

Mr. NAGARAJU GUMMADI

Assistant Professor, Dept. of Mechanical Engineering, RGUKT - Basar

Professional Experience: 11 Years 8 Months

Teaching Experience: P.G. Classes (in years) : 05 Years

U.G. Classes (in years) : 11 Years 8 Months

Academic Experience: 11 Years 8 Months

Academic Background:

- M. Tech in Mechanical Design (IIT Madras)
- B. Tech in Mechanical Engineering (S. R. K. R. Engineering College, A.U.)

Work Experience:

Designation	Institution	Date of	
		Joining	Leaving
Assistant Professor	Rajiv Gandhi University of Knowledge Technologies, Basar (A State Govt. University, Telangana)	24/03/2016	Till date*
Assistant Professor	Faculty of Science and Technology, IFHE	29/07/2011	23/03/2016
Assistant Professor	Sir Padampat Singhanian University, Udaipur	23/08/2010	27/07/2011
Senior Lecturer	The ICFAI University, Dehradun	14/07/2009	20/8/2010

ACADEMIC PROJECT(S):

1. Determination of suitable material for wind turbine blade
2. Design of a Gantry crane for mounting generator of a wind turbine.

3. Contact stress analysis of Normal and High Contact Ratio Gears considering Load sharing ratio

- This project involved the development of a 3 tooth and 5 tooth model of gear in ANSYS, on which contact stress analysis is performed considering load sharing ratio.
- Also the effect of various parameters on the load sharing ratio is studied.



Courses Taught:

U.G.: Design of Machine Elements, Dynamics of machines and vibrations, Engineering Mechanics, Kinematics of machinery, Mechanics of Solids, Measurement techniques, Production planning and Control, Structure and properties of materials, Thermodynamics, Workshop Practice, Elements of Mechanical Engg.

P.G.: Finite Element Analysis, Gear Engineering.

Conference Papers:

S.No	Conferences	Month, Year
1.	International Conference On Emerging Trends in Science Technology Engineering and Management”	09th & 10th, October 2015
2.	International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, KSRIET - Chennai	3/4/2021

Faculty Development Program/ Short Term Courses Attended:

Name of the Course	Place	Duration (Days)	Period		Sponsoring Agency
			From	To	
Faculty Development Programme	IFHE Hyderabad	5 day	29-06-2015	03-07-2015	IFHE
Computational Research Techniques Using MATLAB	NIT Warangal	1 week	26-12-2016	31-12-2016	Self, Dept. of ME, NIT warangal
Innovative Methods for Teaching Mechanical Engineering	NIT Warangal	5 days	22-03-2017	26-03-2017	MHRD, Govt. of India
Orientation Programme	JNTU Hyderabad	28	20-08-2018	19-09-2018	UGC
Refresher Course	JNTU Hyderabad	14	15-07-2019	27-07-2019	UGC

Events Organized:

S.No.	Year	Seminars / Conferences / Workshops and other University activities	Role / Responsibility	From	To	No. of Days
1	2015- 2016	Workshop	Member Organizing team	13/02/2016	14/02/2016	02
2	2018 - 19	Outreach Programme	Member Organizing team	14/07/2018	24/07/2018	10

Details of Conferences/ Workshops/ Seminars – Presented/attended:

S.No	Conferences/ Workshops/ Seminars:	Month, Year
1.	International Conference On Emerging Trends in Science Technology Engineering and Management"	09th & 10th, October 2015
2.	NPTEL – NMEICT AWARENESS WORKSHOP Organized by IIT Madras and NIT, Warangal	31/8/12-1/9/12
3.	Faculty Leadership Development programme organized by SAE India at Priyadarshini college, Nagpur	21/6/13-22/6/13,
4.	International Robotics competition & workshop series conducted by Department of Mechanical Engineering, FST, IFHE University, Hyderabad	8 th to 9 th March 2014
5.	Participated a two day hands on car design workshop conducted by Department of Mechanical Engineering, FST, IFHE University, Hyderabad	18 th to 19 th October 2014

Administrative Positions/ Responsibilities:

S.No.	Academic Year	Administrative Responsibility	From	To
1.	2016-17 and 2017-18	Convenor, Cultural and Social activities	02/8/2016/	15/8/2018
2.	2018-19	BoS Department Committee, Design Engineering: Coordinator	07/04/2018	06/05/2019
3.	2019-20	Member, Advisory Committee, Techfest 2020	15/12/2019	25/02/2020
4.	2019-20	Additional Controller of Examinations	07/08/2019	31/08/2021
5.	2019-20	Member, University Student Grievance Cell	30/05/2021	31/08/2021

6.	2019-20	Member, Departmental Student Grievance Redressal Committee (DSGRC)-Department of EEE	30/07/2019	31/08/2021
7	2018-19	Expert Member, Selection committee for Guest faculty	25/07/2018	-
8	2019-20	Expert Member, Selection committee for Guest faculty	02/07/2019	-

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