

- **PROFILE –**

Mr. **Akula Prakash**, Assistant professor, Department of Civil Engineering, Gokaraju Rangaraju Institute of Engineering and Technology since December 29, 2016. He graduated from Institute of Aeronautical Engineering Affiliated to Jawaharlal Nehru Technological University in Civil engineering in the year of 2014. He did internship in an area of “Estimation of Multistorey buildings” and Major Project in the area of “Case Study on EPS Buildings”. He familiar in much software like Auto-CAD, Q-CAD, Q-GIS, and Expert in Surveying works handling advance surveying Equipment’s like Total Station, Electronic Theodolites, Digital handy linear measuring instruments.

He did his master from University College of Engineering (UCE), Osmania University (OU) Hyderabad in Construction Engineering and Management. His post-graduation work carried out in “Analysis on Green Building and Material Selection process using Fuzzy logic Approach”. He is interested in doing research on Cost Estimation, Strategic Cost Management, Fuzzy logic Approach, Application of Artificial Intelligence in Construction,

He has attended several online courses like NPTEL online course of 12weeks in Project Planning and Control, successfully completed FDP (Faculty Development Program) FDP101x and FDP102x conducted by IIIT BOMBAY in 2017 and he attended FDP at TASK on “Industry Perception in Civil engineering”.

He has secured many online certificate course Udemy 2 courses and Coursera 18 Courses

He has published several International and National Journal papers along with International / National Conference papers



Contact:

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Curriculum Vitae

Education Details:

Course	School/ College	Board/ University	Year Of Pass	Percentage/ CGPA
M.E (Construction Engineering and Management)	University College of Engineering, (UCE)	Osmania University (OU)	2016	76
Civil Engineering (B-Tech)	Institute of Aeronautical Engineering	JNTU – Hyderabad	2014	74.55
M.P.C	Narayana Junior College	B.I.E	2010	89.6
SSC	Rajadhani High School	AP BOARD	2008	87.33

Experience & Other Academic Contributions:

He has 4 Years of teaching experience.

He has attended many online and offline courses like NPTEL, UDEMY, COURSERA, FDPs, WORKSHOPS, WEBINARS/SEMINARS and published many papers in CONFERENCES,

Major Career Interests:

Construction Cost Reduction

Construction Automation

Material Optimization

Strategic Management

Fuzzy logic Approach

Surveying Activities

Association with Professional Bodies



Research Interests:

Construction Automation

Material Optimization

Strategic Management

Subjects Taught:

- Construction Technology and Project Management
- Estimation and Costing
- Concrete Technology
- Project Planning and Control
- Building Material and Construction Planning
- Surveying
- Surveying Lab
- Concrete Technology Lab

Journal Publications/Conference Proceedings:

International Journals	-
National Journals	2
International Conferences	2
National Conferences	12
Total =	16

ACHEIVEMENTS AND AWARDS

INVITED LECTURES

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PROFESSIONAL PROGRAMS ATTENDED:

- **Five Day Faculty Development Program** organized by Department of Civil Engineering, Nagpur Institute of Technology on Advances in Civil Engineering from 26-05-2020 to 30-05-2020.(Nagpur Institute of Technology)
- **FDP One Week AICTE MARGDARSHAN FDP on Art of Writing Papers and Research Methodologies** during 07 - 13 May 2020. (GRIET)
- **FDP** on Recent Advances in Civil Engineering from 20th - 22nd May 2020.
- **FDP** on Global Trends in Civil & Infrastructural Engineering (GTCIE-2020) From 26th – 30th May 2020 (IAE).
- **FDP** on Emerging Trends in Infrastructure & Structural Engineering (ETISE - 2020) from June 02nd – 06th 2020 (MLRIT)
- **FDP** on Recent Advances In Concrete Technology & Sustainable Infrastructure” during 21 – 23 May, 2020. (GRIET)
- **FDP** on Recent Trends on Civil Engineering held from 10th -12th June 2020, organized by Geethanjali Institute of Science and Technology.
- One Week FDP on “Research Challenges and Opportunities Post COVID-19 (RECOP 2020)” organized by Research & Development Cell and Institution’s Innovation Council of Sri Vasavi Engineering College (Autonomous) during 4-9 May 2020.
- **FDP** on “Recent Advances in Civil Engineering” from 22nd -24th June 2020 organized by S.A.Engineering college , Chennai.

- One week **FDP** (Faculty Development Program) conducted by GRIET in 2016.
- One week **FDP** (Faculty Development Program) conducted by IIIT BOMBAY in 2017.
- **FDP** (Faculty Development Program) conducted by TASK on “Industry perception in Civil Engineering” on 28th Sep 2018.

Sponsored Projects

Publications

LIST OF PAPER PUBLICATIONS

JOURNALS:

❖ **INTERNATIONAL:**

❖ **NATIONAL:**

1. **Akula Prakash**, Khanapuram Anand Goud, Kandlagunta Mounika (2020), “Fuzzy Model Development in Green Building Material Selection”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9 Issue-1, May 2020
2. **Akula Prakash** and Rathod Ravinder (2018), “Properties of Self Compacting Concrete with Peri-Shuttering Technology, Indian journal for scientific technology”,17(2), 327-329 , ISSN NO:0976-2876 ISSN:2250-0138

CONFERENCE PROCEEDINGS:

❖ **INTERNATIONAL:**

1. **Akula Prakash** and Kandlagunta Mounika (2018), “Construction robotics”, International conference on latest trends in new era of engineering, science arts management, agriculture, law, pharmacy and medical sciences 25th-26th feb2018
2. **Akula Prakash** and Rathod Ravinder (2017), “Properties of Self Compacting Concrete With Peri-Shuttering Technology”, 2nd International Conference on Recent Innovations in Engineering and Technology”(ICRIEAT) ISBN:978-93- 86647-85- 6,21-22- DECEMBER 2017

❖ **NATIONAL:**

1. A. Vittalaiah Akula Prakash and Rathod Ravinder (2019) “Effect of Geotextile on CBR Strength of Unpaved Road with Soft Subgrade” 6th National Conference on Water, Environment & Society (NCWES - 2019), 5 – 7 June 2019, ISBN: 978-93-88305-98-3, Page : 265-271
2. Kandlagunta Mounika, Akula Prakash and A Vittalaiah (2019) “A Study on Use of Wasteplastic in Bituminous Paving Mixes” 6th National Conference on Water, Environment & Society (NCWES - 2019), 5 – 7 June 2019, ISBN: 978-93-88305-98-3, Page : 272-279

3. **Akula Prakash** V. Rajendra, M. Venkatesh, B. Nikhil and G. Sushanth (2019) “Study on Comparison of Properties of Recycled Coarse Aggregate in Concrete with the Conventional Concrete and as A Highway Material”, 6th National Conference on Water, Environment & Society (NCWES - 2019), 5 – 7 June 2019, ISBN: 978-93-88305-98-3, Page : 280-287
4. **Akula Prakash**, A.Varsha, Ch. Shailaja, A. Shivaleela and Ch. Swapna (2019) “Reducing Construction and Demolition Waste through Reuse and Recycling (Replacement of Fine Aggregate by Demolition Waste Concrete)”, 6th National Conference on Water, Environment & Society (NCWES - 2019), 5 – 7 June 2019, ISBN: 978-93-88305-98-3, Page : 288-296
5. Rathod Ravinder, A.Vittalaih and **Akula Prakash** (2019) “Repair and Rehabilitation of RCC Structures” 6th National Conference on Water, Environment & Society (NCWES - 2019), 5 – 7 June 2019, ISBN: 978-93-88305-98-3, Page : 425-430
6. Rathod Ravinder, Vivek Kumar C., **Akula Prakash**, A.Vittalaih and P.V.V.S.S.R Krishna (2019) “Strength Characteristics of Fibrous Self Curing Concrete Using Super Absorbent Polymer” National Conference on Recent Advances in Civil Engineering (NCRACE-2019), 28th June 2019, ISBN: 978-93-8830-599-0, Page : 1 – 9
7. **Akula Prakash** and Rathod Ravinder(2018) “Analysis on Green Building, (Case study: GRIET, Hyderabad, India)” 5th National Conference on Water, Environment & Society (NCWES - 2018), 4 - 6 June 2018, ISBN: 978-93-87593-72-5, Page : 434-443
8. Rathod Ravinder, **Akula Prakash**, M. Govardhan, Ch. Chaitanya Lakshmi and Varala Akhila(2018) “Estimation of Residential Building Using Low Cost Materials” , 5th National Conference on Water, Environment & Society (NCWES - 2018), 4 - 6 June 2018, ISBN: 978-93-87593-72-5, Page : 444-447
9. Kandlagunta Mounika, **Akula Prakash** and Rathod Ravinder(2018), “Laboratory Study of Bituminous Mixes Using Sisal Fiber” 5th National Conference on Water, Environment & Society (NCWES - 2018), 4 - 6 June 2018, ISBN: 978-93-87593-72-5, Page : 448-454
10. **Akula Prakash** and Kandlagunta Mounika (2018) “Modeling of Road Accidents” , 5th National Conference on Water, Environment & Society (NCWES - 2018), 4 - 6 June 2018, ISBN: 978-93-87593-72-5, Page : 498-511
11. **Akula Prakash**, Naveen Reddy K, Tejeshwar Reddy P and Gunashekar M (2017) “Fuzzy Model Development in Green Building Material Selection”, National Conference on Recent Innovations in Civil Engineering (RICE 2017), GRIET, Hyderabad, 15th -16th December 2017. ISBN: 978-93- 5279-269- 6, Page : 1-13
12. **Akula Prakash** and Gopal Naik M (2017), “Analysis on Green Buildings (Case Study :CII Sohrabji GBC,HYD,INDIA)”, 3rd National Conference on Innovative Research in Civil Engineering”(NCIRCE 2K17), 21st January 2017

Books /Chapters

PhD Supervision

Professional Work

Visits Abroad