A1	Personal Details

Mr.M.Chandraman, B.E., M.E.,

Assistant Professor

Department of Electronics and Communication Engineering

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

Ph: 9790464079, Ext:+ 91 - 04272433960

Email id: mcece@kiot.ac.in

A2	Areas of Interest	Embedded System, Robotics and Artificial Intelligence

A3	Subjects Taught	
UG		**PG**
Microprocessor and Microcontroller		Signal Integrity for High Speed Devices
Microcontroller and RISC Architecture		Physical Design of VLSI Circuits
Advanced Microprocessor		
Embedded and Real Time Systems		
Computer Networks		
Satellite Communication		
Robotics and Automation		
Principles of Management		
Environmental Science and Engineering		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Applied Electronics	K.S.Rangasamy college of Technology, Thiruchengode	Anna University, Coimbatore	May - 2011
B.E.	Electronics and Communication Engineering	Mahendra Engineering College, Namakkal	Anna University, Chennai	May - 2009

A5	Work Experience as on Feb 2019			
Name of the Institution	**Position**		**From**	**To**
Knowledge Institute of Technology, Salem	Assistant Professor		June 2011	Present

Total Experience	11.5 Years	**Teaching**	11.5 Years	**Research**	-	**Administration**	-

A6	Research Publications				
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	4	2	9	5	20

Publications (Journals)

S.No	Authors	Tile of the Article	Name of the Journal	Year, Vol. , No. pages
1	M.Chandraman & K.Amudha	Remote Control Techniques Employed In Home Automation And Security Systems	International Journal Of Electronics & Telecommunication And Instrumentation Engineering	July 2010 – September 2010, Issn 0974- 4975, Pp[01-06]
2	M.Chandraman, P.Krishna Kumar ,R.Rasu	Security For Atm Terminal Using Various Recognition Systems	International Journal Of Engineering And Innovative Technology (Ijeit)	Issn: 2277-3754 Iso 9001:2008 , Volume 2, Issue 4, October 2012, Pg:222-225
3	M.Chandraman, 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 3(02) Feb 2014, Issn 2321-2543,Pg 269-272
4	M.Chandraman, K.P.Jayendiraboopathi	Design Of Fine Grain Recovery Boosting Sram Array For Energy Efficient System	International Conference On Competency Building Strategies In Business And Technology For Sustainable Development	25-Feb-14

5	M.Chandraman & K.Amudha	Development Of Remote Control Techniques Employed In Home Automation And Security Systems	Second National Level Conference On System Design And Information Processing	2011, Pg:48-54
6	M.Chandraman, Sriharikrushnen, P.Sivan, S.Dineshkumar, L.Prakashkumar	Mobicast Routing Protocol For Underwater Sensor Networks	National Conference On Advances In Computing Technologies	2014, Pg:22
7	P.Nethaji M.Chandraman M.Dinesh Kumar	Protection Of Foods From Microbes	National Conference On Innovative Research In Biotechnology And Engineering For Public Health	(IRBEP 2016)
8	M.Chandraman, Sivanatham.K, S.Karthik, S.Kiruthika,	Bus Identification System For Vision Impaired	National Conference On Emerging Trends In Electronics And Communication Engineering	2013
9	M.Chandraman, N.Nithya	An Efficient Implementation Of Built In Self Diagnosis For Low Power Test Pattern Generator		2015
10	M.Chandraman, Rajganesh.K Vinitha.B	Home Security System For Controlling Theft Using Android Adk	National Conference On Recent Trends In Information, Communication And Power Systems	2015
11	M.Chandraman Shanmugapriya Vennila, Tamizharasi	Atm Security System Using On Time Password	National Conference On Communication Electrical & Electronic System	2016

12	M.Chandraman N.C.Saranya Tamilmani, K.Divya, Vinayakamurhy	Automated Error Detection In Power Loom	National Conference On Recent Trends In Communication & Information Technology	2016

A7	Research Grants / Projects Received
1.	Guided Student projects and received cash prizes from TamilNadu State Council for Science and Technology in Student Project scheme during Academic Year 2016-2017.
2.	Guided Student projects and received cash prizes from TamilNadu State Council for Science and Technology in Student Project scheme during Academic Year 2018-2019.

A10	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Life member of Indian Society for Technical Education (ISTE) (No : LM107405)

A11	Programs Organised
1.	Organized Guest Lecture on "LabVIEW and its Applications" in VIDART Club
2.	Conducted Hands on Training on "Modular Programming Tools in LabVIEW" in VIDART Club
3.	Conducted Hands on Training on "Repetition, Loops and Arrays in LabVIEW" in VIDART Club
4.	Conducted Hands on Training on "DAQ Assistant,Channel and Task configuration & Data Acquisition Application" in VIDART Club
5.	Conducted Hands on Training on "IMAQ Vision- Vision Basics Image processing & Analysis" in VIDART Club
6.	Conducted Hands on Training on "Clusters, Structures in LabVIEW" in VIDART Club
7.	Conducted Hands on Training on "Strings and File I/O" in VIDART Club
8.	Conducted Hands on Training on "Waveform Generation in Analog & Digital" Conducted Hands on Training on

A13	Highlights of Major Contributions
1.	Involved in writing proposal for seminar from AICTE for conducting National level Seminar.
2.	Guided Student projects and received cash prizes from Texas Instruments and other Project Competitions.

3.	Coordinated and Organized various programs in VIDART Technical club.
4.	Coordinated and Organized various programs for UG students.

A14	Training Programmes Attended
1.	One week Didactic Workshop on **"Electronics System Design, Manufacturing and Testing"** organized by the Department of Electronics and Instrumentation Engineering at BMS College of Engineering, Bangalore in association with Entuple Technologies during 27th - 31st July 2015.
2.	Three days Faculty Development Programme on **""** organized by the Department of MBA at American University of India, Kodaikanal during 20th – 22nd May 2015.
3.	Five days Workshop on **"Mission10X – UTLP Expert"** conducted by Wipro Technologies, Bangalore during 19th – 23rd January 2015.
4.	Two Week ISTE Workshop on **"Control Systems"** conducted by Indian Institute of Technology, Kharagpur at Knowledge Institute of Technology, Salem during 2nd – 12th December 2014.
5.	Two day ISTE e-seminar on **"Steps 2 Research"** organized by Department of Computer Science, Department of Computer Applications, Amal Jyothi College of Engineering, Kanjirappally in association with ISTE Kerala Section and CSI Cochin Chapter during 19th – 20th September 2014.
6.	Two Week ISTE Workshop on **"Signals and Systems"** conducted by Indian Institute of Technology, Kharagpur at Knowledge Institute of Technology, Salem during 2nd – 12th January 2014.
7.	Three days Faculty Development program on **"Teaching and Learning"** conducted at Knowledge Institute of Technology in association with Wipro Technologies, Bangalore during 23rd – 25th September 2013.
8.	Ten Days STTP on "Environmental Studies" conducted by Indian Institute of Technology, Kharagpur from 02.06.15 to 12.06.15 at Knowledge Institute of Technology, Salem.
9.	One Week FDP on "Principles of DSP" Organized by AICTE, conducted by KPR Institute of Engineering Technology from 13 to 19.06.2015.
10.	Two Week ISTE Workshop on **"Analog Electronics"** conducted by Indian Institute of Technology, Kharagpur at Knowledge Institute of Technology, Salem during 4th – 14th June 2013.
11.	One Day Seminar on "Green Building Technology" Organized by IE(I), conducted by Thiagarajar Polytechnic College, Salem.
12.	Two day ISTE Workshop on **"Aakash for Education"** conducted by Indian Institute of Technology, Kharagpur at Knowledge Institute of Technology, Salem during 10th – 11th November 2012.

13.	One Week FDP on "**Introduction to Industrial Automation using SIEMENS PLC & SCADA**" from 08.12.15 to 12.12.15, conducted by Knowledge Institute of Technology, Salem.
14.	One Day Seminar on "**LabVIEW and Data Auquisition**" Organized by National Instruments.
15.	One Week FDP on "**People Empowering People- Level 2**" conducted by JCI.

A16	Awards
1.	Received achiever award (2017) from college for Mentoring students Projects and won Prizes at various events.
2.	Received achiever award (2018) from college for Mentoring students Projects and won Prizes at various events.