

INDERPRASTHA ENGINEERING COLLEGE, GHAZIABAD

National Conference on Recent Trends in Electronics and Electrical Engineering (NCRTEEE-2017) programme

Day I: Thursday, 16 Feb, 2017

Time	Activity	Speaker / Session Chair	Rapporteur	Venue
9:00 am - 9:45 am	Registration			Outside Raman Sabhagar
10:00 am – 10:20 am	Inaugural Session Lighting of Lamp Saraswati Vandana & Kulgeet			Raman Sabhagar
10:20 am – 10:25 am	About the conference	Dr. Rambir Singh <i>HOD, EN</i>		Raman Sabhagar
10:25 am – 10:30 am	Welcome Address	Dr. B. C. Sharma <i>Director, IPEC</i>		Raman Sabhagar
10:30 am – 10:45 am	Inaugural Speech by Chief Guest	Shri Archit Agarwal <i>Scientist & Deputy Director DRDO, New Delhi</i>		Raman Sabhagar
10:45 am – 11:00 am	Key note Session on “Phoneme Recognition”	Dr. Mahesh Chandra <i>Professor, ECE Department BIT, Mesra</i>		Raman Sabhagar
11:00 am – 11:15 am	Tea Break			Management Lawn
11:30 am – 01:30 pm	1 st Session	Dr. Mahesh Chandra <i>(Session Chair)</i>	Mr. Kamal Raj Singh	Raman Sabhagar
	1 st Session	Dr. N. K. Sharma <i>(Session Chair)</i>	Mr. Vikas Tripathi	ECE Seminar Hall
01:30 pm – 02:15 pm	Lunch			Management Lawn
02:15 pm – 04:00 pm	2 nd Session	Dr. A. N. Mishra <i>(Session Chair)</i>	Ms. Pooja Mishra	Raman Sabhagar
	2 nd Session	Dr. N. K. Sharma <i>(Session Chair)</i>	Mr. Vikas Tripathi	ECE Seminar Hall

Day II: Friday, 17 Feb, 2017

Time	Activity	Speaker	Rapporteur	Venue
10:00 am – 01:00 pm	3 rd Session	Dr. Ramendra Singh <i>(Session Chair)</i>	Ms. Rumi Rastogi	Raman Sabhagar
	3 rd Session	Dr. Praveen Malik <i>(Session Chair)</i>	Ms. Pushpanjali Singh	ECE Seminar Hall
01:00 pm – 02:00 pm	Lunch	-		Management Lawn
02:00 pm – 2:30 pm	Valedictory Session ❖ Certificate Distribution ❖ Best Paper / Organizer (faculty & student)			Raman Sabhagar
02:30 pm – 02:35 pm	Vote of thanks	Dr. V. K. Gupta <i>HOD, ECE</i>		Raman Sabhagar
2:35 pm	High Tea			Management Lawn

TECHNICAL SESSION: EN – I

TIME: 11:30 AM - 01:30 PM

DATE: 16th Feb 2017

VENUE : ECE SEMINAR HALL

S. No.	Paper ID	Title of the Paper
1.	NC2017EN 02	Renewable energy sources with ancillary services <i>Pooja Sharma, Hemant Sharma</i>
2.	NC2017EN 03	Comparison between Electronic Ballast and Electromagnetic Ballast <i>Adithya Chaudhary, Nisha Parveen, Aayushee Shokhand</i>
3.	NC2017EN 21	Improvement of Voltage Stability Index of Radial Distribution Networks <i>Namita Gupta, Shailesh Kumar, Smarajit Ghosh</i>
4.	NC2017EN 22	Optimal Location for DG Placement In Radial Distribution Networks <i>Harmanpreet Singh Sekhon, Smarajit Ghosh</i>
5.	NC2017EN 04	Flex Sensor Based Robotic Arm Vehicle Using Wireless Remote Control <i>Utkarsh Chaturvedi, Himank P. Singh, Karan Rajsen, Shantanu R. Singh, Sulekha Saxena</i>
6.	NC2017EN 05	Review of SEIG and DFIG: Its applications in Renewable energy <i>Meenakshi Mataray, Bindu Mishra</i>
7.	NC2017EN 06	Wi Fi controlled visual surveillance Pi-bot <i>Shiva Mittal, Meenakshi Mataray, Shubham Mittal</i>
8.	NC2017EN 07	Performance Evaluation of Solar Photovoltaic Systems <i>Deeksha Agarwal, Himanshi Khanna, Nisha Parveen, Aayushee Shokhand</i>
9.	NC2017EN 08	The Growth of Renewable Energy Resources: India <i>Vikas Tripathi, Vikrant Tanwar, Utkarsh Mishra</i>
10.	NC2017EN 09	Flywheel free energy generation by motor generator coupling <i>Bindu Mishra, Amandeep Sharma, Abhay Tyagi</i>
11.	NC2017EN 10	Energy Harvesting Using Rectenna <i>Manish Kr. Rana, Shiva Mittal, Meenakshi Mataray</i>
12.	NC2017EN 01	A Review of Different Techniques in Building Energy Management <i>Mohini Yadav, Arjun Baliyan, Shiv Prakash Bihari</i>

TECHNICAL SESSION: EN - II

TIME: 02:15 PM- 04:30 PM

DATE: 16th Feb 2017

VENUE : ECE SEMINAR HALL

S. No.	Paper ID	Title of the Paper
1.	NC2017EN 11	Review of SFRA (Sweep Frequency Response Analysis) for Testing of Integrity of Transformer <i>Eeshan Pushkal Jaiswal, Mayank Ojha, Indrajeet Sharma, Pooja Sharma</i>
2.	NC2017EN 12	Advanced Wheelchair for Physically Disabled People <i>Devansh Gupta, Ankita Gupta, Pratibha Rajpoot, Devansh Gupta, Akarsh Dixit, Atul Raj Singh, Sulekha Saxena</i>
3.	NC2017EN 13	Power System Stability using Fuzzy Logic Controller <i>Bhupendra Sehgal, S.P.Bihari, D.Tiwari, R.N.Chaubey</i>
4.	NC2017EN 14	Model Order Reduction Techniques: A Critical Review <i>Sadaf Naqvi, Sana Ali Naqvi, Shilpa Gupta</i>
5.	NC2017EN 15	Photovoltaic Generator Model and Analysis of Module in MATLAB-Simulink Environment <i>Shilpa Gupta, Prashant Ranjan Sarkar, Nitish Tiwari</i>
6.	NC2017EN 16	Performance Analysis of A Voltage Balancer <i>Himanshu Bhardwaj, Manish Singh</i>
7.	NC2017EN 19	Review Paper on Methods of Improving Power Quality <i>Aditya Pandey, Brijesh Sahani, Anurag Yadav</i>
8.	NC2017EN 20	Grid synchronization of hybrid system using solar and wind <i>Shweta Agarwal, Rashmi Jain, Anurag Verma</i>
9.	NC2017EN 24	Design and Fabrication of Pneumatic Auto Sheet Metal Cutting Machine Using Solar Energy <i>Mamta Singh, Nidhi Gossain, Prakhar Kumar, Riya Tripathi</i>
10.	NC2017EN 25	A Train That Doesn't Stop at Stations <i>Akanksha Barnwal, Ajeet Singh, Ambar Kanaujiya, Akansha Chaurasia, Ambika Kaushal, Annu Govind</i>
11.	NC2017EN 26	Protection of Transmission Line From Switching Transient Overvoltage <i>Avantika Bhardwaj, Kanika Rawat</i>

TECHNICAL SESSION: ECE – I

TIME : 11:30 AM- 01:30 PM

DATE: 16th Feb 2017

VENUE : RAMAN SABHAGAR

S. No.	Paper ID	Title of the Paper
1.	NC2017EC 52	Ho Language Digit Recognition Using MFCC and Artificial Neural Network <i>Jay Prakash, R.K. Lal, Arvind Kumar, Mahesh Chandra</i>
2.	NC2017EC 11	Pseudo Affine Projection Algorithm Based Noise Minimization From Speech Signals <i>Deepak Gupta, Neha Sharma, V K Gupta, Mahesh Chandra</i>
3.	NC2017EC 40	Modelling of Mid Infrared Region Photo Detector For Monitoring of Toxic Gases <i>Trilok Kumar Parashar</i>
4.	NC2017EC 53	Musical Instruments Classification Using Neural Network <i>Ritesh Surin, Arvind Kumar, Mahesh Chandra, T.K.Parashar</i>
5.	NC2017EC 23	Comparative Analysis of Various Adaptive Noise Cancellation Algorithms <i>Pankaj Goel, Aniket Kumar, V K Gupta, Mahesh Chandra</i>
6.	NC2017EC 47	Theoretical Modelling of Infrared Photodetector For CO₂ Gas Detection <i>Trilok Kumar Parashar</i>
7.	NC2017EC 30	A Review on User Identification Using Voice As A Biometric Feature <i>Sumit Srivastava, Naman Ladha, G. Sahoo, Mahesh Chandra</i>
8.	NC2017EC 36	A Review Paper on Various Visual Cryptography Schemes <i>Muskaan Kalra ,Hemant Kumar Dua, Harsh Taneja</i>
9.	NC2017EC 51	A Robust Hybrid Image Watermarking Using DWT-SVD and Their Comparative Analysis with DWT at Different Scaling Factor in Low Frequency Sub Bands <i>Rajesh Tyagi, Mahendra Kumar Pandey</i>
10.	NC2017EC 12	Adaptive Noise Cancellation Using Transform Domain Adaptive Algorithms <i>Deepak Gupta, Vaibhav Sharma, A. N. Mishra</i>
11.	NC2017EC 63	Mask IDs based Asymmetric Session key Exchange <i>Archit Agarwal, Satya Jeet Singh</i>
12.	NC2017EC 64	Encoded IDs Symmetric Session key Exchange <i>Archit Agarwal, Amod Kumar</i>

TECHNICAL SESSION: ECE – II

TIME : 02:15 PM- 04:00 PM

DATE: 16th Feb 2017

VENUE : RAMAN SABHAGAR

S. No.	Paper ID	Title of the Paper
1.	NC2017EC 55	A Comparative Study of Time Series Forecasting Model Arima and ETS <i>Garima Jain, Bhawna Mallick</i>
2.	NC2017EC 09	Security Concern Over Cloud Computing – A Review <i>Navnish Goel, Anuja Agarwal</i>
3.	NC2017EC 02	Sierpinaski Fractal Patch Antenna-A Review Report <i>Rishabh Patel, Mukh Ram, Pramod Kumar</i>
4.	NC2017EC 13	Performance and ENergy Efficiency Review of Reversible Logic Gates <i>Deepak Gupta, Prachi Mohan Kulshrestha, A N Mishra, Alok Dubey</i>
5.	NC2017EC 16	A Project Review On Steering System Controlled By Touch Screen Involving The Concept Of Steer by Wire <i>Prabhat Jee, Komal Kumari, Shweta Singh, Shiv Narain Gupta</i>
6.	NC2017EC 26	Study of Wdm Based Fiber Optic Link Using Dispersion Compensating Fiber <i>Pooja Mishra, Tanisha Mittal, Tanika Verma</i>
7.	NC2017EC 27	Biometric Security System Using Fingerprint Recognition <i>Ajay Kumar, Trijendra Singh, Aishwarya, Manish Gupta</i>
8.	NC2017EC 29	Wireless Communication Over Fading Channels and Its Simulation <i>Shyam Narayan Gupta, Ankit Tripathi, Ramendra Singh</i>
9.	NC2017EC 42	High Gain Slot Antenna For Ism And Wireless Applications <i>Manu Chaudhary, A.N Mishra, Ramendra Singh</i>
10.	NC2017EC 56	Diversity Scheme For Mimo System In Wireless Network <i>Sunakshi Sharma, Vivek Jain, Vivek Kumar, Vishal Gupta</i>

TECHNICAL SESSION: ECE - III

TIME : 10:00 AM- 01:00 PM

DATE: 17th Feb 2017

VENUE : RAMAN SABHAGAR

S. No.	Paper ID	Title of the Paper
1.	NC2017EC 01	Mathematical Review of Orthogonal Frequency Divison Multiplexing <i>Praveen Kumar Malik, M P Tripathi</i>
2.	NC2017EC 04	Advances in Maximum Power Point Algorithms of PV Systems: A Survey <i>Vikas Baghel, Smita Srivastava, Vedant Bharadwaj , Virendra Jain, Yash Agrahari</i>
3.	NC2017EC 05	Wideband Dra Using CPW Feed <i>Paramanad Sharma, Pramod Kumar, Utkarsh, Shailendra Singh</i>
4.	NC2017EC 10	Electronic Bin – A Smart Trash Can <i>Hitesh Allawadi, Krishan Kant Sharma, Mihir Rana, Avnish K. Yadav, Sudhanshu Upadhyay, Archana Agarwal</i>
5.	NC2017EC 15	Review on Applications of voltage Differencing Transconductance Amplifier in Analog Signal Processing <i>Mohini Jain, Rajat Pandey, Rahul Chaudhary, Manish Gupta</i>
6.	NC2017EC 41	Auto Metro Train To Shuttle BetweenStations <i>Nitish Shukla, Pushpanjali Singh, Deepali Kamthania</i>
7.	NC2017EC 44	A Feasibility Voids Detector on Rail Tracks <i>Meenakshi Sharma, Rishabh Gupta, Manish Zadoo</i>
8.	NC2017EC 17	Biker’s Emergency Alert System <i>Nutan Raghav, Yeshpal, Nikhil Kumar</i>
9.	NC2017EC 18	On The Comparison of IOT Layers Along With The Applications and Intellectual Property Threats <i>Sourav Rana, Tripti Sharma, Tripti Sharma, Yesu Sharma</i>
10.	NC2017EC 19	Automated Toll Collection using ALPR and Theft Controlling <i>Subhash Tiwari, Shivam Chauhan, Sparsh Jain, Shubham Varshney</i>
11.	NC2017EC 20	A Brief Overview and Comparison of CCII, DDCC, DVCC and DXCCII <i>Shubham Srivastava, Vishal Saini, Shivam Rathi, Vaibhav Chauhan</i>
12.	NC2017EC 21	Analysis of Substrate Integrated Circuits <i>Meenakshi Sharma, Akshay Nayar, Anshul Gupta, Amber Singh Chandel</i>
13.	NC2017EC 22	Survey Based on The Various Procedure of Neuroimaging <i>Satyam Yadav, Aarti Sharma</i>
14.	NC2017EC 58	Design and Testing Of Analog Circuits Using ANN <i>Ashutosh Yadav, Ankit Kumar Maurya, Shivani Yadav</i>

TECHNICAL SESSION: ECE – IV

TIME : 10:00 AM- 01:00 PM

DATE: 17th Feb 2017

VENUE : ECE SEMINAR HALL

S. No.	Paper ID	Title of the Paper
1.	NC2017EC 49	A Review on Adders <i>Rajat Jawla, Mohit Jain, Ritu Agarwal</i>
2.	NC2017EC 54	Comparative Analysis Of 3 Input Cmos Nand Layout <i>Tripti Tripathi, Garvit Goyal, Gauri Saxena, Kirti Singhal</i>
3.	NC2017EC 57	Power Efficient Pulse Decoder for SRAM <i>Aayush Pathak, Akshat Sharma, Vipul Bhatnagar</i>
4.	NC2017EC 61	Metamaterials and Their Application: A Review <i>Aparna Tomar, Rishabh Pandey</i>
5.	NC2017EC 62	Time Domain Analysis of UWB Antenna Systems In Face-To-Face and End-To-End Configuration <i>Narbada Prasad Gupta, Mithilesh Kumar, Ranjan Maheshwari</i>
6.	NC2017EC 07	Broad-Band Supershaped Dielectric Resonator Antenna of Plastic Material <i>Utkarsh, Pramod Kumar, Shailendra Singh</i>
7.	NC2017EC 08	Three Phase Fault Analyzer With Automatic Tripping Mechanism <i>Jayant Chaturvedi, Praveen K. Kushwaha, Ashwani Kumar, Shailendra Verma</i>
8.	NC2017EC 28	Designing Dijkstra Shortest Algorithm In Wavelength-Routed WDM Network Using Matlab <i>Neha, Ankit Tripathi, Vartika Anand</i>
9.	NC2017EC 31	Ultrasonic Blind Walking Stick <i>Shiv Shankar Kr, Shivam Dwivedi, Shivangi Raghav, Swati Gaur, Ravi Anand</i>
10.	NC2017EC 37	IOT Based Home Automation Using Ti CC3200 <i>Ankit Kaushal , Chandan Kumar, Abhishek Sharma Mayank Gupta, Bibaswan Mahato</i>
11.	NC2017EC 43	Design And Analysis of Textile Antenna For UWB Applications <i>Rajneesh Kumar, Rajiv Anand</i>
12.	NC2017EC 24	Arduino UNO Automatic Braking System <i>Kritika Arora, Deepesh Srivastava, Chandrika Rathi, Atul Kumar, Uma Sharma</i>
13.	NC2017EC 60	A Design of Small Size Circular Disk Microstrip Patch Antenna for WIMAX Application and X-Band Application <i>Aparna Tomar, Rishabh Pandey</i>
14.	NC2017EC 48	Digital Watermarking: Overview And Survey <i>Nikhil Chawla, Rajesh Tyagi, Mahendra K. Pandey</i>