active role in supporting this mission by engaging its community in this impactful program.



National Anti-Ragging Day

Mera Pehla Vote Mere Desh Ke Liye

August 12, 2024

On 12th August 2024, the School of Planning and Architecture (SPA) Vijayawada observed National Anti-Ragging Day by organizing a significant program titled "Unite Against Ragging". The event, held with great enthusiasm, was part of the nationwide campaign to raise awareness about the harmful consequences of ragging and to promote a safe, respectful, and inclusive environment in educational institutions.

National Anti-Ragging Day is observed annually to highlight the importance of creating a ragging-free campus and to reinforce the commitment to eradicating this issue from educational institutions. SPA Vijayawada, in line with this national initiative.



National Space Day

August 23, 2024

On August 23, 2024, the School of Planning and Architecture (SPA) Vijayawada hosted a prestigious event in celebration of National Space Day, in collaboration with Vijnana Bharati and the Bharatiya Vijnana Mandali Andhra Pradesh.

This event, aimed at promoting scientific knowledge and awareness about India's achievements in space exploration, saw enthusiastic participation from students, faculty, and space enthusiasts, making it a memorable occasion for everyone involved.



National Space Day is celebrated to honor the remarkable strides made by India in the field of space exploration, especially by institutions like the Indian Space Research Organisation (ISRO).



Planning Dialogue with Geoffrey Payne

August 25, 2024, Department of Planning

EXPERT



Geoffrey Payne
Housing and Urban Development
Consultant, London

On August 25, 2024, the School of Planning and Architecture (SPA) Vijayawada hosted a distinguished Planning Dialogue with Geoffrey Payne, a renowned urban planning expert and authority on housing and urban development.

The event, titled "Insights on Housing and Urban Development", brought together faculty, students, and professionals from the fields of urban planning, architecture, and social sciences for an enriching discussion on contemporary challenges and innovative solutions in urban development. Geoffrey Payne, a globally recognized expert, has dedicated his career to advocating for sustainable, inclusive, and affordable housing solutions for urban populations. His work, particularly in the areas of housing policy, informal settlements, and urban development in developing countries, has been instrumental in shaping international urban policies. SPA Vijayawada was honored to have him share his vast knowledge and experiences with the next generation of urban planners.

Program Coordinator
Dr. Ayon Kumar Tarafdar
Dr. Prasanth Vardhan



Steel: The Preferred Material for Sustainable Development and Green Buildings

August 30, 2024, Department of Architecture

EXPERT



V Shridhar Reddy

Structural Engineer consultant, Hyderabad

On 30th August 2024, SPA Vijayawada hosted a technical seminar on “Steel: The Preferred Material for Sustainable Development and Green Buildings.” The event brought together students, faculty, and industry experts to discuss steel’s role in sustainable construction. With rising concerns around climate change and resource depletion, the seminar highlighted steel’s strength, durability, recyclability, and energy efficiency, positioning it as a key material for eco-friendly and resilient building practices.

Chief Patrons

Prof. Dr. Ramesh Srikonda

Shri. P K Mishra Director General, INSDAG

Patron

Prof. Dr. Srinivas Daketi

Convenors

Dr. P. Siva Prasad

Er. Rishav Dutta

Coordinators

Ar. Sanjay Bhandari

Ar. Dheeraj Ch

Er. P. Pramod



Fanah Zakkir

MUD, Year I

SEPTEMBER HIGHLIGHTS

The Librarian, Dr. Y.S. Rao's Farewell

September 09, 2024

On the 9th of September, 2024, the School of Planning and Architecture (SPA) Vijayawada hosted a heartfelt farewell program to honor the contributions and legacy of Dr. Y.S. Rao, a distinguished figure in the academic and administrative landscape of the institution.

The event was a celebration of his years of service, leadership, and dedication to the development of the institution and its students. The program commenced with a warm welcome to the faculty, staff, and students who had gathered to bid farewell to Dr. Rao. As the former Director of SPA Vijayawada, Dr. Rao played a pivotal

role in shaping the vision of the institution, contributing to its academic growth, and fostering an environment of excellence in education. Under his stewardship, SPA Vijayawada flourished, establishing itself as a leading institution in the field of architecture and planning in the region.



Inauguration of Krishnaveni Sabhagaar

September 14, 2024

We are delighted to announce the grand inauguration of Krishnaveni Sabhagaar, the state-of-the-art auditorium at the School of Planning and Architecture, Vijayawada (SPAV). This much-anticipated event is scheduled to take place on 14th September 2024, at 10:00 AM on the SPAV campus.

The Krishnaveni Sabhagaar represents a significant milestone for SPAV, providing a modern space designed to host academic, cultural, and professional events. Named after the revered Krishna River, a symbol of life and growth in the region, the auditorium embodies the school's commitment to fostering innovation, collaboration, and excellence.



Space on Wheels

September 17th, 18th 2024

School of Planning and Architecture (SPA), Vijayawada, in collaboration with Vijnana Bharati (VIBHA), proudly hosted the "Space on Wheels" program on Tuesday, 17th September 2024, at 10:00 AM. The initiative was supported by Cochin Shipyard Ltd. The event provided an engaging and interactive platform to ignite curiosity and interest in space science and technology among students and the community. "Space on Wheels" showcased innovative exhibits, hands-on activities, and thought-provoking sessions designed to promote awareness of India's achievements in space exploration and inspire the next generation of space enthusiasts.



Techno-Traditional Indian Knowledge Systems for Eco-Sensitive Coastal Settlement Planning

September 26th & 27th, 2024

The first day of the National Conference on Techno-Traditional Indian Knowledge Systems for Eco-Sensitive Coastal Settlement Planning was successfully organized on 26th September 2024 at the School of Planning and Architecture (SPA), Vijayawada.

The event was held in collaboration with the Institute of Town Planners India (ITPI) and brought together experts to explore innovative approaches to coastal area planning, blending traditional knowledge with modern technology.

The conference was graced by **Dr. P. Narayana garu**,

Hon'ble Minister of Municipal Administration & Urban Development, Government of Andhra Pradesh, as the Chief Guest.

Experts from urban planning and environmental sectors share insights on leveraging indigenous wisdom and modern techniques for effective coastal management. The session aims to equip attendees with the knowledge and tools needed to create sustainable and resilient coastal settlements.



Chief Patrons
Prof. Dr. Ramesh Srikonda
Shri. N K Patel *President, ITP, India*

Chief Guest
Dr. Ponguru Narayana garu

Coordinators
Dr. Rajakumari M.
Dr. Prasanth Vardhan
Ms. Ekta

For Day 2 of the National Conference on Techno-Traditional Indian Knowledge Systems for Eco-Sensitive Coastal Settlement Planning organized at SPA Vijayawada on 27th September 2024, the event continued with a focus on disaster mitigation, resilience through techno-traditional approaches, and various technical sessions. The day included keynote speeches, discussions on perspectives of coastal disaster risk reduction, and concluded with the valedictory session. This event highlighted modern and traditional solutions for coastal area resilience and development.



Swachhata Hi Seva 2024 Campaign

September 17 - October 2, 2024

The School of Planning and Architecture (SPA), Vijayawada, takes immense pride in announcing the successful completion of a series of impactful events and activities organized as part of the Swachhata Hi Seva 2024 campaign, held from 17th September to 2nd October 2024. The campaign, aligning with the vision of a clean and green India, witnessed enthusiastic participation from students, faculty, and staff.

Over the two-week period, SPA Vijayawada hosted

numerous activities aimed at raising awareness about cleanliness, sustainability, and environmental responsibility. During the closing ceremony, outstanding contributions by participants were recognized and celebrated. SPA Vijayawada extends its heartfelt gratitude to all who contributed to the success of this campaign. Together, we reaffirm our commitment to creating a cleaner, healthier, and more sustainable environment.



Regenerative Design Beyond Sustainability

International collaboration

September 30 - October 1, 2024, Department of Architecture

Expert Speakers

Ar. Laurent Fournier
Architect, Kolkata

Ms. Sangita Kapoor
Founder, Blue Planet, Mumbai

Ms. Denise DeLuca
Founder, Wild Hazel, Oregon, USA

Nuno da Silva
Regensis Institute, Lisbon, Portugal

Sandra Marques
Lisbon, Portugal

Coordinator

Dr. Lilly Rose

Successful Completion of the International Collaborative Workshop on Regenerative Design Beyond Sustainability
We are delighted to announce the successful organization of the International Collaborative Workshop on “Regenerative Design Beyond Sustainability” at SPA Vijayawada. The workshop, held on 30th September and 1st October 2024, brought together a distinguished panel of speakers, including:

The sessions covered important topics like Regenerative Systems Thinking, Regenerative Architecture, and drew Inspiration from the Past for the Future. Organized by the Department of Architecture, the event provided valuable insights into evolving sustainable design practices. It was a resounding success, with fruitful discussions and collaborative learning taking place.



Disaster Preparedness and Management

September 25, 2024, Department of Planning

EXPERT



Dr. Chandrani B N

*Associate Professor
Department of Planning
SPA Delhi*

The guest lecture held on 25th September, 2024 on the topic "Disaster Risk and Development approaches", was taken by Dr. Chandrani B N. During the session the several sub topics were touched upon and the contribution of disaster risk in urban planning was looked into critically. In the talk, expert's focus was revolving around the organisations, initiatives and case studies related to disaster around the globe and how the planners have dealt with the same. This made the world of disaster much clearer for the students and inspired them to work more on this aspect in their academic and post academic journey.

Program Coordinator

Ms. Ekta



Tushar
B. Arch, Year II

OCTOBER HIGHLIGHTS

Solid Waste Management in Indian Cities

Guest Lecture on Swachhata Samvad

October 08, 2024, Department of Planning

EXPERT



Prof. M. Chandrasekhar
Department of Civil Engineering
NIT Warangal

The session titled "Swachhata Samvad on Solid Waste Management in Indian Cities" is organized by the School of Planning and Architecture, Vijayawada. The session on, led by Prof. M Chandrasekhar from NIT Warangal, aims to address pressing waste management issues in urban areas. The talk cover key aspects such as waste segregation, recycling techniques, policy frameworks, and community involvement. Participants gain a comprehensive understanding of sustainable waste disposal practices and their role in creating cleaner, healthier cities. This session is beneficial for students, urban planners, and policymakers interested in environmental sustainability and urban development.

Coordinators

Dr. Jayeshkumar M B
Mr. Rajeev R



Climate Studio

2 Day Hands on Workshop

October 08, 09 2024, Department of Architecture

EXPERT



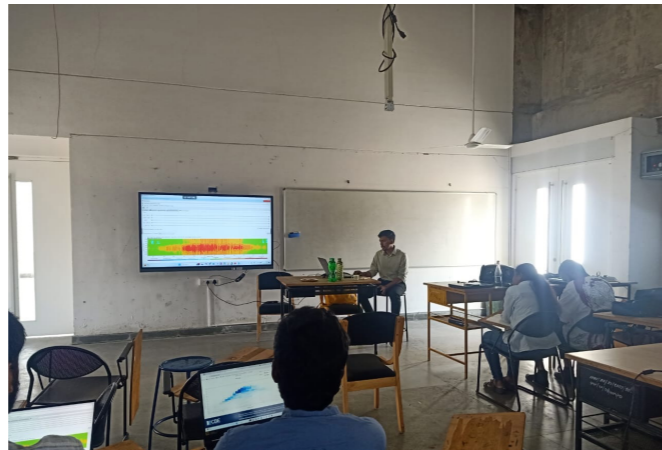
Chandu Sai Tarun

*Trainer, Green Building Analyst
EDS, Delhi.*

The 2 Day workshop titled "Climate Studio" is organized by the School of Planning and Architecture, Vijayawada. The workshop, led by Chandu Sai Tarun, a Green Building Analyst from Environmental Design Solutions, Delhi, focuses on leveraging Climate Studio software for climate-responsive design. Participants learn to analyze daylighting, energy performance, and thermal comfort in architectural spaces. Through practical exercises, they gain proficiency in using simulation tools to optimize building performance and sustainability. This workshop is essential for students and professionals aiming to incorporate environmental considerations into their architectural projects effectively.

Coordinator

Dr. Faiz Ahmed



Stakeholder Engagement, Project Brief Development & Site Planning Workshop

October 04, 202, Department of Planning

EXPERT



Mr. Manohar Kumar Boddeti

CRDA, Govt. of Andhra Pradesh

The students were guided with how different department works in the sphere of urban development authorities. Students were segregated into group of 3 where each team were given a role of different department whereby students were able to understand how different departments are correlated to each other. They were also introduced to the APSAC website where they got GIS related information.

Coordinator

Ms. Ekta

Ms. Monica Sekar



NATIONAL SPORTS DAY



National Sports Day

Celebrating Sportsmanship and the Legacy of Major Dhyan Chand

October 4 - October 8, 2024

The School of Planning and Architecture (SPA), Vijayawada, proudly hosted a vibrant celebration of National Sports Day 2024 from 4th to 6th October 2024, honoring the legendary Major Dhyan Chand and promoting the spirit of sportsmanship among students and faculty.

The three-day event was marked by an array of exciting sports activities, games, and competitions that fostered teamwork, camaraderie, and a healthy competitive spirit.

Participants demonstrated their skills and enthusiasm across various disciplines, embodying the true essence of sports. SPA Vijayawada thanks all participants, organizers, and supporters who contributed to making this event a grand success. Let us continue to embrace sports as an integral part of our lives and carry forward the legacy of excellence and sportsmanship.



Design Innovation in Urban Energy

One Day Workshop, M. Design Studio

October 04, 2024, Department of Architecture

EXPERT



Dr. Vishal Singh
*Assistant Professor, Department of
Design and Manufacturing at the Indian
Institute of Science
Banglore*

One-Day Workshop on Design Innovation in Urban Energy Held at SPA Vijayawada. The School of Planning and Architecture (SPA), Vijayawada, successfully organized a one-day workshop on Design Innovation in Urban Energy on 4th October 2024. The event served as a dynamic platform for discussing cutting-edge approaches to urban energy design, emphasizing the critical need for sustainable and innovative energy solutions in contemporary urban settings.

The workshop featured Des. Raam Gottimukkala from Think Reform Design Studios as the esteemed key speaker. His insightful sessions provided attendees with a deeper understanding of innovative design strategies and practical solutions for urban energy challenges. The workshop was conducted at the M. Design First Year Studio from 9:00 AM to 4:00 PM, under the visionary leadership of Prof. Dr. Ramesh Srikonda (Director) and Dr. Srinivas Daketi (Head of Department).

Program Coordinator

Dr. Khuplianlam Tungnung



Design Workshop

October 07, 2024, Department of Architecture

EXPERT

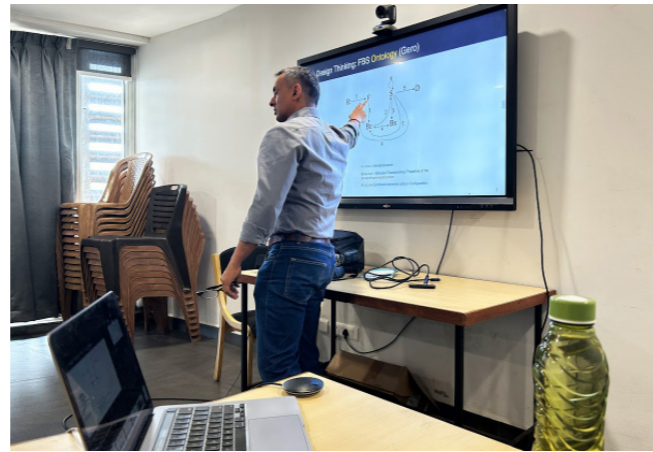


Dr. Vishal Singh
*Assistant Professor Department of
Design and Manufacturing at the
Indian Institute of Science
Bangalore*

The workshop titled “Design wokshop” is organized by the School of Planning and Architecture, Vijayawada. This workshop conducted by Dr. Vishal Singh, Associate Professor at the Indian Institute of Science, Bangalore, focuses on advanced design methodologies. Participants explore contemporary design strategies, user-centric approaches, and problem-solving techniques applicable to architecture and manufacturing. Through interactive sessions and hands-on exercises, attendees gain a deeper understanding of how to apply design thinking principles to complex challenges. The workshop aims to equip students and professionals with practical skills to enhance creativity, efficiency, and innovation in their design practices.

Program Coordinator

Dr. Khuplianlam Tungnung



Area Development Planning

October 08, 2024, Department of Planning



Program Coordinator

Dr. Rajakumari M
Mr. Bhargava Teja
Mr. Sandeep P
Ms. Aparna Sai D

The workshop on Area Development Planning highlighted the importance of analysis before planning, focusing on theoretical concepts like master planning, area planning, and zonal planning, with examples from Delhi's master plans. Students gained insights into planning methodologies, land use, regulations, and industry requirements. The hands-on session involved using GIS and ArcGIS tools to propose redevelopment for a site near the Yamuna River, providing practical experience in applying planning concepts.

Climate & Water Sensitive Urban Landscapes

October 08 - October 09, 2024, Department of Architecture

The event shown in the image is a Five-Day Workshop on Climate & Water Sensitive Urban Landscapes. It was organized at SPA Vijayawada on 8th and 9th October 2024.

The workshop focuses on environmental challenges and solutions in urban landscapes, especially concerning climate change and water-sensitive planning.



World Habitat Day & World Architecture Day

October 09, 2024

The World Habitat Day & World Architecture Day event, with the theme “Engaging youth to create a better urban future,” is scheduled to be organized at SPA Vijayawada on 9th October 2024, from 4 pm onwards at Krishnaveni Sabhagaar, SPAV Auditorium. The event will also commemorate the contributions of Ar. Christopher Charles Benninger. It is being hosted by the students of SPA Vijayawada, under the direction of Prof. Dr. Ramesh Srikonda, and supported by distinguished professionals from the Institution of Engineers (India) AP State Center and the Indian Institute of Architects, AP Chapter.



Understanding Transport Infrastructure Planning

October 08, 2024, Department of Planning



The lecture focused on transport planning, covering goods movement and passenger transport, highlighting transport’s contribution to global CO2 emissions. Key travel characteristics such as occupancy, accessibility, and trip purpose, along with user factors like age, income, and socio-economic traits, were analysed. Public transport’s benefits, including sustainability, cost efficiency, and traffic management, were emphasized.

Program Coordinator
Dr. Jayeshkumar M B

Surface Urban Heat Islands Across Cities in India and US

October 10, 2024, Department of Architecture



School of Planning and Architecture, Vijayawada organized an expert talk on “Surface Urban Heat Islands Across Cities in India and The US,” featuring Dr. Surekha Tetali from Mahindra University. The session aimed to explore how urbanization influences local climate and discussed strategies to mitigate urban heat islands for a more sustainable urban future. The event was part of the M. Arch (Sustainable Architecture) program. The intent was to help students and faculty understand the science behind urban heat islands and how cities could adopt design strategies to combat rising urban temperatures.

Program Coordinator
Dr. Faiz Ahmed

Solid Waste Management

Case Study: Indore and Bangalore Process

October 10, 2024, Department of Planning

EXPERT



Dr. Shaurya Mall

*Assistant Professor
(UPES, Dehradun)*

The students learnt how different types of work are accumulated on different types of society based on timeline. The students also learnt about the source and type of waste based on classification and got to know about various GOI acts. Methods of treating solid waste were introduced. The case studies of Indore and Bangalore treatment process used to create compost from waste has been discussed in detail.

Program Coordinator
Mr. Bhargava Teja S

Area Development Planning Studio

October 10 & October 11, 2024, Department of Planning

EXPERTS



Mr. Ganesh Ahire
*Senior Urban Planner
HCPDPM Pvt. Ltd. Ahmedabad*



Ms. Archana Kothari
*Senior Urban Planner
HCPDPM Pvt. Ltd.*

The session provided key insights on Town Planning scheme and Local Area plan with the example of Ahmedabad as the pivotal player. Introducing strategies and preparation methods for public streets and plot reconstitution, highlighting zoning regulations and strategy solutions, block cost estimation, formulation and calculation of revenue sources for the project area.

Program Coordinator
Dr. Prasanth Vardhan P
Dr. Naina Gupta

National Sports Day Award Ceremony

October 10, 2024.

The National Sports Day event, along with an award ceremony, was organized at SPA Vijayawada on 10th October 2024 to honor the outstanding achievements of the participants from the institute's Sports Day. Hosted by the students of the School of Planning and Architecture, Vijayawada, the celebration was a tribute to the athletes and their spirit of teamwork, as well as a recognition of their contributions through the award ceremony.



Globalization of Cities

October 14, 2024, Department of Planning

EXPERT



Mr. Manohar T
Assistant Professor
Telangana Tribal Welfare Fine Arts Academy

Highlights the concept of Globalization of cities including the influence by economic, cultural, political, and social forces, understanding the history and evolution of the global cities using examples as key players in today's world, focusing on hierarchy of Settlements and related models. Discussion on Regional development and its need, approaches and strategies aiming to balance disparities.

Program Coordinator
Ms. Pushyami Neduri

Applications of Scientific Tools and Techniques in Regional Planning

October 14 & 15, 2024, Department of Planning

Experts

Dr. Sanhita Bandyopadhyay

DGM, Tracebel Engineering Pvt. Ltd

Dr. Bikram Kumar Dutta

DGM, L & T

Program Coordinator

Dr. Valliappan AL

Dr. Adinarayanane R

The guest lecture held on 14th and 15th October, 2024 on the topic "Applications of Scientific tools and techniques in Regional Planning", was taken by Dr. Bikram Kumar Dutta and Dr. Sanhita Bandyopadhyay. During the session, critical discussion on the studio work done by students took place.

Along with that, both the experts presented their contributions in the industry making it more industry-oriented input, which helped students.



Classical Approaches to Planning

October 15, 2024, Department of Planning

EXPERT



Ms. Reethu Mercy
Assistant Professor
Dr. YSRAFAU, Kadapa

During the lecture, the students gained extensive knowledge about classical approaches to planning, the SITAR model, methods of planning, the hierarchy of plans, and the corresponding planning authorities. The session also deepened their understanding of the different levels of planning and their various applications.

Program Coordinator
Ms. Pushyami Neduri

Transit Oriented Development Policy in Indian Cities

October 15, 2024, Department of Planning

EXPERT



Dr. Nandan Dawda
Urban Studies Program
Observer Research Foundation,
Mumbai

The lecture on “Transit-Oriented Development (TOD) Policy in Indian Cities” by Dr. Nandan Dawda, a Fellow at the Urban Studies Program of the Observer Research Foundation, Mumbai, offered profound insights into the concept and practice of TOD. Dr. Dawda explored the framework and design principles of TOD, supported by practical case studies, emphasizing its role in creating sustainable and efficient urban environments.

Program Coordinator
Mr. Sandeep P

Waterbody Rejuvenation and Ecological Restoration through Nature-Based Solution

October 15, 2024, Department of Planning

EXPERT



Ms. Pooja Tendulkar
Co-Founder
Lemmion Green Solutions Pvt. Ltd.

The lecture emphasized the significance of waterbody rejuvenation and ecological restoration, highlighting their critical role in sustainable development and environmental health. It introduced the concepts, types, and methodologies of Nature-based Solutions (NbS) and explored their benefits, alongside related topics such as blue-green infrastructure, wetlands, mangroves, and urban lakes. The importance of integrated planning in executing waterbody rejuvenation and ecological restoration projects was underscored, supported by a detailed case study illustrating the positive impact on both the community and the ecosystem.

Program Coordinator
Ms. Lakshmi Pranathi G

Urban Analytics and Advanced Planning Techniques for Planners

October 16, 2024, Department of Planning

EXPERT



Mr. Vignesh T
Urban Planner
Building Digital Twin for Chennai

The speaker gave an insight on how different models can be created and utilized for different scenarios in planning. Techniques for mitigating transportation problems like parking were given a brief in order to understand the integration of real time data with existing public assets. It is inferred that satellite imagery can be used in its equivalent digital version for producing any future projection of the spatial data with help of Radar Image Processing. At the end of the session, it had been understood that data science could be well utilized for comparing the problems.

Program Coordinator
Dr. Prasanth Vardhan

An Introduction to Theoretical Distributions Binominal, Poisson and Normal Distribution

October 16, 2024, Department of Planning

EXPERT



Dr. M. Ramakrishnan
Assistant Professor
Dept. of Mathematics
RKM Vivekananda College, Chennai

Ms. Monica introduced the session, which kicked off with explanations of theoretical distributions, paired with practical applications using the R programming language. Dr. M. Ramakrishnan guided the students through important topics, including the Binomial distribution, Poisson distribution, and Normal distribution, all complemented by coding examples in R. The session provided a comprehensive overview of theoretical distributions and their application in R.

Program Coordinator
Ms. Monica Sekar

Urban Form and Public Transport Design

October 16, 2024, Department of Planning

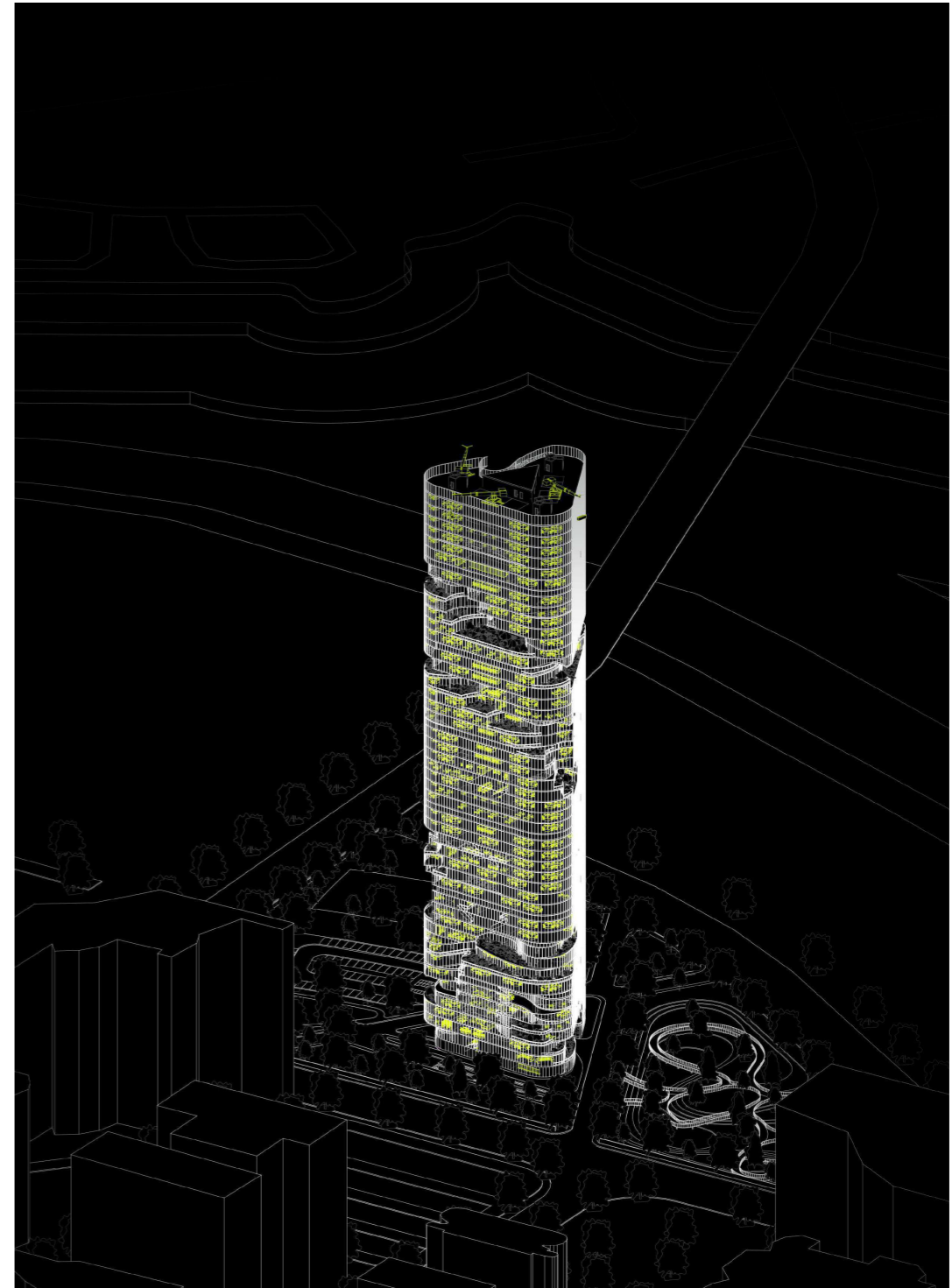
EXPERT



Dr. Vaishali Gijre
Senior Transport Specialist
(Consultant & Visiting
Faculty at SPA New Delhi)

The students were introduced about Multimodal transportation system. They were thought/introduced about how urban form influences transportation such as Density, Connectivity etc. They learnt how public transportation development shapes urban shapes such as Transit oriented development, corridors and nodes. And how its integration would help in reducing losses occurred in case of transportation infra which working in different angles.

Program Coordinator
Dr. Naina Gupta



Karan
B. Arch, Year V



Eight Convocation

October 17, 2024.

The ceremony marked a significant milestone for the Graduands of 2024, honoring their academic achievements and dedication. Faculty members, distinguished guests, alumni, and the families of the graduands gathered to witness this memorable occasion. The convocation was a celebration of academic excellence, innovation, and the spirit of progress. It reinforced SPA Vijayawada's commitment to fostering future architects, planners, and designers equipped to address the dynamic challenges of the modern world.



Street Mapping

October 18, 2024, Department of Planning

EXPERT



Mr. Prabhakaran A
Assistant Professor
DTCP, Govt. of Tamil Nadu

The morning session provided an enlightening overview of the basics of street mapping, along with brainstorming exercises that served as an excellent kickstart for the studio project.

In the afternoon session, an exercise was conducted to analyse the street based on their own ideas, which led to a surge of innovative concepts and their representations.

Program Coordinator
Dr. Rajakumari M
Ms. Pushyami Neduri
Ms. Lakshmi Pranathi G



Coastal Infrastructure Development: Unlocking India's Maritime Potential

October 19, 2024, Department of Planning

EXPERT



Mr. Rajesh Menon
Associate Director Technical Support
Unit, DPIIT Ministry of Commerce
and Industry

The lecture on "Coastal Infrastructure Development: Unlocking India's Maritime Potential," delivered by Mr. Rajesh Menon, Associate Director at DPIIT, provided valuable insights into the transformative role of coastal infrastructure in advancing India's maritime capabilities.

The session focused on the immense potential of coastal shipping and inland waterways in infrastructure design, especially in light of the recent approval of the Coastal Shipping Bill by the Union Cabinet.

Program Coordinator
Dr. Naina Gupta

An Introduction to Spatial Analysis using QGIS and R

October 19, 2024, Department of Planning

EXPERT



Mr. P. Karun Achintya

The lecture provided an introduction to spatial analysis using QGIS and R, focusing on key concepts and practical applications. It began with an overview of Geographic Information Systems (GIS), including projections and the foundational understanding of vector and raster data. Students were introduced to spatial thematic models and their implementation in QGIS, along with an exploration of transport modelling techniques. The session featured hands-on demonstrations, showcasing vector and raster analysis, enabling attendees to gain practical experience and apply spatial analysis concepts effectively.

Program Coordinator
Ms. Monica Sekar

Inclusive City Planning-Sociological Perspective

October 19, 2024, Department of Planning

EXPERT



Independent Consultant-Sociologist, Urban And Regional Planner
Prof. Dr. Abdul Razak Mhamed

The students were introduced on how planning can be effectively done for all the citizens with different characteristics upholding inclusiveness. It included considering socio-economic pattern of living of people while considering spatial accessibility simultaneously. Eleventh plan of India was highlighted along with considering John Fried Mann model. They learnt how consultation of different stakeholders works to ensure the necessity of participatory planning in the process of development citing case study of T. Nagar skywalk in Chennai

Program Coordinator
Lakshmi Pranathi G

Application of VISUM in Integrated Public Transport Planning

October 19 & October 20, 2024 (Department of Planning)

EXPERT



Associate - PWC India
Mr. Mandar Bhanuvanshe

The workshop on the “Application of VISUM in Integrated Public Transport Planning,” conducted by Mr. Mandar Bhanuvanshe, provided a comprehensive overview of the use of VISUM software in transportation system modelling. The session began with an introduction to the four-stage modelling process and its critical role in transportation planning. The speaker went into detail about Private Transport (PrT) modelling, emphasizing its methods and uses.

Program Coordinator
Dr. MNV Pavan Kumar
Dr. Bhagwat Jayeshkumar
Maheshkumar



E-Governance, M-Governance and Smart Governance

October 21, 2024, Department of Planning

EXPERT



Dr. Kusum Lata
Associate Professor
IIPA New Delhi

Dr. Kusum Lata from the Indian Institute of Public Administration discussed e-governance and m-governance frameworks, emphasizing mobile apps' role in enhancing urban planning efficiency. She shared examples from her government experience, demonstrating benefits like increased transparency and citizen participation. The seminar concluded with a Q&A session, where Dr. Lata provided valuable insights into data privacy and the future of smart cities to the students.

Program Coordinator
Dr. Jayeshkumar M B

Quantitative Methods in Research

October 21, 2024, Department of Planning

EXPERT



Dr. Anirudh Badarinath
Beyond Urban Mysore

The lecture explained the step-by-step process of the thesis research. The speaker described the various types of research methodologies and their application in different contexts. The speaker also explained the student survey techniques and their significance in ensuring reliable data collection. Basically, the workshop concentrated on the structuring of a research project, with major emphasis on formulating specific aims and objectives.

Program Coordinator
Dr. Arpan Paul Singh

Inclusive Product Design Competition

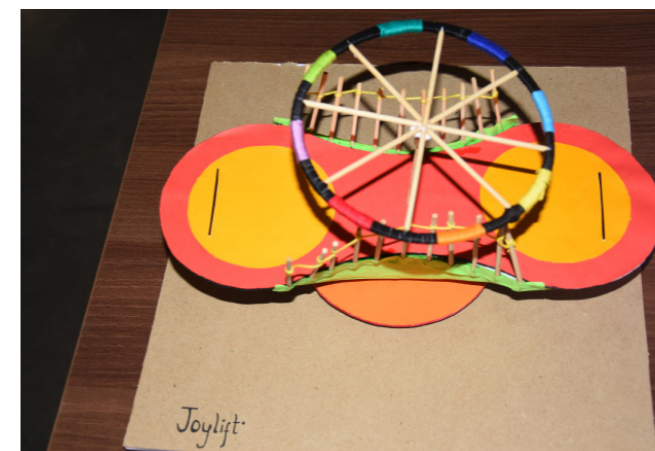
Product Design Competition

October 21, 2024

On 21st October 2024, the School of Planning and Architecture, Vijayawada, successfully organized the Product Design Competition focused on Inclusive Play Equipment for Public Parks. This initiative aimed to foster inclusivity by designing accessible play equipment suitable for children of all abilities, promoting physical health, social integration, and equal enjoyment of public play spaces. Participants presented innovative designs, incorporating wheelchair-accessible swings, slides, and other modular play structures, thoughtfully crafted for children with diverse physical needs. The competition, featuring exciting prizes for the top three entries, also highlighted

the importance of safe and durable materials, adaptable designs for various park sizes, and adherence to inclusive standards for children aged 5-12. Congratulations to all participants for contributing creative solutions to enhance accessibility in public parks.

Coordinator
Dr. Prashanthi Rao



Modeling Pre-Engineered Buildings (PEBs) Using Tekla Structures

October 23, 2024, Department of Planning

EXPERT



Er. Mohammad Khalid
Application Specialist
AllTerra Solutions

Workshop on Modeling Pre-Engineered Buildings (PEBs) Using Tekla Structures. This workshop is focused on using Tekla Structures software for modeling pre-engineered buildings. It will be held at SPA Vijayawada on 23rd October 2024 at 2:00 PM onwards in the Exhibition Hall, Ground Floor, SPAV Campus. Er. Ramesh Konchada (General Manager, AllTerra Solutions) and Er. Mohammad Khalid (Application Specialist, AllTerra Solutions) hosted in collaboration with Trimble, Tekla, and AllTerra. Workshop on Laser Scanning & BIM Modeling. This workshop will focus on laser scanning technologies and Building Information Modeling (BIM).

Coordinator

Dr. P. Siva Prasad
Dr. Uma Sankar Basina
Dr. Faiz Ahmed



Research in Landscape Architecture

2 Day Workshop

October 22, 23, 2024, Department of Architecture

Experts

Dr. Abhijeet Natu,
BKPS, Pune

Dr. Solanki Ghosh
SPA Delhi

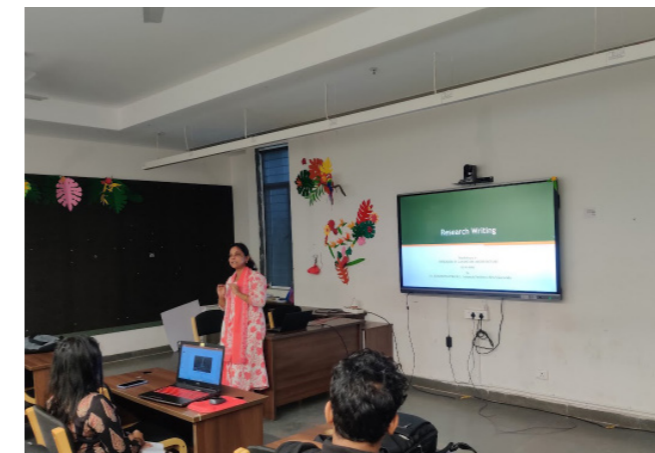
Dr. Faiz Ahmed C
SPA Vijayawada

Dr. Shanmuga Priya
SPA Vijayawada

This workshop provided participants with an in-depth understanding of the current research trends and methodologies in landscape architecture. It explored how research can drive innovation and sustainability in the design and management of outdoor spaces. Participants engaged with experts in the field, collaborated on research-focused activities, and developed strategies for integrating research into professional practice and academics. Objectives include Enhanced understanding of the critical role of research in landscape architecture. Discuss the latest trends and technological advancements shaping the field. Practical experience with research design and methodologies.

Coordinators

Dr. Shanmuga Priya
Ar. Kapil Natawadkar
Ar. Sreeleha C



Smart Mobility & ITS: making Transportation System Safer, Accessible & Equitable

October 24, 2024, Department of Planning

EXPERT



Dr. Gajanand Sharma
Associate Professor
RCGSIDM, IIT Kharagpur

The lecture on “Smart Mobility and is: Making the Transportation System Safer, Accessible, and Equitable,” presented by Dr. Gajanand Sharma, Assistant Professor at IIT Kharagpur, offered a deep dive into the critical aspects of modern urban transportation. Dr. Sharma highlighted the importance of accessibility, key infrastructure parameters, and the intricate correlation between urban mobility and sustainability. He also emphasized the crucial role of safety and equity in shaping inclusive and efficient transportation systems.

Program Coordinator
Mr. Sandeep P

Applications of Surveying, Photogrammetry and GIS in Planning

October 27, 2024, Department of Planning

EXPERT



Er. Soma Jagadish Sai
Faculty, Dept. of CTM - Dr. YSRAFAU

Mr. Soma Jagadish, faculty at Dr. YSR Architecture and Fine Arts University, Kadapa, conducted an engaging one-day workshop on the role of surveying in planning. The morning session introduced advanced instruments like the theodolite and dumpy level, with students gaining valuable hands-on experience. In the afternoon, Mr. Jagadish delivered a lecture on photogrammetry, remote sensing, and GIS, highlighting their applications in planning, followed by a field workshop on using total stations for area computation. The workshop was highly informative and significantly enriched the students’ practical skills.

Program Coordinator
Mr. Sandeep P
Dr. MNV Pavan Kumar

Urban Analytics: Integrating Data-Driven Insights into Urban Design

October 25 & October 26, 2024, Department of Architecture

EXPERT



Ar. Rajita Jain
Urban Designer
EGIS, Gurugram, Haryana

The workshop titled “Urban Analytics: Integrating Data-Driven Insights into Urban Design” was organized by the Department of Architecture, Master of Urban Design (M.U.D) at SPA Vijayawada. This 2-day hands-on workshop took place on 25th and 26th October 2024 in offline mode at the Computer Lab, SPA Vijayawada. The session was conducted by Ar. Rajita Jain, an Urban Designer at EGIS, Gurugram, who provided expert guidance on the integration of data-driven insights into urban design throughout the workshop, participants were introduced to advanced urban analytics techniques, covering computational modeling, spatial data interpretation, and digital tools for urban analysis.

Program Coordinator
Dr. Karteek G
Ar. Sharifunnisa M.



Form Based Codes, Workshop

October 28, 2024, Department of Planning

EXPERT



Dr. Jothikashm Nagammal
Professor & Head
Saveetha College of Architecture
& Design, Chennai

On October 28th, 2024, SPA Vijayawada hosted a one-day workshop titled "Form Based Codes" as part of the Area Planning Studio initiative.

This workshop covered critical topics including Building Form Standards, Public Space/Street Standards, Regulating Plans, Visual aspects of development, and Development form and zoning functions.



Program Coordinator

Dr. Prasanth Vardhan
Dr Rajakumari Muthusamy
Mr. Srikanta Bhargava Teja

Ms. D Aparna Sai
Mr. Sandeep P



National Unity Day

October 29, 2024.

To commemorate National Unity Day and celebrate the ideals of unity, collaboration, and innovation, the School of Planning and Architecture, Vijayawada, organized a remarkable event on October 29, 2024. This unique program combined the National Unity Day Pledge with an inspiring NASA-themed educational session and a prestigious award ceremony. This event has highlighted the achievements of our students' achievements from Zonal NASA competition.



Modern Airconditioning Techniques & Architectural Design Parameters Influencing the Ducting and Layout of HVAC Network

October 30, 2024, Department of Architecture

EXPERT



Dr. B Anand
Genex Consultants
Hyderabad

"Modern Airconditioning Techniques & Architectural Design Parameters Influencing the Ducting and Layout of HVAC Network." This event took place on Wednesday, 30th October 2024, from 2 pm to 5 pm at the 3rd Year BArch Studio at School of Planning and Architecture, Vijayawada. The lecture was delivered by Dr. B Anand from Genex Consultants, Hyderabad.



Program Coordinator
Ar. Karthik Cadalavada





Jatin Kumar
MUD, Year I



NOVEMBER HIGHLIGHTS

Vigilance Awareness Week

November 04, 2024

On 4th November 2024, the School of Planning and Architecture, Vijayawada, proudly observed Vigilance Awareness Week by organizing a pledge-taking ceremony. Faculty, staff, and students came together to reaffirm their commitment to transparency, accountability, and integrity in all aspects of work and life.



Communication in Urban Design, MUD Workshop

November 06 & November 07, 2024, Department of Architecture

EXPERT



Ar. Aditya Hajare
Associate Urban Designer
Sponge collaborator,
Bengaluru

Communication in Urban Design Workshop Successfully Organized at SPA Vijayawada, held on 06 & 07 November 2024. Speaker of the workshop Ar. Aditya Hajare shared innovative approaches to urban design and enhance your skills in shaping sustainable and dynamic urban spaces.

Program Coordinator
Dr. Karteek G
Ar. Akanksha R Horo



Digital Horizons: AI - 3D Tools in Landscape Architecture

November 06 & 07, 2024, Department of Architecture

EXPERT



Ar. Ritik Middy
Interior Designer

For M.Arch (Landscape Architecture) students, explore cutting-edge digital tools and ethical practices in design. Hosted by the Design and Innovation Center, School of Planning and Architecture, Vijayawada.

Program Coordinator
Dr. Shanmuga Priya
Ar. Shreeleha C



Village Development Planning

2 Day Hands-on Workshop

November 08 & 09, 2024, Department of Planning

Program Coordinator

Dr. Rajakumari Muthusamy
Mr. Srikanta Bhargava Teja

Ms. Aparna D
Mr. Sandeep P

EXPERTS



Dr. G. Satyavani
Subject Matter Expert, PR&RD



Shri C. Balaji
State Project Coordinator, PR&RD



This workshop was conducted as part of the Area Planning Studio by the Department of Planning, covering various aspects essential for village-level planning and development.

Day 1 - 8th November 2024: The first day focused on "Village Development Planning" with sessions on decentralised and participatory planning, physical infrastructure aspects, institutional frameworks, and spatial planning guidelines.

Day 2 - 9th November 2024: The second day expanded on topics such as rural infrastructure in the context of development planning, village development plans (VDP/ GPDP), and creating comprehensive Gram Panchayat Development Plans.



Biggest Art Competition in the Telugu States

November 08 - 13, 2024

The "Biggest Art Competition in the Two Telugu States" was successfully organized at the School of Planning and Architecture, Vijayawada, on the 8th and 13th of November 2024. The event, held in collaboration with Dream Young and Children's Art Academy, Vijayawada and Ananth Diamonds, Vijayawada, celebrated the creativity of young talents in the region. Hosted as part of the Pre-Children's Day celebrations, participants showcased their artistic skills in a competitive yet inspiring environment.



Extreme Heat and Cities

November 06, 2024, Department of Planning

EXPERT



Prof. Dr. Rajashree Kotharkar
*Urban Climate Researcher
and Academician*

The lecture on Extreme Heat and Cities, run by Prof. Dr. Rajashree Kotharkar as part of the course Human Settlement and Climate Change, raised topical issues of climate extremes and highlighted the examples of the very dynamic climate changes affected over the period. The speaker pointed out the anthropogenic activities contributing to climate changes, particularly by quick urbanization. Then emphasized the consequence of these changes as a measure of increasing heat, urban heat islands, and other sacrifices posed to the environment. There was emphasis on the intelligent vulnerabilities that cities and their populations pose to the rest of nature regarding climate change, extreme heat waves, deteriorated levels of air quality, and reduced living conditions. This session provided a broad understanding of urbanization and climate change.

Program Coordinator
Dr. Anurag Bagade

Workshop on Impact Assessment and Scenario Building in Environmental Planning Analysis

November 09, 2024, Department of Planning

EXPERT



Dr. Nand Kumar
*Associate Professor
Dept. of Architecture, MNIT, Jaipur*

A workshop on Impact Assessment and Scenario Building in Environmental Planning as part of the Urban Environmental Planning Studio (Thoothukudi Regional Plan). The speaker gave a very enlightening exposition regarding the principles and methodologies of environmental planning. The citation of case area Jaipur for inspiration, which he built up from scratch into an environmental plan. Dr. Kumar provided details about the orderly process of planning, underlining techniques that keep environmental issues in focus. This example provided a clear idea about the importance of integrating sustainability into urban and regional planning. The workshop enhanced their knowledge of how to approach regional planning projects, from impact assessment to scenario building.

Program Coordinator
**Dr. Ayon Kumar Tarafdar,
Dr. Anurag Bagade**



Manual Block Printing

2 Day Hands-on Workshop

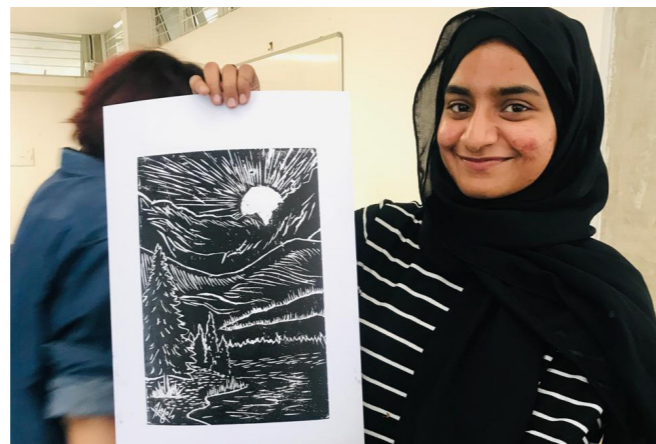
November 08 & 09, 2024, Department of Architecture

EXPERT



Associate Professor
SPAV, Vijayawada
Mr. Santhosh Kumar Pedagadi

This workshop introduces architecture students to woodcut, the oldest printmaking method. Participants will learn to carve designs into seasoned pear wood blocks using knives and tools. The raised areas of the block are inked and printed, while recessed areas remain blank, creating a distinct contrast in the final print. Emphasis will be placed on preparing the woodblock, transferring architectural sketches onto the surface, and mastering the printing process. Students will also explore the technical limitations of woodcuts, such as block size and pressure, and understand how this technique can be applied to architectural design and visual representation.



Chit Chat Chai

An Informal Event

November 14, 2024.

Chit Chat Chai is an informal event organized regularly at the School of Planning and Architecture, Vijayawada (SPAV), aimed at fostering casual yet meaningful interactions among students. Held weekly or monthly, the event brings together students from B.Arch and M.Arch in a relaxed, informal setting, with tea serving as the medium of connection. The sessions are intentionally unstructured, allowing for discussions on a wide variety of topics—ranging from architecture and design to cultural trends, personal experiences, games and random creative ideas.

Coordinators

Prof. Dr. Srinivas Daketi

Ar. Akanksha Ruchi Horo

Ar. Siddesh Mundle



Children's Day Winners Prize Distribution

November 17, 2024.

Children's Day Winners Prize Distribution Program Successfully Organized at SPA Vijayawada. In collaboration with Dream Young and Children's Art Academy and Ananthi Diamonds, the School of Planning and Architecture, Vijayawada successfully hosted the Children's Day Winners Prize Distribution Ceremony on 17th November 2024 at the SPA Vijayawada Auditorium.



Inner City Regeneration

International Workshop

November 22, 2024, Department of Architecture

Guest Speaker

Prof. Dr. Mahesh Daas

Boston Architectural College USA

Speakers

Prof. Dr. Lakshmi Thilagam

Kasilingam School of Architecture, Krishnakoil

Ms. Nikita Madan

Senior Env. Specialist, Climate Center for Cities, NIUA, Delhi

Ar. Asai Thambi

Conservation Architect, Guru Design Studio, Puducherry

Dr. G Karteek

Programme coordinator, MUD, Assistant Professor, SPAV

Coordinators

Dr. G Karteek

Ar. Ch Dheeraj

International Workshop on Inner City Regeneration Successfully Organized at SPA Vijayawada. The prestigious International Workshop on Inner City Regeneration was successfully conducted at the School of Planning and Architecture (SPA), Vijayawada, from 22nd November 2024 onwards. The event featured renowned global and national experts, thought-provoking panel discussions, and a vibrant student work display showcasing innovative urban design solutions. This impactful workshop fostered valuable insights into sustainable urban regeneration and creative approaches to rejuvenating inner-city spaces.



Architectural Practices: Opportunities and Challenges

One Day National Symposium

November 18, 2024, Department of Architecture

Expert Speakers

Ar. Diwakar Chintala

Principal Architect, Studio Chintala, Bangalore

Ar. Biju Kuriakose

Partner, architectureRED, Chennai

Ar. Pavan Kumar Suryadevara

Principal Architect & Associate Partner, Clark Lloyd International, Hyderabad

Ar. Aparna Bidarkar

Principal Architect, Hue Designs, Hyderabad

Ar. Manohar Kamireddy

Principal Architect, Stare India, Vijayawada

Ar. Kavitha Mohanraj

CEO, Founding Partner, INTO Designs, Chennai

Ar. Sapan Gupta

Head of Master Planning & Design, GMR Hyderabad Intel. A. Ltd.

Ar. Raghavendra Kuppuswamy

Principal Architect, Studio Chintala, Bangalore

Ar. Tauqeet Ahmed

Senior Designer, Valuelabs, Hyderabad

Dr. Janmejy Gupta

Associate Professor, SPA Vijayawada

Ar. Vijesh Kumar V

Assistant Professor, SPA Vijayawada

Ar. Madhava Rao T

Assistant Professor, SPA Vijayawada

Event Highlights: National Symposium on Architectural Practice The One Day National Symposium on Architectural Practice: Opportunities & Challenges was successfully organized on 18th November 2024 at Krishnaveni Sabhagaar, SPA Vijayawada. The event brought together renowned architects, academicians, and students, fostering thought-provoking discussions on balancing tradition, innovation, sustainability, and the evolving challenges in architecture.



Coordinators

Dr. Faiz Ahmed C

Dr. Venkata Krishna Kumar Sadhu



Yuva Sangam Phase 5

Andhra Pradesh to Utter Pradesh

November 25, 2024.

Yuva Sangam 2024 | SPA Vijayawada | Ek Bharat Shreshtha Bharat | Flag-Off Ceremony Highlights .The much-anticipated “Yuva Sangam”, an initiative under the Ek Bharat Shreshtha Bharat program, was successfully organized at SPA Vijayawada on 25th November 2024. The event brought together vibrant young minds to celebrate the spirit of cultural exchange and national unity. Students from all over Andhra Pradesh got a chance to explore the Culture and Significance of Utter Pradesh for a week, their Journey started from SPAV on 25th November. Faculty from SPAV accompanied the students on this trip.



Cut Fold Construct

3-Day Hands-on Workshop

26th, 27th, 28th, November 2024, Department of Architecture

EXPERT



Instructor
Mr. Arun Desai

The School of Planning and Architecture, Vijayawada, is hosting a Paper Engineering Workshop titled "CUT FOLD CONSTRUCT" from November 26 to 28, 2024, exclusively for 1st-year B.Arch students and interested participants. Led by India's only Paper Engineer, Arun Desai, the workshop will cover folding techniques, twisted constructions, 3D paper cutting, and prototyping exercises, fostering creativity and innovation in paper-based model-making.



Program Coordinators

Dr. Prasanti Rao

Shri. Santosh P

Ar. Shreeleha C

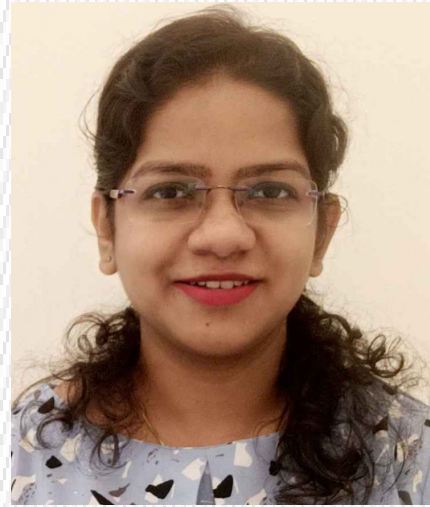


ENVI-met

3-Day Hands-on Workshop

November 28 to 30, 2024, Department of Architecture

EXPERT



Dr. Shreya Banerjee
CETSD, IIT Jodhpur

The workshop provided a platform for participants to explore the ENVI-met software, its applications, and hands-on simulations to understand and design climate-responsive environments. Enthusiastic participation from students, researchers, and professionals, who gained valuable insights into analyzing and designing urban microclimates. The sessions were expertly curated and delivered by Dr. Shreya Banerjee, whose knowledge and expertise enriched the learning experience.

Program Coordinators
Dr. Lilly Rose A



Urban Conservation Concepts & Cases

November 09, 2024, Department of Architecture

EXPERT



Dr. Nisar Khan
Professor
Faculty of Architecture & Ekistics
Jamia Millia Islamia

As part of the M.U.D. Lecture Series organized by the Department of Architecture at SPA Vijayawada, a talk titled “Nurturing Kinship in City Making” will be delivered by Nidhi Batra, Architect and Urban Designer, and Co-Founding Director of Sehreethi Development Practices, Gurugram. The session is scheduled for 29th November 2024 at 11:00 AM and will be held in online mode.

In this lecture, Nidhi Batra will share insights on building relationships and inclusive communities through urban design. Drawing from her practice and projects, she will discuss how city-making can go beyond infrastructure to foster empathy, collaboration, and a deeper sense of kinship among citizens.

Program Coordinator
Dr. Karteek G

Nurturing Kinship in Cities

November 29, 2024, Department of Architecture

EXPERT



Nidhi Batra
Architect and Urban Designer
Co-Founder Director
Sehreethi Development Practices
Gurugram

As part of the M.U.D. (Master of Urban Design) Lecture Series organized by the Department of Architecture, SPA Vijayawada, an online lecture titled “Nurturing Kinship in City Making” will be delivered by Nidhi Batra, an architect and urban designer, and Co-Founding Director of Sehreedit Development Practices, Gurugram. The session will explore how urban design can foster relationships, inclusivity, and a sense of community within city environments. Scheduled for 29th November 2024 at 11:00 A.M., the lecture emphasizes the social dimensions of urban design and its role in shaping meaningful connections in urban spaces.

Program Coordinator
Dr. Karteek G



Iswarya Lakshmi S
MUD, Year I

A modern interior space, likely a lobby or atrium, featuring a large, bright window in the center. The space is illuminated by warm, recessed lighting along the base of the walls and ceiling. The architecture is clean and minimalist, with a focus on light and space. A staircase is visible on the left side of the frame.

DECEMBER HIGHLIGHTS

Atal Mission For Rejuvenation & Urban Transformation

AMRUT

December 03, 2024.

The School of Planning and Architecture (SPA), Vijayawada, has been recognized as one of the prestigious AMRUT-funded centers by the Ministry of Housing and Urban Affairs (MoHUA), Government of India. This recognition highlights SPA Vijayawada's pivotal role in contributing to urban development and planning under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) initiative.

To commemorate this milestone, the official web portal of the AMRUT Centre at SPA Vijayawada was inaugurated. The launch event was graced by:



Dr. Ar. Amogh Kumar Gupta, Chairperson, Board of Governors, SPA Vijayawada, Shri Lanka Dinakar, Chairman of the 20-Point Programme, Government of Andhra Pradesh, Prof. Dr. Ramesh Srikonda, Director, SPA Vijayawada.

The newly launched web portal will serve as a platform to disseminate knowledge, share resources, and facilitate collaboration in urban planning and development. This marks a significant step forward in aligning SPA Vijayawada's academic and research capabilities with the national agenda for sustainable urban development.



Stakeholders Workshop on IMD's Weather & Climate Services for Andhra Pradesh

December 20, 2024.

Successful Organization of the Stakeholders Workshop on IMD's Weather and Climate Services for Andhra Pradesh. This workshop brought together key stakeholders to discuss Weather and Climate Services for Andhra Pradesh and was graced by Chief Guest: Shri. R.P. Sisodia, I.A.S., Special Chief Secretary to Government, Andhra Pradesh. Guest of Honour: Prof. Dr. Ramesh Srikonda, Director, SPA Vijayawada. The event was organized in collaboration with the Meteorological Centre, Amaravati, with the coordination of Smt. S. Stella, Scientist F.



Empowering Youth Through Regional Dialogue: Up To Ap

Yuva Sangam Phase 5

December 22, 2024

The School of Planning and Architecture (SPA), Vijayawada, has hosted the delegates of Yuva Sangam Phase 5 trip from Uttar Pradesh. Students from U.P. got a chance to indulge in local cultures and traditions. This one week trip came to an end with a Valedictory Session of the Yuva Sangam 2024 Delegation (UP to AP). Yuva Sangam Phase 5 is an incredible journey of cultural and intellectual exchange under the Ek Bharat Shreshtha Bharat initiative.



13th AISSQ Conference

December 29, 2024

The 13th AISSQ Conference: Science & Spiritual Quest was successfully organized at the School of Planning and Architecture (SPA), Vijayawada, on 28th and 29th December 2024. This prestigious event brought together eminent scholars, researchers, and students to explore the profound connections between science and spirituality, featuring inspiring lectures, panel discussions, and cultural programs.



Koushal-2024 State Level Science Competition

December 30, 2024

Koushal-2024 State Level Science Competition successfully held at SPA Vijayawada on December 30, 2024, with Chief Guest Gadde Rama Mohan (Member of Andhra Pradesh Legislative Assembly) in attendance. The Koushal-2024 State Level Science Competition, organized by Bharatiya Vijnana Mandali, Andhra Pradesh, and Vibha, successfully took place on December 30, 2024, at SPA Vijayawada.

The event aimed to promote scientific innovation and foster curiosity among students across the state, celebrating the contributions of eminent Indian scientists.





Paigah tombs, Hyderabad

Gautham Prasad

STUDY TOURS

- 102. Bachelor of Architecture - Yr 1, Sem 1
- 104. Bachelor of Architecture - Yr 2, Sem 3
- 106. Bachelor of Architecture - Yr 3, Sem 5
- 108. Bachelor of Architecture - Yr 5, Sem 9
- 110. Master of Architecture - Architectural Conservation - Yr 1, Sem 1
- 112. Master of Architecture - Architectural Conservation - Yr 2, Sem 3
- 114. Master of Architecture - Landscape Architecture - Yr 1, Sem 1
- 116. Master of Architecture - Landscape Architecture - Yr 2, Sem 3
- 118. Master of Architecture - Sustainable Architecture - Yr 1, Sem 1
- 120. Master of Architecture - Sustainable Architecture - Yr 2, Sem 3
- 122. Master of Architecture - Master of Urban Design - Yr 1, Sem 1
- 124. Master of Architecture - Master of Urban Design - Yr 2, Sem 3
- 126. Bachelor of Planning - Yr 1, Sem 2
- 128. Bachelor of Planning - Yr 2, Sem 3
- 130. Bachelor of Planning - Yr 3, Sem 5
- 132. Bachelor of Planning - Yr 4, Sem 7
- 134. Master of Planning - Environmental Planning Management - Yr 2, Sem 3
- 136. Master of Planning - Transport Planning - Yr 2, Sem 3
- 138. Master of Planning - Urban and Regional Planning - Yr 2, Sem 3

At School of Planning and Architecture, Vijayawada, study trips are an integral part of the curriculum across all semesters. These field excursions are designed to give students a hands-on experience of real-world architectural and planning challenges, enabling them to explore and analyze diverse urban and rural contexts. Each semester, students are taken to different locations, from heritage sites and cities known for their architectural significance to emerging urban developments and eco-sensitive regions. These study trips allow students to directly engage with spatial environments, local cultures, and the socio-economic dynamics that influence design and planning.

Bachelor of Architecture, Year 1, Sem 1

Area of Visit

Hampi



Course Instructors

Dr. Srinivas Daketi
Mr. Santhosh Kumar P
Ar. Madhav Rao T

Ar. Komal Gilda
Ar. Hiba T
Ar. Sreeleha C
Ar. Tanaya



The study trip provided valuable exposure to architectural thinking through real-life examples. Students gained practical insights into how context, materiality, space, form, and design principles interact in built environments. The observations and documentation carried out during the trip will support their understanding and application of design knowledge in future studio projects.

During the trip, students explored key architectural aspects through direct observation and sketching. They studied how topography influenced building placement, levels, and material use, noting how construction

responded to landforms. Architectural elements such as walls, openings, and columns were analyzed for their role in shaping spatial experiences. Students documented transformations in form—like additions and subtractions—and their impact on function and identity. Perceptions of scale and proportion were observed at varying distances, emphasizing human interaction with space. Finally, the application of design principles such as symmetry, rhythm, and hierarchy was examined to understand their role in creating cohesive and visually engaging architecture.

Bachelor of Architecture, Year 2, Sem 3

Area of Visit

Jaisalmer, Jaipur



Course Instructors

Dr Sadhu Krishna Kumar

Dr. R N S Murthy

Dr. Ch Anil Kumar

Ar. Srinivas

Ar. Agarwal Rohan

Ar. Jayashree



The Objective of this study tour across Rajasthan—covering schools in Jaisalmer, Jodhpur, and Bhilwara—highlighted the essential role of climate-responsive design in educational spaces, especially in arid environments.

Each school we studied offered a unique perspective: from addressing the needs of underprivileged communities in Jaisalmer, focusing on sustainability in every aspect of design in Jodhpur, to prioritizing child psychology and catering to privileged students in Bhilwara.

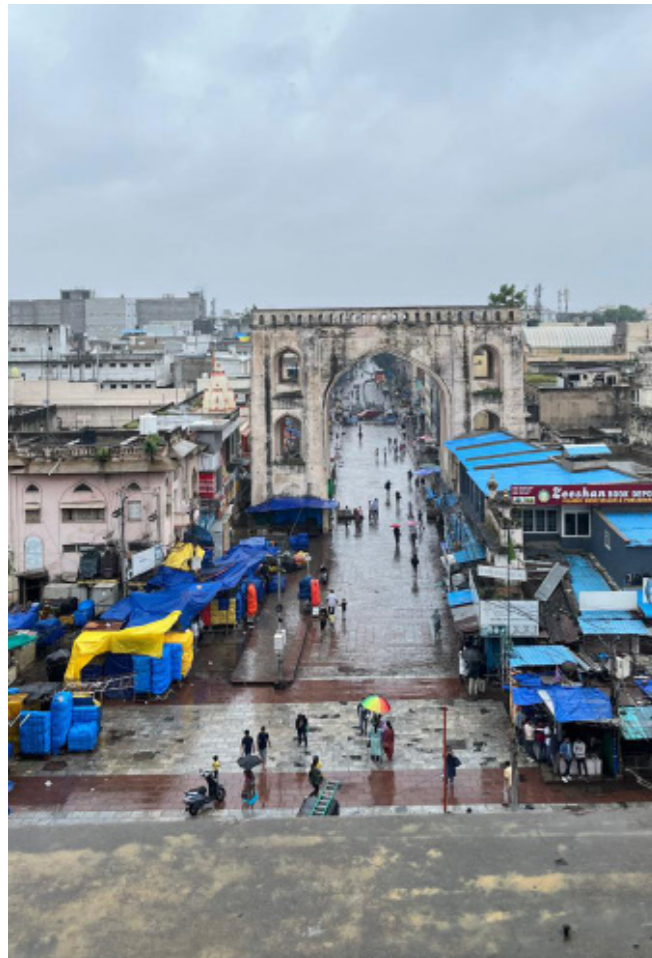
These diverse case studies underscored the importance of designing schools that not only provide education

but also respond thoughtfully to the climatic and social context, ensuring comfort, sustainability, and inclusivity.

Bachelor of Architecture, Year 3, Sem 5

Area of Visit

Hyderabad



Course Instructors

Prof. Dr. Vijayalakshmi Iyer K

Dr. Janmejoy Gupta

Dr. Prashanti Rao

Ar. Ch Karthik

Ar. Gokul kailash A

Ar. Deepthi Varghese

Ar. Siddesh Mundle

Ar. Vedula Shanmuka Teja



The study trip served as an exceptional learning experience by offering profound insights into the complex interplay between architecture, urbanism, and socio-cultural dynamics in traditional Indian markets. These markets, which are integral to the fabric of Indian cities, reflect not only commercial activity but also the cultural, social, and historical context of the communities they serve. Each market visited during the trip showcased distinct characteristics in terms of layout, building materials, and organization, providing students with a wide range of examples of heritage conservation and adaptive reuse in action.

Bachelor of Architecture, Year 5, Sem 9

Area of Visit

Secunderabad, Telangana.



Course Instructors

Dr. Uma Shankar Basina

Ar. Vijesh Kumar V

Ar. Akanksha Ruchi Horo

Ar. C. Dheeraj Venkata Manikanta

Ar. Sharifunnisa M

Ar. Kapil Natadawakar



The 7-day urban design study of the precinct revealed both challenges and opportunities within the residential-commercial fabric of the area. The significant mismatch between assigned land use and actual building use highlights the need for better land-use management. Functional diversity, including a mix of residential and commercial activities, contributes to the area's vitality but also complicates infrastructure and urban design.

Challenges such as flooding during rains, insufficient pedestrian infrastructure, and traffic congestion were observed, especially during peak hours. Street character surveys showed that certain junctions, despite being key movement areas, lack sufficient amenities and suffer from congestion. The disparity in building heights and use further contributes to inconsistent urban growth, presenting opportunities for more cohesive zoning and development.

Master's in Architectural Conservation, Year 1, Sem 1

Area of Visit

Hampi, Andhra Pradesh



Course Instructors

Ar. Sanjay Bhandari

Ar. Pankaj Modi

Ar. Williams (VF)



The primary objective of the first-semester studio is to familiarize students with the fundamentals of heritage sites through a combination of training modules and practical studio exercises, with a particular emphasis on heritage documentation. By the end of the semester, students are expected to study and gain a thorough understanding of historic buildings and sites, laying the foundation for forthcoming studies in Architectural conservation on different scale and context.

Master's in Architectural Conservation, Year 2, Sem 3

Area of Visit

Vizag Andhra Pradesh



Course Instructors

Ar. Renuka Wakharkar

Ar. Sushant Bharti

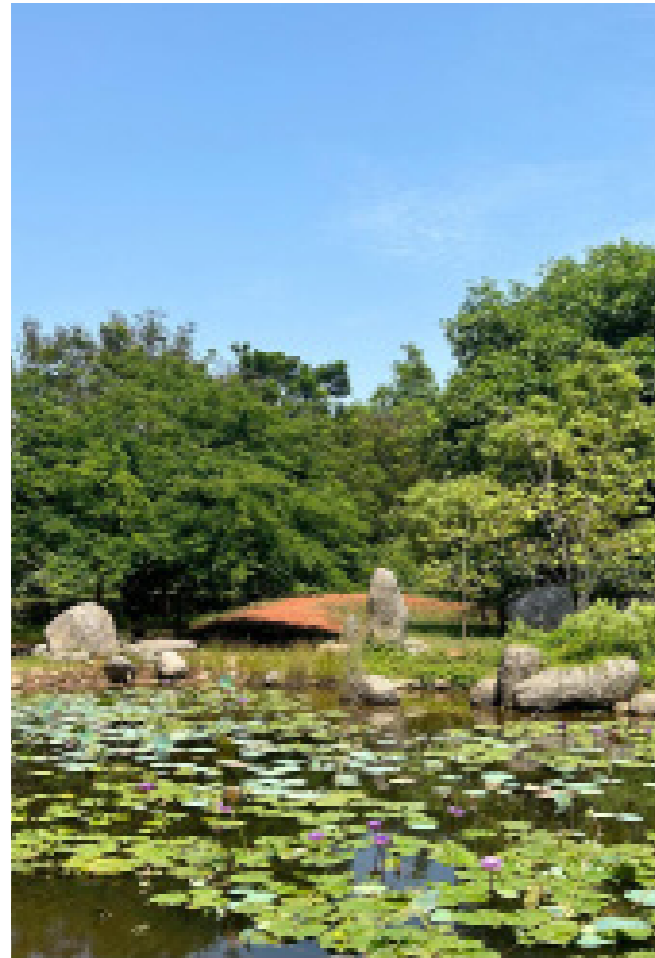


This report outlines the significant activities conducted over ten days, focusing on documentation techniques, understanding the cultural and architectural landscape of Buddhist sites, and heritage resource mapping through various methods, including manual, photographic, and aerial documentation.

Master's in Landscape Architectural, Year 1, Sem 1

Area of Visit

Chennai, Pondicherry



Course Instructors

Dr. Shanmuga Priya

Ar. Deepak Rao



Through interactions with Ar. Babji and Ar. Ravikumar, students learnt how to successfully carry out various scale projects in a way that is more inventive and sustainable. Students visits to Chennai's parks helped them understand how neglected land can be preserved for the environment and made accessible to the general public. They learnt through visit to Auroville how a piece of barren land was converted into a forest so that people could live there. Indigenous plants and trees were used in the gardens and schools we visited. Botanical garden visit was an exposure to various thematic gardens.

Master's in Landscape Architectural, Year 2, Sem 3

Area of Visit

Pune

Course Instructors

Dr. Banu Chitra M



The study tour for the Master in Landscape Architecture 2 Year III semester students took place in IUCAA, NIBM, Kondhwa, Kirloskar Institute of Management, Village Dhamane, CDSA, MIT, CCBA, Empress Botanical garden, Karla caves and Khas Plateau to understand the importance of natural landscape and Detailed Case study provides an understanding on the campus landscape.

Master's in Sustainable Architectural, Year 1, Sem 1

Area of Visit

Jodhpur, Rajasthan

Course Instructors

Dr.Lilly Rose A

Dr.Shreya Banerjee



The design studio focused on simple passive strategies is to gain practical insights into the application of passive design techniques in architecture. Students will enhance their understanding of how natural elements—such as light, air, and thermal mass—can be utilized to create energy-efficient buildings. By analyzing existing examples and engaging with experts, students will learn to develop sustainable design solutions that reduce reliance on mechanical systems. Ultimately, the visit aims to inspire innovative thinking and equip participants with the skills to incorporate passive strategies into their future architectural projects.

Master's in Sustainable Architectural, Year 2, Sem 3

Area of Visit

Hyderabad



Course Instructors

Dr. Faiz Ahmed C



The primary objective of our recent visits was to provide a comprehensive understanding of sustainable architectural practices through immersive real-world examples. At the CIISohrabji Godrej Green Business Centre, we explored energy efficiency, sustainable materials, and green building certifications. The GRIHA Conclave offered insights into climate action in architecture and the impact of green building standards in India.

In the case study of the KMC building highlighted advanced green design features and energy efficient systems. The session with Terra Viridis introduced us to the integration of eco-friendly practices and the use of simulation tools for design decisions. These experiences collectively aimed to deepen our understanding of sustainable architecture and equip us with the knowledge to implement innovative, environmentally responsible solutions in our future careers.

Master's in Architecture, Urban Design, Year 1, Sem 1

Area of Visit

Pondicherry

Course Instructors

Dr. G. Karteek

Ar. Dheeraj Ch



Urban spaces are defined by several key elements that shape their imageability—the ease with which individuals perceive and navigate their environment. Edges act as boundaries or transitions, such as walls, shorelines, or streets, influencing movement by either acting as barriers or remaining permeable. Districts are identifiable areas characterized by shared traits, like residential neighbourhoods or commercial zones, fostering a sense of place. Landmarks, including buildings, monuments, and natural features, serve as essential reference points for orientation.

Nodes function as focal points where activities and transportation converge, while paths—streets, walkways, and transit lines—provide routes for movement through the urban landscape. The study of urban morphology examines the spatial arrangement and evolution of these elements over time, focusing on the interplay of streets, blocks, and buildings.

Master's in Architecture, Urban Design, Year 2, Sem 3

Area of Visit

Hyderabad

Course Instructors

Ar. Deepak Kumar



In the Design Studio, students refine their architectural design skills by applying theoretical knowledge to their design solutions. Each student or team must present key concepts and design philosophy at the end of the Studio, supported by advanced diagnostic and computational tools. Creating networks and platforms for sharing ideas is crucial for knowledge dissemination. They are equipped to tackle urban design projects on practical ground using public participation.

They Covered Nampally and BANSILALPET WARD is a central locality in Hyderabad, known for its historical significance, cultural diversity, and vibrant commercial activity.

Bachelor of Planning, Year 1, Sem 1

Area of Visit

Vijayawada

Course Instructors

Dr. Rajakumari M

G. L. Pranathi

N. Pushyami



The Field trip, which was organised by the Department of Planning of SPAV provided the students with enormous knowledge regarding street mapping and their aspects in planning. The trip was held to analyse a few streets of Vijayawada, such as Guru Nanak Colony Road, Polyclinic Road, Siddhartha College Road, Mahanadu Road, High School Road and Road No. 7. This trip enlightened the students about important planning aspects such as land use, building heights, and transportation, which helped them to obtain a SWOT Analysis, which provided an overview of the entire street mapping exercise lessons.

In Conclusion, The Study tour granted them hands-on experience and valuable knowledge which kickstarted the students planning journey.

Bachelor of Planning, Year 2, Sem 3

Area of Visit

Delhi, Vijayawada



Course Instructors

Ms. Ekta

Ms. Monica

Dr. Bhagwat Jayeshkumar Maheshkumar



The study tour to Delhi and Vijayawada provided students with invaluable insights that significantly enhanced their understanding of site analysis and informed their work in the Built Environment and Site Planning Studio. In Delhi, students observed the complexities of infrastructure development in a major urban center, analyzing housing typologies, public transport systems, and sustainable urban practices.

This exposure to real-world urban issues highlighted the importance of site analysis in understanding the interplay between geography, climate, and infrastructure. In Vijayawada, students examined the challenges of balancing rapid urban growth with environmental sustainability, reinforcing the need for thoughtful, adaptable site planning. By observing and engaging with the urban environments in both cities, students developed a deeper appreciation for how geographical and cultural factors shape planning strategies.

The studio also provided practical insights into urban planning concepts like the 15-Minute City and Eco City, guiding students to refine their design approaches for more sustainable and inclusive urban spaces. This experience enhanced their ability to assess site conditions, infrastructure requirements, and demand assessments, preparing them for more nuanced, context-sensitive planning in future studio projects.

Bachelor of Planning, Year 3, Sem 5

Area of Visit

Visakhapatnam

Course Instructors

Dr. Prasanth Vardhan

Dr. Naina Gupta



The B.Plan - V Semester students embarked on a study trip to Visakhapatnam as part of their Area Development Planning Studio. The trip aimed to collect primary field data and engage with public officials to enhance their understanding of urban planning challenges and opportunities at the neighborhood level. Over a course of ten days, students explored three neighborhoods in the city—MVP Colony, Jagadamba Centre, and Arilova Colony—each presenting distinct planning contexts and issues.

A significant highlight of the trip was the interaction with officials from Greater Visakhapatnam Municipal Corporation (GVMC) and Visakhapatnam Metropolitan Region Development Authority (VMRDA). These sessions provided insights into the statutory frameworks, planning regulations, and tools used for city-level development.

Students conducted on-site surveys, including road inventories, household assessments, and infrastructure mapping, allowing them to contextualize planning theories with real-world conditions. In addition, they engaged with community stakeholders to understand local needs and

perspectives.

The trip offered a hands-on learning experience, bridging classroom concepts with the practical aspects of urban planning. It emphasized the importance of integrating technical knowledge with community priorities while exploring innovative land development models and tools such as Transferable Development Rights (TDR), land pooling, and plot reconstitution. By understanding their application in addressing fragmented land ownership, optimizing land use, and promoting sustainable urban growth, students gained valuable insights to propose

context-sensitive and inclusive development strategies for Visakhapatnam's neighborhoods.

Bachelor of Planning, Year 4, Sem 7

Area of Visit

Trivandrum



The B.Plan IVth year class went on a study trip to Thiruvananthapuram as part of their work on the Spatial District Development Plan. The trip was organized to collect field data and engage with public officials to better understand regional planning processes. Over several days, students surveyed the district and explored its distinct geographical features, cultural diversity, and social structure. A key highlight of the trip was a meeting with the Local Self Governance Department of Kerala, where students learned about the state's approach to decentralized planning. They also visited the Panchayat office in Attingal to gain insights into grassroots-level

governance.

In addition to these visits, the students interacted with officials from the Kerala State Planning Board and the Kerala Industrial Development Corporation. These discussions offered a deeper understanding of industrial and spatial planning in the region. Overall, the trip provided a hands-on learning experience, connecting classroom concepts with the practical challenges and successes of planning in Kerala.

Course Instructors

Mr. Rajeev

Dr. Arpan Paul Singh



Master's of Environmental Planning Management, Year 2, Sem 3

Area of Visit

Thoothukudi



Course Instructors

Dr. Ayon Kumar Tarafdar

Dr. Anurag B

Thoothukudi, fondly known as the “Pearl City,” is a vibrant district in Tamil Nadu with a unique blend of natural beauty, history, and industry. Situated along the shores of the Gulf of Mannar, it is celebrated for its vibrant port, which serves as a significant center for maritime trade and commerce. The district’s salt pans are a defining feature, contributing significantly to India’s salt production. Thoothukudi’s economy flourishes through sectors such as fishing, salt production, and maritime shipping. Additionally, it has emerged as a growing industrial hub with power plants and chemical industries. The serene beaches, such as Roche Park and the nearby bird sanctuary

in Koonthankulam, attract visitors seeking relaxation and a connection with nature.

Despite its industrialization, Thoothukudi faces challenges like environmental pollution and the need for sustainable development. Efforts are underway to balance growth with ecological preservation, ensuring the district retains its charm and vitality for future generations. In the Regional Planning Studio, the students chose Thoothukudi district as their study site, recognizing its immense potential for future development across various sectors, including the environment and economy. The

primary objective was to analyze the district’s current situation comprehensively and understand the challenges and opportunities it presents.

Thoothukudi, with its rich natural resources, thriving industries, and strategic coastal location, offers significant scope for sustainable growth. Through detailed analysis, they explored the region’s strengths, such as its maritime economy, salt production, and biodiversity, while identifying pressing issues like environmental degradation, industrial pollution, and urbanization pressures.

By understanding these dynamics, they focused on proposing strategic interventions that cater to the needs of the growing population while ensuring long-term sustainability. The proposals aim to balance development with environmental preservation, promote economic diversification, and enhance the quality of life for residents. This project allowed them to delve deeper into regional planning, emphasizing the importance of informed decision-making and inclusive development.

Master's of Urban and Regional Planning, Year 2, Sem 3

Area of Visit
Jaipur



Course Instructors

Dr. Adinarayanane R
Dr. Valliappan AL



The study tour was focused on equipping the students with practical insights into the complexities of regional planning by engaging them in the preparation of a district-level plan document. This exercise, as part of the Regional Planning Studio, was focused on gathering and analysing critical data across multiple sectors to develop skills in forecasting and crafting actionable recommendations. Through working on live case areas, the students conducted field-based studies and sectoral analyses that provided them with a detailed understanding of regional dynamics. This hands-on process helped enhance their ability to comprehensively evaluate socio-

economic, environmental, and infrastructural aspects. The culmination of this process was the formulation of a Regional Development Plan, which integrated diverse findings into a cohesive strategy. This experience bridged theoretical concepts with practical applications and enhanced the ability of the students to deal with real-world planning challenges.

Master's of Transport Planning, Year 2, Sem 3

Area of Visit

Visakhapatnam



The study tour for 2nd-year, 3rd-semester MTP students focused on developing an Integrated Public Transportation Plan for Visakhapatnam. Over 13 days, the students conducted various surveys, including reconnaissance survey, road inventory, on-board and off-board survey, public transport feedback, origin-destination surveys, speed and delay analysis, and household surveys.

They also gathered insights from IPT (Intermediate Public Transport) user and operator surveys, non-motorized transport user surveys, and public transport depot and terminal studies. Visit to key offices such as APSRTC, RTO, VMRDA, GVMC, and the City Police provided valuable secondary data for the study. The journey began on August 26, 2024, with a night train to Visakhapatnam, and every day was packed with fieldwork and meaningful interactions.

Course Instructors

Dr. MNV Pavan Kumar

Dr. Bhagwat Jayeshkumar Maheshkumar



The experience not only helped students understand the complexities of urban mobility but it also gave them a chance to engage with local stakeholders and witness real-world transportation challenges. The tour concluded with valuable learnings and a deeper appreciation for integrated public transport planning, as the students returned to SPA Vijayawada on September 8, 2024.

Master's of Planning, Year 1, Sem 1

Area of Visit

Hyderabad, Pendyala, Paritala, Gudivada

Course Instructors

Dr. Rajakumari M
Mr. Bhargav Teja S
Ms. Aparna D

Mr. Sandeep P



The M. Plan. 1st year batch visited Paritala and Gudivada in Andhra Pradesh as a part of their Area Development Plan Studio. The batch was introduced to the course with an introductory on-site study in Hyderabad, Telangana. The batch initiated its venture into urban planning by exploring the city at various locations and observing what a city provides and requires. The trip provided the students with first-hand experience interacting with officials in the Greater Hyderabad Municipal Corporation, locals of the city and other experts. The study enabled the students to be exposed to how urban areas function.

The studio had two main projects, a Village Development Plan and an Area Development Plan. The involvement of the studio in learning about Paritala village and the Panchayat provided the students with a new outlook as to how planning interventions and aspects could be conducted in rural areas. From data retrieval, analysis and recommendations, the entire process and The Village Development Plan; the resultant document prepared by the students helped formulate thoughts, ideas and proposals that focus on the betterment of the community.

The second focus project, Area Development was focused on Gudivada in Andhra Pradesh. This being the first urban planning project, the students gained insights into varying sectors namely governance, demography, land use, housing, transportation, physical infrastructure, social infrastructure, urban design, economy, industries and tourism. Overall, the exposure provided to the students enabled them to observe, understand, interpret and analyse the study areas. After which, under the expert guidance, the students formulated ideas, concepts and proposals that will benefit the community and foster planned urban growth using various strategies.

INSTITUTION'S INNOVATION COUNCIL

Fostering Innovation And Entrepreneurship, SPAV

In alignment with the vision of the Ministry of Education (MoE) and the All India Council for Technical Education (AICTE), SPA Vijayawada proudly hosts the Institution's Innovation Council (IIC). Established under the MoE's Innovation Cell (MIC) initiative in 2018, the IIC aims to systematically nurture a culture of innovation and entrepreneurship within our institution.

The IIC at SPA Vijayawada actively engages faculty, students, and staff in a wide range of activities, from ideation and problem-solving to design thinking, intellectual property rights (IPR), and project management at the pre-incubation and incubation stages. By participating in these initiatives, our community contributes to the broader goal of establishing a vibrant innovation ecosystem within higher educational institutions (HEIs) across India.

The IIC model is distinct in its approach, offering a flexible calendar of activities, a scoring and reward system, decentralized operations, and robust progress monitoring, all coordinated through a digital platform. This approach has proven to be sustainable and scalable, making a significant impact on the innovation landscape of HEIs. SPA Vijayawada's IIC has become a cornerstone of our efforts to cultivate entrepreneurial spirit and innovative thinking among our students and faculty, aligning with India's growing prominence in the global innovation arena.

Functions of the IIC at SPA Vijayawada:

- Conducting innovation, IPR, and entrepreneurship-related activities as per MIC guidelines.
- Recognizing and rewarding innovative ideas and sharing success stories.
- Organizing workshops, seminars, and interactions with entrepreneurs, investors, and professionals, creating a mentor pool for student innovators.
- Networking with peer institutions and national entrepreneurship development organizations.
- Highlighting innovative projects by our faculty and students through an institution-specific innovation portal.
- Hosting hackathons, idea competitions, and mini-challenges in collaboration with industry partners.



Dr. Ramesh Srikonda

Director, Professor, SPAV

President

Dr. Ayon Kumar Tarafdar

Dean(Academics), Professor, SPAV

IPR Activity Co-ordinator

Dr. Vijayalaxmi Iyer K

Professor, SPAV

Vice-President

Dr. Lilly Rose, Associate Professor, SPAV

Convenor

Dr. Prashanth Vardhan, Associate Professor, SPAV

NIRF Co-ordinator

Dr. Srinivas Daketi, Associate Professor, SPAV

Social Media Co-ordinator

Dr. Venkata Krishna Kumar, Associate Professor, SPAV

Internship Activity Co-ordinator

Mr. Santhosh Kumar, Assistant Professor, SPAV

Innovation Co-ordinator

Ar. Madhava Rao, Assistant Professor, SPAV

Start-up Co-ordinator

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Ar. Rohan Agrawal, Assistant Professor, SPAV

Ar. Samanth Kumar T, Assistant Professor, SPAV

Ar. Komal Gilda, Assistant Professor, SPAV

Ar. Hiba Thayyil, Assistant Professor, SPAV

STUDENT CLUBS

Club 29

Club 29 – the vibrant dance hub of SPA Vijayawada. Here, students from diverse backgrounds unite to explore dance genres ranging from Indian classical to hip hop. Through student-led workshops and dynamic performances, we celebrate creativity, passion, and the joy of movement.



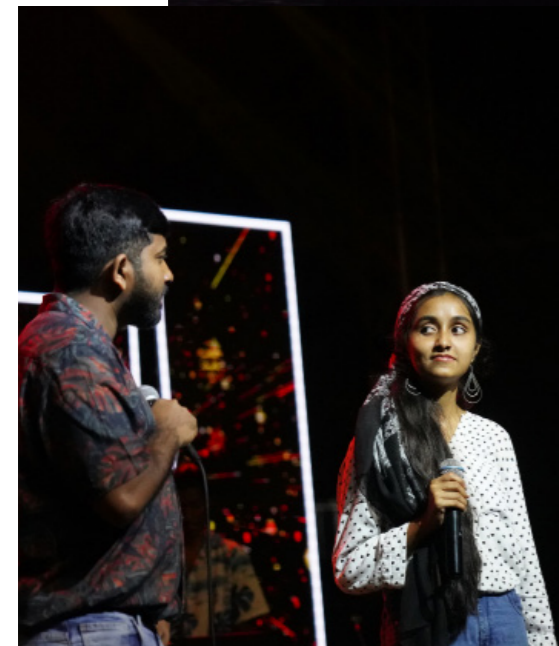
Club Atelier

Atelier 64 is the tribute to the 64 classical art forms that have shaped India's rich cultural heritage. It is a space for creators to explore, collaborate, and push the boundaries of art.



Club Avant Garde

Avant Garde, the fashion club of our college, highlights the creativity of designers and the artistry of models. Designers take the lead in crafting unique costumes, pushing the boundaries of fashion, while models bring these creations to life through dynamic performances.



Club Ritmo

Ritmo is SPAV's vibrant music club that fosters creativity and collaboration among students. It offers a platform for musicians of all levels to share their talents, explore various genres, and participate in performances and workshops. The club promotes a sense of community and passion for music, making it a hub for artistic expression on campus.





Ground Zero

Step into the world of Ground Zero Club, where college events burst into life ! Our energetic team of students designs and builds installations from scratch using top-quality materials and innovative techniques, transforming ordinary venues into interactive masterpieces. Each event becomes an immersive celebration of creativity and team work—witness the power of our collective passion in action.



Club iO

Club iO is a space where technology meets creativity. From hands-on workshops that explore the latest in tech to fun gaming events that bring out competitive spirits, the club is all about exploring digital frontiers. Movie screenings, interactive sessions, and innovative activities make it a hub for those who love tech in all its forms.



Club Sports

Sports promote fitness, team work, and leadership, fostering unity and competition. Tournaments and intercollegiate meets provide a platform for talent and camaraderie. Our main goal was to ensure active student participation, enhance sports infrastructure and equipment, and establish a structured system involving both faculty and students for better coordination and growth.

Club Tasveer

A platform for photography enthusiasts to capture moments and tell stories through the lens. Activities: Competitions, workshops, and collaborations. Event documentation and exhibitions. Annual photography walk exploring Vijayawada. Tasveer fosters creativity and community while preserving SPAV's memories.



Club Natura

Club Natura of SPAV, is a student-led initiative dedicated to environmental awareness and appreciation. Club Naturafosters avibrant community of nature enthusiasts by organizing engaging workshops, informative talks led by experts, and exhilarating treks that explore the natural wonders surrounding Vijayawada. We invite all SPAV students passionate about nature to join us in exploring, learning, and making a lasting impact on our environment.



Club Monologue

In the Monologue Club, Drama club of college, we think performing/ acting is about expressing truth, evoking emotion, and bringing stories to life. We dive into diverse characters, push creative boundaries, and challenge ourselves to grow as performers. Whether you're looking to discover new skills or express your passion for storytelling, this is the place to explore, create, and connect with others who share the same love for the craft.



Club Anaadyanta

Aim: To encourage a passion for heritage and culture among SPAV students, fostering a deep understanding and appreciation for India's diverse artistic expressions, traditions, and historical significance. Vision: To empower future architects and planners who are both technically proficient and culturally aware, drawing inspiration and insights from the richness of their heritage.

Club Spavelo

SPAVELO, the SPAV Cycling Club, embodies a vibrant community of cycling enthusiasts who share a passion for eco-friendly rides and a healthy lifestyle. More than just a club, it fosters camaraderie and mutual support, creating lasting friendships among cyclists. With thrilling events like monthly early morning rides and a campus cycling competition, SPAVELO offers a platform for cyclists of all skill levels to come together, learn, and enjoy the excitement of cycling.



Faculty Publications (2024)

Department of Architecture

Prof. Dr. Ramesh Srikonda

Flood Risk Assessment, Mapping and Planning by GIS-Decision Support Systems: A Case Study in Kerala State, India", technical paper published in the ELSEVIER-Scopus Indexed, SSRN-OIDA International Journal of Sustainable Development, Vol. 17, No. 03, pp. 47-66, 2024

Environmental Impact Assessment of Using Vernacular Materials for Sustainable Developments: Insights from an Eco-Sensitive Resort in India ISVS e-journal, Volume 11 (8), Year 2024, Pages 93-107.

Exploring the land-use urban heat island nexus under changing climate conditions: A Case of Jaipur City, Rajasthan, India.

Prof. Dr. Srinivas Daketi, Sreeleha C, Akanksha Ruchi Horo, Tanya Paul.

Title of the Book : Advanced Building Construction
ISBN- 978-93-90146-84-0

Prof. Dr. Iyer Vijayalaxmi Kasinath

Title of the Paper : Conservation of Built Heritage in India- Heritage Mapping and Spatializing Values
Name of the Journal : Springer Publication Print ISBN- 978-981-9983-34-6

Title of the Paper : Conservation of Heritage in India-Challenges, Issues, Agencies, Technological Advancements
Name of the Journal : Conservation of Built Heritage in India

Title of the Paper : Human Perception Analysis of Adapting Vernacular Architectural Solutions in Urban Single Residences
Name of the Journal : Conservation of Built Heritage in India

Title of the Paper : Holistic Study, Analysis of Adaptive Reuse of Historic Structure
Name of the Journal : Conservation of Built Heritage in India

Title of the Paper : Solar Energy Scenario in India
Name of the Journal : Sayigh, A. (eds) Reducing the Effects of Climate Change Using Building-Integrated and Building-Applied Photovoltaics in the Power Supply. Innovative Renewable Energy. Springer, Cham. https://doi.org/10.1007/978-3-031-42584-4_10

Title of the Paper : A Review of Policies, Energy Resources Towards a More Sustainable Economy: A Study on Renewable Energy in India

Name of the Journal : Sayigh, A. (eds) Reducing the Effects of Climate Change Using Building-Integrated and Building-Applied Photovoltaics in the Power Supply. Innovative Renewable Energy. Springer, Cham. https://doi.org/10.1007/978-3-031-42584-4_11

Title of the Paper : Assessment of User's Preferred Activities and Its Correlation with Landscape Elements in Urban Green Spaces

Name of the Journal : Nandineni, R.D., Ang, S., Mohd Nawawi, N.B. (eds) Sustainable Resilient Built Environments. SRBE 2022. Advances in 21st Century Human Settlements. Springer, Singapore. https://doi.org/10.1007/978-981-99-8811-2_3

Dr. Janmejoy Gupta

Title of the Paper : Urban Agriculture & Green Urban Planning (Book Chapter)

Name of the Journal : Future is urban-urban resilience, capacity building,nature based solution', Published by Routledge (Taylor & Francis group)ISBN (p): 978-1-032-78443-4, ISBN (online): 978-1-003-48789-0, DOI:10.4324/9781003487890, Eds_ utpal

Title of the Paper : The role of roofs in adapting to climate change: A review (Book Chapter)

Name of the Journal : A review (1st ed.). Routledge. Pg.186-194.Future is Urban II: Urban Resilience, Capacity Building, Nature based Solutions - Taylor and Francis Group, London, ISBN: 978-1-032-78443-4, DOI: 10.4324/9781003487890

Title of the Paper :

Unshakeable Bhungas

Name of the Journal :

Name of the Journal "SVASTIK Stories:IndianTraditional Knowledge Through the Lens of Science(Vol II) Science India

Dr. G.Karteek

Title of the Paper : Effect of Building Height and Street Width on Fear of Crimes in Inner City Regions: A Case of Delhi

Name of the Journal : International Journal of Research Publication and Reviews

Title of the Paper : Architectural Education- Perspectives from Urban

Design StudiosName of the Journal : Journal of Al Azhar University Engineering Sector

Title of the Paper :How do Uzhavar Sandhai serve as a Catalyst for Social interaction in Urban open spaces, A Case of Kanchipuram

Name of the Journal : JIIA

Title of the Paper : Apoorva- Multilingual Magazine Design Studios

Name of the Journal : Apoorva, IIA AP Chapter

Title of the Paper : A pedestrian-centered approach to reimagining Intermodal Transit Hub- A case of Hebbal, Bengaluru

Name of the Journal : Apoorva, IIA AP Chapter

Title of the Paper : Age-friendly Cities- Residents' assessment of a traditional neighborhood in Chennai

Name of the Journal : Exlibris Social Gerontology Journal

Dr. Shanmuga Priya G

Title of the Paper: Impact of Urban Vegetation Loss on Urban Heat Islands: A Case Study of Chennai Metropolitan Area

Name of the Journal: Indian Journal of Science and Technology, 17(2), 134-141. (Web of Science Indexed)

Title of the Paper: Conservation of Heritage in India-Challenges, Issues, Agencies, Technological Advancements

Name of the Journal: Conservation of Built Heritage in India

Dr. M. Banu Chitra

Title of the Paper: Soundwalk as a Method to Uncover the Interplay between Landscape and Soundscape

Name of the Journal: International Conference on Urban Studies, City Design and Planning (ICUSCDP-24) Dubai

Title of the Paper: Book on "Fundamentals Of Research Methodology – A Glimpse Into Architectural Research" Volume1

Name of the Journal: AGH Publication, ISBN :978-81-9744-334-3

Title of the Paper: GIS application in exploring the interplay between landscape and sound through a case study of urban park, Vijayawada

Name of the Journal: National conference on Recent trends in Applications of Geoinformatics (NCRTAG-2024)

Title of the Paper: Impact of Kochi Landfill Site – A Landscape Centric Perspective

Name of the Journal: Indian Society of Landscape Architects conference, Bhopal,2024

Faiz Ahmed Chundeli

Title of the Paper: Need for Early Design Phase Assessment of Thermal Performance – Case of Low-Income Housing Units, India

Name of the Journal: Manipal International Symposium on Design

Title of the Paper: Examining the Influence of School Outdoor Spaces on Children: Teachers' Perspectives.

Name of the Journal: Manipal International Symposium on Design

Title of the Paper: Optimizing Urban Morphology to Mitigate Urban Heat Islands: A Case of Hyderabad

Name of the Journal: Proceedings of Energise 2023- Lifestyle, Energy Efficiency, and Climate Action

Title of the Paper: Flood Risk Assessment, Mapping and Planning by GIS Decision Support Systems: A Case Study in Kerala State, India

Name of the Journal: OIDA International Journal of Sustainable Development

Vijesh Kumar V & Faiz Ahmed C

Title of the Paper: A computational analysis of trees' effects on tropical climate thermal load reduction

Name of the Journal: Research & Reviews: Journal of Architectural Designing, Volume 6, May 2024

Vijesh Kumar V

Title of the Paper: Review of Bim-IoT-Fm Integration on HVAC System in Commercial Buildings

Name of the Journal: International Conference on Research Trends in AI and IoT for Infrastructure and Industry (AIII 2024), Organised by Centre for Research, Anna University, Chennai, 6-8 March 2024, Veda Publications, ISBN: 978-93-91930-97-4, pp. 750-756

Vijesh Kumar V & Deepak Kumar

Title of the Paper: Review of AI-Based Digital Tools and their Productive Integration in Design Development Workflows for Architects

Name of the Journal: International Conference on Research Trends in AI and IoT for Infrastructure and Industry, (AIII 2024), Organised by Centre for Research, Anna University, Chennai, 6-8 March 2024, Veda Publications, ISBN: 978-93-91930-97-4, pp. 729-734

RNS Murthy, Mohd Adil Mahboob

Title of the Paper:

Architecture and AI

Name of the Journal:

Archiscape, Journal of Indian Institute of Architects, Andhra Pradesh Chapter

RNS Murthy, Tirona Jayashree G

Title of the Paper:

Inclusivity and Accessibility Design Studios

Name of the Journal:

Archiscape, Journal of Indian Institute of Architects, Andhra Pradesh Chapter

Title of the Paper:

The Role of Digital Fabrication and 3D printing in Architectural design and Construction

Name of the Journal:

Archiscape, Journal of Indian Institute of Architects, Andhra Pradesh Chapter

Karthik Chadalavada

Title of the Paper: Environmental Impact Assessment of Using Vernacular Materials for Sustainable Developments: Insights from an Eco-Sensitive Resort in India

Name of the Journal: Journal of the International Society for the Study of Vernacular Settlements [eISSN:2738-2222]

Title of the Paper: Thermal Comfort and Daylight Assessment of Traditional House in Amaravathi, Andhra Pradesh

Name of the Journal: This paper is presented at The International Conference on Advances in Mechanical, Civil and Construction Engineering held in Singapore on 15th & 16th March 2024

Dr. Khuplianlam Tunngung

Title of the Paper : Architectural Republic City Hall as Socio-Community Center - A Study on Aore Nagaoka by Kengo Kuma [IIA Journal]

Name of the Journal : Apoorva, IIA (Indian Institute of Architects), Andhra Pradesh Chapter Journal

Dr Prashanti Rao, Shreeleha C, Ar Meenu Dilip

Title of the Paper : Blue Green Landscape strategies for Sustainable Development and Cultural Preservation of Estuarine Ecosystem-A case of Sathar Island and the Periyar River Edge

Name of the Journal : Apoorva, IIA (Indian Institute of Architects), Andhra Pradesh Chapter Journal

Dr Prashanti Rao

Title of the Paper : Parking Supply Management Strategies for Improving Road Safety in core Commercial Streets of Vijayawada

Name of the Journal : Road Safety, Volume 1, Year 2023

Title of the Paper : Holistic Study, Analysis of Adaptive Reuse of Historic Structure

Name of the Journal : Conservation of Built Heritage in India

Title of the Paper : Solar Energy Scenario in India

Name of the Journal : Sayigh, A. (eds) Reducing the Effects of Climate Change Using Building-Integrated and Building-Applied Photovoltaics in the Power Supply. Innovative Renewable Energy. Springer, Cham. https://doi.org/10.1007/978-3-031-42584-4_10

Ar. Manali Basu, Dr. Prashanti Rao, Dr. Nagaraju Kaja

Title of the Paper : Study on Life Cycle Assessment and Life Cycle Sustainability Assessment of Buildings: A Review

Name of the Journal : Basu, M., Kaja, N. & Rao, P. Study on Life Cycle Assessment and Life Cycle Sustainability Assessment of Buildings: A Review. J. Inst. Eng. India Ser. A 105, 749–766 (2024). <https://doi.org/10.1007/s40030-024-00831-3>

Ar. Deepak Kumar

Title of the Paper : Impact of Geometrical Shape of Public Space on perceived safety of user group: In case of Bhillai, Chattisgarh

Name of the Journal : Science and technology Journal, ISSN: 23213388

Title of the Paper : Exploring Urban Design strategies that can facilitate sustainable tourism practices and preserve the cultural identity of hill stations. Case of Bir Billing, Himachal Pradesh

Name of the Journal : National Conference titled Planning and Architecture for Hill Region PAHR - 2024 organised by NIT Hamirpur held on 15th- 16th May 2024

Title of the Paper : A study on Socioeconomic transformation and community perspectives: Examining Gentrification around Sree Padmanabhaswamy Temple, Thiruvananthapuram, Kerala

Name of the Journal : International Conference on Managing Heritage as an Asset to prosperity (MAHP 2024) by Vastukala Academy College of Architecture & Indira Gandhi National Centre for the Arts, New Delhi on 27th/28th March 2024

Ar. Deepak Kumar, Dr. Uma Sankar Basina, Dr. Srinivas Daketi

Title of the Paper : Activity and Behaviour Mapping of Children in Designated and Non-designated open spaces of Gated Communities: An Example From Guntur

Name of the Journal : 7th International Conference of Contemporary Affairs in Architecture and Urbanism, 23-24 May, 2024 at Alanya, Turkey

Dr. Amitava Sarkar

Title of the Paper : Comparative assessment of the energy performance index of modern urban and traditional rural housing in lower Himachal Pradesh, India to develop prediction model

Name of the Journal : Environ Dev Sustain. DOI: <https://doi.org/10.1007/s10668-024-05594-2>. EISSN:1573-2975

Ar. Shrinivas Modak, Dr. Amitava Sarkar

Title of the Paper :

Impact of Vertical Green Walls on Thermal Performance of Built Environment in Tropical Climate: A Case of Vijayawada

Name of the Journal :

In: A. Varma et al. (eds.), Proceedings of the 2nd International Conference on Trends in Architecture and Construction, Lecture Notes in Civil Engineering 527, 95-110. Springer Nature. https://doi.org/10.1007/978-981-97-4988-1_7

Dr. Amitava Sarkar, Ar. Jyothis Panicker M.

Title of the Paper :

Passive Designs and Thermal Performance of the Temples in the Warm-Humid Climatic Zone of South India

Name of the Journal :

ShodhKosh: Journal of Visual and Performing Arts. 5(1): 2361–2382. DOI: <https://doi.org/10.29121/shodhkosh.v5.i1.2024.2374>. ISSN (Online): 2582-7472. UGC-CARE list Journal

Dr. Kranti Kumar M, Shrirang T Kulkarni

Title of the Chapter :

Application of Management Techniques in Controlling Cost Overruns in Residential

Construction Projects.

Title of the Journal: International Journal of Management and Humanities (IJMH), Volume 10, Issue 10. ISSN: 2394-0913

Dr. Kranti Kumar M, Devi Priyanka Y

Title of the Chapter: Comprehensive Analysis of Implementing Robotics in the Indian Construction Industry

Title of the Journal: International Journal of Management and Humanities (IJMH), Volume 11, Issue 2. ISSN: 2394-0913

Dr. Kranti Kumar M, Varsha U

Title of the Chapter: Investigating Off-Site Construction Methods in Indian Cities to Reduce Costs and Time in Housing Construction

Title of the Journal: Current Approaches in Engineering Research and Technology Vol. 9; Chapter 3, Print ISBN: 978-93-48388-26-1, eBook ISBN: 978-93-48388-28-5

Ar. Karthick Chadalavada, Dr. Amitava Sarkar, Dr. Ramesh Srikonda

Title of the Paper: Environmental Impact Assessment of Using Vernacular Materials for Sustainable Developments: Insights from an Eco-Sensitive Resort in India

Name of the Journal: ISVS e-journal. 11(8): 93–107. E-ISSN: 2738-2222. DOI: <https://doi.org/10.61275/ISVSej-2024-11-08-07>

Dr. Amitava Sarkar, Ar. Pooja Jha

Title of the Paper: Assessment of operative energy optimization in case of haveli-turned-hotels located in composite climate zone of India

Name of the Journal: Int J Civ Eng Archit Eng. 5(1):13-27. P-ISSN: 2707-8361, E-ISSN: 2707-837X. DOI: <https://doi.org/10.22271/27078361.2024.v5.i1a.47>

Ar. Kharshiing, M., Dr. Amitava Sarkar

Title of the Paper: Holistic integration of smart technologies for sustainable urban development: a comprehensive analysis of smart cities

Name of the Journal: Comprehensive Advanced Specific Summarised Studies - For Architecture Studies (CASS Studies). 7(2):1-25. ISSN: 2581-6403. <https://hebnic.in/cassar>

Ar. Zinia Kar, Dr. Amitava Sarkar

Title of the Paper: Book titled “Environment Behaviour Studies in Residential Architecture: A Post Occupancy Evaluation of Low-Income Group Apartments”

Name of the Journal: AkiNik Publications, Delhi, India. ISBN: 978-93-6135-434-2. <https://doi.org/10.22271ed-book.3004>

Dr. Amitava Sarkar, Ar. Shrinivas Modak

Title of the Paper: Chapter-5: “Green Roofs as a Tool towards Sustainable Ecosystems with its Performance in the Built Environment: A Literature Review”

Name of the Journal: In: S. Sathish (Ed.), Advances in Civil Engineering (Volume - 9), AkiNik Publications, Delhi, India. pp. 83-103. ISBN: 978-93-6135-845-6. DOI: 10.22271/ed.book.2740

Ar. Hiba Abdulkader Thayyil

Presented a paper on “Rural Modernisation and its Impacts on the Circular Economy” in 11th Zero Energy Mass Custom Home International Conference at VSPARC - School of Architecture, VIT Vellore.

Faculty Achievements (2024)

Department of Architecture

Dr. M. Banu Chitra

Best Researcher Award by the Technical Forum of Reasearch Foundation (TFRF) in 2024

Best PH.D Thesis Award by the Technical Forum of Reasearch Foundation (TFRF) in 2024

Faculty Publications (2024)

Department of Planning

Dr. Naina Gupta

Naina, G., & Ram, S. (2025). Vehicular Pollution Modelling: Comparative Analysis of CALINE and ANN based pollution models. Transportation Research Procedia (pp. 1325-1334). Vol. 82. <https://doi.org/10.1016/j.trpro.2024.12.127>

Supriya, B., Dhivya, P., Naina, G., (2025). Electrification of Light commercial vehicles in Urban Areas. Transportation Research Procedia (pp. 2425-2443). Vol. 82. <https://doi.org/10.1016/j.trpro.2024.12.196>

Niramanilathu, S. G., & Naina, G., (2024). Viability of water transport for passenger movement in Kochi, Kerala. In Lecture notes in civil engineering (pp. 51-67). https://doi.org/10.1007/978-981-97-8116-4_4

Supriya, B., Karan, V., Dhivya, P., Anjana, K., Naina, G., Solanki, G., & Sai, S. (2024). Potential of alternative technology for Urban Freight—A case of Dehradun. In Sustainable civil infrastructures (pp. 53-70). https://doi.org/10.1007/978-981-97-1503-9_4

George, S., Arunasalam, V., Verma, D., Indupalli, N., Naina, G., & Ghosh, S. (2024). Road safety assessment of hill roads: A case study of Dehradun, Mussoorie. In Sustainable civil infrastructures (pp. 89-105). https://doi.org/10.1007/978-981-97-1503-9_6

Supriya, N., & Naina, G., (2024). Unravelling the Urban Symphony: A holistic investigation of traffic noise in Vijayawada City. In Lecture notes in civil engineering (pp. 191–211). https://doi.org/10.1007/978-981-97-8116-4_13

Papers Presented in International Conferences:

Guruviswas, Jbv., Sujoy, S., Naina, G., Pavan, KM. & Sridharan, N., (2024). Enhancing Port Performance Assessment through New Performance Indicators and MCDM Techniques, TIS Roma 2024: AIIT 4th International Conference-Greening the way forward: sustainable transport infrastructure and systems, 19-20 September, 2024, Rome.

Deepak, P. & Naina, G., (2024). Advancing Public Transport Accessibility Assessment: A Case Study of Hubli – Dharwad. TPM-DC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai.

Deepak, P., Anusrita, K., Naina, G., Pavan, KM. & Sridharan, N., (2024). Methodological Approach for Identification of Green Freight Corridor through Regional Freight Demand Assessment: A Case Study of Visakhapatnam Port Region, India. TPM-DC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai.

Sajan, S., Maha, C., Dhanushree, NV. & Naina, G., (2024). Pedestrian Infrastructure and Accessibility in Urban Environments: An Analysis of Walkability, Connectivity, and Spatial Configuration. TPMDC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai.

Ankita, D., Sewa, R., Pavan, KM., & Naina, G., (2024). Exploring the impact of External Network Accessibility on Metro Interchange Usage: A Case city of Delhi, India. TPMDC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai.

Ms. Monica S

Papers presented in International Conferences:

Experiences of knowing the socio-spatial structure of a pre-industrial Indian city: A case of Madurai, India. RGS-IBG Annual International Conference, 27-30 August, 2024, London.

Secondary artisanal settlements in cities of heritage importance – a case of Madurai city, India. Urban Futures-Cultural Pasts Conference, 15-17 July, 2024, Barcelona.

Perceptions of livability in the old core of an Indian city, Livable Cities Conference 2024, 26-28 June, 2024, London.

Mr. Sandeep Peeke

Paper accepted for Oral presentation at the 2nd Vision Zero Summit, an International Conference on Resilient Urbanism and Safe Mobility, organized by Maulana Azad National Institute of Technology (MANIT), Bhopal in association with National Institute of Disaster Management (NIDM), Government of India and Institute of Town Planners, India (ITPI) during 26th - 28th March 2025 at Bhopal.

Dr. Prasanth Vardhan

Shravya Achanalaa & Prasanth Vardhan P., (2024). Role of community participation and their acceptance in inner city regeneration - A case study of Anantapur Municipal Corporation, National Conclave on Planning Sustainability & Ecological Restoration, GBU in collaboration with ITPI, 22-23 November, 2024, New Delhi.

Raavee Vats & Prasanth Vardhan P., (2024). Revitalising legacy Urban Areas: The Role of Tax Increment Financing in Redevelopment Strategies for Cities Over 50 Years Old, 73rd NTCP Conference, Thiruvananthapuram.

Technical Paper accepted - “Innovative Urban Planning: A Heuristic Approach Using the Simulated annealing Algorithm to Optimize the Land Use Allocation for Enhancing Public transportation Ridership” AIIT 4th International Conference, Greening the way forward: Sustainable Transport Infrastructure and Systems”, 19-20 September, 2024, Authors: Mr. Nimish Laddha, Dr. Prasanth Vardhan P and Dr. Pavan Kumar Machavarapu.

Technical Paper submitted- “Analysis of the potential for Transit Oriented Development (TOD) and a frame work for defining TOD typologies in a proposed mass transit corridor: A Case Study of Bengaluru Suburban Railway Corridor”, International review for spatial planning and sustainable development. ISSN: 2187-3666 (online); SCOPUS DOI: <http://dx.doi.org/10.14246/>, Authors: Ms. Srishti Mehra and Dr. Prasanth Vardhan P.

Dr. Adinarayanane R

Papers Published/Accepted/In Scopus Indexed and Refereed Foreign Journals

Adinarayanane Ramamurthy, Disha Jain and Faiz Ahmed Chundeli, (2024) “The Spatio-Temporal Dynamics of Green Spaces and their Impact on Urban Environment of Bhopal Region, Madhya Pradesh, India”- technical paper accepted for publication in the ELSEVIER, SSRN-OIDA International Journal of Sustainable Development.

Adinarayanane Ramamurthy, Ningthoujam Kingson Singh and Faiz Ahmed Chundeli, (2024), “Evaluating the Quality of Life for Sustainable Peri-Urban Development Planning: A Case of Imphal City, Manipur Northeastern State, India”- technical paper accepted for publication in the ELSEVIER, SSRN-OIDA International Journal of Sustainable Development.

Chundeli, F.A., Noor, A.M., and Adinarayanane Ramamurthy, (2024), Technical paper “Need for Early Design Phase Assessment of Thermal Performance – Case of Low-Income Housing Units, India”-Technical paper accepted for publishing in Scopus Indexed Journal.

Adinarayanane Ramamurthy, Vanya Mathur, and Faiz Ahmed Chundeli, (2024) Technical paper “Exploring the land-use urban heat island nexus under changing climate conditions: A Case of Jaipur City, Rajasthan, India”, Technical paper submitted/accepted in PLANNING MALAYSIA Journal, Scopus Indexed Journal of the Malaysia Institute of Planners, MALAYSIA.

Chapters Published/Accepted

Adinarayanane Ramamurthy, Aswinth G Chandran & Faiz Ahmed F.A. (2024), “Resilience of Coastal Communities to Climate Change, in Thiruvananthapuram Region, Kerala State, India”, book chapter accepted for publication under the “Regions and Cities”, book series in “Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualizations and Approaches from the Global South”, by Routledge Publishers, Taylor & Francis Group, New York, NY, United States. which is indexed in Web of Science/Scopus.

Adinarayanane Ramamurthy, Aswint G Chandran & Faiz Ahmed F.A. (2024), "Climatic Risk Screening, Adaptation and Fisheries Livelihood Planning in Coastal Region, Thiruvananthapuram City, Kerala, India", book chapter accepted for publication under the "Regions and Cities", book series in "Climate Adaption in Coastal Ecosystems: Interdisciplinary Conceptualizations and Approaches from the Global South", by Routledge Publishers, Taylor & Francis Group, New York, NY, United States. which is indexed in Web of Science/Scopus.

Adinarayanane Ramamurthy, Agnes Mariam Xavier & Faiz Ahmed F.A (2024), "A methodology to assess environmental vulnerability in a Coastal City: A case of Kochi Region, Kerala State, India", book chapter accepted for publication in book titled, "Urban Sustainability - Navigating Environmental Transition Challenges in Global South", under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", Springer Nature, Germany Pte Ltd, , which is indexed in Web of Science/ Scopus.

Adinarayanane Ramamurthy, Janani M & Faiz Ahmed F.A (2024), "The Influence of Urban Form on Urban Heat Island and its Planning Implications in Chennai Metropolitan City, Tamil Nadu, India", book chapter accepted for publication in book titled "Urban Sustainability - Navigating Environmental Transition Challenges in Global South", under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", Springer Nature, Germany Pte Ltd, , which is indexed in Web of Science/ Scopus.

Adinarayanane Ramamurthy, Taruni Joshi & Faiz Ahmed F.A (2024), "The Synergistic Effects Of Urban Heat Island And Air Pollution Towards Resilience Planning In Raipur Region, Chhattisgarh", book chapter accepted for publication in book titled Urban Sustainability - Navigating Environmental Transition Challenges in Global South under the Book Series, titled "Disaster Risk Reduction: Methods, Approaches and Practices the Book Series", Springer Nature, Germany Pte Ltd, which is indexed in Web of Science/ Scopus.

Papers Presented & Published in International Conference Proceedings

Adinarayanane Ramamurthy, Faiz Ahmed Chundeli, and Ramesh Srikonda, Technical paper "Regional Planning of Urban Sustainable Development in Puducherry Region, India", Technical paper presented/published, in the "7th International Conference on Advanced Research in Social Sciences" (ICARSS), which will be held in Cambridge, during June 07 – 09, 2024, organized by University of Cambridge, United Kingdom.

Adinarayanane Ramamurthy, Vanya Mathur, and Faiz Ahmed Chundeli, Technical paper "Exploring the land-use urban heat island nexus under changing climate conditions: A Case of Jaipur City, Rajasthan, India", Technical paper presented/published, in the "International Conference on Integrated Urban Planning 2024", which will be held in Kuala Lumpur, between 24-25, July 2024, organized by Faculty of Built Environment, University of Malaysia.

Adinarayanane Ramamurthy, Joseph P Thomas, Integrating Spatial Planning and Flood Risk Management: A GANN Model for the River Basin, Kerala State, India, Technical paper presented/published, in the "7th International Conference on Advanced Research in Social Sciences" (ICARSS), which will be held in Cambridge, during June 07–09, 2024, organized by University of Cambridge, United Kingdom.

Adinarayanane Ramamurthy, Disha Jain and Faiz Ahmed Chundeli, "The Spatio-Temporal Dynamics of Green Spaces and their Impact on Urban Environment of Bhopal Region, Madhya Pradesh, India"- Technical paper accepted in the 19th International Conference on Sustainable Development 2024, International Conference Centre Sorbonne University 4 place Jussieu, 75005 Paris, FRANCE., held between August 26-27, 2024, organized by Ontario International Development Agency Inc. 2581 River Mist Road Ottawa, Ontario, K2J 6G1 Canada.

Adinarayanane Ramamurthy, Ningthoujam Kingson Singh and Faiz Ahmed Chundeli, "Evaluating the Quality of Life for Sustainable Peri-Urban Development Planning: A Case of Imphal City, Manipur North eastern State, India"- Technical paper accepted

in the 19th International Conference on Sustainable Development 2024, International Conference Centre Sorbonne University 4 place Jussieu, 75005 Paris, FRANCE., held between August 26-27, 2024, organized by Ontario International Development Agency Inc. 2581 River Mist Road Ottawa, Ontario, K2J 6G1 Canada.

Dr Rajakumari Muthusamy

M.Rajakumari,R.Kalaiselvi and R. Shanthi Priya (2025) Cultural Heritage as a Driver of Sustainable Development in Deep Rooted Traditional Cities -The City-Festivity Nexus, SSRG International Journal of Civil Engineering,Seventh Sense Research Group ,Volume 12 Issue 1, 67-77, January 2025,ISSN: 2348-8352/ <https://doi.org/10.14445/23488352/IJCE-V12I1P107>,

Rajakumari Muthusamy , Shanthi Priya .(2024),Urban Design Studio –A Proposed Methodology to Study Indian Towns,Library Proggess International,BPAS Publications,Vol. 44 No. 3 (2024): LIB PRO. 44(3), JUL-DEC 2024 (Published: 31-07-2024)<https://doi.org/10.48165/bapas.2024.44.2.1>

Dr. Valliappan AL

Review for the Journal Planning Education and Research(JPER), Sage Publications

Ms. Ekta

Ekta & Vardhan, P. (2025). Assessing Key Factors Influencing Rental Housing Choices and Affordability for Economically Weaker Sections (EWS): A Neighborhood Study in Delhi. Journal of Contemporary Urban Affairs, 9(1), 76–94. <https://doi.org/10.25034/ijcua.2025.v9n1-5>

Ekta & Vardhan, P. (2024). An assessment of factors influencing the choices made for Rental Accommodation option by Weaker Section, study of a neighborhood in Delhi. 7th International Conference of Contemporary Affairs in Architecture and Urbanism-ICCAUA2024 at Alanya University, Alanya, Türkiye.

Dr. Bhagwat Jayeshkumar Maheshkumar

Shreedha S Lanjewar & JayeshKumar Maheshkumar Bhagwat.,(2024). Geospatial approach to assessing the flood risk in Sangli City, Maharashtra, SPAV in collaboration with ITPI, 26-27 September, 2024, Vijayawada.

Dr. Anurag Bagade

Bagade A (2024). Strengthening Climate Resilience: Enhancing Capacity Building with Traditional Knowledge Systems in Coastal Zones. Paper presented in National Conference on Techno-Traditional Indian Knowledge Systems for Eco-Sensitive Coastal Settlement Planning Organised by SPAV and ITPI, 26-27 September 2024, Vijayawada.

Dr.M.N.V Pavan kumar

Machavarapu, P. K., Ram, S., & Kant, P. (2024). Exploring the factors affecting bike sharing usage in developing countries: a case study on Chandigarh, India. *Urban, Planning and Transport Research*, Taylor & Francis 12(1). <https://doi.org/10.1080/21650020.2024.2310544> (Scopus Index)

Pavan Kumar Machavarapu, Sewa Ram, and Pankaj Kant. 2025 "Examining bike share usage trends in Metropolitan cities through App based data. A case study of Chennai, India" WCTR 2023 Conference, Montreal, *Transport Research Procedia* 82C (2025) pp. 836-854, Elsevier, ISSN 2352-1465 <https://doi.org/10.1016/j.trpro.2024.12.243> (Scopus Index)

Pankaj Kant, Sanjay Gupta, and Pavan Kumar Machavarapu 2025 "DEA Approach to Assess the Efficiency Assessment of Major Wholesale Markets in Case City of Jaipur, North India" WCTR 2023 Conference, Montreal, *Transport Research Procedia* 82C (2025) pp. 1313-1324, Elsevier, ISSN 2352-1465 <https://doi.org/10.1016/j.trpro.2024.12.126> (Scopus Index)

Sewa Ram, Adil Ata Azmi, Pavan Kumar Machavarapu, Kim Leong Tan, Rahul Tomar "Efficacy of Short-term Effective Measures for the Blackspot Improvement in a Peri-urban Area" WCTR 2023 Conference, Montreal, Under Publication *Transport Research Procedia* 82C (2025), Elsevier, ISSN 2352-1465 <https://doi.org/10.1016/j.trpro.2024.12.086> (Scopus Index)

Papers Published in International Conferences (2024-25)

Das, A., Ram, S., Machavarapu, P.K. (2025). Development of a Composite Index for Assessing Metro Interchanges Based on User Perception. In: Ravi Shankar, K.V.R., Prasad, C.S.R.K., Mallikarjuna, C., Suresha, S.N. (eds) *Recent Advances in Transportation Systems Engineering and Management—Volume 1. CTSEM 2023. Lecture Notes in Civil Engineering*, vol 544. Springer, Singapore. https://doi.org/10.1007/978-981-97-6075-6_13 (Scopus Index)

Kant P, Machavarapu, P.K., Abid (2025). Freight Generation Characteristics of Perishable and Non-perishable Wholesale Markets and Its Implications on City Planning Process—Case of Calicut, a Coastal City in India In: Ravi Shankar, K.V.R., Prasad, C.S.R.K., Mallikarjuna, C., Suresha, S.N. (eds) *Recent Advances in Transportation Systems Engineering and Management - Volume 2, Lecture Notes in Civil Engineering* 545, Springer, Singapore. https://doi.org/10.1007/978-981-97-6071-8_23 (Scopus Index)

Kant P, Machavarapu, P.K., Kiran S (2025). Modelling of Mode Choice Behaviour During Off-Peak Hours—A Case of New Delhi City In: Ravi Shankar, K.V.R., Prasad, C.S.R.K., Mallikarjuna, C., Suresha, S.N. (eds) *Recent Advances in Transportation Systems Engineering and Management - Volume 2, Lecture Notes in Civil Engineering* 545, Springer, Singapore. https://doi.org/10.1007/978-981-97-6071-8_21 (Scopus Index)

Purwar D, Machavarapu, P.K., Ram, S (2025). Unveiling an Effective Framework for Extracting and Evaluating User Opinions on Public Transportation Services Through Twitter: A Case Study of Delhi Metro In: Ravi Shankar, K.V.R., Prasad, C.S.R.K., Mallikarjuna, C., Suresha, S.N. (eds) *Recent Advances in Transportation Systems Engineering and Management - Volume 2, Lecture Notes in Civil Engineering* 545, Springer, Singapore. https://doi.org/10.1007/978-981-97-6071-8_22 (Scopus Index)

Papers Presented in International Conferences (Under Publication) (2024-25)

Guruswas, Jbv., Sujoy, S., Naina, G., Pavan, KM. & Sridharan, N., (2024). Enhancing Port Performance Assessment through New Performance Indicators and MCDM Techniques, TIS Roma 2024: AIIT 4th International Conference-Greening the way forward: sustainable transport infrastructure and systems, 19-20 September, 2024, Rome. Under Publication *Transport Research Procedia* (Scopus Index)

Nimish L, Prasanth V, Pavan Kumar M Innovative Urban Planning: A Heuristic Approach Using the Simulated Annealing Algorithm to Optimize the Land Use Allocation for Enhancing Public Transportation Ridership TIS ROMA, Italy 2024, Under Publication *Transport Research Procedia* (Scopus Index)

Deepak, P., Anusrita, K., Naina, G., Pavan, KM. & Sridharan, N., (2024). Methodological Approach for Identification of Green Freight Corridor through Regional Freight Demand Assessment: A Case Study of Visakhapatnam Port Region, India. TPMDC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai. Under Publication LNCE Springer (Scopus Index)

Ankita, D., Sewa, R., Pavan, KM., & Naina, G., (2024). Exploring the impact of External Network Accessibility on Metro Interchange Usage: A Case city of Delhi, India. TPMDC 2024: 15th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 18-20 December 2024 at IIT Mumbai. Under Publication LNCE Springer (Scopus Index)

Kant P, Machavarapu, P.K., Robin S "Factors Affecting the Adaption of Digital Freight Forwarding of MSME in New Delhi - Case Study of Gandhinagar Wholesale Market" (TPMDC 2024, IIT Bombay) Under Publication *Lecture Notes in Civil Engineering* 545, Springer (Scopus Index)

Ms.Aparna

Aparna D, N.V.S. Navya, A. Shrivya and Shaik Sarfraz., (2024) : GIS-based drought assessment for water-sensitive urban planning in Anantapur district DOI : <https://doi.org/10.1680/jenes.24.00103> (scopus indexed)

Mr. Srikanta Bhargava Teja

Reviewer for the papers at the 2nd Vision Zero Summit in MANIT Bhopal.

Dr.Arpan Paul Singh

Malini, G., Golla, A. P. S (2024). Assessing the Viability of Schools as Flood-Resilient Temporary Shelters: A Case Study in Thrissur District, Kerala (accepted for publication)

Golla, A. P. S., Rajeev, R., Ashwinth, G. C. (2024). Enhancing Disaster Resilience in Hill Towns through Optimal Open Space Planning. *Proceedings of 6th World Disaster Management Congress (WCDM)*. (accepted for publication)

Golla, A. P. S., Agnes, M.X., Laya O., (2024). Tourism's Footprint: Unravelling the Link to Disaster Risk. *Proceedings of 6th World Disaster Management Congress (WCDM)*. (accepted for publication)

Student Acheivements (2024)

Department of Architecture

Kumar Harsh, Tushar Deoda, *Bachelor's of Architecture -3rd Year*

Won the First Prize Winner in Loo(k) For Future by Archmello Competition.

D.Gunavarshi , Vishnu Kumar, *Bachelor's of Architecture-3rd Year*

Secured 2nd prize in CBRI Bhartiya Paramparik Awas Uthan Award Competition.

Ann kunnath, Emmanuel uthup mani kaduppil, avinash k , *Bachelor's of Architecture-3rd Year*

Announced as Honourable mention Loo(k) For the Future by Archmello Competition.

Aarav kalwani , Bhumi Khanna, *Bachelor's of Architecture-3rd Year*

Announced as Honourable mention Loo(k) For the Future by Archmello Competition.

Aarav kalwani, *Bachelor's of Architecture-3rd Year*

Shortlisted entry in CBRI Bhartiya Paramparik Awas Uthan Award Competition.

Ann kunnath, Emmanuel uthup mani kaduppil, avinash k, *Bachelor's of Architecture-3rd Year*

Announced as Honourable mention n Loo(k) For the Future by Archmello Competition.

Aswajith Babu's thesis, titled "Revitalizing the Perandoor-Thevara Canal: A Multifaceted Landscape Design"

Guided by **Dr. M. Banu Chitra**, has been selected by the Indian Society of Landscape Architects (ISOLA), Bangalore Chapter, for presentation at the Thesis Open Day V.9.0.

Department of Planning

SPAV Shines at XXVI NOSPLAN Convention 2024-25

The School of Planning and Architecture, Vijayawada marked its excellence at the XXVI Annual NOSPLAN Convention 2024-25, securing an outstanding Overall Second Position among 31 participating institutions. The convention, hosted by Lovely Professional University, Punjab, saw enthusiastic participation from 81 SPAV delegates accompanied by faculty members Asst. Prof. Arpan Paul Singh, Asst. Prof. Monica Sekar, and Asst. Prof. Pavan Kumar.

SPAV demonstrated exceptional performance across all trophy categories. In the Planning Trophy, the college secured first positions in both Crowd Craft and Mobility Mastery competition, while claiming second place in the 48-hour challenge and winning the debate competition. The Publication Trophy saw SPAV clinching first place in Short Film and second in Painting, contributing to an overall third position in this category.

The Entertainment Trophy showcased SPAV's artistic prowess with a first-place finish in Dance and second in Music, leading to an overall second position. The Gaming Trophy proved to be another strong suit, with the college securing first position in Badminton, third positions in Football, Volleyball, and Box Cricket, ultimately winning the overall Gaming Trophy.

This remarkable achievement reflects the collective effort and dedication of both students and faculty members. The success at NOSPLAN 2024-25 not only highlights SPAV's academic excellence but also showcases the diverse talents of its student community in extra-curricular activities.



Faculty members, Architecture, SPAV

Prof. Dr. Ramesh Srikonda

Director, Professor

Prof. Dr. Srinivas Daketi

Head of the Department, Architecture, Professor

Prof. Dr. Vijayalaxmi Iyer K

Professor

Dr. S Venkata Krishna Kumar

Associate Professor & Dean Student Affairs

Dr. Janmejyoy Gupta

Associate Professor & Dean Research (2022-24)

Dr. M. Banu Chitra

Associate Professor & Dean Resarch (2024-present)

Dr. Lilly Rose A

Associate Professor & Dean Academic

Dr. Shanmuga Priya G

Associate Professor & Deputy Dean Academic

Dr. Amitava Sarkar

Associate Professor & Dean Faculty Welfare

Prof. Dr. Anil Kumar Chilakapati

Professor

Dr. Uma Shankar Basina

Associate Professor

Dr. Khuplianlam Tungnung

Associate Professor

Dr. Nagaraju Kaja

Assistant Professor

Dr. Karteek Guturu

Assistant Professor

Dr. R N S Murthy

Assistant Professor

Dr. Ranga Naga Satyanarayana Murthy

Assistant Professor

Dr. Kranti Kumar Myneni

Assistant Professor

Dr. Jagath Kumari D

Assistant Professor

Dr. P. Shiva Prasad

Assistant Professor

Dr. Faiz Ahmed C

Assistant Professor

Dr. Prashanti Rao

Assistant Professor

Ar. Karthik Chadalavada

Assistant Professor

Ar. Pushpendra Kumar

Assistant Professor

Ar. Sanjay Bhandari

Assistant Professor

Ar. Deepak Kumar

Assistant Professor

Ar. Vijesh Kumar V

Assistant Professor

Ar. Kapil Natawadkar

Assistant Professor

Ar. Madhava Rao T

Assistant Professor

Mr. Santhosh Kumar Pedagadi

Assistant Professor

Ar. Somania Islary

Assistant Professor

Ar. Deepthi Varghese

Assistant Professor

Ar. Siddesh Mundle

Assistant Professor

Ar. Akanksha Ruchi Horo

Assistant Professor

Ar. Shreeleha C

Assistant Professor

Ar. Dheeraj Ch.

Assistant Professor

Ar. Renuka Mohan Wakharkar

Assistant Professor

Ar. Rohan Agrawal

Assistant Professor

Ar. Samantha Kumar T

Assistant Professor

Ar. Sayantan Das

Assistant Professor

Ar. Hiba Abdulkader Thayyil

Assistant Professor

Ar. Komal G

Assistant Professor

Ar. Sharifunnisa M

Assistant Professor

Faculty members, Planning, SPAV

Dr. Prasanth Vardhan

Head of the Department, Planning, Associate Professor

Prof. Dr. Ayon Kumar Tarafdar

Professor, Dean Academics (2022-24)

Dr. Adinarayanan R

Associate Professor, Dean Planning & Development

Dr. Rajakumari M

Associate Professor

Dr. Valliappan AL

Assistant Professor

Ms. Ekta

Assistant Professor

Dr. Naina Gupta

Assistant Professor

Mr. Rajeev R

Assistant Professor

Mr. JM Bhagwat

Assistant Professor

Dr. Anurag Bagade

Assistant Professor

Mr. Bhargava Teja S

Assistant Professor

Dr. Arpan Paul Singh

Assistant Professor

Ms. D. Aparna Sai

Assistant Professor

Dr. MNV Pavan Kumar

Assistant Professor

Mr. Sandeep P

Assistant Professor

Ms. Lakshmi Pranathi

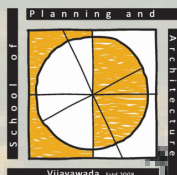
Assistant Professor

Ms. Pushyami N

Assistant Professor

Ms. Monica Sekar

Assistant Professor



School of planning and Architecture, Vijayawada.

An Institute of National Importance, Ministry of Education, Govt. of India.

