

FACULTY-PROFILE

Department: **Electronics & Communication Engineering**



1. Name : Dr. RAVI KUMAR MADDUMALA
2. Date of birth : 10-08-1975.
3. Educational qualifications : B.Tech, M.E , Ph.D(AU)
4. Area of specialization : Electronic Instrumentation from
ECE Dept. Andhra University.
5. Date of joining : 01.11.2004.
6. Designation : Assoc. Professor.
7. Work experience : 20 Yrs.
 - Teaching : 18 Yrs
 - Research : Nil.
 - Industry : 02 Yrs.
 - Others : Nil.
8. Subjects teaching at
 - Under Graduate level : EDC, CAO, IE, TRNS, SS, ISD, DC, BMI, ICS, CCP, DCN, PR&IP, PC.
 - Post Graduate level : SA&CM.
9. Professional bodies membership : ISOI, IEI, ISTE, IETE.
10. Achievements/Awards :
 1. Ph.D(AU) awarded on 01.05.2019
 2. PI/Coordinator for MODROBS project under AICTE Scheme during A.Y:2011-12 and A.Y: 2012-13.
 3. Organizing secretary for Two day national level workshop “IIICS-2014” conducted by EIE/ECE/MECH/EEE depts.
 4. Coordinator for two day workshop “VYDUSHYA” on “Fuzzy logic and artificial neural networks” held on 18th & 19th feb 2011.
11. Postal Address : D.No: 4-58.,
C/o Guruvulu Brundavanam,
Mandava vari street, Seetharam puram road,
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12. E-mail ID : rkmaddumala@gmail.com
13. Mobile number : 09441150324, 09491850324.

14. Research Guidance : Masters / Ph.D

S.No.	Title of the project
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15. a) Projects carried out : 30 Projects for UG students.

b) Patents : -----

c) Technology transfer : -----

d) Research Publications :

List of Conferences:

S.No	Title of paper	Conference		Date	Place
		National	International		
1	Implementation of Logic Gates Design Using CMOS Field Effect Transistors (500nm Technology)	National	----	24 th & 25 th Jan 2014.	Sir C R Reddy college of Engg. Eluru.
2	Design and Simulation of Piezoresistive MEMS Accelerometer	National	----	24 th & 25 th Jan 2014.	Sir C R Reddy college of Engg. Eluru.

List of Journals :

S.No	Title of paper (Authors)	Journal		Name of the Journal in which paper is published	Impact factor, volume number, Issue number Page number, Year ISSN Number
		National	International		
1	Epileptic seizures classification in EEG signals based on semantic features and variational mode decomposition	----	SCI - Springer Journal	Journal of Cluster Computing–Feb 2018	ISSN 1386-7857. PP: 1-11 Impact factor: 2.040

	M. Ravi Kumar , Y. Srinivasa Rao				
2	Epileptic seizure prediction using hybrid feature selection	----	Scopus Indexed Journal	Journal of Theoretical and Applied Information Technology (JATIT) - August 2017.	Vol.95. No.16.ISSN: 1992-8645 E-ISSN: 1817-3195 PP: 4024-4033 Impact factor: 0.33
3	Review on flexible Carbon Nanotube Based Strain Gage Sensors for biomedical applications M Ravi Kumar, K Harika, Y Srinivasa Rao	---	International	International Journal of Instrumentation Electrical Electronics Engineering	Vol1.no3, May 2013 p- ISSN: 2321 – 0621 e- ISSN: 2321- 063X Impact factor: 3.2

e) No. of books Published with Details: -----

16. Short term courses attended: 12

S.No	Seminars/Workshops/Guest lectures/FDPs/Refresher Courses	Title	Organization/ Institution	Date
1	Two day International conference	Two day International conference on materials for energy and environmental protection	Sir C R Reddy Aided & autonomous college	12 th & 13 th Feb 2018
2	Three day workshop	Workshop on micro sensor design	Dept. of Instrument Technology	22 nd to 24 th March 2018
1	Two day Workshop	Two day workshop on “MATLAB for engineering applications”	Dept. of ECE,Sir C R Reddy college of engg. ELURU.	19 th & 20 th Aug 2016
2	One day workshop	Programmable logic controllers	Dept. of ECE,Sir C R Reddy college of engg. ELURU.	1 st Mar 2015

3	Two day national level workshop	Recent trends in industrial automation	Dept. of Instrument Technology. A.U. College of Engg.A.U	13 th & 14 th Feb 2014
4	Two day national level workshop	Fuzzy logic and Artificial neural networks	Dept. of EIE,Sir C R Reddy college of engg. ELURU.	18 th & 19 th Feb 2011
5	Two day national level workshop	Composites and nano materials	Dept. of Mech. Engg.,Sir C R Reddy college of engg. ELURU.	11 th & 12 th Mar 2009
6	Two day national level workshop	Industrial Automation	Dept. of EIE, Sir C R Reddy college of engg. ELURU.	9 th & 10 th Feb 2009
7	Two day workshop	Communications and signal processing	Dept. of ECE, Vignan's engg.college ,Vadlamudi.	28 th & 29 th June 2008
8	Two day national level workshop	Recent trends in sensors and transducers for biological science	Dept. of Instrumentation Tech. B.V Bhooma reddy college of engg. & tech. HUBLI., Karnataka.	16 th & 17 th Nov 2007
9	Two day national level workshop	FPGA based system design.	Dept. of ECE,Sir C R Reddy college of engg. ELURU.	28 th & 29 th Sept 2007
10	Two day national level workshop	Recent trends in biomedical applications	Dept. of EIE, Sir C R Reddy college of engg. ELURU.	10 th & 11 th Aug 2007
11	Two day national level workshop	Advanced digital controllers for power electronic systems	Dept. of EEE, Andhra university college of	27 th & 28 th Jan 2007

			engg. A.U	
12	One week short term course	Instructional design and delivery.	Quality improvement program conducted by Sir C R Reddy college of engg.Eluru.	12 th to 17 th June 2006

17. Organized/Delivered Seminars/Workshops/Guest lectures/FDPs/Refresher Courses:

S.No	Seminars/Workshops/Guest lectures/FDPs/Refresher Courses	Title	Organization/Institution	Date
1	Organizing secretary for two day national level conference	Innovations in Intelligent Instrumentation and control systems	Dept of ECE/EIE/EEE/MECH , Sir C R Reddy college of engg. ELURU.	24 th & 25 th Jan 2014.
2	Coordinator for two day national level workshop by “ vydushya”	Fuzzy logic and artificial neural networks	Dept. of EIE, Sir C R Reddy college of engg.ELURU.	18 th & 19 th FEB 2011.

18. Any Other : -----

ELURU
Date: 01.06.2021.



SIGNATURE