

Gedela Prasanna Kumar

Assistant Professor

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1. Academic Qualifications :

S No	Examination	Board/University	Specialization	Year	Division/ %Marks
1	Ph.D.	Andhra University	Structural Engineering	-	Pursuing
2	M.Tech	Andhra University	Structural Engineering	2015	86%
3	B.Tech	JNTUK Kakinada	Civil Engineering	2013	88 %
4	Intermediate	Board of Intermediate AP	MPC	2009	95.7 %
5	SSC	Board of SSC ,AP		2007	93%

2. Professional Experience :

S No	Designation	Place of Work	Period
1	Assistant Professor	AITAM ,Tekkali	20-06-2016 to till date

3. **Fields of Research Interests** : Behavior of concrete under the application of nano materials.

4. **Memberships** : ISTE – LM124639 (Life Member)

5. **Academic Profile** :

1. **Specialization** : Structural Engineering

2. **Titles of the Thesis Works** :

M.Tech Academic Project:

- One year Project on “An Experimental Investigation on Strength properties of M20 Grade concrete by using M-Sand along with 2% nano silica” under the guidance of Dr.K.Rajasekhar.

B.Tech Academic Project:

- I’ve done a Project on “Planning,Analysis and Design of G+5 Multistoried Building.”under the guidance of Ms.R.Priyanka.

6. **Publications** :

- Published a Scopus Indexed journal paper in IJCIET on “An Experimental study on non-destructive properties and stress strain curves on M20 grade concrete with nano silica using M-sand.”
- Published a Scopus Indexed journal paper in IJCIET on “Behaviour of M20 grade concrete at different temperatures.”

- Published A Journal Paper in International Journal of Engineering Science and Invention on “Effect of crusher dust as partial and fully replaced fine aggregate on strength properties of M25 grade concrete.”
- Published A Journal Paper in International Journal for Research in Applied Science & Engineering Technology (IJRASET) on “To Study the Seismic Behaviour of Multi Storied Building along with Planning at Various Zones using Hierarchical Agglomerative Clustering.”

7. Project Works Guided (For B.Tech (Civil-Engineering)):

S.No	Title of the Project work	Name of the Students	Year
1	Planning, analysis, design and detailing of auditorium.	Mahesh Mothikavalasa, Bypothu Niranjan Kumar, Davaleswarapu Sneha, Arunkumar Panda, Gorrela Shanmuka Rao	2016-2017
2	A presentation on replacement of fully coarse and fine aggregates of M25 concrete with concrete debris and crusher dust	Togarana Vamsi, Telukula Jagadeesh, Nirmal Adhikari, Rabin Sharma, Pachipenta Purnima	2016-2017
3	An Experimental Study on Strength properties of M25 Grade concrete by replacing cement with fly ash and fine aggregate with crusher dust.	Bharat Kumar, Divya, Surya Vnadana, Vasudeva Rao, Uday Kumar	2017-2018
4	Partial Replacement of fine aggregate with quartz sand in concrete	K.Siva Sankar, S.DurgaPrasad, S.SaiCharan, S.Ramesh, M.Krishna Rao	2017-2018

Project Works Guided (For M.Tech (Structural Engineering)):

S.No	Title of the Project work	Name of the Students	Year
1	To Study The Seismic Behaviour Of Multistoried Building Along With Planning At Various Zones Using HAC.	N.Chandra Kumar	2017-2018

8. Seminars/ Conferences/Workshops Participated :

- Participated in National seminar on “Recent Innovations in Civil Engineering”, organized by department of Civil Engineering, AITAM, Tekkali.
- Participated in National seminar on “Recent Innovations developments in Civil Engineering”, organized by department of Civil Engineering, AITAM, Tekkali.
- Participated in National seminar on “Fault diagnosis, condition monitoring and structural dynamic analysis” organized by department of Mechanical Engineering, AITAM, Tekkali.

- Participated in One Day Workshop on Intellectual Property Rights & Innovations conducted by AITAM, Tekkali.