Dr. Leena Chandrashekar

Associate Professor

IEEE Senior Member, Execom Member (IEEE WIE & EMBS), SPOC, NPTEL, IIT Madras

Experience (Teaching and Industry)

RNS Institute of Technology, Bengaluru	(2013 - Till Date)
Gokaraju Rangaraju Institute of Engg. & Tech., Hyderabad	(2012 - 2013)
PES University, Bengaluru	(2005 - 2012)
HP Invent, Bengaluru	(2004 - 2005)

Qualifications

B.E., R V College of Engineering
M.Tech, UTL Technologies, VTU Regional Center
Ph.D., RVCE, Visvesvaraya Technology
PG Certificate Course in Cybersecurity, IIIT Dharwad

Specialization (Academics)

Analog Electronics, Embedded Systems, Signal Processing, Sensor Fusion, Computer Vision, Machine Learning, Deep Learning, Cybersecurity, Biomedical Image Processing

Specialization (Research)

Sensor Fusion, Robotics, Medical Image Analysis, Deep Learning, Cybersecurity

Publications

10 International Conferences
9 International Journals
1 Book on Linear Integrated Circuits
2 Indian Patents Published (202441068908, 202341053174)

Google Scholar Link:
https://scholar.google.co.in/citations?user=S4yfW9UAAAAJ&hl=en
Scopus Link:
https://www.scopus.com/authid/detail.uri?authorId=57196259433

Funding

1. Sponsorship from AICTE for QIP PG Certificate Program in Cybersecurity at IIIT Dharwad.
2. Funding for 2 UG Projects under Under-Graduate Research Fund, RNSIT Research Council.
3. Preapproval of $5000 from IEEE SPS for Conduction of IEEE Seasonal School on AI Trends in Signal Processing.
4. Student project - Implementation of Braille script to Speech, 2018, Received Funding from KSCST.

Awards Received

a. Best Paper Award at 2nd IEEE International Conference on Electrical, Computer, and Communication Technologies, 2017.
b. Appreciation as Active SPOC, NPTEL, IIT Madras.
c. Appreciation from Texas Instruments for fostering an ecosystem bridging Government, Academia, and Industry.
d. Outstanding EMBS Student Chapter Award, 2024 from IEEE EMBS, Bangalore Chapter.
e. Mentor Award for Internship Program 2024, IEEE CAS, Bangalore Chapter.