A1	Personal Details
V.VIMAL RAJ	
Assistant Professor	
Department of Electronics and Communication Engineering	
Knowledge Institute of Technology, Salem - 637 504. India.	
Ph: 9789541020	
Email id: vvrece@kiot.ac.in	

A2	Areas of Interest	Embedded Systems

A3	Subjects Taught	
UG		**PG**
Communication Theory		Signal Integrity for High Speed Design
Digital Communication		Embedded System Design
Digital Signal Processing		Solid State Device modelling and simulation
Signals and Systems		
Electronics Circuits - II		
Communication Engineering		
Control Systems		
Circuit Analysis		
Analog and Digital Communication		

A4	Academic Background			
Degree	**Specialization**	**Name of the Institute**	**University**	**Month and Year of Passing**
Ph.D.	-	-	-	-
M.E.	Electrical Drives and Embedded Control	Regional Centre of Anna University Coimbatore	Anna University	June 2013
B.E.	ECE	Paavai College of Engineering	Anna University	April 2011

A5	Work Experience as on May 2022		
Name of the Institution	**Position**	**From**	**To**

Knowledge Institute of Technology	Assistant Professor	26.11.2019	Till date
Gnanamani College of Technology	Assistant Professor	20.06.2018	09.05.2019
Qbitronics, Coimbatore	Embedded Developer	02.05.2016	31.08.2017
M.A.M College of Engineering and Technology	Assistant Professor	17.06.2013	29.04.2016

Total Experience	7 Yrs 7 months	**Teaching**	6 Yrs 3 months	**Research**	-	**Industry**	1 Yr 4 months

A6	**Research Publications**				
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	3		2	2	7

Publications (Journals)

S.No	Authors	Tile of the Article	Name of the Journal	Year, Vol. , No. pages
1.	V.Vimal Raj	Design and Implementation of Reconfigurable Switches with Multifeature Objective	International Journal of Engineering Science and Computing	Vol. 11, No. 10, (2021), pp. 28956–28960

International Conference

1.	V.Vimal Raj	Aided Communication Method for Paralytic Patients using MEMS	International conference on recent trends in engineering and technology	Mar 13-14, 2014

National Conference

1.	V.Vimal Raj	Modelling of PV array and its maximum power point tracking algorithm	National conference on Emerging Technologies	2013

A7	**Research Grants/ Projects Received**

A8	**Memberships in Professional Bodies**
S.No.	**Name of the Professional Body**

A9	Programs Organised
	National Level Workshop-1

A10	Highlights of Major Contributions
1	Working as department ERP incharge
2	Served as department ISO coordinator
3	Worked as department exam cell incharge

A 11	Training Programmes Attended
1	Five days online FDP on the theme Universal Human Values Refresher 1 " organized by AICTE
2	Five days AICTE-ISTE approved Refresher Programme on "Online Teaching and Learning Pedagaogy" organized by Knowledge Institute of Technology, Salem.
3	Five days AICTE sponsored ATAL FDP on "Data Analytics in Smart Healthcare" organized by Knowledge Institute of Technology, Salem.
4	Online workshop on "Innovative Product Design Using Arduino" conducted by Atal Incubation Centre of Pondicherry Engineering College Foundation organised
5	Five days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by AICTE
6	Five days Skill Development Programme on "Role of IoT in Electrical Engineering" organised by K.S.Rangasamy College of Technology.
7	Webinar on "Article Writing and Journal Publication" organised by Kings Engineering College, Chennai
8	Webinar on "Insights on data Science for Engineers" organised by R.M.K Engineering College, Tiruvallur
9	Webinar on "Happiness" conducted by Knowledge Business School, Salem
10	Five days Skill Development Programme on " Digital System with Verilog and Vivado" Coreel Technologies
11	Two Days FDP on "Virtual Teaching" conducted by Teaching learning Centre of Coimbatore Institute of Technology
12	Online webinar titled "How to conduct online class to students" conducted by Atal Incubation Centre of Pondicherry Engineering College Foundation
13	One day workshop on "Arduino" organised by Teaching Learning centre of IIT Bombay

14	Five days AICTE sponsored ATAL FDP on "Cyber Security" organized by National Institute of Technology, Trichy.
15	Five days AICTE sponsored ATAL FDP on "Internet of Things (IoT)" organized by Knowledge Institute of Technology, Salem.
16	Two Weeks AU sponsored FDP on " Control Systems" organized by Kongunadu College of Engineering and Technology, Namakkal
17	Two day Robotics (e-Yantra) workshop organized by IIT-Bombay (22 & 23rd Feb 2016).
18	Seven days FDP on "Discrete Time System and Signal Processing" organized by K.L.N College of Engineering
19	Seven days FDP on "Antenna and wave Propogation" organized by M.A.M College of Engineering & Technology
20	Two days FDP on "Solid State Device Modeling and Simulation" organized by Anna University, Regional Centre, Coimbatore
21	Twelve days FDP on "Pedagogy in Wireless Communication Networks" organized by M.A.M College of Engineering
22	Role of Power Electronics in grid integration and renewable energy sources- Issues (16th Mar 2013).
23	Design & Development of Renewable energy sources using solar and wind technology (23rd Feb 2013).
24	PIC microcontroller based Embedded workshop (5th to 11th Dec 2010).

Faculty   **HOD**   **Principal**