



# AICON



## TENTATIVE LIST OF SELECTED PAPERS FOR AICON-

12

### **CHHATRAPATI SHIVAJI INSTITUTE OF TECHNOLOGY**

### **AICON – 12 (All India Conference)**

### **LIST OF PAPER SELECTED : EEE, E& I, ECE**

<b>Paper ID</b>	<b>Paper Title &amp; Author's Name</b>	<b>Affiliation</b>
ECEA1201	Design of OTA Based Chebyshev 5th Order Low Pass Filter <b>Neeraj Shrivastava Gaurav Bhargava D.S. Ajnar Pramod Kumar Jain</b>	SGSITS, Indore, MP, India
EEEA1202	Initiative of govt of Rajasthan for promoting renewable energy power generation to reduce the environmental pollution <b>Pradeep Singh Abhishek Jain</b>	SKIT Jaipur RIET Jaipur
EIA1203	The Development Of The Navigation System For Visually Impaired Persons <b>Somnath Koley Ravi Mishra Sr. Lecturer</b>	SSCET, Bhilai, India SSCET, Bhilai, India
ECEA1204	An Adaptive Neuro-Fuzzy System for Automatic Image Segmentation and Edge Detection <b>C.L Chandraker Shweta Lawanya Rao</b>	SSCET, Bhilai
ECEA1205	Different Methods For Video Shot Boundary Detection – Comparison <b>Ravi Mishra P. Swati Sowjanya</b>	SSCET, Bhilai
EIA1206	Wavelet: A Technique For Analysis Of ECG <b>Sagar Singh Rathore Naveen Devangan</b>	BIT, DURG BIT, DURG
EEEA1207	Effects of harmonics on power quality in VFD <b>Uma P Balaraju Prashant D More</b>	Veermata Jijabai Technological Institute Mumbai, India
EIA1208	Automation of Railway Crossing	Bhilai Institute of Technology

	<b>Atul Kumar Dewangan</b>	Bhilai House, Durg, C.G.
ECEA1209	Comparison of Turbo and Concatenated Turbo Reed – Solomon code over LDPC codes for the reduction of PAPR in a MIMO-OFDM system <b>K.Anitha</b> <b>Jenifer</b> <b>J.</b>	Arunai Engineering College, Tiruvannamalai, Tamilnadu, India
ECEA1210	An Implementation Of Adaptive Filter -Robust To Impulsive Noise <b>P. Surekha</b>	Shri Vishnu Engineering College for Women, Bhimavaram, (A.P.)
EIA1211	Problems in Wireless Ad-hoc Sensor Networks <b>Mr. Pradeep Kumar Jaisal</b>	SSIPMT, Raipur (C.G), INDIA
EEEEA1212	Recent trend in power generation without pollution <b>Sriniwas Arun Tej</b> <b>Puripanda</b>	SRM University Kanchipuram T N
EIA1213	Securing Key Distribution With Quantum Cryptography <b>Mrs. Pranali Ravikant Hatwar</b> <b>Mr. Sanat Sahu</b> <b>Mrs. Meenal Yadav</b>	Kalyan PG College, Sector-7, Bhilai
EEEEA1214	Simulation and design of active front end converter <b>Utkarsha Seetha</b> <b>K C Dave</b>	HCL Infosystems Ltd Ahemdabad
ECEA1215	A New Adaptive Dynamic Cognitive Radio Communication For OFDM <b>G.Karthikeyan</b> <b>K. Anitha</b>	Arunai Engineering College, Tiruvannamalai, Tamilnadu, India
EIA1216	Smart Sensor Networks: Technologies And Applications For Green Growth <b>Geeteshwari Verma</b>	Kalyan PG College, Sector-7, Bhilai
EIA1217	Carbon Capture And Storage <b>Ms. Roma Singhal</b>	CSIT, DURG
EIA1218	Identification of Cardiac Arrhythmias using ECG <b>Pooja Sharma</b> <b>Ms. Lakhwinder Kaur</b>	RCET, Bhilai
ECEA1219	Surface Defects Detection for Ceramic Tiles Using Image Processing and Morphological Techniques <b>C.L Chandraker</b> <b>Rashmi Mishra</b>	SSCET, Bhilai



EEEE1220	Excitation Control in Motor Mode of Short Circuit Generator ArunKumarDatta G.Venkateswarlu	Central Power Research Institute Bhopal
EIA1221	Protocols and Applications of Ad-hoc Robot Wireless Communication Networks: An Overview <b>Ms. Remya Ravindran</b>	CSIT, DURG
ECEA1222	IMAGE ENHANCEMENT USING VARIOUS HISTOGRAM EQUALIZATION TECHNIQUES <b>Rubina Khan M.R. Madki</b>	WIT, Solapur(MS)
EEEE1223	Transmission Expansion planning using Ant colony algorithm considering contingency criteria and network utilization <b>Bharti Dewani, Dr M B Daigavane</b>	DIMAT,Raipur SDCET, Wardha
EIA1224	Implementation Of Watermarking With Biometric Keys <b>Meenakshi Shrawgi Dr. R.S. Mahajan</b>	Chouksey Engineering College, Bilaspur
ECEA1225	PAPR Reduction of OFDM Based on Improved RCF Method <b>Mangal Singh Neelam Dewangan</b>	CSIT,Durg
EIA1226	Stride Time Calculation from EMG and Footswitch Data and Finding Correlation Between them <b>Oishee Mazumder Ananda Sankar Kundu</b>	School of Mechatronics and Robotics Bengal Engineering and Science University Kolkata, India
EEEE1227	Comparative Analysis of Digital Relaying Algorithms for the Removal of DC Offset From Fault Current <b>Ishwari Prasad, Rajnish Pandey</b>	VNIT Nagpur CSIT,Durg
EEEE1228	Recent advances in the field of industrial automation <b>Dr T C Manjunath</b>	HKBK College of Engg ,Bangalore
EIA1229	Intelligent Image Correlation for Measuring Surface Deformations & Strain <b>Umesh Sahu Prabhas Gupta</b>	CSIT, Durg
EIA1230	Colour Analysis Based Methods for Face Detection Algorithm <b>Umesh W. Hore</b>	P.R.Patil College of Engg. & Mgt. Amravati, India P.R.Patil College of Engg. &

	<b>G. D. Dalvi</b>	Mgt. Amravati, India
ECEA1231	Turbo Decoding Algorithms For Ofdm Transmission  <b>Mangal Singh</b> <b>Suchita Chatterjee</b>	CSIT,Durg
EEEEA1232	Advance single phase matrix converter topology  <b>Nanda Mude</b>	RCET ,Bhilai
EIA1233	Electronic Stethoscope  <b>Santhosh Kumar D.R</b> <b>Dr Aprameya K.S</b>	U.B.D.T. College of Engineering, , Davangere, India
ECEA1234	Design of Ultra low power Successive Approximation ADC using a Novel Approach  <b>Chandradatta Verma</b> <b>Ashish Tiwari</b>	SSGI Bhilai, india
ECEA1235	Image Edge Detection <b>K.Vikram</b> <b>Dr Niraj Upashyaya</b> <b>kavuri Roshan</b> <b>Dr. A. Govardhan</b>	JBLET,JNTUM Hydrabad
EEEEA1236	How to design a stewart platform for aerospace vehicle  <b>Dr T C Manjunath</b>	HKBK College of Engg Bangalore
EIA1237	Offline Handwritten Signature Recognition using neural network  <b>Shailendra Dewangan</b>	CSIT, Durg
EEEEA1238	Improved energy utilization by solar battery charger  <b>Mithilesh Singh</b>	NITJSR Raipur
ECEA1239	Implementation Of An Efficient Low-Area Cp-Pll Dft Architecture For Testing Applications  <b>Chandradatta Verma</b> <b>Ashish Tiwari</b>	SSGI Bhilai, India
EIA1240	Watermark Implementations And Applications  <b>Meenakshi Shrawgi,</b> <b>Dr. R.S.Mahajan,</b> <b>Sachin Meshram</b>	Chouksey Engineering College, Bilaspur
ECEA1241	An Overview of Multiple Input Multiple output wireless systems for upcoming 4G Communication Network  <b>Manoj Kumar Ghosh</b>	Institute of Management , Pt. Ravishankar Shukla University Raipur, India
EIA1242	Multivariable Controller using PID in Labview	Shri Shankaracharya Group of Institutions, Bhilai (C.G.)



	<b>Prof. Piyush Lotiya</b> <b>T. Aditya Sarma</b>	
EIA1243	Survey of Security Issues in Wireless Adhoc Network Protocols  <b>Mr.Pradeep Kumar Jaisal,</b> <b>Mr.Pankaj Kumar Mishra</b>	SSIPMT, Raipur (C.G), INDIA
ECEA1244	FPGA Implementation and performance analysis of Multi  <b>Bit LFSR Generator</b> <b>Mr. Amit Kr. Panda</b>	GGV, Bilaspur
EIA1245	Dissolved Gas Analysis from Detective-Corrective mode to Strategic-Preventive mode  <b>U. Mohan Rao,</b> <b>R.K.Jarial.</b>	.
EIA1246	Power System Transient Stability Enhancement Using Turbine Fast Valve control Based on Artificial Neural Network.  <b>Roshani R. Pathare</b> <b>Prof. Umesh W. Hore</b>	SGB Amravati University S.S.G.M.C.E Shegaon. SGB Amravati University P.R.P.P.C.E. Amravati
ECEA1247	Implementation Of Dwt/Idwt Algorithm For Image Compression By Using Of Vhdl  <b>Khemraj Deshmukh</b> <b>Vishal Moyal</b>	SSCET Bhilai SSITM Bhilai
ECEA1248	Method of Signal Denoising Using EEMD and IHP Model  <b>Laxmikant Dewangan</b> <b>Arpita vaishnava</b>	Technocrat Institute of Tech. Bhopal (M.P.)
EIA1249	Video Watermarking: A Review  <b>Dolley Shukla</b> <b>Manisha Sharma</b>	Shri Shankaracharya College of Engg. Tech., Bhilai Bhilai Institute of Technology, Durg
ECEA1250	Low-Power Circuit Technique for Domino CMOS Logic  <b>Preetisudha Meher</b>	National Institute of Technology Rourkela, India

	<b>Kamala Kanta Mahapatra</b>	
ECEA1251	Colorizing Night Vision Images  <b>Ms. Smriti Kumar</b>  <b>Mr. Deepak Singh</b>	CSIT, DURG
EIA1252	Distributed Intermittent Fault Diagnosis in Wireless Sensor Networks using Clustering  <b>Akhilesh Sharma</b> <b>Vineet Richariya</b>	Lakshmi Narayan College Of Technology, Bhopal-India
EIA1253	Evaluating Performance of DES & AES <b>Chandrakant Dewangan</b> <b>Mr. Akash Mandal</b> <b>Archana Tiwari</b>	CSIT, DURG
EIA1254	Trajectory generation Tracking-error model-based predictive control for mobile robots  <b>Dhaneshwari Sahu</b> <b>K Pavani, MISTE, AMEETE</b>	RITEE, Raipur
ECEA1255	Security Issues In Mobile Adhoc Networks  <b>Amit Kumar Tewari</b> <b>Vivek Kumar Sharma,</b> <b>Rahul Sharma,</b> <b>Vikas Mishra</b>	Arya College of Engineering & I.T. , Rajasthan Technical University
ECEA1256	A contemporary approach for heart rate variability analysis using Simulink <b>Pushpendra Singh</b>	CSIT,DURG
EIA1257	Cognitive Radio Approach for Using Unlicensed Spectrum  <b>Rajesh Kumar Gupta</b>	CSIT, Durg
EIA1258	Segmentation with Global Thresholding Approach for Identification of Renal Artery Stenosis <b>Sarbani Datta</b> <b>Dr. Monisha Chakraborty</b>	
EIA1259	Dynamic Power Control for wireless mesh back bone network : A Survey <b>Mrs. Urmila S. Soni</b>	CSIT, DURG
ECEA1260	Implementation of Image Processing Techniques for Detection of Diseases in Liver using Ultrasound Images  <b>Smriti Sahu</b> <b>Maheedhar Dubey</b>	CSIT,DURG
ECEA1261	Implementation and Analysis of Advanced Encryption	CSIT,DU10RG



	standard(AES)	
	<b>Chandra Prakash Dewangan</b>	
EIA1262	Evolution In Wireless Communication <b>J.P. Navani</b> <b>Sonal Sapra</b> <b>Huma Khan</b>	SGIT, RKGITW
EEEE1263	Advances in high voltage dc power transmission system* <b>Nickolas F.</b> <b>Rama Mishra</b>	ME 4 <sup>th</sup> sem Power electronics Act Satna
EEEE1264	Study and analysis of MPPT control for efficiency improvement of solar powered ups applications* Pramod Kr Baghmar Narendra Kr Saxena	EE.CCET Bhilai,
EIA1265	Probabilistic Analytical Framework To Minimize Expected Leakage By Employing A Dual Vth Design Technique <b>Rashmi Bahal, Shyam Akashe, Sanjay Sharma</b>	Gwalior, India
	* Abstract only	

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*Organising Chair*  
AICON-12