


Faculty Profile

A1	Personal Details	
Mrs.T.Devika, M.E.,		
Assistant Professor		
Department of Electronics and Communication Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91 - 427 - 2433961, Ext: 963		
Email id: tdece@kiot.ac.in		

A2	Areas of Interest	Digital Signal Processing, Microprocessor & Microcontrollers and Digital System Design
----	-------------------	--

A3	Subjects Taught	
	UG	PG
	Digital Logic Circuits	Advanced Digital System Design
	Digital Signal Processing	
	Basic Electrical and Electronics Engineering	
	Linear Integrated Circuits and its Applications	
	Electronic Devices	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Applied Electronics	Gnanamani College of Technology, Namakkal	Anna University	2012
B.E.	Electronics and Communication Engineering	Velammal Engineering College, Chennai	Anna University	2009

A5	Work Experience as on January 2017						
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		January 2013		Present	
Total Experience	7Years 6 Months	Teaching	7Years 6 Months	Research	-	Administration	-

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	9	-	2	1	12
Recent Publications (Journals)					
1.	S.IdrisSyedismail, E.ArunKailasam, S.Dhanapal, C.Karthik and T.Devika , “A Novel based on Soldier Tracking and Health Monitoring System Using Embedded Technology”, IJST-International Journal of science and Technology,Volume 03,Issue03,ISSN:2321-919X,2015.				
2.	S. Gopinath, T. Devika , M.Jagadeeshraja and M. Rajendiran, “An Automatic Robot to Rescue the Child from Bore Well System”, IJSRD - International Journal for Scientific Research & Development, Vol. 3, Issue 03, ISSN (online): 2321-0613, 2015.				
3.	M.Surekha, R.Preethi, K.Padmapriya, T.Devika and N.Divya, “ARM Based Fishing Boat Security System”, IJIREEICE – International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.2, Issue 2, ISSN(online):2321-2004, 2014.				
4.	K.Padmapriya, M.Surekha, R.Preethi, T.Devika and N.Divya ,“Smart Gas Cylinder using Embedded System”, in the IJIREEICE – International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.2, Issue 2, ISSN(online):2321-2004, 2014.				
5.	M.Gowsalya, M.Sangeetha, K.SriDhivya Krishnan, N.Divya and T.Devika , “A Novel Approach Automatic Digital Door Opening and Closing Security System” , IJIREEICE – International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.2, Issue 2, ISSN(online):2321-2004,2014.				
6.	K.Govindaraju, F.Parvez Ahmed, S.Thulsi Ram and T.Devika , “A Novel Approach of Train Prevention System from Collision Using AVR Microcontroller”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol.2, Issue 2, ISSN(online):2321-2004,2014.				
7.	R.Suresh, S.Gopinath, K.Govindaraju, T.Devika and Dr.N.SuthanthiraVanitha,“GSM Based Automated Irrigation Control Using Raingun Irrigation System”, International Journal of Advanced Research in Computer and Communication Engineering,Vol 3, Issue 2, ISSN 2278-1021,2014.				
8.	S.Sukhumar, B.Sinduja, N.Divya, T.Devika and N.SuthanthiraVanitha, “A Novel Approach of Automation in Ticket Vending Machine Using ARM Processor ”, IJETT-International Journal of Engineering Trends and Technology, Vol. 8, Issue 5, ISSN: 2231-5381, Feb 2014				
9.	S.Gopinath, R.Suresh, T.Devika , N.Divya and N.SuthanthiraVanitha ,“Embedded Based Digital Energy Measurement for Improved Metering and Billing System”, IJIREEICE – International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 1, Issue 9,ISSN(online):2321-2004, 2013.				
Recent Publications (Conferences)					
1.	T.Devika ” Advance Technique For Wireless Oil Moisture Sensor Design Based Automatic Motor Pumping”, in International Conference on emerging engineering trends and science ICEETS 2016 at Latha Mathavan Engineering College,Madurai,29 th March 2016.				

2.	S.Gopinath and T.Devika , “Child Saver Robot For Child Trapped In Bore Well Using Embedded System”, in International Conference on MULTICON’15 at Muthayammal Engineering College,Namakkal,29 th and 30 th April 2015.
3.	S.IdrisSyedismail, E.ArunKailasam, S.Dhanapal, C.Karthik and T.Devika , “A Novel based on Soldier Tracking and Health Monitoring System Using Embedded Technology “in National conference on Recent Advances In Science ,Engineering And Technologies-RASET 2015 at Jay Shriram Group Of Institutions,Tirupur,23 March 2015

A7	Memberships in Professional Bodies
S.No.	Name of the Professional Body
	--

A8	Programs Organised
	--

A9	Consultancy Works
	--

A10	Highlights of Major Contributions
	--

A11	Training Programmes Attended
1.	Five Days Online Faculty Development Program on “ The Scope and impact of Open Source Technologies ” organized by Department of Computer Science and Engineering from 26.05.2020 to 30.05.2020.
2.	Five -day online certification skill development program on “ Digital System Design with Verilog and Vivado ” held from 11th May to 15th May 2020, Sandeepani School of Embedded System Design, Bangalore.
3.	Participated in the webinar “ Patent Filing and Prosecution ” by Dr.S.P.Subramaniyan, Deputy Controller of Patents and Designs, Indian Patent Office, Chennai on 23rd May 2020.
4.	Online Webinar organized by Atal Incubation Centre-Pondicherry Engineering College Foundation titled “ How to Conduct Online Class to Students ” followed by an online Examination conducted on 08-04-2020 and secured "A" Grade.
5.	One-day Workshop on “ Arduino ”, was organised by the Teaching Learning Centre, ICT at IIT Bombay, on 8 February 2020
6.	Two-week ISTE STTP on “ Electric Power System ” organised by Indian institute of technology kharagpur from 10.07.2017 to 15.07.2017.

7.	Seven-day Faculty Development Training Program on “ IT 6005 –Digital Image Processing ”, at Velalar college of Engineering and Technology, Erode during 15.06.2017 to 21.06.2017.
8.	One-day Seminar on “ Design and Integration of sustainable energy Systems ”, Organised by The IET, Chennai local network at KIOT-Salem on 18.02.2017
9.	Four-day Faculty Development Program on “ Analog,Power,Embedded Systems and Wireless(IOT) Hands on Workshop ” conducted jointly by texas instruments, Bangalore and STEPS Knowledge Services Pvt. Ltd., Coimbatore held during 24.10.2016 to 27.10.2016 at knowledge Institute of technology,Salem.
10.	Two-day Faculty Development Program on “ Medical Informatics Extraction using soft computing techniques ”, Organised by IEEE madras section at KIOT-Salem during 21.06.2016 to 22.10.2016.
11.	Two-day Faculty Development Program on “ Designing Of Embedded Linux Architectures Using Raspberry Pi ”Organised by Centre Of Excellence For Embedded Systems Design And Development in association with ABE Semiconductors, Chennai from 20.05.2016 to 21.05.2016.
12.	Five-day workshop on Mission 10X - UTLP Expert Level Workshop organised by Knowledge Institute of Technology, Salem in association with Wipro Technologies, Bangalore from 14.12.2015 to 18.12.2015
13.	Four-day Faculty Development Program on Advanced Architecture Design in Embedded Systems organised by Centre Of Excellence For Embedded Systems Design And Development in association with ABE Semiconductors, Chennai from 03.11.2015 to 06.11.2015
14.	Two week ISTE STTP workshop on Environmental Studies conducted by Indian Institute of Technology, Bombay from 02.06.2015 to 12.05.2015
15.	Two week ISTE workshop on Control Systems conducted by Indian Institute of Technology, Kharagpur from 02.12.2014 to 12.12.2014
16.	Three-day workshop on Mission 10X Engineering Faculty Workshop organised by Knowledge Institute of Technology, Salem in association with Wipro Technologies, Bangalore from 17.11.2014 to 19.11.2014
17.	One day Guest Lecture on Applications Of Advanced Imaging Software-Aphelion Dev organised by Department of Electronics and communication Engineering at Knowledge Institute Of Technology, Salem on 06.11.2014.
18.	Two-day National Level Workshop on Intelligent Simulation in Power System using ETAP organised by AMBER’Z & i-SEAL Club in association with power projects on 05.09.2014& 06.09.2014.
19.	Two week ISTE Workshop on Signals and Systems conducted by Indian Institute of Technology, Kharagpur on 02.01.2014 to 12.01.2014
20.	Two-day National Level Workshop on Emerging Trends in Embedded Systems and its applications organised by Embedded club in association with Electro Systems Associates ,Bangalore on 12.11.2013 and 13.11.2013.

21.	Two-day National seminar on Intellectual Key For Engineering Appliances Using Embedded Systems organised by Department of Electronics and communication Engineering at Knowledge Institute of Technology, Salem on 25 & 26 th October, 2013.
22.	Twelve-day Faculty Development Programme on Advances In Medical Imaging Using Computational Intelligence organised by Department of Electronics and communication Engineering at Knowledge Institute of Technology, Salem, during 26 th august, 2013 to 7 th September, 2013
23.	Two week ISTE workshop on Analog Electronics conducted by Indian Institute of Technology, Kharagpur from 4 th to 14 th June, 2013.
24.	Ten-day AICTE sponsored Faculty Development Programme on Research And Reconfigurable Embedded System For Medical Science organised by Department Of Electrical and Electronics Engineering, KSR Institute for engineering and technology, Tiruchengode from 06.05.2013 to 16.05.2013.

A12	Special Lectures Presented
	--

A13	Achievements
	--

A14	Books Published
	--

A15	Special Lectures Presented
	--

A16	Role & Responsibilities
1.	Department Exam cell Incharge (From 2014 to 2018)
2.	Department Assistant Women Empowerment cell Incharge
3.	Department Library Incharge (From 2014 to 2018)
4.	Department FAA club Coordinator (From 2014 to 2018)
5.	Physical Lab Incharge: Electronics Lab (From 2014 to 2018)
6.	Assistant Class Advisor : II-B section

A17	Awards
1.	Received Achievers Award 2014-2015 for guiding the students project at knowledge Institute of technology
2.	Received Academic Excellence for achieving 100% result in I semester of the academic year 2013-2014
3.	Received Academic Excellence for achieving 100% result in IV semester of the academic year 2014-2015

A18	Books Published
--	

A19	Foreign Countries/ Universities Visited
--	