

FACULTY PROFILE

Name of the Staff : **Dr. S.RAJAGOPAL**
Official Address with E-mail Id : Assistant Professor(SG)/IT,
National Engineering College,
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Mobile Number : 9629668167

1. Personal Details

Age : 35
Date of Birth : 01-12-1985
Sex & Marital Status : Male & Married
Citizenship : Indian
Qualification : M.E., Ph. D.,

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		Jan 2019	Anna University

Date of joining : 03-06-2009
Present status : Assistant Professor (SG)
Professional Experience :

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti	03-06-2009 to	Teaching
Assistant Professor (Senior Grade)	National Engineering College, Kovilpatti	15.07.2016 onwards	Teaching

Courses taught:

Course Title	U.G. or P.G.
1. Digital Signal Processing 2. Digital System Design. 3. Database Management Systems 4. Cryptography and Network Security	U.G

5. Information Security. 6. Mobile Communication. 7. Environmental Science and Engineering . 8. Fundamentals of Computing and Programming. 9. M-Commerce. 10. Computer Architecture. 11. Multimedia Computing 12. Internet of Things 13. Information Storage and Management	
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.	Seminar on Advancements in Image Processing towards Research	16.03.2013	National Engineering College, Kovilpatti.
14.	Workshop on Emerging Trends in Multimedia Application	28-10-2013 To 29-10-2013	Anna University Regional Centre, Coimbatore
15.	Faculty Enable Management Programme on FP Training Tools & Teaching Methodologies	3-2-2014 To 7-2-2014	M.Kumarasamy College of Engineering, Karur
16.	Seminar on SCADA and its Recent Trends	18-04-2014	National Engineering College, Kovilpatti
17.	Workshop Organized by NBA	7-6-2014	National Engineering College, Kovilpatti
18.	FDP on Service Oriented Architecture	09-06-2014 to 15.06.2014	National Engineering College, Kovilpatti
19.	Workshop on Video Analytics	10.10.2014 To 11.10.2014	MIT, Chennai.

20.	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.
21.	ISTE Sponsored Seminar on Empowering Indian Education for Global Expectations	07.11.2014 & 08.11.2014	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	Video Analytics Workshop	18.08.2015 & 19.08.2015	MEPCO SCHLENK ENGINEERING COLLEGE, Sivakasi.
25.	One day Workshop on “INTELLECTUAL PROPERTY RIGHTS & INNOVATIONS”	07.11.2015	National Engineering College, Kovilpatti.
26.	DST and NSTEDB sponsored Two Weeks FDP on “Entrepreneurship”	05.12.2016 to 17.12.2016	EDC Cell, National Engineering College, Kovilpatti.
27.	MHRD , Quality Improvement Programme on “Technology Enabled Teaching Learning Process”	27.05.2017 to 29.05.2017	National Engineering College, Kovilpatti

28.	TEQIP-II Sponsored Two Days Hands-on Training Programme on “IoT Using Raspberry Pi for Engineering Applications”	27.01.2017 to 28.01.2017	Thiagarajar College of Engineering, Madurai.
29.	AICTE Sponsored two weeks FDP on “Data Science Research and Big data Analytics”	11.12.2017 to 23.12.2017	National Engineering College, Kovilpatti
30.	FDP on “Introduction to Python Programming”	01.08.2019 to 03.08.2019	Conducted by ICT Academy at National Engineering College, Kovilpatti
30.	One week FDP on “Database Management System through INFYTQ Platform”	03.08.2020 to 07.08.2020	Online, Conducted by Infosys.
31.	ATAL one Week online FDP on “Artificial Intelligence”	05.10.2020 to 09.10.2020	Indian Institute of Plantation Management , Bangalore.

Conferences

NATIONAL CONFERENCE PUBLICATIONS

1.	National Conference on Microwave and Optical Communication	16.04.2009	Adaptive Proxy Server Handoff for Multimedia Using anycast in Mobile Systems.	Alagappa Chettiar College of Engineering and Technology, Karaikudi.
2.	National Conference on Modeling, Simulation and Optimization	2.11.2012	Analysis of Video Encryption Techniques	VELS University, Chennai
3.	National Conference on Recent Advances in Communication Systems and Technologies	8.03.2013	Fast Perceptual Video Encryption Using Random Permutation on Modified Co0Efficients	Francis Xavier Engineering College, Tirunelveli.
4.	National Conference on Next Generation Technologies in Computing and Communication	05-04-2014	Design of On The Fly Encryption Algorithm in H.264/AVC Video Compression Standard	PSNA College of Engineering & Technology, Dindigul
5.	National Conference on Frontiers in Applied Sciences & Computer TEchnology	06-03-2015 To 07-03-2015	Enhancing the Secuirty in Image Transmission using Reversible color Transformation Techniques	NIT,Trichy

INTERNATIONAL CONFERENCE PUBLICATIONS

1.	International Conference ENIAC'14	08-01-2014	Tracking Of Object in Real-Time Video Using Active Contour Methods	National Engineering College, Kovilpatti
2.	International Conference ENIAC'14	08-01-2014	Tunable Encryption Technique of Real Time Videos of CAVLC in H.264/AVC	National Engineering College, Kovilpatti
3.	Second International Conference on VLSI Computation, Networking, Drives, Image Processing & System Design	26-03-2015	Image Hiding Technique Using Grey Prediction Model & Grey Relational Analysis	Sethu Institute of Technology, Madurai.
4.	International Conference on "Applied Soft Computing Techniques"	23.03.2018	IoT Based Incessant Surveillance System	Kalasalingam University, Srivilliputtur.
5.	International Conference on "Applied Soft Computing Techniques"	23.03.2018	Vehicle Monitoring System In Smart Cities	Kalasalingam University, Srivilliputtur.
6.	International Conference on Innovations in Engineering, Science and Technology.	12.03.2020	Imperceptible and Secure Blind Image Watermarking Using SS Scheme With Adaptive Embedding Strength	Kalasalingam University, Srivilliputtur.
7.	International E-Conference on Recent Advances in Computation, Communication, IoT and AI.	31.03.2021	Driver's Drowsiness Detection System	M.Kumarasamy College of Engineering , Karur.

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 1.76	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, No. 10, 2016.	Journal of Computational and Theoretical NanoScience , EISSN: 1546-1963
5.	Optimal ECC based Signcrypton algorithm for Secured Video Compression Process in H.264 encoder.	Vol. 32, No.1, 2020.	International Journal of Biomedical Engineering and Technology. ISSN online 1752-6426
6.	Automated Plant leaf disease detection and classification using Optimal Mobinet based convolutional neural networks	2021	Materials Today : Proceedings

