


FACULTY PROFILE

DEPARTMENT OF MECHANICAL ENGINEERING

Name of the Faculty	Designation/ Affiliation	Address/Contact	Email (Institute) @kitsw.ac.in	
J. LAXMAN	Assistant Professor	H.No. 55-2-360, Bank colony, Bheemaram, Hanamkonda	jl.me@kitsw.ac.in	

EDUCATION				
Degree	Details (specialization)	Institute/University	Month , Year of Registered	Month , Year completed
<i>B.Tech</i>	M.Tech	NIT, Warangal	<i>July,2002</i>	<i>August, 2004</i>
<i>M.Tech</i>	B. Tech.	REC, Warangal	<i>June,2007</i>	<i>April, 2001</i>
<i>Ph.D</i>	Ph.D.	Kakatiya University	<i>January, 2012</i>	---

ACADEMIC AFFILIATION CURRENT : PROFESSOR			
Details	From (Month, Year)	To (Month, Year)	Name of the Organization
Lecturer	08/09/2005	30/06/2006	KITS, Warangal
Assistant Professor (AGP: 6000)	01/07/2006	07/09/2010	KITS, Warangal
Assistant Professor (AGP: 7000)	08/09/2010	07-09-2015	KITS, Warangal
Assistant Professor (AGP ; 8000)	08-09-2015	Till date	KITS, Warangal

RESEARCH INTERESTS:

Production, Fuzzy logic, Taguchi Techniques , Electric Discharge Machining Processes, Modeling Techniques, Optimization etc.,

SEMINARS/WORKSHOPS ATTENDED					
S.No.	Name of the course	Organizing institute	Duration/schedule	Approved by	Weeks
1	Engineering Drawing	Dept. of Mech. Engg. KITS, Warangal	27 th Feb. to 5 th march, 2018	IPE & ISTE	1
2	Instructional Design & Delivery Methods in Engineering Education	TLC NITW & ETC KITSW	1 st to 6 th May 2017	MHRD, Govt. of India	1
3	Research Methodology-RM'19	KU & KITSW	7 th to 11 th January 2019	KU & KITSW	1
4	Hands on Programme on ANSYS Software (HPAS-18)	Dept. of Mech. Engg. KITS, Warangal	12-16 Nov, 2018	ISTE, IPE & Entuple	1
5	Modeling And Optimization of Manufacturing System Using Intelligent Techniques	Conducted by Bannari Amman Institute of Technology	6 th -18 th May, 2015	AICTE Sponsored	2
6	FLUID MECHANICS	Conducted by IIT Kharagpur. Attended at NIT Warangal	20 th -30 th May, 2014	MHRD, Govt. Of India	2
7	Optimization for Engineering Design	IIT, Madras	3 rd -7 th September, 2012	AICTE	1
8	Recent trends in Manufacturing Systems	Annamacharya Institute of Technology and Science, Kadapa.	30 th May - 5 th June, 2011	AICTE	1
9	Automation and Robotics	NIT Warangal	6 th - 18 th July, 2009	MHRD	2
10	Digital Factory	NIT Warangal	25 th Aug.- 6 th	AICTE	2

			Sept, 2008		
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PUBLICATIONS	
Publications in Refereed Journals	
S.No	Details
1	J. Laxman, Dr. K. Eswaraiiah “ <i>Experimental study of Drilling process parameters on Aluminium Metal Matrix Composites</i> ” Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 6, June 2018, ISSN:2349-5162
2	J. Laxman, Dr. K. Eswaraiiah “Optimization of Electric Discharge Machining Process parameters based on Grey relational Analysis for Nickel super alloy material” International Journal of scientific Research and Review, Vol.07, Issue 06, June 2019, ISSN :2279-543X
3	J. Laxman, Dr. K. Eswaraiiah “Effect of Electric Discharge Machining process parameters on Titanium Super alloy” Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 6, June 2018, ISSN:2349-5162
4	J. Laxman, Dr. K. Guru Raj, “ <i>Optimization of EDM Process Parameters on Titanium Super Alloys Based on the Grey Relational Analysis</i> ” International Journal of Engineering Research , ISSN 2250-3234 , Volume No.3, Issue No.5, May, 2014 pp : 344-348 .
5	J. Laxman, Dr. K. Guru Raj, , “ <i>Single objective optimization of EDM Process parameters Based on Design of Experiments</i> ” International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.44 (2015), pp:31750-31764.
6	J. Laxman, Dr. K. Guru Raj “ <i>Modeling and Analysis of EDM Process Parameters Using Taguchi Technique and Fuzzy Based Modeling</i> ” International Journal of Advanced Mechanical Engineering, Volume No.4, Issue No.5, , 2014, pp : 344-348.
7	J. Laxman, Dr. K. Guru Raj, , “ <i>Mathematical Modeling and Analysis of EDM Process parameters Based on Taguchi Design of Experiments</i> ” International Journal of Physics Journal of Physics, Vol. 662 (2015)
9	B.Ravinder, J. Laxman, Dr. K. Guru Raj, , “ <i>Certain Investigations on the Effect of Pulsed Tungsten inert gas welding parameters on Alluminium(5083) Alloys</i> ” International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.44 (2015), pp:31765-31770.

Publications in Refereed Conference Proceedings	
S.No	Details
1	J. Laxman, Dr. K. Eswaraiiah “Experimental study of drilling process parameters on aluminum metal matrix composites” 3rd International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018), Osmania University, Hyderabad
2	J. Laxman, Dr. K. Eswaraiiah “Effect of Elelectric Discharge Machining process parameters on Titanium Super alloy” 3rd International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018), Osmania University, Hyderabad
3	J. Laxman, Dr. K. Guru Raj, , “ <i>Mathematical Modeling and Analysis of EDM Process parameters Based on Taguchi Design of Experiments</i> ” International conference on Vibration Problems(ICOVP-2015), February 18-20, 2015. Organized by Department of Mathematics, Kakatya University, and Warangal-506009.
4	J. Laxman, Dr. K. Guru Raj, , “ <i>Single objective optimization of EDM Process parameters Based on Design of Experiments</i> ” International conference recent trends and innovations in Engineering and Technology, 1 st -2 nd May, 2015, Organized by PACE Institute of Technology and Science in Association with IRD India, Ongole, Andrapradesh.
5	B.Ravinder, J. Laxman, Dr. K. Guru Raj, , “ <i>Certain Investigations on the Effect of Pulsed Tungsten inert gas welding parameters on Alluminium(5083) Alloys</i> ” International conference recent trends and innovations in Engineering and Technology, 1 st -2 nd May, 2015, Organized by PACE Institute of Technology and Science in Association with IRD India, Ongole, Andrapradesh.
6	J. Laxman, Dr. K. Guru Raj “ <i>Modeling and Analysis of EDM Process Parameters Using Taguchi Technique and Fuzzy Based Modeling</i> ” International conference on Innovative Trends in Mechanical, Material, Manufacturing, Automotive, Automobile and Aeronautical Engineering, 15 th and 16 th February, 2014 Jawaharlal Nehru University (JNU) New Delhi, 110067

RESEARCH GUIDANCE (Ph.D Level)					
S.No	Name of the scholar	Title of Thesis/ Area of Research	University	Status	Co-supervisor, if any
NIL					

SPONSORED PROJECTS			
S.No	Details	Value(Rs.)	Status
<i>NIL</i>			

PATENTS	
<i>NIL</i>	
AWARDS : NIL	
S.No	Details

PROFESSIONAL AFFILIATION	
S. No.	Details
1	<i>Kakatiya University Warangal</i>

COURSES TAUGHT			
Undergraduate Level			
Courses Taught		Currently Teaching	
Course	Semester, Year, Branch	Course	Semester, Year, Branch
Metal Cutting Science	<i>B.Tech.</i>	<i>Metal cutting Science</i>	<i>B.Tech. IV/IV,</i>

	<i>IV/IV, I Semester</i>		<i>I Semester</i>
Engineering drawing	<i>B.Tech. I/IV, I-Semester</i>	<i>Engineering drawing</i>	<i>B.Tech. I/IV, I-Semester</i>
Finite Element Methods	<i>B.Tech. IV/IV, I Semester</i>	Metal Cutting Science Lab	<i>B.Tech. IV/IV, I Semester</i>
CAD and Graphics	<i>B.Tech. IV/IV, II Semester</i>	-----	-----
CAD and Graphics	<i>B.Tech. II/IV, II Semester</i>	-----	-----
Machine Drawing	<i>B.Tech. II/IV, I-Semester</i>	-----	-----
Mechanical Technology	<i>B.Tech. II/IV, I-Semester</i>	-----	-----
Postgraduate Level			
Advanced Finite Element Analysis	<i>M.Tech, II Semester</i>	-----	-----

Signature of the faculty