



**Head of Civil Engineering Section,
Department of Technical Education
Telangana State, India**

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Dr. Ashok Kadaverugu, FIE

DoB: January 8, 1964

Profile:

I am having experience of 26 years of teaching in Civil Engineering after 6 years of (SCCL) Industrial experience. Post Graduate in Multi disciplinary fields of Management, Psychology and Civil engineering. Awarded PhD in Management in 2006 and published several research articles and conference papers, and also authored few text books on civil and Mechanical engineering for diploma students. Participated in about 60 FDP/Conferences/Seminars/Workshops. Recipient of Chartered Engineer (India) in 1992 and awarded FELLOW in 2014 from the Institution of Engineers(India) and AP State BEST TEACHER in 2014 from ISTE. Life Member of ISTE, IWWA and Life Associate Member of INDIAN ASSOCIATION OF CLINICAL PSYCHOLOGISTS.

Education:

- Pursuing PhD (External) in Civil Engineering from JNTUH, 2015 (A study to subdue the impact of flash floods on road connectivity in Indian urban areas) and expected completion in June 2021.
- **UGC-NET—Psychology, 2018**
- M. Tech in Water Resource Engineering from NIT, Jaipur — 9.36 CGPA, 2007 (Urban Heat Island studies of Rajasthan cities using remote sensing data)
- PhD in Management from Kakatiya University, 2006 (Organisation development of Coal Industry, case study of SCCL)
- M. Sc in Psychology from SV University, Tirupati — 61%, 1999
- SLET — Management, 1999
- MBA in Marketing from IGNOU — 3.89/5 point scale, 1997 (Job satisfaction and Mental health of Polytechnic teachers in then Andhra Pradesh)
- AMIE in Civil Engineering from Institute of Engineers (India) — 62%, 1988
- Diploma in Civil Engineering from Govt. Polytechnic Warangal — 87%, 1983
- X class from TS Residential School, Sarvail — 82%, 1980

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Work Experience:

- **Head of Civil Engineering Section, From November, 2018 to till date**
- Senior Lecturer in Civil Engineering, from August 2016 to October 2018
- **Assistant Director (Training, Placement & SDC), O/o DTE, Telangana, Hyderabad, 2016**
- *Lecturer (Selection Grade) in Civil Engineering, TSTES since March 2006 for 10 years.*
- Lecturer in Civil Engineering, TSTES since March 1995 for 11 years
- Singareni Collieries Company Limited, from 1989 for 6 years.
- Mathematics Institution from 1987, Part time Polytechnic Lecturer for 2 years.
- Draughtsman Grade II, State Government Forest Department for 1 year.
- **Qualified** twice in Group – I Services 1991, 1994, ACF-1989, AEE-1991 of APPSC

Titles / Memberships:

- **Life Associate Member in Indian Association of Clinical Psychologists (IACP)**
- **ISTE- Best Polytechnic Teacher Award for 2014 for two states AP & TS**
- **FIE from the Institution of Engineers (India) in September 2014, F-1190543**
- **Core committee member in World Congress of Psychologists (WCOP)**
- **Life Member in Indian Water Works Association, LM-9904**
- Doctorate in Philosophy –Management- Since 2006
- Chartered Engineer (India) - since 1992
- Life Member in Indian Society of Technical Education since 1994, LM-17391
- Life Member in Academy of Psychologists since 1999, **Member in IPPSI**
- Received National Merit Scholarship from 1980 to 1983
- **Life member of TS SARVAIL school alumni, LM-194**

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Books Authored:

- Edited course material on Town Planning and Traffic Analysis.NITTTTR, EC HYDERABAD
- “Maintenance of Buildings”, Falcon publishers, Hyderabad, ISBN 93-80155-70-0
- Co-authored Text book Irrigation Engineering, Radiant Publishers, Hyderabad
- Co-authored Text book Industrial Management and Safety, Radiant Publishers,
- Co-authored Surveying-I, II & III, VGS book links, ISBN 81-920540-5-5, Hyderabad
- Co-authored Engineering Mechanics. Falcon publishers, Hyderabad-- - ISBN 93-80155-98-0
- Co-authored Surveying, Falcon publishers, Hyderabad (under publication)
- Co-authored Industrial Management and Entrepreneurship, Falcon publishers, Hyderabad(under publication, October 2020)
- Co-authored Integrated Waste Management, Falcon publishers, Hyderabad (publication)

Other Contributions

- Guided projects to Diploma, AMIE and MBA students.
- Invited lecture DEQSTI on 8.4.2003, KU Warangal on Role of Sports in self development
- Faculty Advisor, ISTE Student Chapter, GPT, Warangal 2000-2002
- Student Advisor, Institution of Engineers (India) at GPW, Warangal 2009-2012
- Joint Honorary Secretary, IEI local centre, Warangal for 2010-2012
- Training and Placement Officer, GPW, Warangal 2015-16 and formed Alumni
- Facilitated Remote Sensing Laboratory at MNIT, Jaipur, 2007
- Contributed to Internal Revenue Generation fund upto Rs.12 lakhs from 2009.
- Contributed to Internal Revenue Generation fund at GPT, Warangal
- New Education Policy 2015, Higher Education – Coordinated for Warangal District Mandallevel and District Level, Later approved as National Educational Policy, 2020
- Subject Expert in SBTET, TS, Hyderabad
- Subject Expert in TSPSC, Hyderabad
- Subject Expert in BITS Engineering College, Selection Committee.
- Team member in “COVID-19 Psychological Support Group” of IACP
- AICTE coordinator in GPT, Nalgonda 2018-2020
- Co chaired a webinar on Philosophical approach to prevent suicides by IPPSI, on 29.7.2020
- Invited talk in national webinars on Psychology, Suicides prevention, Mental health, 2020

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Papers Presented /Published/ Communicated:

1. Remote Sensing and GIS Application in Disaster Management, A case study of Flood Hazard in Surat, Gujarat in National Conference, Khandwa, MP.12-13 Jan, pp 152-164
2. Planning and Designing of Drains for Bayana, Rajasthan using Remote Sensing and GIS in National Conference on Water and Waste Management, Kakinada, 23-24 April, pp. 77-85
3. Application of RS and GIS in Inter Linking of rivers Parbati, Kalisindh and Chambal for Rajasthan State in National Conference, Hydro-2006, Pune, 8th-9th Dec. pp. 33-42
4. Synergistic effect on Fluorides and Aluminium in Manifestation of Fluorosis – A case study of Chaksu, Jaipur, India’ in 1st *International* conference on Environmental supporting for Food & Energy security: Crisis and Opportunity, 22-25 March, 2011.
5. Presented and published a paper on ‘Urban Heat Island studies using Remote Sensing data’ Case study of Rajasthan cities to 11th Asian Urbanization Conference, Hyderabad, Dec 2011, pp 251-258, vol.3 of ISBN 8180699471
6. An Integrated Approach to Locate Special Economic Zones, in National Seminar on SEZ, at L.B. College, Warangal.
7. Learning Problems of High school Students, in 1st National Conference of Academy of Psychologists, at S V University, Tirupati.
8. Presented Paper “Health and Well being in Teaching Profession”, in UGC National Seminar, Department of Psychology, SDLCE, KU Warangal 24-25, March, 2014
9. Presented and published paper Review on Impact of flash floods in Urban India and its mitigation in 3rd National Conference on Water, Environment and Society, June 6-8, 2016 at JNTUH, vide page 297-302 of ISBN 9789352301249
10. Presented and published paper “Integrated approach for mitigating the effect of flashfloods in Urban setting”, in 3rd International Conference on Environmental Management (ICEM 2017), November 27-30, 2017, JNTUH, vide page 489 -498, Vol.2 of ISBN 9789386819505
11. Presented and published paper “Urban water Management in Indian Cities – An Integrated approach” in 3rd National Conference on Sustainable Water and Environmental Management SWEM-2017, December 21-23, 2017 at JNTUH, vide page 517-527 of ISBN 978-93-86819-94-9
12. Kadaverugu R, Ashok K and Rajesh Biniwale. Modelling of subsurface flow treatment wetlands. ESI OpenFOAM and Scilab conference, Pune (22-24th August, 2018)
13. Published paper titled ‘Review on Coronavirus Disease of 2019 (CoVID – 19) and Social Distancing Measures’ to International Journal of Scientific Research, Microbiology, Volume 9, Issue-5, May-2020, ISSN NO 2277 – 8179, DOI : 10.36106/ijsr
14. "Quantification of flood mitigation services by urban green spaces using InVEST model: a case study of Hyderabad city, India" (DOI: 10.1007/s40808-020-00937-0), Modeling Earth Systems and Environment, Springer journal with ISSN: 2363-6203
15. High resolution Urban Air quality modeling using a multi scale approach in 8th International conference on OpenFOAM