

Name	Dr. A. SURESH KUMAR			
Contact (office)	Professor Department of Electronics and Communication Engineering M.I.E.T. Engineering College Trichy.			
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Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., Information and Communication Engineering, Electronics and Communication Engineering	SSN College of Engineering, Chennai.	Anna University Chennai.	2016
	M.E., Communication systems, Electronics and Communication Engineering	Regional Engineering College(REC)(NIT) Tiruchirappalli.	Bharathidasan University Tiruchirappalli.	2003
	B.E., Electronics and Communication Engineering	Mookambigai College of Engineering, Tiruchirappalli.	Bharathidasan University Tiruchirappalli.	1994

Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	Pavendar Bharathidasan College Of Engineering and Technology, Tiruchirappalli.	Assistant Professor	03.01.2003	04.01.2016
	Pavendar Bharathidasan College Of Engineering and Technology, Tiruchirappalli.	Associate Professor	05.01.2016	11.01.2017
	Pavendar Bharathidasan College Of Engineering and Technology, Tiruchirappalli.	Professor	12.01.2017	08.06.2018
	M.I.E.T. Engineering College, Tiruchirappalli.	Professor	27.06.2018	Till Date
Awards & Recognitions	Received Appreciation letter from Former President of India Dr.A.P.J.ABDUL KALAM for wrote Tamil technical engineering books in the year 2011.			
Membership in Professional Bodies	<ul style="list-style-type: none"> ➤ IEI-Life Member, ➤ IETE-Fellow Life, ➤ IEEE- Life Member ➤ IEEE AP - Life Member & Subscription, ➤ ACM- Member & Subscription-copy, ➤ ISTE- Life Member 			
Academic Areas of Interest	Antennas and propagation, Antennas, RF & Microwave Engineering, Communication systems, Wireless Communication, Satellite Communication, Bio-Medical.			
Administrative Capabilities	<ul style="list-style-type: none"> ➤ In-charge for the Department Library2018-Till now. 			

LIST OF PUBLICATIONS

International journals

- **Suresh Kumar, A & Sundaravadivelu, S** 2015, '**Solar cell antenna using ITOS**', **International Journal of Applied Engineering Research**', ISSN 0973-4562, Research India Publications in vol.10, no.20, pp.19592-19596. **(Annexure II)**
- **Suresh Kumar, A & Sundaravadivelu, S** 2013, 'A Performance Analysis of AgHT-4 Patch Antenna for Efficient SOLPLANT Compared with Copper and Mesh', **European Journal of Scientific Research (EJSR)**, 8091-EJSR-96-3-008 ISSN:1450-216X/1450-202X <http://www.europeanjournalofscientificresearch.com>, vol.96, no.3, pp.393-402. (Impact Factor-0.736).
- **Suresh Kumar, A & Sundaravadivelu, S** 2013, 'A Performance Analysis of Solar Cell by Integration with Microstrip antenna and its different materials', **International journal of advanced engineering and sciences and technologies (IJAEST)** 9.IJAEST-MAR 115-V121S1-810 (ISSN: 2230-7818) @ 2013.<http://www.ijaest.iserp.org>-In the year 2011/5889 ES, vol. no.12, Issue 1, 054-065.
- **Suresh Kumar, A and Sundaravadivelu, S** 2014, 'Performance analysis of solar cell antenna with hybrid mesh and aght-8 material', **Scholarly Journal of Scientific Research and Essay (SJSRE)** Available online at <http://www.scholarly-journals.com/SJSRE> ISSN 2315-6163 c Scholarly-Journals. Corresponding author E-mail: manaa_suresh @ yahoo.com., vol.3(4), pp.51-55.
- **Suresh Kumar, A and S. Sundaravadivelu**, Design of Solar Cell Antenna (SOLAN) Using Indium Tin Oxide Mixed with Silver. **African Journal of Basic & Applied Sciences (AJBAS)** 9 (4): 216-220, 2017 ISSN 2079-2034 © IDOSI Publications, 2017 DOI: 10.5829/idosi.ajbas.2017.216.220.

SEMINAR/WORKSHOP/TRAINING PROGRAM/WORKSHOP INTERNATIONAL CONFERENCE

PAPER PRESENTATION

- **Suresh Kumar A** & Sundaravadivelu, S 2011, 'An Efficient Design of Solar Cell Antenna for Mobile and Vehicular Applications', **IEEE Global Humanitarian Technology Conference (GHTC)**, 978-0-7695-4595-0/11.\$26.0 © 2011 IEEE DOI 10.1109/ GHTC.2011.14 IEEE - Computer Society of India, pp.36-39.
- **Suresh Kumar A**, "A Fault Tolerant Matrix-Vector Multication (MVM) for MIMO system'. International Conference on Breakthrough in Engineering, science & technology-2019", BEST'19 @ Dr.kalam institute of engineering Research, Salem, Tamilnadu.

NATIONAL CONFERENCES

- **Suresh Kumar A** & Sundaravadivelu, S 2012, 'A Performance Analysis of Copper, Meshed and AgHT-4 Patch Antenna for Efficient SOLPLANT', SI.No.39, IIB06, PP.21, **Second Integrated National Conference "Key note-2012"**.
- **Suresh kumar A¹**, K. Malaisam^{y2}, M. Baritha Begu^{m2}, G. Sivakannu², N. Preethi Elizabeeth^{h2} Design and analysis of high-gain antenna array for space applications, **second national conference on recent advances in communicative electronics**, , 1. M.I.E.T. Engineering College, Trichy., 2. Saranathan College Of Engineering, Page 91, March 9 & 10, 2023.

FACULTY DEVELOPMENT PROGRAM

- **Suresh kumar A**, **Embedded Systems and IOT with Hands-on session on Arduino and Raspberry PI**, Department of Electronics and Communication Engineering, Saran athan College of Engineering,Trichy from 24.07.23 to 28.07.23,online.

SEMINAR

- **Suresh kumar A, Digital Forensics in Air :Exploring Young Minds in Digital Forensics with UAV applications for the Socio-economic Development** on 12 &13 April 2023 at SRI ESHWAR COLLEGE OF Engineering ,Coimbatore.

WORKSHOP

- **Suresh kumar A, Recent Trends in Photonics & Hands on Training Using Optsim** on **7.6.2019** to 8.6.2019 Organized by Electronics and Communication Engineering Department at IFET college of Engineering, Villupuram.

PATENT

- **"Design of an IoT Monitoring System for Measuring Light Intensity and Light Gas Level"**, Engineering and technology, **Sanjeev Kumar, Dr. A. Suresh Kumar,** Mr.N. Dharmaraj, Rajiv, Dr.A.Kalaivani, Dr. M. Aravinthraj, Narender Chinthamu, Dr. Harendra, K. Sharma, Dr. Shashank Sharma, Dr. Kazi Kutubuddin Sayyad Liyakat / Form 1 THE PATENTS ACT, 1970 (39 of 1970) & THE PATENTS RULES, 2003, APPLICATION FOR GRANT OF PATENT [See sections 7,54 & 135 and rule 20(1)] /,The Controller of Patents ,The Patent Office, Delhi, 2023-01-11, **Published.**
- **"Integration of internet of things-based wireless sensor networks and wifi in medical"** Engineering and technology, **Dr.A. Suresh kumar,** Mr.N.Dharmaraj , Mrs.B.T.kirithika , Mrs.J.Nirmala , Mrs.N.priscilla vilma manorathi, Form 1 THE PATENTS ACT 1970 (39 of 1970) & THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT [See section 7, 54 & 135 and rule 20 (1)] /The Controller of Patents, The Patent Office at Delhi, 2023-03-22, **Published.**