

FACULTY PROFILE

Name : **S.RAJAGOPAL**
Designation : Assistant Professor(Sr.Grade)
Department : Information Technology
Address for Communication : National Engineering College,
K.R.Nagar,
Kovilpatti-628503
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1. Personal Details

Date of Birth & Age : 01-12-1985 & 31
Sex & Marital Status : Male & Married
Nationality : Indian

Qualification : M.E.,

Degree	Programme and Specialization	Class /CGPA	Month & Year of Passing	Institute/University
B.E.	Electronics and Communication Engineering	First Class	April 2007	P.S.R. Engg College, Sivakasi
M.E	Computer and Communication	First Class	Dec 2011	National Engineering College, Kovilpatti
Ph.D	Information and Communication Engineering	-	Pursuing	Anna University

Date of joining : 03-06-2009
Present status : Assistant Professor

Professional Experience

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti	03-06-2009 to 14.07.2015	Teaching
Assistant Professor (SG)	National Engineering College, Kovilpatti	15.07.2015 On wards	Teaching

Courses taught:

Course Title	U.G. or P.G.
1. Digital Signal Processing 2. Database Management Systems 3. Cryptography and Network Security 4. Information Security 5. Mobile Communication 6. Fundamentals of Computing and Programming	U.G

7. M-Commerce 8. Computer Architecture 9. Digital System Design 10. Multimedia Systems 11. Internet of Things	
1. Modern Digital Communication Techniques 2. Advanced Digital Signal Processing 3. High Performance Computer Networks 4. Computer Architecture and Parallel Processing	P.G

2. Academic Achievements

2.1 Short term Courses / Seminars / Conference/ Workshops organised:

S.No	Title	Period	No. of Participant	venue
1	TECHNICAL PAPER WRITING USING LATEX	30.11.2012	30	National Engineering College, Kovilpatti

2.2 Short term Courses / Seminars / Conference/ Workshops Attended :

S.No	Title	Period	venue
1.	Workshop on J2EE and Websphere Application Developer	25.09.2009 & 26.09.2009	National Engineering College, Kovilpatti.
2.	Workshop on Ubiquitous Computing	29.01.2010 & 30.01.2010	C-DAC, Chennai
3.	Faculty Updation Training on Linux Driver Development	17.05.2010 to 28.05.2010	C-DAC, Hyderabad
4.	Workshop on Various Network Simulation Tools	22.10.2010 and 23.10.2010	CSI College of Engineering, Ketti.
5.	Workshop on Digital Image Processing Using MATLAB	11.02.2011 and 12.02.2011	National Engineering College, Kovilpatti.
6.	Workshop on Methodologies for Research & Innovations	18.03.2011	National Engineering College, Kovilpatti.
7.	Workshop on RAD	22.09.2011 to 26.09.2011	National Engineering College, Kovilpatti.
8.	Faculty Development Program on Information Storage and Management	16.01.2012 to 20.01.2012	MSRIT, Bangalore.
9.	Workshop on Image Processing Using MATLAB by ITIE Knowledge Solutions, Bangalore.	19.10.2012 and 20.10.2012	National Engineering College, Kovilpatti.

10.	Workshop on Technical Paper Writing Using Latex	5.10.2012	Anna University Regional Centre – Coimbatore
11.	Workshop on Smart Ph.D Planning	11.8.2012	National Engineering College, Kovilpatti
12.	Workshop on Image and Video Processing	1.03.2013 and 2.3.2013	Anna University Regional Centre – Coimbatore
13.	Teaching methodology Faculty development Programme	9.3.2013 & 10.3.2013	National Engineering college, Kovilpatti
14.	Seminar on Advancements in Image Processing towards Research	16.03.2013	National Engineering College, Kovilpatti.
15.	Workshop on Emerging Trends in Multimedia Application	28-10-2013 To 29-10-2013	Anna University Regional Centre, Coimbatore
16.	Faculty Enable Management Programme on FP Training Tools & Teaching Methodologies	3-2-2014 To 7-2-2014	M.Kumarasamy College of Engineering, Karur
17.	Seminar on SCADA and its Recent Trends	18-04-2014	National Engineering College, Kovilpatti
18.	Workshop Organized by NBA	7-6-2014	National Engineering College, Kovilpatti
19.	FDP on Service Oriented Architecture	09-06-2014 to 15.06.2014	National Engineering College, Kovilpatti
20.	Workshop on Video Analytics	10.10.2014 To 11.10.2014	MIT, Chennai.
21.	Seminar on DBT sponsored Research Approaches and Contemporary Issues of Functional Genomics, Proteomics & Micro array biological Modeling using machine learning in Bioinformatics Applications	13.11.2014 to 14.11.2014	National Engineering College, Kovilpatti.
22.	Workshop on Statistical Methods-Data Analytics for Researched	07.03.2015 To 08.03.2015	Hotel South Avenue, Tirunelveli.
23.	NPTEL Workshop	13.03.2015	National Engineering College, Kovilpatti.
24.	Technical Seminar on Video Analytics	18.09.15 & 19.09.15	MEPCO SCHLENK Engineering College, Sivakasi.

25.	Infosys -Train The Trainer on FA2-Database	2-11-15 to 4-11-15	National Engineering College, Kovilpatti.
26.	Workshop on Intellectual Property Rights & Innovations	7.11.2015	National Engineering College, Kovilpatti.
27.	Faculty Development Programme on Entrepreneurship	05.12.16 to 17.12.16	National Engineering College, Kovilpatti.
28.	Hands-on Training Programme on “Internet of Things (IoT) Using Raspberry Pi for Engineering Applications”	27.01.2017 & 28.01.2017	Thiagarajar College of Engineering, Madurai.
29.	Quality Improvement Programme on Technology Enabled Teaching Learning Process	27-05-2017 to 29-05-2017	National Engineering College, Kovilpatti.

3 Expert . Lecture Delivered :

<i>Sl.No</i>	<i>Title</i>	<i>Place</i>	<i>Programme</i>	<i>Date</i>
-	-	-	-	-

4 Publications

Journal publications

International Journals	:	05
International Conference	:	03
National Conference	:	05

I JOURNAL PUBLICATIONS

S. No	Title	Period	Journal Name
1.	A Survey of Video Encryption Algorithms Implemented In Various Stages of Compression	Vol. 2, Issue 2, Feb - 2013	International Journal of Engineering Research & Technology. ISSN: 2278 – 0181.
2.	Partial Video Encryption Using Random Permutation Based on Modification on DCT Based Transformation	Vol. 2, Issue 6, June - 2013	International Refereed Journal of Engineering and Science. ISSN: 2319 – 183X.
3.	Design of On The Fly Encryption Algorithm in Video Compression Standard	Vol. 2, Issue 7, April - 2014	International Journal of Communication and Computer Technologies. ISSN: 2278- 9723
4.	Design of real time video encryption system based on adaptive elastic motion model in H.264	vol. 13, pp. 7156-7170 (Annexure I), Impact Factor - 1.55. Oct-2016	Journal of Computational and Theoretical Nanoscience. E-ISSN: 1546-1963
5.	Optimal ECC based signcrypton algorithm for secured video compression process in H.264 encoder	Accepted for publication	International Journal of Biomedical Engineering and Technology. E-ISSN: 1752-6418

II INTERNATIONAL CONFERENCE PUBLICATIONS

Sno	Title of the paper	Date	Name of the conference	Venue
1.	Tracking Of Object in Real-Time Video Using Active Contour Methods	08-01-2014	International Conference ENIAC'14	National Engineering College, Kovilpatti

2.	Tunable Encryption Technique of Real Time Videos of CAVLC in H.264/AVC	08-01-2014	International Conference ENIAC'14	National Engineering College, Kovilpatti
3.	Image Hiding Technique Using Grey Prediction Model & Grey Relational Analysis	26-03-2015	Second International Conference on VLSI Computation, Networking, Drives, Image Processing & System Design	Sethu Institute of Technology, Madurai.

III NATIONAL CONFERENCE PUBLICATIONS

Sno	Title of the paper	Date	Name of the conference	Venue
1.	Adaptive Proxy Server Handoff for Multimedia Using anycast in Mobile Systems.	16.04.2009	National Conference on Microwave and Optical Communication	Alagappa Chettiar College of Engineering and Technology, Karaikudi.
2.	Analysis of Video Encryption Techniques	2.11.2012	National Conference on Modeling, Simulation and Optimization	VELS University, Chennai
3.	Fast Perceptual Video Encryption Using Random Permutation on Modified Co Efficient	8.03.2013	National Conference on Recent Advances in Communication Systems and Technologies	Francis Xavier Engineering College, Tirunelveli.
4.	Design of On The Fly Encryption Algorithm in H.264/AVC Video Compression Standard	05-04-2014	National Conference on Next Generation Technologies in Computing and Communication	PSNA College of Engineering & Technology, Dindigul
5.	Enhancing the Security in Image Transmission using Reversible color Transformation Techniques	06-03-2015 To 07-03-2015	National Conference on Frontiers in Applied Sciences & Computer Technology	NIT, Trichy