

FACULTYPROFILE

Name of the Faculty:		Lt. Y Narendra Babu				
Designation:		Assistant Professor				
Department:		Mechanical Engineering				
Date of Birth:		19-08-1982				
AICTE- ID:	1-426050750					
Education	<ul style="list-style-type: none"> Ph.D (Pursuing) in Mechanical Engineering (Polymer Nano Composites) from JNT University, Kakinada (Registered in 2010). M.Tech in Mechanical Engineering (CAD/CAM) from Bapatla Engineering College Bapatla, affiliated to Acharya Nagarjuna University in 2004-2006. B.Tech (Mechanical Engineering) from Dr. S.G.I.E.T. Markapur, affiliated to JNT University, Kakinada in 2000-2004. 					
Experience	Teaching: 17 Years		Industry: Years		Total: 17Years	
	Research: 10 Years		Others: ____ Years			
Research Specialization		NANO Composites, Polymer Composites				
Courses taught	<ol style="list-style-type: none"> 1.Engineering Graphics 2.Industrial management and entrepreneurship development 3.NCC 4.Nano Technology 5.Computer aided process planning 					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	Microstructural, Mechanical and Wear characterization of AA-2219/ Si 3 N 4 /ZrO 2 /Graphite Hybrid Composites for Automotive Applications	Silicon	2023	15	5283– 5295	SCI
2	Characterization and evaluating the mechanical performance of halloysite nanotubes reinforced acrylonitrile butadienestyrene/polycarbonate composites exposed to aggressive environmental	Materialwissens chaft und Werkstofftechni k	2023	54	81-89	SCI

	conditions					
3	Enhancement of Mechanical Properties of ABS/PC-HNT Nano Composites	Advanced Science Letters	2018	24	6000-6003	SCOPUS
4	Role of reinforcement on mechanical and thermal characteristics of polymer nano composites: a review	Materials Today: Proceedings	2021	44	2125-2130	SCOPUS

Books published

S. No.	Title of the book	Publisher	year
1	NIL	NIL	NIL

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	NIL	NIL	NIL	NIL

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	NIL	NIL	NIL	NIL

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	NIL	NIL	NIL

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1.	INTEGRATING AUTODESK FUSION-360 IN ENGINEERING SUBJECTS	Department of Mechanical Engineering, Lendi institute of Engineering and technology	26-06-2023 to 01-07-2023
2.	Commercial Ansys workbench software	Department of Mechanical Engineering, and quality assurance department SCE, Dehradun Cmapus	7 th Fe 2022 to 13 th Feb2022.
3.	International Conference on Advances and Creations in Mechanical Engineering 2022	Technology Research and Innovation Centre, India and hosted by the	20-22 December 2022,

		Department of Mechanical Engineering and Department of Automation and Robotics, Pravara Rural Engineering College, Loni, India	
4.	One week faculty development program on Green manufacturing : the present & the future	Santhiram Engineering College, Nandyal	15.05.2020 to 20.05.2020
5.	Online quiz on “ Basics of Mechanical Engineering “	Department of Mechanical Engineering, Ramachandra college of Engineering , Eluru	27th May to 31st May 2020.
6.	“Five Day Online Faculty Development Program on OpenFOAM”	Departments of Mechanical & Civil Engineering jointly in association with Spoken Tutorials, IIT Bombay	29-06-2020-03/07/2020.
7	One Week International FDP on "LATEST TRENDS IN ENGINEERING, SCIENCE AND TECHNOLOGY: NANOMATERIALS"	Department of Chemistry, Lendi Institute of Engineering and Technology, Vizianagaram,	10-15August 2020.

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 14	Ongoing:1
2	PG	Completed:6	Ongoing: NIL
3	PhD	Completed: NIL	Ongoing: NIL

Administrative experience

S.No.	Role	Duration (From – to)
1.	Department Library-In-Charge	2009-2013
2.	Training and Placement Coordinator for B.Tech Mechanical Engg	2013-2016
3.	Campus Maintenance In-Charge	2019-2021
4.	NCC In-Charge	2016 - Till date
5.	E.G Lab In-Charge	2018- Till date
6.	Disciplinary Committee member	2010- Till date
7.	Anti-ragging Committee In-Charge	2019- Till date

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=gggQ29EAAAAJ&hl=en
SCOPUS	57223314021
Web of Science	JED-3044-2023
Vidwan ID	324507

(Lt.Y.Narendra babu)
(11-09-2023)