

Name of Faculty Dr. Poojari Yugendar
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 24 – 06 – 2019
 E-mail pyugendar_civil@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Civil)	Awarded
PG	M. Tech	First
UG	BE	First

Work Experience

Teaching	2 Years 6 Months
Research	4 years
Industry	--
Others	--

Area of Specialization Transportation Engineering

Professional Memberships Member, IEI: AM188488-6

Responsibilities held at Institution Level --

- Responsibilities held at Department Level
1. Transportation Engineering lab in-charge
 2. Member, Program Content Committee (2019-20)
 3. MSME coordinator (2020-21)
 4. Career Guidance Cell Member
 5. R&D coordinator

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Advanced Transportation Engineering, Environmental Studies, Survey Lab, Engineering Mechanics, ANFLES, Transportation Lab, Estimation, Specifications and Costing, AI Applications in Civil Engineering, Urban Transportation Planning.

No. of Papers Published National Journals – Nil International Journals – 08

National Conference – 02 International Conference – 05

Projects Carried out Signal coordination and Corridor Management: A case study of Hyderabad city (TSCOST-submitted)

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

1. A five day online FDP on “Inculcating Universal Human Values in Technical Education”, organized by AICTE, 2-6 August 2021.
2. Successfully Completed “Urban Transportation Systems Planning” online 3 credits course authorized by IIT Kharagpur and offered through NPTEL on Jan-Apr 2021.
3. A one week online FDP on “Latest Innovations in Transportation Engineering and Infrastructure Developments”, Kalasalingam Academy of Research and Education, 21st June to 26th June 2021.
4. One day online workshop on “Travel well- being indicators to support sustainable mobility policies” IIT Bombay & Imperial College London, 15th March 2021.
5. Successfully Completed “Module 3: Communication Skills, Modes and Knowledge Dissemination” online course authorized by NITTT and offered through NPTEL on February 2021.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops. Other Trainings (Attended and/or Organized).

6. Successfully Completed "Module 1: Orientation towards Technical Education and Curriculum Aspects" online course authorized by NITTT and offered through NPTEL on February 2021.
7. Successfully Completed "Introduction to Multimodal Urban Transportation" online 3 credits course authorized by IIT Kharagpur and offered through NPTEL on Sep-Dec 2020.
8. Successfully Completed "Geospatial Inputs for Enabling Master Plan Formulation" IIRS, 27th to 31st July 2020.
9. A one week online refresher course on "Bharateeya Chaitanyam" Chaitanya Samskruthi, CBIT, 29th June to 05th July 2020.
10. Successfully Completed "Electric Vehicles and Mobility" an online non-credit course authorized by École des Ponts ParisTech and offered through Coursera on 19-07-2020.
11. Successfully Completed "mastering bitumen for better roads and innovative applications" an online non-credit course authorized by École des Ponts ParisTech and offered through Coursera on 16-07-2020.
12. A five day online FDP on "trends in transportation", Gayatri Vidya Parishad College for Degree & PG Courses (A), 6th July to 10th July, 2020.
13. Successfully Completed "Introduction to Faecal Sludge Management" an online non-credit course authorized by Ecole Polytechnique Federale de Lausanne and offered through Coursera on 29-06-2020.
14. Successfully Completed "Introduction to Engineering Mechanics" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 29-06-2020.
15. A Three day online FDP on "Pavement design, construction and rehabilitation", VBIT, 25th to 27th June, 2020.
16. A five day online FDP on "emerging technologies in civil engineering and its applications", vaageswari college of engineering, 22nd to 26th June, 2020.
17. A one week online FDP on "Emerging trends in highway engineering and infrastructure development", NIT Jalandhar, 23rd to 27th June 2020.
18. A one week online FDP on "recent advances in civil engineering: challenges and future perspectives- part II", Sri Vishnu college of engineering, 22nd to 27th June, 2020.
19. A one week online FDP on "advances in modelling of hydrological extreme events", TEQIP-3, B.M.S college of engineering, 22nd to 26th June 2020.
20. Participated the India First Leadership Talk Webinar with Mr. Shridhar Venkat, CEO (Akshya Patra Foundation) 20th June 2020 conducted by MHRDs Innovation Cell.
21. Successfully Completed "Mechanics of Materials III: Beam Bending" an online non-credit course authorized by Georgia Institute of and offered through Coursera on 19-06-2020.
22. Successfully Completed "Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 19-06-2020.
23. A three day online FDP on "research challenges in civil engineering", Anurag University, 12 to 14th June 2020.
24. Participated the India First Leadership Talk Webinar with Shri. R. Subrahmanyam, IAS (Secretary Ministry of Social Justice & Employment) 13th June 2020 conducted by MHRDs Innovation Cell.
25. Successfully Completed "Excel Skills for Business: Essentials" an online non-credit course authorized by Macquarie University and offered through Coursera on 13-06-2020.
26. Participated the India First Leadership Talk Webinar with Ms. Ashwini Deshpande, (Co-Founder & Director Elephant Design) 6th June 2020 conducted by MHRDs Innovation Cell.
27. A one week online FDP on "outcome based education and NBA accreditation process", CBIT, 28-05-2020 to 01-06-2020.
28. Participated the India First Leadership Talk Webinar with Dr. Nilesh N Oak, Expert (Indian Civilization & History) 30th May 2020 conducted by MHRDs Innovation Cell.

29. Participated the India First Leadership Talk Webinar with Mr. Mahesh Babu, CEO (Mahindra Electric Mobility Ltd.) 23rd May 2020 conducted by MHRDs Innovation Cell.
30. Participated in the IIC online sessions to promote Innovation, IPR, Entrepreneurship, and Startups among HEIs from 28th April to 22nd May 2020 conducted by MHRDs Innovation Cell.
31. Participated the India First Leadership Talk Webinar with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited 16th May 2020 conducted by MHRDs Innovation Cell.
32. Participated the India First Leadership Talk Webinar with Prof. D.P Singh, Chairman UGC 9th May 2020 conducted by MHRDs Innovation Cell.
33. Successfully Completed "NBA Accreditation and Teaching Learning in Engineering (NATE)" online 3 credits course authorized by IISc Bangalore and offered through NPTEL on Jan-Apr 2020.
34. A two week course on "Digital Transformation in Teaching Learning Process", TEQIP-3, SWAYAM, 14th February to 6th March, 2020.
35. A one week short term course on "modelling and simulation of pedestrians for scientific decision support, IISC Bengaluru, 24 to 28 February, 2020.
36. A national webinar on "IoT for real world", CBIT, 28th October, 2019.
37. A One Week GIAN Program on "Transportation in a High Tech, Automated and Connected Vehicle World", NIT Warangal, 16-20, September 2019.
38. A One Week FDP on "Emerging Trends in Transportation Geotechnics", Vaagdevi College of Engineering, Warangal, 23rd to 27th September, 2019.
39. A one day workshop on "Speed and Safety Measures in Construction Projects", The Institution of Engineers (India), Telangana State Centre, 27th July 2019.
40. A one Week GIAN Program on "Sustainable Mobility and Transportation: Innovative Approaches and Solutions, NIT Warangal, 10th to 14th December, 2018.
41. A three day workshop on "Bio-Inspired Materials by Design: Issues & Challenges, NIT Warangal, 19th to 21st November, 2018.
42. A One Week GIAN program on "Transportation and Environment", NIT Warangal, 6th to 10th August, 2018.
43. A Five Day FDP on "Effective Teaching and Learning of Flexible Pavement Design, PMMMNMTT, MHRD, NIT Warangal, January 17 -21, 2018.
44. A One Week GIAN program on "Implementation of Advanced Transportation Management Systems", NIT Warangal, 04th to 08th September, 2017.
45. A Three Day Executive Development Training program on "New and Innovative Technologies for Construction of Low Volume Roads", NRRDA, MoRD, NIT Warangal, 28th to 30th November, 2016.
46. A One Week GIAN course on "Low-Volume Roads Engineering Best Practices, NIT Warangal, 26th to 30th September, 2016.

Details of Journal Publications/
Conferences (National and
International)

International Journal

1. Yugendar Poojari, Prashanth E., D. Divya, Kalyani M. (2021), "Modelling Pedestrian Crossing Behaviour at a Midblock Section" Slovak Journal of Civil Engineering, 29(3), pp-15-21.
2. Poojari Yugendar, Kampilla Vishnu (2020), "Strength behavior analysis of fiber reinforced fly ash concrete" Materials Today Proceedings, 43(2), pp 1659-1665.
3. Poojari Yugendar, Kalaga Ramachandra Rao and Geetam Tiwari (2020), "Driving Cycle Estimation and Validation for Ludhiana City, India", International Journal for Traffic and Transport Engineering, 10 (2), 229-235.
4. Poojari yugendar, KVR Ravishankar, (2019) "Neuro-Fuzzy based crowd speed analysis at mass gathering events", Jordan Journal of Civil Engineering, volume 13, no.3.
5. Poojari yugendar, KVR Ravishankar, (2019), "The Effect of Physical Factors on Crowd Walking Behavior at Religious Gatherings", Quality & Quantity, International Journal of Methodology, July 3.
6. Poojari Yugendar and K.V.R. Ravishankar (2019), "Neuro-Fuzzy based crowd speed analysis at mass gathering events", Vol. 13, No. 3, Jordan Journal of Civil Engineering, Vol. 13(3).
7. Poojari Yugendar and K.V.R. Ravishankar (2018) "Multi-regime modelling for large congregation", Institution of Civil Engineers (ICE: Transport), Ahead of Print, Published Online: October 30.

8. Poojari Yugendar and K.V.R. Ravishankar (2018) "Crowd behavioural analysis at a mass gathering event", Journal of KONBiN, 46, 5-20.

International /National Conferences

1. D. Harinder, P. Yugendar, S. Shankar (2021), "Experimental Assessment of Coir Geotextile to Improve the Strength of Weak Subgrade at Different Load Conditions", IC-SAFRI 2021, CBIT (A), 26-27 June 2021.
2. Kanchumurthy Anusha, Dr. Poojari Yugendar, Dr. S. Moses Santhkumar (2020), "Macroscopic Analysis of Traffic Flow Behavior on Multi-Lane Highways under Heterogeneous Traffic Conditions", International Conference on Advances in Civil Engineering, VNIT Nagpur, 5-7 November 2020.
3. Poojari Yugendar, Kampilla Vishnu (2020), "Strength behavior analysis of fiber reinforced fly ash concrete" ICAMBC 2020, Mattest Research Academy, Chennai, 18-23 July 2020.
4. PoojariYugendar and K V R Ravishankar (2019), "Experimental Study on Crowd Flow Behaviour through Bottlenecks", 98thTRB Annual Meeting, January 13-17, 2019, Washington, D.C., USA, Manuscript number: 19-02469R1, Presentation Number: 19-02469.
5. Anand babu, Poojari Yugendar, KVR Ravishankar (2018) "Crowd Behavior Analysis and Tracking using Tracker". 5th Colloquium Transportation Systems Engineering and Management, NIT Warangal, 17 – 19, May.
6. Govinda Lalam, Poojari Yugendar, Eswar Sala, KVR Ravishankar (2018) "Tool Kit to Evaluate the Mid-Block in Perception to Pedestrian Crossings Behavior". 5th Colloquium Transportation Systems Engineering and Management, NIT Warangal, 17 – 19, May.
7. Poojari Yugendar and K V R Ravishankar (2016), "Crowd Behaviour Analysis Through Video Surveillance", International Conference on Transportation Planning and Implementation Methodologies for Developing Countries, 12thTPMDC, paper id 97, 19-21 December, IIT Bombay, Mumbai, India.