

Dr.N.Nagarani, ME., Phd.,
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 Velammal College of Engineering and Technology,
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Educational Qualification:

S.No	NameoftheDegree	Institution/University	Year of Passing
1	Phd	AnnaUniversity,Chennai	2020
2	ME	MohamedSathakEngineeringCollege, Kilakarai,Ramnad	2006
3	BE	Sethu Institute of technology, Madurai	2001

Experience in Years: 16 years

Employment History:

S.No	NameoftheCollege/Industry	Period	YearofService
1	Velammal College of Engineering and Technology	2021 to tilldate	-
2	K.L.N.College of Information Technology Sivagangai.	2007-2019	12years 6months
3	Raja college of Engineering and Technology, Madurai, Tamilnadu	2006-2007	6months
4	Mohamed Sathak Engineering College, Kilakarai, Ramnad.	2006	3months
5	Mohamed Sathak Polytechnic College, Kilakarai, Ramnad.	2004-2006	1year 4months

Interested Research Areas : Digital Image Processing, Integrated Circuits, Instrumentation and Sensors.

Funded Research Projects :

Title of the Course	Duration	Sponsoring Agencies	Amount Received	No.of Participants
"Faculty Development Program on Entrepreneurship" organized by Entrepreneurship Development Cell of AU Regional Campus Madurai	20.03.2017 to 01.04.2017(2weeks)	DST sponsored	67,000	50

Patent Rights Received:

S.No.	TitleoftheInvention	PatentApplicationN umber	CurrentStatus
1.	Intelligent Sensor based Automatic EB Billing Calculation Method	202241011377A	FirstStage

Publications Details :**No. of International Journals : 02****No. of International/National Conference :12**

S. No.	Title	Journal	Year
1.	Unmanned Aerial Vehicle's Runway Landing System With Efficient Target Detection By Using Morphological Fusion For Military Surveillance System	Computer Communication Elsevier science.	2019
2.	Analysis And Design Of Soft Switching Isolated SEPIC Converter For Dc Distribution Systems	International Journal of Technology and Engineering Science [IJTES]	2013

International/National Conference Publication Details

S. No.	Title	Name of the Conference	Date
1	Robust real time segmentation of images and videos	National Conference, Sethu Institute of Technology, Madurai	2006
2	Real time Power system stabilizer	National Conference, Saranathan College of Engineering, Tiruchirapalli.	2007
3	Robust point matching for image registration of 3D-Electrophoresis gels	National Conference, Sudarsan College of Engineering,	24.08.2007 to 25.08.2007
4	Designing linear equalizers that maximize structural similarity index	International Conference, Manipal University, Manipal	9.8.2010 to 22.8.2010
5	Gateway model for Environment pollution monitoring using wireless sensor network	National Conference, KLN College of Engineering and Technology, Madurai	23.3.2016
6	Analysis and Simulation of Electrical Power System using MATLAB/Simulink	ISTE Sponsored National conference, Karpagam College Of Engineering, Coimbatore	30.1.2016
7	Analysis of Aircraft Landing System in Low Visibility Conditions	International conference (IEEE Conference), Karpagam college of Engineering, Coimbatore.	17.03.2016 and 18.03.2016
8	GPS based Head up display system for aircraft under low visibility conditions	International Conference (ISRO Sponsored) on Design and applications of Structures, Drives, communicational and computing systems" Organized by KLN College of Information Technology	16.12.16 and 17.12.16
9	Water harvesting from atmospheric air	National Conference, KLN College of Information Technology, Madurai	2.3.2017
10	Design and Development of Reduced Switch Single Phase Multilevel Inverter Fed from Isolated Photovoltaic System"	International Conference on Smart Technologies and Applications (AICTE, NABARD AND BAI Sponsored), Ramco Institute of Technology	11.03.2022 and 12.03.2022

11	Analysis of solar energy applications in industrial and commercial sectors	National Conference on Sustainable Infrastructure with Responsible Consumption and Production(SIRCP 22)	24.03.22 and 25.03.22
12	Automated home appliances based on microcontroller using mobile phone	National Conference on Sustainable Infrastructure with Responsible Consumption and Production(SIRCP 22)	24.03.22 and 25.03.22

Books Published/Chapters Contributed

S.NO	Title of the Book	Publisher	Month / year of publication
1.	Basic Electrical and Electronics Engineering	Geneis Publication	2013