

International Conference on Communications and Cyber Physical Engineering (ICCCE – 2018)

**JANUARY 24-25, 2018**

*Schedule of Sessions*

**CMR Institute of Technology**

**Day-1**  
**January 24, 2018 (Wednesday)**

<b>Time</b>	<b>Event</b>
<b>08:45 AM - 09:45 AM</b>	<b>Arrival and Registration</b>
<b>09:45 AM - 10:30 AM</b>	<b>Inauguration</b> <b>Venue: CMRIT Auditorium</b>
<b>10:30 AM - 11:20 AM</b>	<b>Keynote Talk – 1</b> <b>Stefan Mozar, <i>IEEE Fellow</i></b>
<b>11:20 AM – 11:40 AM</b>	<b>Refreshment &amp; Tea</b>
<b>11:40 AM - 12:20 PM</b>	<b>Expert Talk-1</b> <b>Prof. S K Sinha</b> <i>IISC Bengaluru</i>
<b>12:20 PM - 01:00 PM</b>	<b>Expert Talk-2</b> <b>Dr. Anil K Roy</b> <i>DAIICT Gandhinagar</i>
<b>01:00PM - 02:00PM</b>	<b>Lunch</b>

## SESSION – I

Venue: Seminar Hall 1 (CMRIT Auditorium)

Session Chair – Prof. Y Vijayalata

Time: 02:00 PM – 04:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	4	Moving object recognition and detection using background subtraction	Loveleen Kaur Lovely Professional University
2	128	Computer Vision Model for Traffic Sign Recognition and Detection - a Survey	Ogirala Sai Sri Venkata Sindhu Vignan University
3	107	A Novel Telugu Script Recognition and Retrieval Approach Based on Hash Coded Hamming	K.Mohana Lakshmi CMR Tchnical Campus,Ece Dept
4	38	Vehicle Detection and Categorizing for toll charging system based on TESSERACT OCR using IoT	A Vijaya Krishna VIT University, Vellore
5	84	Two Level Intrusion Detection System Using Machine Learning	Vetriselvi V. Anna University
6	40	Transmission spectrum of a typical waveguide in Photonic Crystal with Tunable Width: Simulation and Analysis	Alok Kumar Jha Amrita Vishwa Vidyapeetham
7	71	Railway Crossing Gates Automation Using Labview	N Nagaraju Assistant Professor
8	73	RF Energy Harvesting Using Single Band Cuff Button Rectenna	Sreelakshmy R Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
9	74	Hexagonal Intersection Based Inner Search To Accelerate Motion Estimation	Palaniraj P
10	43	Minimization of the size of antipodal Vivaldi antenna for WIMAX and WLAN application	Sneha Tiwari BIT MESRA
11	137	Probabilistic Based Rate Allocation flow Control Technique for the Traffic Governance in Wireless Sensor Networks	Sudha Arvind CMRTC
12	28	Optimized five-layer model with rainfall effects for wireless propagation in forest	Mohammed Saleh H. Al Salameh American University of Medaba, Jordan

## SESSION – II

Venue: Seminar Hall 2(CMRIT Auditorium)

Session Chair – Prof. Shahu Chatrapathi

Time: 02:00 PM – 04:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	70	GDLB: Global Dispatcher Load Balancing approach for Web Server Cluster	Kadiyala Ramana SRM University
2	122	Association Rule Mining Using Un-Supervised Neural Network with Optimized Genetic Algorithm	Peddi Kishor Research Scholar, R&D Cell, Jntuh Hyderabad
3	5	Fog Computing: Overview, Architecture, Security issues and Applications	Mounika Rayaprolu
4	69	A New Approach for Securing the Online Transactions - Smart Wallet	K.L.Anusha Assistant Professor
5	27	SVM- A way to measure the trust ability of a cloud service based on Rank	Sharmistha Dey APJ Abdul Kalam University of Technology(AKTU)
6	110	A Clustering Method Based On Centrality Metrics For Social Network Analysis	Dr.Arvind Siddapuram CMRIT
7	117	Survey on Security in Autonomous Cars	K.V.HARISH Dept. of Computer Science and Engineering, SRM University, Chennai
8	63	A Novel Method For The Design Of High-Order Discontinuous Systems	K Tejeswara Rao Asst Professor
9	119	Review of Wireless Body Area network	MANICKAVASAGAM School of Computing, SRM University, Tamil Nadu
10	45	Miniaturised MIMO wideband antenna with L-shaped DGS for wireless communication	Trisha Ghosh Birla Institute of Technology Mesra
11	53	Estimation of Success Probability in Cognitive Radio Networks	Chilakala Sudhamani CMR Technical Campus
12	80	Issues in Wireless Sensor Networks with an emphasis on Security	Kartik Sharma UIET, Kurukshetra University

## SESSION – III

Venue: Computer Lab1 (CMRIT Auditorium)

Session Chair – Maruthi Pathipati

Time: 02:00 PM – 04:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	88	Modelling and mitigation of Open Challenges in Cognitive Radio Network using Game Theory	Poonam Assistant professor
2	81	Evaluation of Selected Tree and Mesh based Routing Protocols	T.Harikrishna Rayalaseema university
3	119	Review of Wireless Body Area network	MANICKAVASAGAM School of Computing, SRM University, Tamil Nadu
4	45	Miniaturised MIMO wideband antenna with L-shaped DGS for wireless communication	Trisha Ghosh Birla Institute of Technology Mesra
5	53	Estimation of Success Probability in Cognitive Radio Networks	Chilakala Sudhamani CMR Technical Campus
6	136	Ensemble Based Hybrid Approach For Breast Cancer Data	Dr.G.Naga Rama Devi Professor-Dept of CSE, CMRIT, Hyderabad
7	78	Analysis on E-Recruitment System & Detecting E-Recruitment Frauds	M. Niharika Reddy JNTU Hyderabad
8	115	A New Surgical Robotic System Model For Neuro-Endoscopic Surgery	Velappa Ganapathy Professor, School of Computing, SRM University, Kancheepuram-603203, Tamil Nadu
9	139	Amended Probabilistic Roadmaps (A-Prm) For Robotic Surgery Trajectory Planning	Priyanka Sudhakara SRM University
10	42	An Anamnesis On Internet Of Nano Things (IoNT) For Bio-Medical Applications	AMRUTA PATTARVTU
11	77	Design Low Power Full Adder with Two Transistor EX-OR Gate Using Gate Diffusion Input In 90nm	J NAGESWARA REDDY CMR College of Engineering & Technology
12	32	Error Assessment of Fundamental Matrix Parameters	Bankim Chandra Yadav Indian Institute of Technology Roorkee

## SESSION – IV

Venue: Computer Lab2 (CMRIT Auditorium)

Session Chair – Prof. Atul Negi

Time: 02:00 PM – 04:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	126	An optimal heuristic for student failure detection and diagnosis in Sathvahana educational society using WEKA	P.Vasanth Sena Research Scholar of JNTUH, Hyderabad, India
2	112	Future Scope of Internet of Things	Chander, UIET
3	115	A New Surgical Robotic System Model For Neuro-Endoscopic Surgery	Velappa Ganapathy Professor, School of Computing, SRM University, Kancheepuram-603203, Tamil Nadu
4	139	Amended Probabilistic Roadmaps (A-Prm) For Robotic Surgery Trajectory Planning	Priyanka Sudhakara SRM University
5	42	An Anamnesis On Internet Of Nano Things (IoNT) For Bio-Medical Applications	AMRUTA PATTARVTU
6	126	An optimal heuristic for student failure detection and diagnosis in Sathvahana educational society using WEKA	P.Vasanth Sena Research Scholar of JNTUH, Hyderabad, India
7	33	Two Band-Convolutional Neural Network For Satellite Image Classification	ANJU UNNIKRISHNAN School of Engineering,Coimbatore,Amrita Vishwa Vidyapeetham,Amrita University,India
8	35	Dimensionally Reduced Features For Hyperspectral Image Classification Using Deep Learning	K S CHARMISHA Center for Computational Engineering and Networking, Amrita University, Coimbatore, India
9	49	Statistical Metric Measurement Approach for Haze images	T Sai Kumar CMR Technical Campus
10	132	Colour–Texture Image Segmentation in view of Graph utilizing student dispersion	Viswas varma satya CMREC
11	34	Context Aware Guidance System Using Unscented Kalman Filter For Uwb Applications	B. Venkata Krishnaveni JNTUA
12	68	Bearing Fault Detection and Classification using ANC Based Filtered Vibration Signal	Sudarsan Sahoo School of Electronics Engineering, KIIT University

**Day-2**  
**January 25, 2018 (Thursday)**

TIME	EVENT
08:45 AM - 09:45 AM	Arrival and Registration
09:30 AM - 10:15 AM	Key Note Talk – 2 Narasimhan Venkatesh, <i>Senior Vice President</i> <i>Advanced Technologies - RedPine Signals</i>
10:15 AM - 10:30 AM	Tea Break
10:30 AM - 11:15 AM	Expert Talk – 3 MGPL Narayana <i>TATA Consultancy Services</i>

## SESSION – I

Venue: Seminar Hall 1(CMRIT Auditorium)

Session Chair – Prof. S K Sinha

Time: 11:20 AM – 01:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	109	Comparison Based Analysis of Different Authenticators	Kishore Kumar,Research Scholar, JJTU
2	140	Region based Semantic Image Clustering using Positive and Negative Examples	Morarjee Kolla, CMRIT
3	86	Design of a power efficient ALU using Reversible Logic Gates	B Abdul Raheem, AITS Rajampet
4	83	REDUCTION OF KICKBACK NOISE IN HIGH SPEED LOW POWER DOMINO LOGIC BASED CLOCKED REGENERATIVE COMPARATOR	N Bala Dastagiri, AITS Rajampet
5	85	Geometric Programming Based Automation of Floor Planning in ASIC Physical Design	N Bala Dastagiri, AITS Rajampet
6	18	Improve Target Detection in Doppler Tolerant Radar using Modified Hex Coding Technique	Majid Alotaibi
7	58	Road Accident Analysis	N Divya, CMRIT
8	133	A Novel Approach for Digital Online Payment System	Dr M.LAXMAIAH, CMR ENGINEERING COLLEGE
9	105	Emerging Trends in BigData Technologies-A Study	Dr.G.Naga RamaDevi CMR Institute of Technology, Medchal, Hyderabad
10	104	Quantitative evaluation of panorama softwares	Surendra Kumar Sharma IIT Roorkee



## SESSION – II

Venue: Seminar hall 2(CMRIT Auditorium)

Session Chair – Prof. Abdul Rahim

Time: 11:20 AM – 01:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	8	Proposal of Linear Specific Functions for R-L-C as Fundamental Elements in Terms of Considered Specific Electric Constants	Vineet Kumar Assist. Prof.
2	13	A Viewpoint: Discrimination between 2 Equivalent Statements of Kirchhoff's Current Law from the Ground of Precedenceness	Vineet Kumar Assist. Prof
3	142	A Novel Low Loss and Low Cost Solid State Circuit Breakers for Medium Voltage Applications	D S Sanjeev CMRCET
4	65	Efficient Integration of High-Order Models using FDTD-TDMA Method for Error Minimization	Gurjit Kaur, Mayank Dhamania, Pradeep Tomar and Prabhjot Singh
5	143	Multi-Criteria Decision Analysis for Identifying Potential Site for Future Urban Development in Haridwar, India	Anju Tiwari IIT Roorkee
6	90	On Control aspects of Quality of Service at Mobile Ad Hoc Networks	Siva Krishnaiah. C
7	25	Design of Smart Water-Saving Irrigation System in Agriculture Based on Wireless Sensor Network for Better Crop Yield	Supreetha M A UG Student, M S Ramaiah Institute of Technology, Bangalore, India
8	14	An DES Based Mechanism to Secure Personal Data on Internet of Things	Pragya, UIET
9	62	An Assessment on Niching Methods and Their Applications	Vivek, JMIT
10	52	Image enhancement for fingerprint Recognition Using Otsu's Method	PUJA S PRASAD

## SESSION – III

Venue: Lab1 (CMRIT Auditorium)

Session Chair –

Time: 11:20 AM – 01:00 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	75	A Comprehensive Study on 1 D 2D - Image Interpolation Techniques	Diana Earshia V, Research Scholar, Sathyabama Institute Of Science And Technology
2	100	Efficient Image Segmentation using Automatic Parameter Setting Model	Dr. D. BASWARAJ CMR Institute of Technology
3	99	IRIS RECOGNITION SYSTEM: A REVIEW	Puja S Prasad CMR Institute of Technology
4	118	IDENTIFICATION OF VEGETABLE PLANT SPECIES USING SUPPORT VECTOR MACHINE	K. Deeba SRM University
5	97	A Survey on Fingerprint Recognition System and Applications	Puja S Prasad, CMRIT Hyderabad
6	14	An DES Based Mechanism to Secure Personal Data on Internet of Things	Pragya UIET
7	62	An Assessment on Niching Methods and Their Applications	Vivek, JMIT
8	31	Text Message Classification using Supervised Machine Learning Algorithms	Suresh Merugu CMR College of Engineering & Technology
9	30	Leak Detection Methods - A Technical Review	R.Ramadevi Sathyabama University
10	44	Physical Layer Impairment (PLI) Aware Lightpath Selection in WDM/DWDM Network	Vikram Kumar NIT Rourkela

## SESSION – IV

Venue: Lab 2(CMRIT Auditorium)

Session Chair –

Time: 11:20 AM – 12:50 PM

S.NO	PAPER ID	PAPER TITLE	AUTHOR AFFILIATION
1	12	EFFICIENT VIDEO DELIVERY OVER SOFTWARE DEFINED NETWORK	R.Thenmozhi Ph.D. Research Scholar SRM University, Kattankulathur
2	37	Asymptotic Symbol Error Rate Analysis of Weibull/Shadowed Composite Fading Channel	Sanjay Kumar Soni G.B. Pant Institute of Engineering and Technology, Ghurdauri, Pauri
3	76	Reinforcement Learning Based DoS Mitigation in Software Defined Networks	A. Vishnu Priya Department of Electronics & Communication Engineering, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science And Technology, Chennai, India.
4	19	Enhance Packet Loss Calculation in Wireless Sensor Networks	Saud S. Alotaibi
5	15	Reputation based Mechanism to detect Selfish nodes in DTN.	Rakhi Sharma, JMIT
6	114	Impact of Node Mobility and Buffer space on Replication Based Routing Protocols in DTN	Atul Sharma, UIET
7	112	Future Scope of Internet of Things	Chander, UIET
8	52	Image enhancement for fingerprint Recognition Using Otsu's Method	Puja S Prasad, CMRIT Hyderabad
9	48	Enhanced Reputation based Data Forwarding Mechanism of VANET	Sonam Bhardwaj

<b>01:00 PM – 02:00 PM</b>	<b>Lunch</b>
<b>02:00 PM to 03:00 PM</b>	<b>Valedictory &amp; Cultural Program</b> Venue: CMRIT Auditorium