



Sardar Patel Institute of Technology
(An Autonomous Institute Affiliated to Mumbai University)
Munshi Nagar, Andheri (West), Mumbai-400058



**International Conference on Communication, Information and Computing Technology
(ICCICT-2018)
02-03rd February 2018**

Tentative Schedule	
DAY 1: 02/02/2018	
9.00 am to 10.00 am	Registration and Breakfast
10.00 am to 12.00 pm	Inauguration Keynote Talks
12.00 pm to 1.00 pm	Oral Presentations: Session:1A Session:1B
1.00 pm to 2.00 pm	Lunch
2.00 pm to 2.30 pm	Keynote Talks
2.30 pm to 5.00 pm	Oral Presentations: Session:2A Session:2B
DAY 2: 03/02/2018	
9.00 am to 10.00 am	Registration and Breakfast
10.00 am to 10.30 am	Keynote Talks
10.30 am to 12.00 pm	Oral Presentations: Session:3A
12.00 pm to 1.00 pm	Poster Session
1.00 pm to 2.00 pm	Lunch
2.00 pm to 5.00 pm	Invited Talks



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DAY 1: 02/02/2018			
Session:1A (Time: 12.00 pm to 1.00 pm) Venue: Room:105			
Paper-ID	Paper Title	Authors	Affiliation
76	Design and Optimization of Stepped Rectangular Antenna for RF Energy Harvesting	Mamta Kurvey and Ashwini Kunte	Thadomal Shahani Engineering College, Mumbai
78	Design of Wideband Monopole Square Microstrip Patch Antenna	Karishma Girase and Mandar Joshi	G.E.S.'s R. H. Sapat college of Engineering Management Studies and Research, Nashik
133	Design and Analysis of Multiband Defected ground plane MSA	Amit Deshmukh, Poonam Kadam, Akshay Doshi and Pritish Kamble	SVKM's DJSCE, Mumbai
1	Mutual Coupling Reduction in Patch Antenna Using Electromagnetic Band Gap (EBG) Structure for IoT Application	¹ Pramod Bhavarthe, ¹ Surendra Rathod ¹ and ² K T V Reddy	¹ Sardar Patel Institute of Technology, Mumbai ² Pranveer Singh Institute of Technology, Kanpur
Session:1B (Time: 12.00 pm to 1.00 pm) Venue: Room:008			
Paper-ID	Paper Title	Authors	Affiliation
4	Information Extraction from Wikipedia Articles Using Deepdive	Deepti Ameta and Pokhar Mal Jat	DA-IICT, Gandhinagar
58	Detection of Paraphrases for Devanagari Languages Using Support Vector Machine	Darshana Bhole and Sandip Patil	SSBT's College of Engineering & Technology, Bambhori, Jalgaon
65	Nepali News Classification using Naïve Bayes, Support Vector Machines and Neural Networks	Ashok Pant and Tej Bahadur Shahi	Tribhuvan University, Kathmandu, Nepal
92	Design of an Intelligent system for Autism	¹ Twinkle Rambhia, ² Madhuri Dhodi, ³ Vaibhavi Patel and ⁴ Dhananjay Kalbande	¹ Institutional shareholder services Mumbai ² San Diego State University, U.S.A. ³ SAP Labs India Ltd., Mumbai ⁴ Sardar Patel Institute of Technology Mumbai



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Session:2A (Time: 2.30 pm to 5.00 pm) Venue: Room:105

Paper-ID	Paper Title	Authors	Affiliation
79	Design of Wideband Printed Rectangular Monopole Patch Antenna With Band Notch	Purva Chopde and Mandar Joshi	G.E.S.'s R. H. Sapat College of Engineering Management Studies and Research, Nashik
83	Compact Dual-band Patch Antenna using Triangular Complimentary Split Ring resonators for WiMax/WLAN.	Bhavna Thakur and Ashwini Kunte	Thadomal Shahani Engineering College, Mumbai
134	Multiple Rectangular Slots Cut Rectangular Microstrip Antenna For Wide Band Response	Amit Deshmukh, Pritish Kamble, Akshay Doshi and Poonam Kadam	SVKM's DJSCE, Mumbai
135	Sectoral Patch Antenna Embedded with Arc Shape Slots and Slits For Circular Polarized Response	Amit Deshmukh, Akshay Doshi, Pritish Kamble and Poonam Kadam	SVKM's DJSCE, Mumbai
3	Design and Simulation of Four-Leg Based Three- Phase Four-Wire Shunt Active Power Filter	Akash Barva and Priyank Bhavsar	S.P.C.E., Visnagar, Gujarat
114	Comparison of improved converter topologies for high voltage gain	¹ Praful Nandankar, ² Akash Dasarwar and ² Ganesh Kachare	¹ Government College, Chandrapur ² Government Polytechnic, Gadchiroli ² Government Polytechnic, Gadchiroli
20	Real Time Control Of Induction Motor Using Neural Network	¹ Prashant Menghal and ² Jayalaxmi Askani	¹ Military College of Electronics & Mechanical Engineering, Secunderabad ² Jawaharlal Nehru Technological University, College of Engineering, Hyderabad
17	Remote Monitoring of Water Level in Industrial Storage Tanks Using NB-IoT	Sharath Anand and Riya Regi	CMR Institute of Technology, Bangalore
19	HYDROBOT: An Underwater Surveillance Swimming Robot	Mayur Sanap, Sheetal Chaudhari, Chaitali Vartak and Priya Deshpande	Sardar Patel Institute of Technology, Mumbai



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25	Implementation of MRI Gradient Generation System and Controller on Field Programmable Gate Array(FPGA)	Kumar Khandagle and Surendra Rathod	Sardar Patel Institute of Technology, Mumbai
54	A Portable and Low-cost 12-Lead ECG device for sustainable remote healthcare	Varad Choudhari, Vaishnav Dandge, Natasha Choudhary and Rajendra Sutar	Sardar Patel Institute of Technology, Mumbai
61	Numerical analysis of Atom-optics lithography for Aluminium deposition	Chinmay Upadhye	Sardar Patel Institute of Technology, Mumbai
Session:2B (Time: 2.30 pm to 5.00 pm) Venue: Room:008			
Paper-ID	Paper Title	Authors	Affiliation
148	A Simplified Approach to Assist Motor Neuron Disease Patients to Communicate through Video Oculography	Sudhir Rao Rupanagudi, Varsha G. Bhat, Ranjani B. S., Abhiram Srisai, Shreya K. Gurikar, Pranay M. R. and Chandana S	WorldServe Education Bengaluru
21	Diagnosis Prognosis and Prevention of Breast Cancer Based on Present Scenario of Human Life	Lydia D Isaac and Sureshkumar C	Sona College of Technology, Salem, Tamilnadu
146	Virtual Cells for Infrastructure-less MANETs	¹ Salman Al-Shehri, ¹ Pavel Loskot, ² Tolga Numanoglu and ² Mehmet Mert	¹ College of Engineering Swansea University Swansea, United Kingdom ² ASELSAN A.S. Communications and IT Division, Ankara, Turkey
62	Requirements Model for Adaptive Information System for Woman Health Monitoring System	Rasika Mallya and Snehalata Kothari	PAHER University, Udaipur
7	Power Optimization In Wireless Sensor Networks	¹ Archana Bomnale and ² Saurabh Malgaonkar	¹ Mukesh Patel School of Technology Management & Engineering, NMIMS University, Mumbai ² University of Otago, Dunedin, New Zealand



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46	Optimization of Physical Layer Performance of Wi-Max System with Low Density Parity Check Code	¹ Jagdish Kene, ² Kishor Kulat and ¹ Parag Jawarkar	¹ Shri. Ramdeobaba college of Engineering & Management. Nagpur ² V. N. I. T. Nagpur
90	Probabilistic Energy Efficient Routing Protocol for Wireless Sensor Networks	¹ Mansi Rajgor, ¹ Prasanna Shete and ² R. N. Awale	¹ K. J. Somaiya College of Engineering Mumbai ² V. J. Technological Institute Mumbai
103	Scalable High Resolution Panorama Composition on Data Wall System	Pritam Shete, Dinesh Sarode and Surojit Bose	Bhabha Atomic Research Centre, Mumbai
98	A Comprehensive Integration of National Identity with Blockchain Technology	Kumaresan Mudliar, Harshal Parekh and Prasenjit Bhavathankar	Saradar Patel Institute of Technology Mumbai

DAY 2: 03/02/2018

Session:3A (Time: 10.30 am to 12.00 pm) Venue: Room:008

Paper-ID	Paper Title	Authors	Affiliation
23	Comparative Study Of Different Image Reconstruction Methods	Ankit Dwivedi and Surendra Gupta	SGSITS Indore India
35	Classification of voice disorders using i-Vector Analysis	Kshipra Naikare, Jagannath Nirmal and Nikunj Lad	K.J.Somaiya College of Engineering, Vidyavihar, Mumbai
73	A comparative analysis of feature extraction techniques for face recognition	Saket Karve, Vasisht Shende and Rizwan Ahmed	V. J. Technological Institute Mumbai
124	Identification of Nerve in Ultrasound Images Using U-net Architecture	Akhilesh Kakade and Jaysidh Dumbali	Vellore Institute of Technology Vellore
137	A Hybrid Part-of-Speech Tagger for Marathi Sentences	Madhuri Deshpande and Sharad Gore	Savitribai Phule Pune University, Pune
140	Comparison of Key Transform Domain Watermarking Methods Based on Performance Measures	¹ Swapnil D. Daphal, ¹ Prashant K. Aher, ² Shailesh B. Galandey and ³ Sonal K. Jagtap	¹ MIT Academy of Engineering, Pune ² PGM College of Engineering, Pune ³ Smt. Kashibai Navale College of Engineering, Pune