



G.Durga Rama Naidu

Assistant Professor

Department of Civil Engineering
Aditya Institute of Technology and Management (A)
Tekkali, Srikakulam– 532201
Contact No. : 8985370191
e- mail : naidu.gdr@gmail.com

1. Academic Qualifications :

S No	Examination	Board/University	Specialization	Year	Division/ %Marks
1	10 th	CBSE	-	2007	FIRST CLASS
2	Intermediate	State board (A.P)	M.P.C	2009	FIRST CLASS
3	B.E+M.E(Dual degree in civil engineering)	Andhra University	Structural engineering	2014	FIRST CLASS

2. Professional Experience:

S No	Designation	Place of Work	Period
1	Assistant Professor	Raghu Institute of Technology and Management	6 months
2	Assistant Professor	Aditya Institute of technology and Management, Tekkali	6 years

Member ships

- 1) Associate Member of IE – AM 1752866
- 2) Life member of ISTE –LM 124638

Fields of research interest:

Exam Replacement of concrete materials with sustainable materials with low cost

2. Administrative Experience:

S.No	Designation	Place of Work
1	College Student Activity Center In-Charge (previous)	Aditya Institute of Technology and Management
2	NBA 9 th criteria in charge (previous)	Aditya Institute of Technology and Management
3	Time table coordinator (previous)	Aditya Institute of Technology and Management
4	Department Student Activity center coordinator (previous)	Aditya Institute of Technology and Management
5	NBA 5 th criteria in charge (present)	Aditya Institute of Technology and Management
6	Projects lab in charge (present)	Aditya Institute of Technology and Management
7	Department placement co-ordinator (preVIOUS)	Aditya Institute of Technology and Management
8	Member of Institute Innovation cell (present)	Aditya Institute of Technology and Management
9	Department Exam cell coordinators (previous)	Aditya Institute of Technology and Management
10	Results analysis in charge (previous)	Aditya Institute of Technology and Management

Publications:

1. **G.Durga rama naidu** & G.V Rama rao, “Comparative study of analysis and design of pre-engineered buildings and conventional frames” International journal of engineering research and development. Volume 10, issue 9 (September 2014), pp.33-41.
2. **G.Durga rama naidu** & G.Gowri shankar rao “Improvement of safe bearing capacity of moorum using cement as admixture” international journal of academic research (ijar), volume 3, issue1 (1), july-september, 2015.
3. Sekhar raju & **Durga rama naidu** “An experimental study on mechanical properties for replacement of river sand with sea sand and robo-sand in concrete” international journal of civil engineering & technology (ijciet), volume 8, issue 3, march 2017.
4. **Durga rama naidu** & p. manoj kumar, “Behaviour of M20 grade concrete at different temperatures” international journal of civil engineering & technology(ijciet), volume 8, issue 3, march 2017.
5. **G.Durga rama naidu** & G.Prassana kumar, “An experimental study on non-destructive tests and stress strain curves of m20 grade concrete with nano-silica using m-sand” international journal of civil engineering & technology (ijciet), volume 8, issue 3, march 2017.

6. Hari prasad duvvada & **G.Duraga rama naidu**. -“k-means cluster analysis of cities based on their inter- distance”. International journal of engineering development and research (ijerd) 4 December 2017.
7. **G. Durga Rama Naidu** & G. Tirupathi Naidu “Behaviour of multistoried composite structures with different wind velocities and structure heights”. International journal of recent technology and engineering (ijrte) issn: 2277-3878, volume-7 issue-4, November 2018.
8. **G.D.R. Naidu** and A. Ram Prasad, “Effect of Sea Water on Strength of Concrete Made By River Sand and Sea Sand”. International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-3, September 2019.
9. K.Joga Rao, **G.D.Rama Naidu** and S.Ramlal “a comparative study on compressive strength of conventional concrete and carbon fibre concrete exposed to high temperature” International Journal of Civil Engineering and Technology (IJCIET), Volume 10, Issue 08, (August 2019) issue

M.Tech (Thesis Works) Guided:

S.No	Title of the Thesis	Name of the Student	Year
1	Behavior of composite multistoried buildings with different wind velocities	Mr.D. Hari Prasad Completed	2016 BATCH
2	Study on Strength of carbon fiber concrete on elevated temperatures using natural resource	Mr. P. JOGARAO completed	2017 BATCH
3	Comparative study on strength of sea sand concrete and river sand concrete using sea water	Mr. M. Ramprasad Completed	2018

Project Works Guided B.TECH students

S.No	Title of the Project work	Year
1	Behavior of concrete at different temperatures	2015-16
2	Design of G+4 a commercial building using software and manually	2015-16
3	Design of G+5 a cold storage building using software and manually	2016-17

4	Testing the concrete using debris from old buildings and replacing the sand with crusher dust	2016-17
5	Fully replacement of fine aggregates of M35 concrete with pebbles	2017-2018
6	a study on m25 concrete with partial replacement of fine aggregate with debris	2017-2018
7	A STUDY ON STRENGTH CHARACTERISTICS OF NORMAL BRICK WALL AND ECO BRICK WALL USING NDT TESTS	2019-2020
8	Comparative study of G+10 BUILDINGS SUBJECTED TO VARYING WIND LOADING	2020-2021
9	ANALYSIS OF RC (G+6) RESIDENTIAL BUILDINGS IN DIFFERENT SEISMIC ZONES AS PER IS: 1893-2016	2020-2021

5. Conference/FDP/Workshops Attended

S.No	Title of the Programme	Sponsored By	Period
1	Faculty development program	IIT-Hyderabad 2017	2 days
2	APICTIEE International conference	SRM – Amravati 2018	3 days
3	One day Awareness Programme On INTELLECTUAL PROPERTY RIGHTS AND PATENTS	Aditya Institute of Technology and Management 2018	1 day
4	One week QIP course on “Recent Advances In Pile Foundation Design, Construction And Testing”	IIT-Bombay	1 week
5	One week FDP on “FAULT DIAGNOSIS, CONDITION MONITORING AND STRUCTURAL DYNAMIC ANALYSIS	Aditya Institute of Technology and Management 2017	1 week
6	Two Days National Seminar on “RECENT INNOVATIONS IN CIVIL ENGINEERING”	Aditya Institute of Technology and Management 2017	2 days

7	One week national work shop on “RECENT DEVELOPMENT IN STRUCTURAL ENGINEERING	Aditya Institute of Technology and Management 2016	1 Week
8	Two days National seminar on GIS APPLICATIONS FOR PUBLIC HEALTH PROTECTION	Aditya Institute of Technology and Management 2015	2 Days
9	One day Awareness Programme On INTELLECTUAL PROPERTY RIGHTS AND INNOVATIONATIONS	Aditya Institute of Technology and Management 2017	1 day
10	One day Awareness Programme On INTELLECTUAL PROPERTY RIGHTS	Aditya Institute of Technology and Management 2017	1 day
11	International work shop on “Reviving Education by Implementation Active and Guided Inquiry Experience in Science, Technology, Engineering, Math &management	Aditya Institute of Technology and Management 2015	5 days
12	Work shop on OUT COME BASED EDUCATION	Aditya Institute of Technology and Management 2015	1day
13	International conference ICCCESTM	Aditya Institute of Technology and Management 2018	Paper published
14	Participated in IUCEE- EPICS DESIGN THINKING COURSE AND PROJECT	PURDUE UNIVERSITY, USA	ONLINE 5 weeks

15	Participated in online One week Faculty Development Program on “Performance of Reliable Materials in Concrete” 29 th June to 3 rd July	Aditya Institute of Technology and Management 2020	One week
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6. Seminars Organized

1. As co-convenor Organized Two days National seminar on “RECENT INNOVATIONS IN CIVIL ENGINEERING” during 7th and 8th DEC of 2017
2. Organized more than 50 events (student workshops, engineers day, student hackathons, college technical fests)
3. As Technical coordinator organized **online One week Faculty Development Program on “Performance of Reliable Materials in Concrete”** 29th June to 3rd July

Awards/Achievements

- 1) Got best student project award by AICTE, vishwakarma awards