

National Conference on **Recent Advances in Wireless Communication & Artificial Intelligence**

Conference Venue: Department of Electronics & Communication Engineering, CTAE, MPUAT, Udaipur.

DAY-1: Friday, 14th March 2014

Keynote Speaker: Dr. S. Sancheti, President, Manipal University, Jaipur

Invited Speaker: Dr. S.P.Harsha, IIT, Roorkee

Activity	Timing	Venue
Registration	8:30 AM	Registration Desk
Inaugural Ceremony	10:00 AM	Seminar Hall
High Tea	11:15 AM	Outside Lawn
Oral Presentation: Session-I	11:30 AM	Seminar Hall
Lunch	1:30 PM	Outside Lawn
Oral Presentation: Session-II	2:15 PM	Seminar Hall; AI Lab (<i>Parallel Sessions</i>)
Tea	4:00 PM	Outside Lawn
Oral Presentation: Session-III	4:15 PM	Seminar Hall; AI Lab (<i>Parallel Sessions</i>)
Poster Session-I	5:30 PM	Corridor
Cultural	6:30 PM	Seminar Hall
Dinner	7:30 PM	Outside Lawn

DAY-2: Saturday, 15th March 2014

Keynote Speaker: Dr. H.M. Gupta, IIT Delhi

Invited Speaker: Dr. R.S. Rathore, AICTE, New Delhi

Activity	Timing	Venue
Breakfast	8:30 AM	Outside Lawn
Oral Presentation: Session-IV	9:30 AM	Seminar Hall
Tea	11:30 AM	Outside Lawn
Oral Presentation: Session-V	11:30 AM	Seminar Hall; AI Lab (<i>Parallel Sessions</i>)
Lunch	1:30 PM	Outside Lawn
Oral Presentation: Session-VI	2:15 PM	Seminar Hall and AI Lab (<i>Parallel Sessions</i>)
Tea	4:00 PM	Outside Lawn
Poster Session-II	4:15 PM	Corridor
Valedictory Ceremony	4:45 PM	Seminar Hall
High Tea	5:15 PM	Outside Lawn

DAY-1: Friday, 14th March 2014

Oral Presentation: Session-I

Time: 11:30 AM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE010	Aarti Gehani and Dhaval Pujara: Optimization of Hexa-band PIFA using Artificial Neuro-Fuzzy Inference System based CAD Model.
2	CTE056	Hemant Purohit , Dr. K.L. Sharma: On Mitigation of Bandwidth in Cellular Networks.... Data Interleaving Technique.
3	CTE009	Ramu Endluri , <i>et al</i> : A Low Cost Dual Band Antenna For Bluetooth, 2.3 GHz WiMAX, and 2.4/5.2/5.8 GHz WLAN.
4	CTE114	Varun Jain <i>et al</i> : Design of 4x4 MIMO-OFDM Detector using near optimal low complexity algorithms.
5	CTE110	M.K. Bhiwapurkar , Pranjali Soni, V.H. Saran, S.P. Harsha: Neural Network Model forof Low frequency Random Vibrations.
6	CTE004	Vijay Jakhar , <i>et al</i> : Embedded USB based Multi-Parameters Measurement System.
7	CTE040	Kanika Bahrani (Kavita Ruchandani): DESIGN, ANALYSIS AND CASE STUDY ON ... FOR WIRELESS APPLICATION.
8	CTE082	Arjun Ram JB , K.L.Sharma, ArunJB: Bio-Sensor Application in Drought Prone Plant used for Drip Irrigation System.

Oral Presentation: Session-II

Time: 2:15 PM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE007	Pradeep Singh Bhati and Rajeev Gupta: Robust Neural NARX Controller Design Using Evolution and Learning.
2	CTE111	V.Vakharia , V.K.Gupta, P.K.Kankar: An Approach to ClassifyFaults Using Supervised and Unsupervised Learning Methods.
3	CTE 039	Prakash Bahrani : Effective Use of Fuzzy Logic for Power System Stabilizer.
4	CTE067	Neeraj Priyadarshi , Dr.R.R Joshi: Fuzzy Logic Based Control of Integrated Inverter For Grid Connected PV System with MPPT.
5	CTE102	Suriti Gupta , Roy, K.C., <i>et al</i> : Investigations on Matrixmotor drive during abnormal conditions.
6	CTE 075	Garima Goswami , Mrs Santosh Tyagi, Mr. Pankaj Goswami: Single Phase Matrix Converter Operating As Buck And Boost Rectifier.
7	CTE071	Shivpratap Pandey , Kunal Gaurav, Piyush Sharma: An Idbutm Filter For The Removal of High Density Impulse Noise.
8	CTE072	Pranay Joshi , Nikhil Jain, Dhruv Kothari: Frugal Engineering Achieving More With Fewer Resources.

Venue: AI Lab

1	CTE051	Richa Jani : Development of a new framework for enhancing security in fingerprint and finger-veinauthentication systems.
2	CTE052	Neha Kothari , P. C Bapna and Sunil Joshi: Performance evaluation ofsystem in Extended Vehicular Environment.
3	CTE053	Neha Agarwal & Aarti Choudhary: An efficient control mechanism for throughput and reduced delay in wireless networks.
4	CTE064	Kunal Gaurav , Shivpratap Pandey, Piyush Sharma: A Survey to MANET Techniques Research and Related Challenges.
5	CTE065	Luv Sharma , Santosh Sharma, Dilpreet Osan: Effects of Modifications in Feed Points of Microstrip Antennas.

Oral Presentation: Session-III

Time: 4:15 PM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE108	Kirti Kumari , Rahul Chaudhary, V.D Mudgal and Himani Srivastava: A 21st century technique in Food: Electronic Noses.
2	CTE 016	Ankita Kaw , Dr. Sunil Joshi and Dr. Navneet Agrawal: Design and development ofimproving performance parameter.
3	CTE 049	Ronak Dak , Dharm Singh and Naveen Choudhary: A Technical Survey Based on Secure Video Transmission Techniques.
4	CTE 024	Neetika Bairwa , Navneet Agrawal and Suriti Gupta: Development of Counting Algorithm for Overlapped Agricultural Products.
5	CTE 027	Anup Karda , <i>et al</i> : Development of M x N MIMO Detection Algorithm for 64-QAM using Sphere Decoding.
6	CTE 030	Kishore Kumar Mali , Omprakash Jain and Preksha Bohra: Vision Based MAV Navigation in Unknown Environment.

Venue: AI Lab

1	CTE073	Nitin Kothari , <i>et al</i> : Fanbeam Reconstruction Algorithm For Shepp Logan Head Phantom And Histogram Analysis.
2	CTE077	Rashmi Suthar , <i>et al</i> : A Comparative Diversity Approaches for 2X2 LTE Correlation Based Channel.
3	CTE078	Luv Sharma , <i>et al</i> : Design & Simulation Of Modification In Cut Hat Shaped Microstrip Patch ...Of Reflector Element On It.
4	CTE081	Nikita Rathi , Sonu Meghwal, Yashwant Suthar , Kiran P. Singh: Application of Demerits of EM Radiation against Harmful Insects.
5	CTE103	Abhishek Acharya <i>et al</i> : , A Compact Rectangular Shaped Microstrip Antenna for UWB Application.
6	CTE118	Dr. P.C. Bapna and Dr. Sunil Joshi Measurement of Dielectric properties of various Decorative Stones ... frequencies

DAY-2: Saturday, 15th March 2014

Oral Presentation: Session-IV

Time: 9:30AM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE011	Rachna Mehta , Dr. Navneet Kumar Agarwal: Comparative Analysis of Median filter for Impulse Noise – A Review.
2	CTE015	Priyanka Dahiya : FIDSM: Fuzzy Logic Based Intrusion Detection Systems in Mobile Ad Hoc.
3	CTE094	D. H. Pandya and S. P. Harsha: Applications of AI techniques for Effective Fault Diagnosis of High Speed Machines.
4	CTE059	Mayur Kumar Chhipa and Govind Kumar: Design of Tunable Channel Drop Filter using Hexagonal Resonators by FDTD method
5	CTE066	Hemant Dhabhai , <i>et al</i> : Simulation & Modeling of a New Band Notched Print Antenna for Ultra Wideband Applications
6	CTE096	Arvind Shekhar Joshi and DharendraMathur: A Wideband Aperture Coupled Parasitic Patch Array on LTCC Substrate
7	CTE100	Aditi Sharma , Dr. Rajesh Bhadada: Analysis of RSA and ECC for Public Key Cryptography application
8	CTE013	Anil Kumar Dahiya , Vivek Kumar Verma: Script Identification for Tri-Lingual Image Document.
9	CTE050	SanjeevYadav , UmeshSoni, Ruchika Choudhary and M MSharma: Slotted Monopole Antenna with for Wireless Applications.

Oral Presentation: Session-V

Time: 11:30 AM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE014	Subhrendu Guha Neogi , Anand Bhaskar and Eeshan Pandey: Cluster based Anycast Routing Protocol forNetworks.
2	CTE018	Vivek Jain and Navneet Agrawal Development of Low Power Decimator for System on Chip in GSM.
3	CTE019	Reshu Choudhary : Survey on Substrate Material of Multiband Antennas.
4	CTE022	Ashish Mishra and Gaurav Sharma: Design of VCO for Microwave Frequency Band.
5	CTE026	Manasi Jain ; Energy efficiency of mimo wireless communication systems:a review.
6	CTE032	Omprakash Jain , Kishore Kumar Mali and Preksha Bohra: Design and Simulation of Variable..... Using Thermal Actuator.

Venue: AI Lab

1	CTE083	Neeraj Choudhary , et al: Dual Band-Notched UWB High Speed Wireless Communication.
2	CTE087	Ajay Kumar Vyas , et al: Investigation the Effect of Nonlinear Distortion for Radio over Fiber Link.
3	CTE088	Keerti Vyas : Achieving Low Power by Scaling Frequency and Voltage.
4	CTE090	Pranay Joshi : Performance Analysis of various MIMO Schemes in LTE Downlink.
5	CTE091	Neha Kothari : Performance evaluation of MIMO symbol detection techniques in environment for Spatial Multiplexing.
6	CTE092	Pranay Joshi : A Review of Detection Methods for Wireless MIMO Communication Systems Using VLSI Techniques.
7	CTE 001	PC Bapna , Sunil Joshi, Neha Kothari and Dhruv Kothari: Path Loss and Fading Characterization at 2.4 GHz for Indoor Scenario.

Oral Presentation: Session-VI

Time: 2:15 PM

Venue: Seminar Hall

S N	Paper Code	Authors & Title
1	CTE033	Jitendra Moond , Dharm Singh and Naveen Choudhary Advancements in AODV Routing Protocol - A Review.
2	CTE038	Heena Rathore and Manish Goyal Reputable Path Recognition in Wireless Sensor Network using Intelligent Water Drop.
3	CTE042	Preksha Bohra , Kishore Kumar Mali and Omprakash Jain Advance Home Security System.
4	CTE044	Pawan Shaktwippee and Deshranj Sharma Design Consideration of ... (60 GHz) Application Using Matlab&Ansoft Designer.
5	CTE047	Chand Mal Samota , Naveen Choudhary and Dharm Singh Performance Evaluation of Turn Model Based Routing using LBDR.

Venue: AI Lab

1	CTE093	Pranay Joshi , et al: Switching Time Estimated CMOS Full Adder.
2	CTE098	Vivek Jain and Dr. Navneet Agarwal: Development of CM FIR Filter for Bandwidth Enhancement.
3	CTE045	Gajraj Singh Rathore , et al: Dynamic Power Management in Processors.
4	CTE107	D.L. Suthar , SD Purohit and P. Agarwal: Unified Fractional Integral Formulae for the Generalized Mittag-Leffler Functions.

POSTER SEESION-I
DAY-1: Friday, 14th March 2014
Time: 5:30 PM

S N	Paper Code	Authors & Title
1	CTE002	Suriti Gupta, et al: Wireless Sensor Network: An Overview of Applications and Simulation Tools.
2	CTA003	Ishaan Chakravorty, Dr.M S Khidiya: A global model for Robotics- Work Study and Ergonomics a Comprehensive Study.
3	CTA005	GauravDeora, AbhinavLohiya, Utkarsha Joshi and KoshalVyas: Voice over Internet Protocol.
4	CTE006	KoshalVyas, GauravDeora, Utkarsha Joshi and AbhinavLohiya: Software-Defined Networks
5	CTE008	Pranay Joshi, Mukul Jain and HimankAgarwal: Wireless Charging of Mobile Phones Using Microwaves.
6	CTE012	Mahendra Kumar and Navneet Agrawal: Image Processing Based Fruit Surface Defect Detection Techniques: A Review.
7	CTE017	NeetuMeena, et al: Development of Detection..... Algorithm for Agriculture Product.
8	CTE020	Ankur Kulshreshtha and Akshat Jhala: HUMAN BRAIN CONTROLLED CAR..... ARTIFICIAL INTELLIGENCE.
9	CTE021	NiteshAgrawal, HemantDhabhai and K.L. Galav: Transmission of Electricity with Microwave.
10	CTE023	ReshuChoudhary: A Secure Image Transmission with Improved Encryption Technique.
11	CTE025	LatikaKumawat: CLOUD COMPUTING: A REVIEW
12	CTE028	Samridhi Bhatnagar: A Review On Security And Privacy In Mobile Cloud Computing.
13	CTE029	Jimy kumarMukeshbhai Bhadania, Ravi Haribhai Makawana and Sachindra Doshi:Wireless Power..... for Mobile Phones.
14	CTE031	Kishore Kumar Mali, PrekshaBohra and Omprakash Jain: Design of RF MEMS Switch using Electrostatic Actuation.
15	CTE034	Kalpana Lamba, et al: Analysis and Design..... House Monitoring - A Survey.
16	CTE035	Riya Joshi, DipeshChanderMonga and Purva Jain: A Comparative Study Of Li-Fi v/s Wi-Fi.
17	CTE036	Sonakshi Samar and Shefali Gupta: Sixth Sense Technology.
18	CTE037	Dipsinh Yadav, Jaldip Solanki and Sachindra Doshi: Empirical research on rainfall radar.
19	CTE041	Naresh Dodwani, Hemant Soni and Hemant Purohit: Energy-Efficient Femtocell Networks.
20	CTE043	BhanuPratap, et al: A survey of Classification of Fruits using Image Processing Techniques.
21	CTE046	KhyatiVyas, Dr. Sudhir Jain and Dr. Sunil Joshi: A Review on an Automatic Solar Tracking System.
22	CTE048	VishuSinghvi and RajdeepShaktawatOperating System of Wireless Sensor Network: A Comparative Study.
23	CTE054	AartiChoudharyimproved method for information hiding in tagged documents using steganography.
24	CTE055	Rajiv, Sanjay Wadhwa, HimaatLal Kumawat and Parth: Digital Watermarking.
25	CTE057	Parneet Kaur, KomalTak and Hemant Purohit: Study of AMR Codec for GSM Networks.
26	CTE115	Seema Shekhawat and Dr. Karun Chandaliya Advancement in Refrigeration: a review
27	CTE117	Ms. Rashmi Sharma and Mr Jitendra Kasera Simulation of Ferro resonance Problem in Electrical Power Network

POSTER SEESION-II
DAY-2: Saturday, 15th March 2014
Time: 4:15 PM

S N	Paper Code	Authors & Title
1	CTE058	Abhay Jain, Deepak Vaishnav and Hemant Purohit: A Novel Study of use of..... Mobile Communication Problems.
2	CTE060	Bhavin Tandel, Ramesh Bariya, Smit B. Patel, Utkarsh Panchal: AHYBRID SOLAR ENERGY & WIND ENERGY.
3	CTE061	DungarNathChouhan, Abhinav dixit: Cognitive Radio: Overview, Challenges and future aspects.
4	CTE062	SarthakMehra: Dynamic Toll Transaction System Developing an Intelligent Transportation.
5	CTE063	DivyanshuVarmaAudio Watermarking Techniques: A Review.
6	CTE068	Rekha Gautam,Shifa Khan, Mrs. Renuka Bhandari: Student Safe Commute System.
7	CTE069	Bhavin. Tandel, Ramesh Bariya, Smit Patel, Utkarsh Panchal: A HYBRID POWER ENERGY & WIND ENERGY.
8	CTE070	Er. Kapil K. Samar, Dr. Surendra Kothari, Er. PrashantKapurkarMICRO INVERTERS- A Game Changer in Solar Electronics.
9	CTE074	DharmendraTrivedi, Ashishbohra, Saurabhsinghal Neural Fuzzy Controller used in Solar array system.
10	CTE076	Er. Ajay Kumar Vyas: Novel Nonlinear Distortion Removal Technique for Radio over fiber Link: A Review Report.
11	CTE079	Dikshabhati,EktaYadav,Pahunidiwan, Md. Sabir: Wireless telemedicine and E-health services.
12	CTE084	NakulAudeechya, Dheeraj Jain, Mahesh Kumar Porwal: Design Technologies.... in Intelligent Transportation System.
13	CTE085	Sheetal Bohra, Himanshu Kumawat, Nakul Audeechya: Design & Implementation of Intelligent Traffic Jam Control System.
14	CTE086	VivekPurohit: Emerging Trends in Handoff
15	CTE089	Ginni JainComparison of Flip Chip and Wire Bonding Process used in Dice/ Diffused Silicon Wafer.
16	CTE095	IshaSuwalka, Deepak Vyas and Dr. Navneet Agarwal: An Approach to Preserve..... Sensor Network: Case Study.
17	CTE097	Vishnu Inani, Jagrati Nayakq and Suman Sankhla: Tracking function in AIWIDS.
18	CTE099	Deepak Vyas and Dr. Navneet Agarwal: Study of SAC-OCDMA System in Optical Communication.
19	CTE101	B.Arunalatha and K.Ramya madhuri:MEMS BASED UNWIRED MOUSE NAVIGATION SYSTEM FOR FUTURE MACHINES.
21	CTE104	Rahul Choudhary : Cognitive Radio: Open Research Area and Future Research Directions.
22	CTE105	LalitVerma , Dr. Navneet Agarwal , Dr. P.C. Bapna: An Overview of Wireless Technologies. in Telemedicine.
23	CTE106	Harshveen Kalra Prachi Mathur,TanviKeswani: Antitheft Vehicle Model Using GPS and GSM Technology.
24	CTE109	Khushbu Chhapparwal,Revati Kachhwaha,Aprajita: BRAINGATE SYSTEM Application of ... computer interaction.
25	CTE112	Rahul Somani, Mahesh Kumar Porwal: Bit Error Performance Analysis of Alamouti and PrecodedAlamouti for MIMO.
26	CTE116	Seema Shekhawat and Dr. Karun Chandaliya Efficiency enhancement of coal and oil fire boiler