

Curriculum Vitae

Prof. D. RajashekarReddy
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Office

CIVIL ENGINEERING DEPARTMENT,
UNIVERSITY COLLEGE OF ENGINEERING(A)
OSMANIA UNIVERSITY HYDERABAD-7, TG

Education

- BE(CIVILENGINEERING) from Osmania University, 1996
- M.Tech.(TRANSPORTATION ENGINEERING) from JNT University Hyderabad, 1999
- Ph.D from Indian Institute of Technology, Kharagpur, 2018. Topic: '*Development of Models for Resilient Modulus and Time Lag of bituminous Mixes*'

Work Experience

- Working as **Professor of Civil Engineering** at Osmania University, Hyderabad. (June 2018 to till date)
- Worked as Associate Professor of Civil Engineering at Osmania University, Hyderabad. (June 2015 to June 2018)
- Worked as Assistant Professor of Civil Engineering at Osmania University, Hyderabad. (June 2007 to June 2015)
- Worked as Assistant Professor of Civil Engineering at VNRVJIET, Hyderabad. (June 2005 to June 2007)
- Worked as Assistant Professor of Civil Engineering at GPR Engineering College, Kurnool. (June 2002 to June 2005)
- Worked as Academic Associate at Centre for Transportation Engineering, IPGS&R, JNTU Hyderabad (March 2000 to June 2002)

Research

Projects

- TEQIP sponsored research project on 'Structural Evaluation of Pavements and CBR value estimation using Dynamic Cone Penetrometer', Amount Rs. 80000/- (2015-16)
- GHMC Hyderabad, Quality Control Consultancy works to conduct detailed study of Quality Parameters by selecting 1-2% of the works executing in GHMC (especially road works) for one year, 2017-18 (Lr.No.SE(QCC)/GHMC/2018-1878 dated 07.06.2018)

- GHMC Hyderabad, Comprehensive Quality Testing of 1-2% of CC roads and BT roads for the works executed in GHMC area, duration 3 months, 2016 (Lr. No. SE/QCC/GHMC/2016-1544 dated 20.10.2016)
- GHMC Hyderabad, Road works, verification of quality of works sanctioned during 2015-16 by random picking of 2% of works sanctioned, duration one month, 2016(Lr.No.304/GHMC/2016/C-P dated 26.10.2016)
- Job Mix, Mix design and proof check of various types of Pavements for Government and Private organisations
- Material testing for Pavement and Railway works for Government and Private agencies.

Corporate/Administrative Experience

- Chairperson, BoS(A), CED, UCE(A), Osmania University (2024 to till date)
- Director, Infrastructure, Osmania University (2024 to till date)
- i/c Director, Estate Cell, Osmania University (2024 to till date)
- Member for various committees constituted by Osmania University.
- Member Departmental Committee, CED, UCE, OU (2018 to till date, 2011 to 2015)
- Empanelled as National Quality Monitor (NQM) by National Rural Infrastructure Development Agency (Ministry of Rural Development, GoI) from Feb 2021
- Lab In-charge Transportation Engineering Laboratory (2021 to 2024, 2016-18)
- Special Officer (Infrastructure), UCE, OU (2019 to April 2022)
- General Warden for Kinnera Hostel and New Kinnera Hostel, UCE,OU (2016 to 2021)
- Faculty advisor for Transportation Engineering Section, CED, UCE, OU (2024 to till date, 2018 to 2021)
- lab Incharge Survey laboratory (2018 to 2021)
- Coordinator, UG-NBA, CED, UCE (2018-19)
- Member Anti Ragging committee, UCE,OU (2016to2021)
- Member, Hostel Committee, UCE,OU(2016 to 2021)
- Member Sports Committee, UCE, OU (2019 to 2022)
- Member Scrap Committee, UCE, OU (2020 to till date)
- Member, Committee for framing the guidelines for hostel admission, UCE, OU (2019to2020)
- Member, Committee for review of salaries of contract employees, UCE, OU (2019 to 2020)
- Member, Committee for rain water harvesting, UCE,OU (2019 to 2020)
- Member, Departmental Scrap Committee, CED, UCE (2019 to till date)
- Member Departmental Anti Ragging Committee, CED, UCE (2018 to till date)
- Faculty adviser and Mentor for BE III year students (2024 to till date, 2007-11,2015-17)
- Faculty Incharge for conducting ME (Regular/PTPG)Exams(2009-2011)

Trainings and Other Programs Attended

- Attended 6thInternational Conference on Roundabouts at Monterey, CA, USA during 15-18, May, 2022 Hosted by Transportation Research Board, USA
- Attended Three day training program organized by National Rural Infrastructure Agency at Indian Academy of Highway Engineers, Noida, UP during 22-24 Feb 2021.
- Attended Three day workshop on 'Developments in Pavement Engineering' during December 21-23, 2018 at IIT Kharagpur
- Attended TEQIP sponsored short term course on 'Sustainable Urban Transportation System' during March 23-25, 2017 at IIT Kharagpur

- Attended Three day workshop on 'Pavement Design, Evaluation and Material Characterization' during December 21-23, 2015 at IIT Kharagpur
- Management Development programme on 'Statistical Modeling for Data Analysis' organized by VGSoM, IIT Kharagpur, during 9-14 December 2013
- QIP short term course on 'Materials Engineering & Industrial Applications' organized by Material Science Centre, IIT Kharagpur, during 11-22 November 2013
- Indo-US workshop on 'Highway and Airport Pavement Engineering' organized by Civil Engineering Department, IIT Kharagpur, during 30-31 July 2010
- Indo-US workshop on 'Highway and Airport Pavement Engineering' organized by Civil Engineering Department, IIT Madras, during 7-8, August 2009
- MHRD sponsored Summer School on 'Functional English for Science and Engineering Teachers' organised by IIT Kharagpur, during 14-20 July 2009
- Four day training programme on 'Road and Site Design Custom Training' organized by Bentley Institute, Chennai during 9-12 March 2009

Seminars Organized

- Coordinator for One Day Workshop on 'Pavement Design, Evaluation and Maintenance' for GHMC Engineers held on 23rd June 2018 at Civil Engineering Department, UCE, OU
- Convener for One Day Workshop on 'Engineering Graphics using AUTOCAD' held on 9th October 2015 at Civil Engineering Department, UCE, OU
- Coordinator for Two day training programme on 'Recent Advances in Highway and Traffic Engineering' organized by Civil Engineering Department, UCE(A), Osmania University during 20-21 March 2009

Memberships in Professional/Scientific Bodies

- Fellow, Institution of Engineers (MembershipNo.F-1252719)
- Member, Indian Roads Congress (RollNo.eLM101059)

List of Publications

Peer-Reviewed Papers

- 'CapacityAnalysisofRoundabouts'at6thInternationalConferenceonRoundaboutsatMonterey, CA, USA during 15-18, May, 2022 Hosted by Transportation Research Board, USA
- 'Evaluation of Rutting potential of Asphalts using Resilient modulus test parameters', International Journal of Road Materials and Pavement Design, Taylor & Francis, UK, Vol. 20, No.1, 2019
- Geometric design consistency & its relation to safety on outer ring road' International Journal of Advance Research in Science & Engineering, Jan'2018
- 'Soil Stabilization and design of Flexible pavements using IRC:37-2012' Journal of Emerging Technologies and Innovative research, Vol. 5, Issue 2, Feb'2018
- 'Evaluation of the effect of aggregate gradation & binder parameters on Bituminous Mix Rutting' International Journal of Emerging Technology & Advance Engineering, Vol. 8, Issue 5, May'2018
- 'Analysis of Gap Acceptance, Capacity and Level of service at Un-signalized 'T' Intersection under Mixed Traffic Condition' International Journal of Technical Innovation in Modern Engineering & Science, Vol. 4, Issue 9, Sept'2018
- 'Planning of Cross Pedestrian facilities in Urban areas', International Journal of emerging Technology & Advance Engineering, Vol. 7, Issue 12, 2017

- 'Capacity analysis of Roundabout' International Journal of Advance Research in Science & Engineering, Vol. 6, Issue 1, Dec' 2017
- 'Improvement of Sub-grade material using additives' International Journal of Advance Research in Science & Engineering, Vol. 6, Issue 1, Dec' 2017
- 'Impacts of Road way Traffic and man-made features on Road safety' International Journal of Advance Research in Science & Engineering, Vol. 6, Issue 12, Dec' 2017

Conferences

- 'Evaluation of the effect of Aggregate Gradation and binder parameters on Bituminous Mixes' in Two day National Conference on Advance Computing Applications in Civil Engineering, organized by CED, OU, 20-21 April, 2018
- 'Development of master curves for DSR parameters of binder' at National conference of Recent Research Advances in Civil Engineering at Osmania University, 2014
- 'Road accidents: A case study of Hyderabad city' at International conference on Best practices to relieve congestion on mixed traffic urban streets in Developing countries at IIT Madras, 2008
- 'How transit and HOV reduces traffic congestion' at Innovations in pricing of Transportation systems Conference & Workshop, University of Florida, USA, 2010
- 'Effect of congestion pricing on Environment due to traffic congestion in Urban area (a case study)' at Innovations in pricing of Transportation systems Conference & Workshop, University of Florida, USA, 2010

Other Info

Research Guidance

- ME Thesis guided :30
- Ph.D thesis :4 working
- Native Place :Koratikal, Yadadri Bhuvanagiri Dist., TG

(D.RajashekarReddy)