


Name	P.GOVINDARAJU			
Department	ECE			
Qualification	B.E., M.E., M.B.A., (Ph.D).,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-07-2011			
Experience (as on 01.03.2023)	Teaching:17Y 9M	Industry: -	Others: -	
Number of Papers Published	National Journals : - International Journals : 03			
Number of Papers Presented	National Conferences : 04 International Conferences : 01			
Books Published	National Publisher : 01 International publisher : -			
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Publications (International Journals)

1. P.Govindaraju, “Implementation of Automatic Fertigation System by Measuring the Plant Parameters”, [International Journal of Engineering Research & Technology \(IJERT\)](#), Volume. 3, Issue. 10, ISSN: 2278 – 0181, October – 2014.
2. P.Govindaraju, “Monitoring and Optimizing the State of Pollution of High Voltage Insulators Using Wireless Sensor Network Based Convolutional Neural Network” in [Microprocessors and Microsystems](#), ISSN: 0141-9331, Volume 79, November 2020.
3. P.Govindaraju, “Environmental Impact of High Voltage Insulator Quality Analysis using Improved Deep Learning Approach”, [Journal of Environmental Protection and Ecology](#), ISSN: 1311-5065, Volume 23, Issue 2, 2022.

Publications (National Journals) – NIL

Publications (International Conferences)

1. “Condition Monitoring of Transmission Line Insulators using PMU for Smart Grid Environment”, **International Conference on Intelligent & Advanced Systems**, Kuala Lumpur, Malaysia on 15.08.16 to 17.08.16

Publications (National Conferences)

1. “Test Data Compression for IP Cores with multiple scan using Huffman Coding”, **National Conference on Communication and Signal Processing (NCCSP-2009)** organized by ELCOMM Association, Department of ECE, SSM college of Engineering, Komarapalayam on 21st March, 2009.
2. “Multilevel Huffman Based Test Data Compression for IP Cores”, **National Conference on Advanced Communication and Computing** organized by Paavai College of Engineering, Namakkal on 2nd April, 2009.
3. “Monitoring of High Voltage Transmission Line: A Survey of WSN Simulator Tools”, **13th National Conference on Emerging Scenario in Power Engineering and Electrical Drives (eSpeed-2017)** organized by Department of EEE, K.S.Rangasamy College of Technology, Tiruchengode on 6 & 7th April, 2017.
4. “Fingerprint based Medical Information and Online First Aid Recommender for emergency”, **National Level Web Conference – Advanced Electrical Computing & Communication Technology (AECCT 2020)** organized by Department of Electrical Sciences, Adithya Institute of Technology on 5th & 6th June, 2020.

Online Certification:

S.No	Name of the Course	Conducted by	Duration	Score
1.	Basic Electronics	NPTEL IIT, Bombay	Jan – Apr 2017	69% (Elite)
2.	Introduction to Philosophy	The University of Edinburgh and offered through Coursera	24.04.2020	-

3.	Getting Started with AWS Machine Learning	Amazon Web Services and offered through Coursera	28.04.2020	-
4.	Introduction to Calculus	The University of Sydney and offered through Coursera	03.05.2020	-
5.	Discover how metrics can boost funding and networking opportunities	Researcher Academy - Elsevier	24.04.2020	-
6.	Funding Hacks for Researchers	Researcher Academy - Elsevier	24.04.2020	-
7.	How to secure funding - ECR edition	Researcher Academy - Elsevier	24.04.2020	-
8.	Python Basics	Udemy	08.05.2020	-
9.	CNN for Computer Vision with Keras and Tensor Flow in Python	Udemy	08.05.2020	-
10.	Complete Machine Learning with R Studio – ML for 2020	Udemy	08.05.2020	-
11.	Python Programming Made Easy: A Concise Python Course	Udemy	09.05.2020	-
12.	Accreditation and Outcome Based Learning	NPTEL IIT, Madras	Aug – Oct 2022	76% (Elite + Silver)
13.	Teaching And Learning in Engineering (TALE)	NPTEL IIT, Madras	Jan – Feb 2023	62% (Elite)

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Electronics Devices and Circuits	Mr.P.Govindaraju Mr.M.M.Arun Prasath Mr.M.Udhayakumar	Scientific International Publishing House	2023

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	LoRa based wireless weather station monitoring	TNSCST	7500	Guide

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

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1.	FDP on “Embedded System ARM”	FDP	KSR Polytechnic College, Tiruchengode.	18.02.09 & 19.02.09
2.	FDP on “Essential skills for Effective Professionals”	FDP	PSG Polytechnic College, Coimbatore	07.03.09
3.	Workshop on “Real time Embedded Systems”	Workshop	Vi Microsystems Pvt. Ltd., Chennai	30.10.09
4.	Workshop on “Embedded System”	Workshop	Kongu Engineering College, Perundurai	11.12.09 & 12.12.09
5.	FDP on “Mind without Fear”	FDP	Anna University, Chennai	09.07.2012
6.	Two – week ISTE workshop on “Analog Electronics”	Workshop	IIT, Kharagpur	04.06.13 to 14.06.13
7.	AICTE Sponsored FDP on “Recent Technology in Optical WDM Networks, Burst Switching Networks and Sensor Networks: A Scalable Approach”	FDP	Excel College of Technology, Pallakkaplayam	08.07.13 to 20.07.13
8.	FDP on “VLSI Design Using Tanner and Mentor Graphics Tools”	FDP	Trident Techlabs Pvt. Ltd., Chennai	30.08.13 & 31.08.13

9.	TEQIP-II Sponsored one week FDP on “ Digital and Analog VLSI Design”	FDP	Coimbatore Institute of Technology, Coimbatore	20.11.13 to 26.11.13
10.	One day workshop on “Research Methodology”	Workshop	Anna University, Chennai	16.12.14
11.	One day workshop on “Wireless Sensor Networks and its use in Internet of Things”	Workshop	Anna University, Chennai	20.11.15
12.	One day Seminar on “Opto Electronic Devices”	Seminar	M.P.N.M.J Engineering College, Chennimalai	28.09.16
13.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	09.11.16 to 11.11.16
14.	FDP on “ Learning Improvement Techniques”	FDP	IIT, Madras	01.11.17 to 03.11.17
15.	One day Seminar on “Cyber Security & Ethical Hacking”	Seminar	KSR Institute for Engineering and Technology	05.01.19
16.	Instructional and assessment char of OBE framework and hands-on practices for designing and mapping outcomes	Workshop	KSR Institute for Engineering and Technology	19.11.19 to 21.11.19
17.	One day Workshop on “Intellectual Property Rights”	Workshop	Annapoorna Engineering College	29.02.20
18.	Five Days Online FDP on “Advanced Simulation Tools of Electronics Engineers “	FDP	S.A. Engineering College, Chennai	27.04.20 to 01.05.20
19.	3 Days Online FDP on “MOODLE”	FDP	VIT, Chennai	13.05.20 to 15.05.20
20.	Webinar on “Computer Networking in Action Using Wireshark (A Packet Sniffer Tool”	Webinar	RVS College of Engineering and Technology, Coimbatore	28.05.20
21.	Webinar on “Accelerating industry 4.0 – A post Covid Paradigm”	Webinar	ICT Academy	25.05.20 to 29.05.20

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Remarks
	From	To		
1.	07.09.19	-	One Day Workshop on “Modern Antenna Design”	
2.	22.09.16	23.09.16	Two day National level hands on Workshop on “ Networking & Security”	
3.	16.10.15	-	One Day workshop for Higher Secondary Physics Teachers	
4.	31.01.15	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
5.	07.01.14	-	One Day Tech+ workshop for Higher Secondary Physics Teachers	
6.	05.07.13	12.07.13	Electronic Circuits Design and Simulation – Tech+ 2013	

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	-	-

Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM 51438)

Subject Links