

VISHAL CHETTRY

Ph.D. (Ongoing); M.Planning (Urban and Regional Planning),
B.Architecture, COA – CA/2016/74132
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VISION

To foster excellence in teaching, research, and profession, with an aim to understand the dynamics between academics and industry, which will help me to develop a strong base of technical knowledge and complementary skills among the students of Architecture and Planning. To contribute towards the development of the institute by sharing my ideas and experience whenever and wherever required.

EDUCATIONAL CREDENTIALS

| Course Name | Name of Institution | Year of Passing | Percentage | Remarks |
|-------------------------------------|---------------------------------|-----------------|------------|---|
| Ph.D. (Architecture & Planning) | VNIT Nagpur | Ongoing | | All requirements completed; Pre-submission seminar |
| M. Plan (Urban & Regional Planning) | SPA Bhopal | 2016 | 77.5% | First division with honours degree |
| B. Architecture | Nagpur University (MIET Gondia) | 2014 | 66.95% | Pidilite award for excellence; First Division |
| Sr. Sec. School | K. V. No. 1 Itanagar | 2009 | 63.60% | First Division |
| High School | K. V. No. 1 Itanagar | 2007 | 82.80% | First Division, Distinction in Science & Social studies |

Gate Qualified in 2014 & 2018

PROFESSIONAL EXPERIENCE

| Organization | Location | Duration | Post |
|----------------------------|----------|--------------------------|---------------------|
| VNIT Nagpur | Nagpur | 01.07.2017 to Till Date | Teaching Assistant |
| Amity University Rajasthan | Jaipur | 11.05.2017 to 09.07.2017 | Assistant Professor |
| Poornima University | Jaipur | 01.07.2016 to 10.05.2017 | Assistant Professor |
| Freelance | Assam | 01.06.2014 | Freelance Architect |

SKILLS

A fair level of knowledge about the different linkages or tools involved in analysis and understanding of the architectural and planning process.

Software skills : Arc GIS, Adobe Photoshop, Auto Cad, Google Sketch Up, M.S. Office, Revit Architecture

ACADEMIC WORKS

Ph.D. TOPIC : Delineation of Urban Growth Boundary to Mitigate Urban Sprawl in Indian Mid-sized cities

POST GRADUATION

M.PLAN (URP) : Thesis Topic – Towards Healthy Communities: an approach through built environment interventions, a case of Bhopal
Studio Work 3rd Sem - Perspective Plan (Valsad, Gujarat)
Studio Work 2nd Sem - District Regional Plan (West Jaintia Hills, Meghalaya)
Studio work 1st Semester -
1) Area Planning In Urban Context : Jabalpur (Madhya Pradesh)
2) Rural Module Transforming Urban Village : Case of Barkheda Salam (M.P)

GRADUATION

B.Architecture : Thesis - City Center at Guwahati (Assam)

PUBLICATIONS (JOURNALS)

| Journal Name | Research Paper Topic | DOI/ISSN |
|--|--|----------------------------|
| Environment, Development and Sustainability (SCIE) | Assessment of urban sprawl characteristics in Indian cities using remote sensing: case studies of Patna, Ranchi, and Srinagar | 10.1007/s10668-020-01149-3 |
| Arabian Journal of Geosciences (SCIE) | Urban sprawl assessment in Raipur and Bhubaneswar urban agglomerations from 1991 to 2018 using geoinformatics | 10.1007/s12517-020-05693-0 |
| Journal of the Indian Society of Remote Sensing (SCIE) | Delineating Urban Growth Boundary using Remote sensing, ANN-MLP, and CA model: A case study of Thiruvananthapuram Urban Agglomeration, India | Under review |
| | Urban sprawl assessment in eight mid-sized Indian cities using RS and GIS | |
| IJNRD | Heritage as a Resource for development – A case of Islamnagar, Bhopal | 2456-4184 |
| IJRASET | Comparative Demographic Distribution of Upper and Lower Assam | 2321-9653 |
| IJMRA | Examining Affordable Housing policy in India: A special emphasis on Rajiv Rinn Yojana | 2249-2496 |

PUBLICATIONS (CONFERENCE PAPERS)

| Conference Name | Research Paper Topic | Organizer | ISBN/ISSN |
|--|---|---|------------------------|
| International Conference on Resilient and Livable City Planning 2020 | Spatio-temporal investigation of urban sprawl in four mid-sized cities of India using geospatial techniques | SPA Vijayawada | Paper selected |
| International Conference on Recent Issues in Civil Engineering and its Sustainable Solution 2019 | Land cover Change Detection and Urban Sprawl Assessment of Raipur Urban Agglomeration | Shri Ramdeobaba College of Engineering and Management, Nagpur | ISBN 78-93-88708-83-8 |
| 3 rd Asian Regional Conference on Peri-Urbanization (ARCP) 2019 | Investigation of Urban Sprawl Dynamics in Peri-Urban Areas: Case Study of Trivandrum Urban Agglomeration | SPA Bhopal | ISSN 2671-9061 |
| International Conference on Architecture, Built Environment & Urban Planning 2018 | Land-cover classification and change detection of Raipur urban agglomeration using RS & GIS techniques | International Multidisciplinary Research Foundation | ISBN 978-93-86435-55-2 |
| Future of Cities : Opportunities and Challenges (2017) | Towards Healthy Communities - An approach through built environment interventions, a case of Bhopal | ITPI, New Delhi | |

WORKSHOPS ATTENDED

| Name of the workshop | Organizer | Duration/ Date |
|--|-------------------|------------------------|
| AICTE Online FDP on "GIS & Remote Sensing" | GEC Bilaspur | 23-27 November 2020 |
| AICTE Online FDP on "GIS & Remote Sensing" | IEST | 02-06 November 2020 |
| Two Day National Open Workshop on Getting Aligned to the Publishing Process- Scopus + ScienceDirect | ELSEVIER | 25 & 28 September 2020 |
| One-day Webinar on "Reorienting Academic Leadership, Pedagogy and Research in the Time of Crisis" | Tezpur University | 30 May 2020 |
| One-week workshop on the topic "Land Use Land Cover Modelling Using Open Source" | IIT Kharagpur | 13-19 October 2019 |
| Global Initiative of Academic Networks (GIAN) course on "Urban Analytics: Evaluating and Measuring Sustainability of Cities" | IIT Roorkee | 4-9 June 2018 |

PROFESSIONAL MEMBERSHIP

| Organization | Designation/Membership | Registration Number |
|--|------------------------|---------------------|
| Council of Architecture | Registered Architect | COA – CA/2016/74132 |
| Institute of Town Planners | Associate member | 2019-460, AITP |
| Indian Society of Remote Sensing | Life member | L-5454 |
| Institute of Indian Interior Designers | Associate member | |

INTERNSHIP

| Level | Name of Organization/ Place | Duration | Department | Responsibility |
|---------|--|----------|-----------------------------------|--|
| M. Plan | Global Communities (CHF International)/ Pune (Maharashtra) | 7 weeks | Project Evaluation and Monitoring | Prepared an Eco village development plan and Slum profiles of Pune |
| B. Arch | Shilpi Architects and Planners/ Bokaro (Jharkhand) | 6 months | Architectural Design | Prepared submission drawings, working drawings, and site visits |

ACTIVITIES AND ACHIEVEMENTS

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|--------------------------|--|
| Achievements | Certificate of Excellence received from Poornima University Jaipur 2018; GATE Scholar (2014 & 2018); Successfully organized NASA Convention 2017; B. Arch thesis selected for presentation at IIA Nagpur Chapter; Recipient of Pidilite Award for Excellence, 2013 |
| Seminars Attended | Seminar on Green Buildings – MIET Gondia, 2013 Seminar on Arc GIS as a Planning Tool – ITPI Bhopal Chapter, 2014 |

HOBBIES

Traveling, Photography, Gardening, Playing Carrom Board and Badminton

PERSONAL DETAILS

Date of Birth : 2nd September, 1991
Present Address : Room No. 49, PG Boy's Hostel, South Ambazari Road,
VNIT Nagpur 440010
Permanent Address : c/o Dilip Sarmah, Back side of Lalmati Police Check-Post, Tezpur,
District – Sonitpur, Assam, 784001
Linguistic Proficiency : English, Hindi, Nepali, Assamese (Read, Write, & Speak)

REFERENCES

Prof. Shashank Chakradeo
Principal
MIDAS Architecture
shank63@rediffmail.com

Dr. Akshay P Patil
Chairman Bos, HoD
VNIT Nagpur
meenalms28oct@gmail.com

Dr. Meenal Surawar
Assistant Professor
VNIT Nagpur
meenalms28oct@gmail.com

DECLARATION

I, hereby declare that the information furnished is true to the best of my Knowledge and belief. I now look forward to an opportunity to work for your Organization.

Place : Nagpur
Name : Vishal Chetty

Date : 02/02/2021