

Name: D. Srilaxmi

Designation: Assistant Professor

Department: EIE

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Experience (in years): Teaching: 16 Research: 3 Others:

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	PHD	PHD Registered (2019)	EIE
2.	M.TECH	2008-2011	Electronics and Control
3.	B.TECH	1998-2002	Electronics and Instrumentation

2 Teaching and Learning:

2.1 Teaching Interests: Iot , IIOT ,Neural networks& fuzzy systems, Control Systems,LDICA, VirtualInstrumentation,Sensors,

2.2 Novel Teaching & Learning Techniques adopted: WIT and WILL,POGIL.

2.3 Involvement in curriculum updating / Design:

3 Co-curricular and Extra-Curricular Activities

3.1 Professional Society Memberships:

3.2 Interests and Hobbies:

3.3 CCA/ECA Organized:NIL

3.4 CCA/ECA participated:

- World yoga day celebrations at VNRVJIET.
- Industrial Visits with students:
- Faculty Associate, Industrial Visit to ELICO Pvt. Ltd.,Hyderabad , for III year B.Tech. (EIE) students (2016)
- Faculty Associate, Industrial Visit to Ganapti Sugar Industries Pvt. Ltd.,Sangareddy, for II year B.Tech. (EIE) students (2017).

3.5 Counseling and Mentoring Activity:Mentor for 12 students of I year B.Tech. (EIE).

3.6 Committees involved in:

Department level: LDIC Lab Incharge

Institute Level: PAAC Cordinator

4 Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:NIL

4.2 Attended:

- Participated in 2- week ISTE workshop on Basic Electronics conducted by IIT Bombay under National Mission on Education through ICT (MHRD Govt of India)in SRM University, Chennai from June 28th -8th July ,2011.
- Participated 3 days workshop on Fundamentals of Labview in SRM University, Chennai in August 2007.

- Participated 3 days National Workshop on "Hands on training on MEMS Softwares" such as INTELLISUITE, COVENTORWARE AND COMSOL conducted at SRM University in association with NPMASS from August 1-3, 2011
- Completed course on ‘Introduction to COMSOL Multiphysics Version 4.2’ conducted at SRM University in association with NPMASS from August 1-3, 2011.
- Participated in Engineering Faculty Workshop ‘MISSION10X’ Sponsored by WIPRO conducted at BrindavanCOE,Bangalore during 7th to 9th October 2013
- Participated in Faculty development program Workshop on “Enhancing Teaching Skills and Developing Instructional Strategies ” organized by BrindavanCOE,Bangalore on 9th November 2013.
- Participated in “NEMS Workshop” in VNRVJIET.
- Attended “POGIL Workshop” in VNRVJIET.
- Attended 4-day fdp On effective utilization of digital platforms for content Development and delivery, VNRVJIET
- Attended Project based online Course on Machine using Python, Skyfi labs
- Attended Webinar on Recent trends in Signal Processing, VNRVJIET
- Attended Webinar on Teaching with Teams, VNRVJIET
- Attended Webinar on Bridging Physiology and Biomedical Instrumentation
- Attended Introduction to Architecting Smart IoT Devices in Coursera
- Attended Webinar on “role of telemetry technology for emerging applications in Aircraft research & development”
- Attended Webinar on Robotics and automation in industrialized building system, VNRVJIET, 2020
- Attended webinar on introduction to patent writing and Associated protocol, VNRVJIET,2020
- NPTEL certification course during July-Oct 2018, on Biomedical nano technology.
- Attended ISOI gold medal award function at OU, Hyderabad.
- Attended an AICTE Sponsored Two day National Seminar on “Recent Trends in Laser Technology and Its Applications” during 29th–30th November 2017, organised by Department of EIE, VNRVJIET, Hyderabad.
- Attended TEQIP-II Sponsored Four day National level workshop on “Design and Fabrication of MEMS”, during 22nd–25th February 2016, organized by Department of EIE, VNRVJIET, Hyderabad.

5 Academic Contribution and Research & Consultancy:

5.1 Invited Lectures:NIL

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 :20+ b) PG :1

5.5 Research Interests :Biomedical Image Processing, Control Systems

5.6 Ph.D students :

a) Enrolled : b) Submitted : c) Awarded :

5.7 Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1.	Non invasive blood flow measurement using PPG	IJCRT	ISSN: 2320-2882	5.97	International
2.	“Tumor Detection from Mammograms using Thresholding and Morphological operations”	International Journal of Engineering & Technology,	ISSN - 2227524X, Volume 7	4.22	International
3.	Photovoltaic Water Distributing System using Variable - Frequency (V/F) Controller	IJRECE	Vol 7 Issue 2		International
4.	Efficient Solar Water Pumping System Using Maximum Power Point Tracking (MPPT)	International Journal of Research,	Volume 06 Issue 10		International
5	Real time Monitoring of Hydroponics using IoT	Journal of Sensor Research and Technologies	Volume 3 Issue 1	OPENAIRE	international
6	Effective Machine learning for Diabetic Retinopathy	Indonesian Journal		2.5	Scopus Indexed

5.8. Papers presented at National / International Conference:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Level control of pilot process using virtual controller and upgradation from wired daq to wireless daq.	CARCN –IECE	National	2010

2	Prediction of severity of non proliferated diabetic retinopathy using machine learning	2nd International conference on recent Innovative trends in computer science and applications	International	25th-26th Oct 2019
3	Review on Different Training Procedures for Distinguishing Eye Malady by Utilizing Oct Pictures	Springer International Conference ICDICI 2021	International	2-3RD July 2021
4	Binary Classification Of Diabetic Retinopathy Using Random Forest Classifier	11TH ICCE T 2023, Eleventh international conference on contempory engineering and technology, may 1 st 2023.	International	MAY 1 ST 2023.

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
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5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6.Awards / Honors received:

Nptel Star -NPTEL Enthusiasist

Nptel Star -NPTEL Discipline star

7.Motto:

Work is Worship.