

Name	M.DHARANI			
Department	ECE			
Qualification	B.E.,M.E.,			
Area of Specialization	APPLIEDELECTRONICS			
Date of Joining(KSRIET)	01-07-2022			
Experience (as on 01.03.2023)	Teaching: 5Y 11M	Industry:-	Others:-	
Number of Papers Published	National Journals:- 01 International Journals :-02			
Number of Papers Presented	National Conferences: -03 International Conferences:-02			
Books Published	National Publisher :- International publisher :-			
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Publications(International Journals) –02

1. Published a paper entitled “Design and Development of self-powered temperature measurement and wireless data transmitting system” in IJSART Vol.3, Issue 12, Dec-2016.
2. Published a paper entitled “Motor imagery signal classification using semi supervised and unsupervised extreme learning machines” in (ICIIECS) Vol.4.

Publications(National Journals) –01

1. Published a paper entitled “Design and Development of self-powered temperature measurement and wireless data transmitting system” in IJSART Vol.3, Issue 12, Dec-2016.

Publications(International Conferences)–02

1. Presented a paper entitled “Urban Automated Irrigation system” in the International Conference on Advances in Bio Technology, civil and Mechanical science (IC ABCMS)

Organized by Selvam College of Technology, Namakkal.

- Presented a paper entitled “Motor imagery signal classification using semi supervised and unsupervised extreme learning machines” in the International Conference on Innovations in Information, Embedded and Communications Systems (ICIIECS’17) organized by Karpagam College of Engineering, Coimbatore.

Publications(NationalConferences)–03

- “Presented a paper entitled “Classification of Hyperspectral imagery using a new fully convolutional neural network” in the National Conference on Science, Engineering, Technology and Management (NCSETM-2K18) organized by Annapoorana Engineering College, Salem
- Presented a paper entitled “EEG Signal Classification using fast neural classifiers” in One Day National Conference on Power, Control and Energy Monitoring (NCPCEM-2017) organized by Kongu Engineering College, Perundurai.
- Presented a paper entitled “GSM Based Automated Irrigation System using Sensors” in the National Conference on “GRID AND ENERGY MANAGEMENT (NCGEM’15) organized by Mahendra Engineering College, Namakkal.

Programmes Attended (Seminar/Workshop/FDP/STTP others)

S.No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Teacher training course –Big Talk course	Course	Happy mongo Learning Solutions Pvt. Ltd.	01.04.2023
2.	Teaching and learning in Engineering	Course	NPTEL - AICTE	JAN to FEB 2023(ELLITE)
3.	Teaching and learning in Engineering	FDP	NPTEL-AICTE	JAN to FEB 2023
4.	VLSI Design	FDP	St.Peters college of engineering and technology	23.01.2023-28.01.2023
5.	Recent Trends on Digital Image Processing Techniques	FDP	Sreenivasa Institute of Technology and Management studies - Chittoor	05.12.2022-09.12.2022
6.	Attended International webinar on Effective Methodology for Research Paper Writing	Webinar	V.S.B.Engineering College	03.09.2022

7.	One day workshop on “Workplace Communication”	Workshop	K S R Institute for Engineering and Technology	27.08.2022
8.	Successfully completed NPTEL course on “Accreditation and Outcome Based Learning”	Course	NPTEL-AICTE	Aug-Oct 2022
9.	Accreditation and Outcome Based Learning	FDP	NPTEL-AICTE	Aug-Oct 2022
10.	Design and Modeling of IOT, Ai & ML System	Workshop	All India Council for Technical Education (AICTE)	01.08.2022- 05.08.2022
11.	Creation of start-ups in campuses-Adopting Experiential pedagogical Teaching Methods	FDP	K S Rangasamy College of MBA	18.07.2022- 23.07.2022
12.	Machine Learning	Workshop	Mahendra Institute of Technology	07-02-19- 08.02.2019
13.	Imparting industrial practices in Technical Education	Annual Convention	Indian society for technical education –TN selection	26.03.2018
14.	World Women Hack Anthon 2018	Hackathon	Mahendra Institute of Technology	2.03.2018- 3.03.2018
15.	Recent Advancement in green energy Technology for sustainable environment	seminar	Kongu Engineering College	20.07.2018- 21.07.2018
16.	Practical introduction to MATLAB for scientific Computing and engineering	Workshop	Kongu Engineering College	6.01.2018
17.	Wearable Technology	Seminar	The Institution of Engineers(Salem)	26.09.2017
18.	Understanding of students learning styles	FDP	Mahendra Institute of Technology	22.07.2017

19.	Embedded Programming for ARDUINO using MATLAB Tools and Techniques	Workshop	Kongu Engineering College	-
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PROFESSIONAL MEMBERSHIPS

- Member of ISTE (Life time member).
- Member of IEI (Institution of Engineers India)

ADDITIONAL PROFESSIONAL RESPONSIBILITIES HELD

- ❖ Co-Ordinator for various committee in College functions
- ❖ WOMEN Empowerment coordinator

COURSE ATTENDED

15 Days (23.02.2016-30.03.2016) Kongu Engineering college perundurai

Two years of service 2011-2013 in National service scheme

PATENTS APPLIED&PUBLISHED

S.No	Title of the Invention	Application Number	Publication Date
1	Detection of varied EEG Pattern Signal for Chronic Migraine Patients Using Machine Learning Approach	r202241065256 A	15/11/2022

PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Name of the Programme	Type of Programme	Resource person	Date
1.	-Health Awareness Seminar- Seminar on Life Skills	Seminar	Ms.BharathiParamasivam, CEO- Beatus Language Academy, Namakkal	02.09.2022
2.	Opportunities through Japanese language	Seminar	Ms.Madhuvanthi, Japanese Language Trainer, Idli& Sushi-Learn Japanese	20.10.2022
3.	Collaborative coding Using Github	Workshop	Dr.G.Bindhu, M.E, Ph.D. Associate Professor, Department of CSE, Koneru Lakshmalah Education Foundation, Andhra Pradesh	12.11.2022
4.	How to plan for Startup and legal & Ethical Steps	Seminar	Dr.E. BHASKARAN. B.E., M.I.E., M.B.A., Ph.D., C.E., F.I.E., F.I.I.P.E.(D.Litt.), (D.Sc.), Joint Director (Engineering), Department of Industries and Commerce, Government of Tamil Nadu	22.2.2023