

Name: Dr.M.Sreedhar
 Designation: Professor
 Department: EIE
 Mail.I.D: sreedhar_m@vnrvjiet.in



Experience (in years): Teaching:14 Research: 4 Others (If any, Specify): 2 years in industry

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD	2016	Instrument technology
2	MTech	2002	Industrial process instrumentation
3	BTech	1998	Instrumentation engineering
4	Intermediate	1993	Maths ,physics and chemistry

2. Teaching and Learning:

- 2.1. Teaching Interests: Electronic Devices and Circuits, Computer control of process, analytical instrumentation, control systems, advanced control system, power plant instrumentation Digital and Linear IC applications, electrical and electronic measurements and Instrumentation, process control, industrial instrumentation, transducers and measurements, Instrumentation engineering.
- 2.2. Novel Teaching & Learning Techniques adopted: learning and teaching through you tube, TED videos and MOOCs, Implementing WIT &WIL for 80% of the content and POGIL for few topics.
- 2.3. Involvement in curriculum updating / Design: Involvement in curriculum updating of UG during autonomous curriculum design and updation.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- To make the students with good skills in a practical oriented approach
- To promote efficiency and discipline among the students
- To promote work efficiency and good attitude towards work in organizations.

3.2. CCA/ECA Organized:

- Coordinator for industrial visits of students in RIT Yanam (U.T of Pondicherry)
- Faculty Advisor for ISTE student Chapter, Sir CR REDDY COE, ELURU
- Organized TECHFEST in A.Y:2009-10
- Chairman for workshop (VYDUSHYA-09) conducted at Sir CR REDDY COE,ELURU

3.3. CCA/ECA participated:

- In debate competitions celebrations at SVCET,Etcherla,srikakulam district.

3.4. Counseling and Mentoring Activity:

- Involved in mentoring twenty students every semester from 2004-05 to 2016-17 at different institutes in Andhra Pradesh and Pondicherry.

3.5. Committees involved in:

- Department level: DDC,antiragging,staff colloquium,
- Institute Level: parents meet ,NBA,NAAC,SQUAD in conduction of university examinations.

4. Conference / Workshop / Seminar / Guest Lectures:

- Conducted:
 - Conducted a two day workshop on recent trends in biomedical instrumentation during 2007 and 2009.
 - Conducted guest lectures during June 2008,2009,2010..
 - Conducted two day national level workshops for A.Y 2007-08 and 2009-10.at Sir CR REDDY COE, ELURU, West Godavari(DT),Andhra Pradesh .
- Attended
 - Awareness work shop on outcome based education and Accreditation in Osmania university, Hyderabad held on18-12-2016.
 - A Seminar on smart sensors and systems(S2S-N15) held in the Dept. of instrument technology ,AUCE(A),andhra university, Visakhapatnam from 8-12-2015 to 10-12- 2015.
 - A Work shop on Recent trends in industrial automation in Dept. of instrument Technology, AUCE(A),Andhra university, Visakhapatnam from13-02-2014 to 14-02-2014.
 - A work shop on FLANN-fuzzy logics and neural networks in Dept of E.I,E, Sir C R Reddy College of Engineering, Eluru from 18-02-2011 to 19-02-2011

 - A national workshop on “recent trends in Sensors and transducers for biological science”(AICTE sponsored) & organized by Dept of Instrumentation technology,BVB collge ,Hubli and Instrument society of India I.I.Sc,Bangalore and Biosensor society(India),CFTRI, Mysore B.V.B.Collge of engineering, Hubli from 16-11-2007 &17-11-2007.
 - A national workshop on “Advanced digital controllers for power electronic systems (ADCPES-2007)”& organized by Dept. of electrical engineering, Andhra university, under Networking activity of TEQIP Dept of Electrical engineering, Andhra university, Visakhapatnam from 27-01-2007 & 28-01-2007.
 - A Training course on”testing and calibration of industrial insruments, pressure & Temperature” in Advanced training Institute(ATI)(Govt. of India, Directorate General of Employment & training),Chennai from 15-07-2002 to19-07-2002.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 02

5.2. Articles / Chapters published in Books :nil

5.3. Books published as single author or as editor: nil

5.4. Projects Guided:

a) UG: 12

b) PG: nil

5.5. Research Interests:

Instrumentation, analytical Instrumentation, computer control of precesses

5.6. Ph.D students:

a) Enrolled: nil

b) Submitted: nil

c) Awarded:nil

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/IS SN No.	Impact Factor/ Citation Index	National/ International
1	Sensitivity improvement for creatinine Measurement using pH-sensitive electrode and ammonium ion-selective electrodes	. International Journal of Applied Engineering Research. Vol.6 No.5 (2011)	0973-4562		International
2	Absorption studies of Creatinine using End-point method by optical Interference wavelength filter	International Journal of scientific and Research Publications, Vol.5, Issue 2 ,February 2015	ISSN 2250-3153	2.07	International
3	Absorption studies of Creatinine using Kinetic Reaction method by optical Interference wavelength filter	International journal of scientific and Engineering Research publications Vol.6, Issue 2 , ,February 2015	2229-5518	5.336	International
4	Absorption studies of Creatinine using single-reagent and single wave length method by optical Interference wavelength filter	International Journal of Advanced Research (May 2016), Volume 4, Issue 5,974-979,	2320-5407	5.335	International

5.8. Papers presented at National / International conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Sensitivity improvement for creatinine Measurement using pH-sensitive electrode and ammonium ion- selective electrodes	Presented in National Conference on Converging Technologies beyond 2020, (CTB-2020),UIET, Kurukhetra University, kurukshetra April 6, 7, 2011	National	April 6, 7, 2011

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5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1.	MODROBS	AICTE	2 years(2009-10 to 2010-11)	5.0 lakhs	Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
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6. Awards / Honors received: Nil

7. Motto: To work hard and to achieve success

