A1	Personal Details

S.VEERAKUMAR B.E.,M.E.,

Assistant Professor

Department of Electronics and Communication Engineering

Knowledge Institute of Technology, Salem - 637 504. India.

Ph: 9486361173

Email id: **svkece@kiot.ac.in**
veerakumarbeece@gmail.com

A2	Area of Interest	Digital Image Processing

A3	Subjects Taught	
UG		**PG**
Transmission Lines and RF Systems		--
Antenna and Wave Propagation		
Wireless Communication		
Optical Communication and Networks		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Communication Systems	K.S.R College of Engineering Tiruchengode	Anna University	June 2012
B.E.	Electronics and Communication Engineering	S.S.M College of Engineering Komarapalayam	Anna University	May 2010

A5	Work Experience as on May 2022			
Name of the Institution	**Position**		**From**	**To**
Knowledge Institute of Technology, Salem	Assistant Professor		June 2012	Present
Total Experience	10 Years	Teaching	10 Years	Research	-	Administration	-

A6	Research Publications				
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	8	-	03	03	14

Publications (Journals)

S.No.	Authors	Tile of the Article	Name of the Journal	Year, Vol. ,No. pages
1.	1.S.Veerakumar 2.D.Anudeepak 3.D.Gunaseelan 4.M.Porkodi	Implementation of IoT Enabled Home Automation System Using Smart Application	International Journal of Innovative Research in Computer and Communication	Volume 9, Issue 10, October 2021 e-ISSN: 2320-9801, p-ISSN: 2320-9798 Page No.10201-10206.
2.	1.Veerakumar.S 2.Azra Fathima .Z 3.Dishaharini.P 4.Pasumitha.S	Ensuring Women Safety Using Smart Device	International Journal of Innovative Research in Computer and Communication Engineering,	Volume 9, Issue 11, November 2021 e-ISSN: 2320-9801, p-ISSN: 2320-9798 Page No. 14419- 14422
3.	1.Veerakumar.S 2. Pavithara S 3.Sathya S 4.Pradheepa S 5.Ramanavijay K.G	Smart Assistance For Visually Impaired Persons	International Journal for Scientific Research & Development	Vol. 8, Issue 1, 2020	ISSN (online): 2321-0613
4.	1.Veerakumar.S 2.Madhumitha K 3.Rubini T 4.Divyadarshini T 5.Suthakar M N	E Commence Online Shopping System	International Journal for Scientific Research & Development	Vol. 8, Issue 6, 2020	ISSN (online): 2321-0613
5.	1.Veerakumar.S 2.Amuthavalli.M 3.Indhumathi.P 4.Meena.P 5.Mohanapriya.P	Traffic Management and Climate Monitoring System using Wireless Communication with IOT	South Asian Journal of Engineering and Technology	Vol.3, No.2 (2017) 110–116
6.	1.Veerakumar.S 2.Jeeva.K 3.Mekala.T 4.Nandhini.S 5.Saranya.C	Agriculture and crop Assessment Studies Using Remote Sensing and GIS Technology	International Journal of Advanced research in Management ,Architecture, Technology &Engineering	Vol.3 No .3pp 316-321,2016

7.	1.S.Veerakumar 2..K.Rajesh 3.S.Suvarna	Aging Aware Radix-4 Booth Multiplier With Adaptive Hold Logic And Razor Flip Flop	i-manager's Journal on Electronics Engineering	Vol. 6 · No. 1 · September - November 2015
8.	1.S.Veerakumar 2.M.Chandraman 3.N.Nithya,	An Efficient Implementation of Built in Self Diagnosis for Low power Test Pattern Generator	International Journal of students research in Technology & Management	vol.3no 2, pp 269-272. , 2014.
International Conference				
1.	1.S.Veerakumar 2.D.Anudeepak 3.D.Gunaseelan 4.M.Porkodi	Smartness Around Us Using IoT Based Wireless System	International Conference on Research in Electronics Engineering and Communication Techniques (ICREACT-21)	2021
2.	1.Veerakumar.S 2.Azra Fathima .Z 3.Dishaharini.P 4..Pasumitha.S	Ensuring women safety using smart devices	International Conference on Research in Electronics Engineering and Communication Techniques (ICREACT-21)	2021
3.	1. Veerakumar.S 2.Mrs.Jayamathi.A	Optimized Segmentation using Compound Image Compression For Mixed Raster Content	International Conference on Emerging trends in Computer and Communication Technologies	2012
National Conference				
1.	Veerakumar.S	IoT Based Sewage Blockage Detection and Gas Monitoring with Neutralization System.	ISTE Sponsored Two days National Level Conference on Emerging Trends in Engineering Design and Manufacturing	2022
2.	Veerakumar.S	GSM Based Smart Pill box	National Conference on Recent Trends in Communication and Information Technology (RTCIT-17&18)	2018
3.	1.Veerakumar.S 2.UdhayakumarN 3.Ashokraj.B 4.Govindaraju 5.Muralikganes C.K	RFID based Home Surveillance using video camera	National Conference on Advances in Computing Technologies	2014

A7	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Life Member of Indian society of Technical Education (ISTE) (No. LM 107407)

A8	Programs Organized
1.	Organized VLSI Domain Specific Training to III year ECE Students by Tessolve Semiconductor Pvt. Ltd. Bangalore. (31.05.2021 to10.06.2021)
2.	One of the Organizing Team member of Everyone can Do Quality Research online webinar series
3.	Organized guest lecture on Applications of Advanced Imaging Software- APHELION DEV by Knowledge Institute of Technology on 6th November 2014.

A9	Consultancy Works
	--

A10	Highlights of Major Contributions
1.	Training Coordinator & Japanese Language Training Coordinator
2.	NAAC Criterion-5 Coordinator

A11	Training Programmes Attended
1.	Five day online FDP on the theme "**Inculcating Universal Human Values in Technical Education**" organized by All India Council for Technical Education(AICTE) from 14th March, 2022 to 18th March, 2022. (F.No AICTE/FDP-SI/OnlineWorkshop/201/126339)
2.	AICTE Training And Learning (ATAL) Academy Online FDP on **"Data Analytics in Smart Healthcare** from 06.12.2021 to10.12.2021 by Knowledge Institute of Technology, Salem (No: ATAL/2021/1637145557)
3.	AICTE-ISTE approved Orientation / Refresher Programme on "**Online Teaching and Learning Pedagogy**" held during 03.05.2021 to 08.05.2021 organized by Knowledge Institute of Technology, Salem.
4.	AICTE Training And Learning (ATAL) Academy Online FDP on "**Artificial Intelligence**" from21.09.2020 to 25-9-2020 at National Institute of Technology Puducherry. (No:ATAL/2020/1597413855)
5.	AICTE Training And Learning (ATAL) Academy Online FDP on "**Internet of Things (IoT)"**from 01-02-2021 to 05-02-2021,Knowledge Institute of Technology, Salem. (No:ATAL/2021/1611302893)
6.	**NPTEL** Online certification on **"Introduction to Internet of Things"** Through Mooc mode during January to April 2020.
7.	**NPTEL-AICTE** one and half week Faculty Development Programme on **"Antennas"** through mooc mode and passed proctored exam during January to April 2019.
8.	**NPTEL-AICTE** one and half week Faculty Development Programme on **"Introduction to Wireless and Cellular Communications"** through mooc mode and passed proctored Exam during July to October 2018.
9.	Two week Faculty Development Programme (FDP201x) on **Pedagogy for Online and Blended Teaching-Learning** Process Conducted by Indian Institute of Technology Bombay from 14th September -12th October 2017.

10.	Two week Faculty Development Programme (FDP101x) on **Foundation Program in ICT for Education** Conducted by Indian Institute of Technology Bombay from 3rd August -7th September 2017.
11.	Two week ISTE workshop on **CMOS, Mixed Signal and Radio frequency VLSI Design** Conducted by Indian Institute of Technology Kharagpur from 30thJanuary -4thFebruary 2017.
12.	AICTE sponsored two week Faculty Development Programme on **Select Topics on Signal Processing and Machine Intelligence** Organized by Department of E&TC, College of Engineering, Pune from 26th Dec- 4th Feb2017.
13.	One day workshop on **Advanced Design System** organized by Department of ECE, Dhirajalal Gandhi College of Technology during 7th February 2015
14.	Anna University sponsored one week Faculty Development Training Programme on EC 6602 **Antenna and Wave Propagation** Organized by Department of ECE, SSN College of Engineering, Chennai from 30th November-07th December2015.
15.	Two-day workshop on **Project Management** organised by School of Mechanical and Building Sciences, VIT University Vellore during 21&22 October 2015
16.	Two week ISTE workshop on **Signals and Systems** Conducted by Indian Institute of Technology Kharagpur from 2nd -12th January2014.
17.	Three-day Faculty Development Programme on **Communication System Design** conducted by ICT Academy of Tamilnadu from 16th -18th June 2014 held at Thiagarajar College of Engineering, Madurai.
18.	One day workshop on **How to write Research article** organized by Department of Mech, Knowledge Institute of Technology, Salem during 28th August2014
19.	Three-day programme on Engineering Faculty Workshop organised by HRD Cell association with **Wipro mission 10X** at, Knowledge Institute of Technology, Salem during 17-19 November 2014.
20.	One Day workshop on **Image and Speech Processing** held during 13th December 2014 organized by International Institute of Information Technology Hyderabad.
21.	Two week ISTE workshop on **Control Systems** Conducted by Indian Institute of Technology Kharagpur from 2nd -12th December2014.
22.	Two week ISTE workshop on **Analog Electronics** Conducted by Indian Institute of Technology Kharagpur from 4th -14th June2013
23.	AICTE sponsored two week Faculty Development Programme on **Advances in Medical Imaging Using Computational Intelligence** Organized by Department of ECE, Knowledge Institute of Technology, Salem from 26th August -7th September2013
24.	AICTE sponsored two week Faculty Development Programme on **Emerging Trends in Wireless Communicatio**n Organized by Department of ECE, Vivekananda Engineering College for Women, Salem from 15 -28th November 2013
25.	Two week workshop on **Embedded System Design on MSP430** Conducted by Gill Instruments Bangalore from 2-14 December2013.
26.	Three day National workshop on **Practical Insight into RF antenna design through PCB Prototyping** organized by Department of ECE, K.S.R College of Engineering from 27th February - 1st March 2013.
27.	One day workshop on **Effective and Joyful Teaching** organized by The Kavery College of Engineering during 10th August 2012.

A12	**Special Lectures Presented**
1.	--

A13	Awards
1.	Received Best Faculty Award during the Academic Year 2019-2020 from KIOT
2.	Received Appreciation for fostering an ecosystem bridging government, Industry and Academia from DST & Texas Instruments (2018-2019) for contribution in India Innovation Challenge design contest-2018
3.	Received Appreciation from college (2017-2018) as Academic Excellence for producing university results.
4.	Received Appreciation from college (2016-2017) as Academic Excellence for producing university results.
5.	Received Achievers Award from college (2015-2016) for contribution of project selection in national level.
6.	Received Achiever Award from Texas Instruments (2015-2016) for contribution in TI Design contest.
7.	Received Appreciation Award for the contribution in Placement and Training activity on 2015, 2016, 2017, 2018,2019,2021.