

S.VARALAKSHMI, M.Tech.,(P.h.d)

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Bio-data

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Nationality : Indian

Religion : Hindu

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	P.h.d	Vels University,Chennai	Machine Learning	On going
2.	M.Tech	JNTU Anantapur	Electronics & Communication Engineering	2015
3.	B.Tech	S.V.U Tirupathi.	Electronics & Communication Engineering	2011

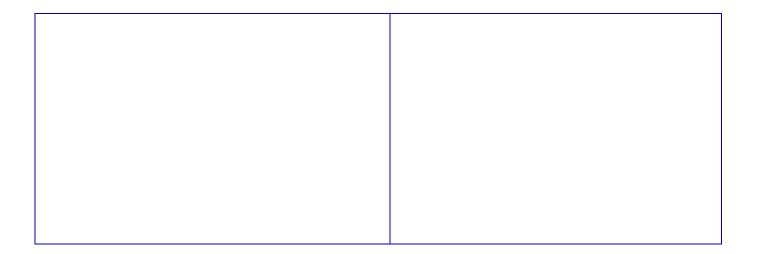
Professional Experience

S.No.	Institution/Organization	Position held	Duration
1.	JNTUA College of Engineering, Pulivendula	Assistant Professor (adhoc) Department of ECE	2016 – till date

Teaching Experience: 6+ years of teaching UG Courses

Subjects Taught:

Post graduate courses



Number of Research publications:

International journals: 04
International Conferences: 03
National Conferences: 00

List of publications:

International Journals:

- > S.VARALAKSHMI published Paper on "Use of memories and programmable logic arrays for asynchronous CAM" was published in international journal of Engineering research and applications, Vol 5. Issue 16, JUNE 2018, UGC Approved, Impact Factor: 5.60.
- S.VARALAKSHMI published paper on "An Improved Low –Voltage Low Power Fully-Differential Double Folded Cascade Class AB Opamp for Pipeline ADC Applications" International Journal of Research in Electronics and Computer Engineering (IJRECE), E-ISSN: 2348 2281 & 2393-9028 (PRINT), Volume 7, Issue 2, April-June 2019, Page No: 763-768, UGC Approved, Impact Factor: 4.305.
- > S.VARALAKSHMI published paper on "Design of IoT Network using Deep Learning-based Model for Anomaly Detection" in IEEE, December 2021.
- ➤ S.VARALAKSHMI published paper on "Deep CNN based multi classification of respiratory disease using X-ray images" in IEEE, January 2023.

International Conferences:

➤ Presented in International conference on (ICRCSET-2020) on 28-29 FEB 2020 organized by Chalapathy institute of technology, Guntur, Andhra Pradesh. Paper Name: Design of dual band L-slot micro strip patch antenna for wireless communications.

- ➤ Presented in International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) University of Malaya on Design of IoT Network using Deep Learning-based Model for Anomaly Detection from 11-11-2021 to 13-11-2021.
- ➤ Presented in International Conference on ICPECTS-2022,Sri sai ram engg college, chennai on Deep CNN based multi classification of respiratory disease using X-ray images 8-12-2022 &9-12-2022.

Workshops attended:

- Attended a two days workshop on "Digital Image Processing and pattern recognition and its applications" Organized by Dept of Electronics & Communication Engineering JNTUACEP, Pulivendula during 19-20 September 2016.
- Attended a two days workshop on "VLSI Design Advancements using Xilinx Tools" Organized by Dept of Electronics & Communication Engineering JNTUACEP, Pulivendula during 26-27 August 2016.
- Attended a ten days workshop on "Embedded Real Time Systems" Organized by E&ICT Academy, NIT, Warangal at Dept. of ECE JNTUA College of Engineering Ananthapuram, during 1-10 Feb 2017.
- Attended a Five days workshop on "Internet of Things (IOT) Advanced Level" Organized by Dept of Electronics & Communication Engineering JNTUACEP, Pulivendula during 6-10 March 2017.
- ➤ Attended a One day workshop on "NPTEL WORKSHOP" conducted on 15-12-2018 by IIT MADRAS at JNTUACEP.
- ➤ Attended a Two day workshop on "Acadamic challenges in 21st century" by sai engg college, Rayachoti from 20-05-2020 to21-05-2020.
- Attended a Ten days online FDP on "Industrial embedded systems &IOT with Raayan Mini Board based on ARM cortex M4(STM 32)" 8-06-2020 to 19-06-2020.
- Attended a Three days fdp on "Machine learning with deployment" organized by Siddartha engg college, Ibbrahim patnam from 3-07-20 to 5-07-2020.
- ➤ Attended a four day workshop on "Impact Of Covid 19 On Indian Economy" Organized By The Department Of Business Administration from 31-07-2020 to 03-07-2020.
- ➤ Attended One Week Faculty Development Program on "PYTHON PROGRAMMING II" Organized by Department of Computer Science & Engineering, Anantha Lakshmi Institute of Technology & Sciences, Ananthapuram, in association with SPOKEN TUTORIAL IIT, MUMBAI from 03/08/2020 to 08/08/20.
- Attended six day workshop on "Quantum computing and Machine learning" by JNTUA Ananthapuram from 30-11-2020 to 5-12-2020.
- ➤ Attended five day workshop on Materials for photonic applications" by Mahatma Gandhi Institute of Technology from 9-8-2021 to 13-8-2021.
- Attended one week workshop on "Practical exposure on Machine learning and data science" by G. Pulla Reddy Engineering college from 13-09-2021 to 18-09-2021.

