


FACULTY PROFILE

Name of the Faculty:		Dr. J. LAXMI LALITHA				
Designation:		Associate Professor				
Department:		Mechanical Engineering				
Date of Birth:		14-03-1983				
AICTE – ID:		1-425991435				
Education		<ul style="list-style-type: none"> B.Tech in Mechanical Engineering from PVP Siddhartha Institute of Technology, Vijayawada, 2001-2005. M.Tech in CAD/CAM from Bapatla Engineering College, Bapatla, 2005 – 2007 PhD in Industrial Engineering awarded in June, 2018, from NIT Calicut, Kozhikode, Kerala India 				
Experience		Teaching: 16 Years	Industry: NIL	Total: 16Years		
		Research:	Others:			
Research Specialization		Industrial Engineering, Optimization, Production Planning and Control, Industry 4.0				
Courses taught		<ol style="list-style-type: none"> 1. Automobile Engineering 2. Metrology and Mechanical Measurements 3. Operations Management 4. Project Management 5. Optimization Techniques 6. Reliability Engineering Engineering Graphics 7. CAD Lab, CAE Lab, IoT Lab, Sensorics & PLC Lab 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	Lot streaming in [N-1](1)+N(m) hybrid flow shop	Journal of Manufacturing Systems	2017	44	12 - 21	SCI

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

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

Details of Patents (Filed & Granted)

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

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

S.No.	Name of the event	Role	Dates
1	ICMEET-2023	Coordinator	3 rd – 4 th , March 2023

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

S.No.	Name of the event	Organized by	Dates
1	Fuzzy logic and Neural network approaches for Engineering Solutions	Journal of Advanced Engineering Research	29/04/2020 - 30/04/2020
2	Patent Drafting and Processing with importance of Trademark and Copyright	Journal of Advanced Engineering Research	06/05/2020 - 07/05/2020
3	Computer Aided Engineering (CAE) analysis using Hypermesh and DEFORM-3D	Journal of Advanced Engineering Research	16/05/2020 - 17/05/2020
4	Online short-term training program on Research Methodology	Amal Jyothi College of Engineering, Kottayam, Kerala	28/05/2020 - 30/05/2020
5	Warehouse Automation	NIT Calicut, Kozhikode	May 15th to 27th, 2023
6	Digital Supply Chain Management	NIT Calicut, Kozhikode	July 17th to 21st, 2023

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: 18	Ongoing:1
2	PG	Completed: 1	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	CAD Lab In charge	2008 – 2016
2	Time Table Coordinator	2018 – 2020
3	Convener, Anti- Sexual Harassment Cell	2018 – 2019
4	Convener, Woman Empowerment Cell	2019 – 2020
5	BOSCH PLC Lab In-Charge	2022 – Till Date
6	Presiding Officer, Internal Complaints Committee	2022 – Till date
7	Member, Woman Empowerment Committee	2020 – Till Date
8	NAAC Criteria 6 Coordinator for Mechanical Engineering Dept.	2022 – 2023
9	Department NBA Criteria 3 coordinator	2023 - 2024

Research credentials

Index/database	ID/Link
Google Scholar	LfXSomUAAAAJ
SCOPUS	57194024919
Web of Science	HPH-4529-2023
Vidwan ID	324091

Any other relevant information

Dr. J. Laxmi Lalitha
12.09.2023