

Faculty Profile



Dr.U. Hari , M.E., Ph.D
Assistant Professor(SG)/ECE

HIGHLIGHTS:

- Number of Journal Publications:10
- H-Index:4
- Project Funding Received: NIL
- Patents Published:4
- Patents Granted: NIL

PROFESSIONAL LINKS:

- Scopus ID: 55994730700
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=55994730700>
- Google Scholar ID: user=ot4W2zAAAAAJ &hl=en
- Anna University Faculty ID: 279414
- AICTE Faculty ID:1-3798561497
- Anna University Supervisor ID: --
- LinkedIn: hari-unnikrishnan-255b3064/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 27 years 10 months
- Industrial Experience: NIL

INTERNATIONAL EXPOSURE:

- NA

AREA OF SPECIALIZATION:

- Image processing

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
NIL				

Ph.Ds GUIDING:

- Full Time Scholars: NIL
- Part Time Scholars : NIL

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- NIL

PATENTS PUBLISHED/GRANTED:

- INTERNET OF THINGS BASED CIVIC INFRASTRUCTURE OVERSIGHT AND CONTROL PLATFORMC

COURSES CERTIFIED:

- o Data science for engineers --NPTEL online course, Mar 2026.
- o Accreditation and Outcome Based Learning--NPTEL online course, Dec 2025.

Course era:

- o Digital signal processing
- o Electronic circuits
- o Linear integrated circuits
- o Basics of machine learning
- o Signals &system -nptel

ACHIEVEMENTS AND AWARDS:

- NIL

SPECIAL SESSIONS DELIVERED:

- Digital signal processing – one session-2 days national level workshop at SRMIST

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- U Hari, A.Ruhan Bevi, “Self-supervised learning based low light image enhancement using convolutional neural networks”, Proceedings of IEEE International Technology Conference on Emerging Technologies For Sustainable Development (OTCON 2.0) held at O. P. Jindal University, Chattisharh, India 2023.
- U.Hari,A.Ruhan Bevi and K Bhavadharini, “Performance Investigation of digital filters for Image Enhancement”Published under licence by IOP Publishing Ltd Journal of Physics: Conference series,2022.
- U.Hari,A.Ruhan Bevi,”Performance Analysis of various retinex algorithms”,IOP-conf.series Advanced electronics and communications,vol-64,July2021.
- T Goutham Sharma ,Nitya Kritin Valivati Arvind Puthige and U.Hari , “ Object Position Estimation Using Stereo Vision”, in the proceedings of IEEE 8th International Advance Computing Conference(IACC 2018), B Bennett University, Greater Noida,14-15 DEC ember 2018 pp 66-70
- U. Hari and B. Ramachandran, R. Guhan, “Enhancement of QOS Parameters in Cluster Based Wireless Sensor Network Using Cooperative MIMO”, Springer Nature Singapore Pte Ltd. 2019, A. M. Zungeru et al. (eds.), Wireless Communication Networks and Internet of Things, Lecture Notes in Electrical Engineering 493, https://doi.org/10.1007/978-981-10-8663-2_20
- Hari Unnikrishnan, B.Ramachandran and Chris Johnson, “ An Unequally Clustered Multihop Routing Protocol for Wireless Sensor Networks”, IEEE sponsored International Conference on Advances in Computing, Communications and Informatics (ICACCI), held at Mysore University,pp 1007-1011,2013.
- AI powered VLSI for Smart Applications-Faculty Development Programme from 12th to 18th Dec. 2025 Kamaraj College of Engineering and Technology (An Autonomous Institution), S.P.G.C Nagar, K.Vellakulam, Virudhunagar – 625701. Tamilnadu
- AI powered VLSI for Smart Applications-Faculty Development Programme, 24th - 29th sep.2025. Prathyusha Engineering College Aranvoyaluppam, Tiruvallur-602 025 Tamil Nadu
- Emerging Trends in Information and Communication Engineering – A Teaching and Learning Approach 5 days STTP,ST.Joseph college of engineering,Sriperumbuthur
- Embedded system, IOT & Security- IETE chapter sponsored 5 days online STTP,at SVCE,Sriperumbuthur
- Recent advances in smart materials and sensor technology-IETE chapter,6 days online STTP conducted by PAAVAI engineering college, Namakkal.
- Computer Vision And Machine Learning Using OpenCV-IEEE sponsored 3 days workshop,Panimalar Institute, Chennai
- Developing NS-2for Network simulation- 3 days national level workshop at VIT University,vellore
- Network Simulator NS2 for wired and wireless network protocols-3 days TIFAC-CORE sponsored,VIT,University Vellore
- Advancements in VLSI and Embedded Systems-2 days national level workshop at BS Abdhur Rahman Crescent Institute of Science & Technology, Chennai

- Research challenges in wireless and optical communication networks-2 days Anna University, Chennai
- Matlab programming- 1 day workshop at SRMIST, Chennai
- Next generation networks:4G and beyond - 2 days national level workshop SRMIST, Chennai
- Multi carrier modulation Techniques - 1 day workshop at SRMIST, Chennai
- MIMO-OFDM wireless systems - 1 day workshop at SRMIST, Chennai
- Adhoc and Sensor networks- 1 day workshop at SRMIST, Chennai
- MIMO communications and networks- 2 days national level SRMIST, Chennai
- Advanced antenna design and applications- 2 days national level SRMIST, Chennai

PROFESSIONAL MEMBERSHIPS:

- Member of IE :M-1689708
- Member of ISTE :LM-27406

OTHER DETAILS (If any):

- NIL