

Name	T.MARTHANDAN		
Department	ECE		
Qualification	B.E., M.E.,		
Area of Specialization	COMMUNICATION SYSTEMS		
Date of Joining (KSR IET)	01-06-2015		
Experience (as on 01.06.2020)	Teaching: 8.5 Years	Industry:-	Others: -
Number of Papers Published	National Journals: NIL International Journals:-01		
Number of Papers Presented	National Conferences:02International Conferences: 01		
Books Published	National Publisher: -International publisher:-Nil		
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Publications (International Journals)

1. “Border Alert System using Smart Boat to Safeguard the Fisherman”, **International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE)** Vol. No:4, Issue:4, Year: April,2018

Publications (National Journals) Nil

Publications (International Conferences)

1. “Intelligence Surveillance System Using MSP 430”,**International Conference on Recent Trends in Engineering and Technology (ICRTET 2k17)**ECE/ KSR Institute for Engineering and Technology on 17.03.17

Publications (National Conferences)

1. “Patch Antenna Array for Medical Application Using ADS”,**National Conference On Communication Computing and Networks**, ECE/Bannari Institute of

- Technology, Sathyamangalam on 23.2.2017, 24.2.2017
2. “Vehicle Air pollution Monitoring and Locking System with tracking” **National Conference On Communication Computing and Networks, ECE/Bannari Institute of Technology, Sathyamangalam on feb 2020**

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	FDTP on “EC6602 – Antenna And Wave Propagation”	ANNA UNIVERSITY	Sanctioned (Self – Supported)	Co Coordinator

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Implant training in BSNL	Implant training	BSNL, Pudukottai	2008-09
2.	Development of Web application on Dot Net platform	FDP	ICT academy	2014-15
3.	Two day workshop on Antenna Design using CEM tool	Workshop	Anna University, Coimbatore	2015-16
4.	Network security	Workshop	KSRIET	2015-16
5.	Effective public Speaking	Workshop	JCI, Erode	2017-18
6	Anna University sponsored FDTP on “EC6602 – Antenna and Wave Propagation”	FDP	Anna University & KSRIET	2017-18
7.	Wireless Communication Tech Day	Seminar	Rohde Schwartz, Bangalore	2017-18
8.	Guest Lecture on “Antenna and Wave propagation”	Guest Lecture	KSRIET	2018-19

9.	Instructional and Assessment Characteristics of OBE Framework and Hands on Practices for Designing and Mapping Outcomes	Workshop	KSRIET	2019-20
10.	Cyber security AND Ethical Hacking	Seminar	KSRIET	2019-20

Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Role
	From	To		
1.	22.09.16	23.09.16	Two Days Workshop on Network Security	Co Coordinator
2.	27.11.17	03.12.17	Faculty Development Training Programme on “EC6602 – Antenna and Wave Propagation”	Co Coordinator and Resource person
3.	22-03-2018	23-03-2018	Guest Lecture on “Antenna and Wave propagation”	Co Coordinator and Resource person

GUEST LECTURES DELIVERED

S. No	Title of the Programme	Place	Date
1	Faculty Development Training Programme on “EC6602 – Antenna and Wave Propagation”	KSR Institute for Engineering and Technology	27.11.17 to 03.12.17

OTHER EDUCATIONAL QUALIFICATIONS :

M.B.A in Human Resource Management in Alagappa University in Distance Education with FIRST CLASS.

Training Offered

1. Two Days Workshop on Network Security from 22.09.16 to 23.09.16

Membership in Professional Bodies: Nil

AWARDS WON

S. No	Name of the Award	Academic Year
1.	Got “Prime Minister’s Merit Scholarship for Wards of Ex-servicemen “during engineering 4 years	2006-2010
2.	One of the best Outgoing Student of the School during Higher Secondary.	2005-2006

Subject Links

1. Wireless communication
 - [Characteristics of Wireless channel](#)
 - [Cellular Concepts](#)
 - [Cellular Diversity and Equalization](#)
 - [MIMO systems](#)
2. Optical communication
 - [Introduction to optical fibers and losses](#)
 - [Fiber optics sources and couplers](#)
 - [Optical receivers and measurements](#)
 - [Recent Trends in Optical Communication](#)
3. Transmission lines ,Waveguides and RF system
 - [Transmission line theory and High frequency lines](#)
 - [Impedance matching and smith chart problems](#)
 - [Wave guides and RF systems](#)
4. Transmission lines ,Waveguides and RF system
 - [FUNDAMENTALS OF RADIATION,SLOT And APERTURE ANTENNAS](#)
 - [ANTENNA ARRAYS AND SPECIAL ANTENNAS](#)
 - [PROPAGATION OF RADIO WAVES](#)