

BIO--DATA

PROFESSOR

IN THE DEPARTMENT OF Mechanical Engineering



1. Name : K. V. MURALI KRISHNAM RAJU
2. Date of Birth, Age and Place of Birth: : 20-07-1968, 54, Vempa, W.G. Dt.
3. Address for Communication : Department of Mechanical Engineering,
S. R. K. R. Engineering College,
BHIMAVARAM -534204, W.G.Dt., A. P.
4. Permanent Address : H. No. 27-17-55/4 A,
Near A. S. R. Kalyana Mandapam, A. S. R. Nagar,
BHIMAVARAM -534202, W.G.Dt., A. P.
5. Mobile No : 9441169979
6. Email-ID : dr.kvmkraj@gmail.com
7. Educational Qualifications

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/Class	% of Marks
X Class	Board of Secondary Education, A. P.	A.G.M.L.K.P.O.H. School, Vempa		1983	First	61.67
Intermediate	Board of Intermediate Education, A. P.	St. Mary's Junior College(Boys), Kurnool	M. P. C.	1985	Second	54.1
B. E.	Karnatak University, Dharwad	S. T. J. Institute of Technology, Ranebennur	Mechanical Engineering	1990	First	62.58
M. Tech.	Kurukshetra University, Kurukshetra	R. E. C., Kurukshetra	Mechanical Engineering	1994	First	67.15
Ph. D.	JNTU, Kakinada		Manufacturing Engineering	2012		
PGDCS	University of Hyderabad, Hyderabad			2001	First	73.38

8. Project/Thesis: UG: Design and Fabrication of Pneumatic Comparator.
PG: Analysis of Semi Active Suspension of a Road vehicle.

Ph.D: Development of Fuzzy Neural Network based Surface
Roughness Prediction Models for Machining Processes.

9. Teaching /Industry Experience:

S No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment	Type of service Govt. Aided/ Un Aided/ Private/ recognized
			From	To			
1.	Lecturer	S.E.S. Polytechnic, Siruguppa	30-8-1990	19-6-1992	1 Year 10 Months	Regular	Private
2.	Lecturer / Asst. Professor	S.R.K.R. Engg. College	22-6-1992	31-7-1998	6 Years 1 Month	Regular	Private
3.	Asst. Professor (Senior Scale)	S.R.K.R. Engg. College	01-8-1998	31-7-2005	7 Years	Regular	Private
4.	Asst. Professor (Selection Grade)	S.R.K.R. Engg. College	01-8-2005	31-8-2006	1 Year 1 Month	Regular CAS	Private
5.	Assoc. Professor	S.R.K.R. Engg. College	01-9-2006	30-4-2013	6 Years 8 Months	Regular	Private
6.	Professor	S.R.K.R. Engg. College	01-5-2013	Till date	8 Years 10 Months	Regular Ratified	Private

10. Total Experience: Teaching: 31 Years 7 Months

29 Years and 8 Months in S. R. K. R. Engineering College, Bhimavaram

1 Year and 10 Months in Polytechnic.

11. Any other Distinctions/Achievements:

1. Reviewed 3 papers for International Journals.
2. Received **Best Paper award** at Coimbatore Institute of Technology, Coimbatore.
3. Number of M. Tech. Projects guided: 2
4. Attended as a Judge for 3 conferences.

12. Research Experience:

(a) Research Papers Published in Journals :5

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Vol.	Issue. No	Pages (PP)
1.	K. V. Murali Krishnam Raju, et.al	Prediction and Optimization of surface roughness and MRR in wire EDM of maraging steel 350	International	2019	Materials Today: Proceedings	18	6	2123-2131
2.	K. V. Murali Krishnam Raju, et.al	Development of surface roughness models in turning of aluminum alloy	International	2012	Journal of Manufacturing Technology Research	3	4	9-14
3.	K. V. Murali Krishnam Raju, et.al	Optimization of cutting conditions for Surface Roughness in CNC end milling	International	2011	Journal of Precision Engineering and Manufacturing	12	3	383-391
4.	K. V. Murali Krishnam Raju, et.al	Prediction and Control of Surface Roughness in Turning Process	International	2010	Journal of Manufacturing Technology and Industrial Engineering	1	2	145-150
5.	K. V. Murali Krishnam Raju, et.al	Development of Surface Roughness models in Turning of AA 6351 alloy	International	2009	Journal on Mechanical and Automobile Engineering	6	1	1-7

(b) Research Papers Published in Conferences :10

S No	Author(s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Conference	Pages (PP)
1.	K. V. Murali Krishnam Raju, et.al	Multi Objective Optimization of Surface Roughness and MRR in End Milling using GA.	National	2014	National Conference on Emerging Trends in Mechanical Engineering	203-210
2.	K. V. Murali Krishnam Raju, et.al	Design optimization of Compound gear train using Improved Harmony Search	International	2013	Proceedings of Indian Conference on Applied Mechanics(INCAM 2013) at IIT, Madras	1-5

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Conference	Pages (PP)
3.	K. V. Murali Krishnam Raju, et.al	Prediction and Optimization of Surface Roughness in Turning Process	International	2012	Challenges and Opportunities in Mechanical Engg., Industrial Engg. and Management Studies	248-253
4.	K. V. Murali Krishnam Raju, et.al	Prediction of Surface Roughness models in End milling process: A comparative analysis	International	2011	South Asia on Global Manufacturing Systems & Management	147-155
5.	K. V. Murali Krishnam Raju, et.al	Prediction of Surface Roughness models in Turning process using Adaptive Neuro Fuzzy Inference System	International	2009	Computational Methods in Engineering and Sciences	409-417
6.	K. V. Murali Krishnam Raju, et.al	Development of an Adaptive Network based Fuzzy Inference System for Prediction of surface roughness in Face Milling	International	2008	Conference on Digital Factory	1900-1905
7.	K. V. Murali Krishnam Raju, et.al	Development of Pressure Vessel Models using Finite Element Analysis	International	2008	Recent advances in Materials, Processing and characterization	27-31
8.	K. V. Murali Krishnam Raju, et.al	Performance Analysis of Regenerative System in a steam power plant using Feed heating	National	2008	Advances in Mechanical Engineering	89-95
9.	K. V. Murali Krishnam Raju, et.al	Regression analysis of Pulse pressures and Pulse rates of identical group using Treadmill	National	2006	Emerging Technologies in Mechanical Engineering for Sustainable Development	53-55
10.	K. V. Murali Krishnam Raju, et.al	Fundamentals of Expert Systems	National	1994	Conference for Professionals	67-72

(c) Workshops/STTP Attended : 6

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	Short-term course on “Futuristic Nano-composites”	IIT, Kanpur.	8-12-2008	12-12-2008
2.	Workshop on “Finite Element Analysis and Applications in Engineering”	S. R. K. R. Engineering College, Bhimavaram	1-4-2006	2-4-2006
3.	QIP Short-term course on “Computer Aided Design and Computer Aided Manufacturing”	IIT, Guwahati.	12-12-2005	16-12-2005
4.	AICTE-ISTE STTP on “Concurrent Engineering-A Modern Approach to Product Development”	S. R. K. R. Engineering College, Bhimavaram	27-12-2004	31-12-2004
5.	AICTE-ISTE Short term course on “Condition monitoring in manufacturing process”	P. E. S. College of Engineering, Mandya.	14-7-1997	26-7-1997
6.	ISTE Winter school on “Desalination”	Anna University, Chennai.	12-12-1994	24-12-1994

(d) Workshops Conducted 1

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	Faculty Development Program on “Emerging Technologies in Mechanical Engineering”	S. R. K. R. Engineering College, Bhimavaram.	18-12-2006	23-12-2006

13. Achievements:

Reviewer

1. International Journal on “Neural Computing and Applications”, Springer publishers.
2. “International Journal of Manufacturing Research” Inderscience publishers.

14. Strengths:

1. Interested in teaching.
2. Sincere and punctual to class work and other work assigned by higher authorities.
3. Ability to accept change and learning.

15. Other Details if any:

1. Dean, Evaluation

2. Worked as Co-ordinator, IQAC, In-Charge, Academic affairs, In-charge, CAD Lab, Additional Coordinator, Examinations and Coordinator for Training and Placement Cell

16. Personal Details:

- (a) Name of the Father : K. Jagga Raju
(b) Name of the Mother : K. Venkata Narasamma
(c) Gender : Male
(d) Marital Status : Married
(e) Nationality : Indian

Date: 21-03-2022

Place: Bhimavaram

Signature of the Candidate