

**INDERPRASTHA ENGINEERING COLLEGE, GHAZIABAD****2<sup>nd</sup> National Conference****on****Recent Trends in Electronics and Electrical Engineering (NCRTEEE-2018)****Programme Schedule****Day I : Friday, 8<sup>th</sup> June, 2018**

Time	Activity	Speaker/ Session Chair	Reportee	Venue
9:00 am - 9:45 am	Registration			Outside Raman Sabhagar
10:00 am – 10:15 am	Inaugural Session Lighting of Lamp Saraswati Vandana & Kulgeet			Raman Sabhagar
10:15am – 10:20 am	About the conference	Dr. Rambir Singh		Raman Sabhagar
10:20am – 10:25 am	Address by Chairman/ Management Committee Member			Raman Sabhagar
10:25am – 10:30 am	Welcome Address	Dr. B. C. Sharma		Raman Sabhagar
10:30 am– 10:40 am	Inaugural Speech by Chief Guest	Dr. P.K. Sadhu		Raman Sabhagar
10:40 am – 10:55 am	High Tea			Management Lawn
11:00 am- 11:45am	Keynote Session by Chief Guest	Dr. P.K. Sadhu		Raman Sabhagar
11:45 am – 01:30 pm	1 <sup>st</sup> Session (Raman Sabhagar)	Dr. P.K. Sadhu, Professor , IIT (ISM) Dhanbad	Mr. Vikas Tripathi	Raman Sabhagar
	1 <sup>st</sup> Session (ECE Seminar Hall)	Dr. Rahul Kaushik, Asstt. Professor, JIIT Noida	Mr. Kamal Raj Singh	ECE Seminar Hall
01:30 pm – 02:15 pm	Lunch	-	-	Management Lawn
02:15pm – 04:00 pm	2 <sup>nd</sup> Session (Raman Sabhagar)	Dr. Ramendra Singh, Asso. Professor, IPEC, Ghaziabad	Ms. Ritu Agarwal	Raman Sabhagar
	2 <sup>nd</sup> Session (ECE Seminar Hall)	Dr. N.K. Sharma, Ex. Professor, MMMUT, Gorakhpur	Mr. Vikas Tripathi	ECE Seminar Hall

**Day II : Saturday, 9<sup>th</sup> June, 2018**

Time	Activity	Speaker	Reportee	Venue
10:00am – 01:00 pm	3 <sup>rd</sup> Session (Raman Sabhagar)	Dr. Ankur Bansal, Asstt Professor, NSIT, New Delhi	Ms. Rumi Rastogi	Raman Sabhagar
	3 <sup>rd</sup> Session (ECE Seminar Hall)	Dr. N.P. Gupta, Professor, ABESEC, Ghaziabad	Ms. Pushpanjali Singh	ECE Seminar Hall
01:00 pm – 02:00 pm	Lunch	-		Management Lawn
02:00pm – 2:30pm	Valedictory Session ❖ Certificate Distribution ❖ Best Paper/ Organizer (faculty & student)			Raman Sabhagar
02:30 pm – 02:35 pm	Vote of thanks	Dr. V.K Gupta		Raman Sabhagar
2:35pm	High Tea			Management Lawn

**TECHNICAL SESSION : I (VENUE : RAMAN SABHAGAR)**  
**TRACK 1 : POWER SYSTEM, ENERGY & CONTROL**

**TIME: 11:30 AM - 01:30 PM**

**DATE: 8<sup>th</sup> June, 2018**

S. No.	Paper ID	Title of the Paper
1.	NC2018EN 01	<b>The Next Generation Smart Grid: A Technological Review</b> Saloni Srivastav, Nishita Sinha, Rahul Kaushik
2.	NC2018EN 02	<b>Smart Parking System with Enhanced Web Interface</b> Deepak Mittal, Rahul kaushik,
3.	NC2018EN 25	<b>Modeling And Simulation of FC-TCR to Compensate Reactive Power in Power System</b> Shilpa Gupta, Ansh Bhatnagar, Abhishek Maruya, Mahendra Gupta, Ankit Pal
4.	NC2018EN 84	<b>Analysis of DC Link Capacitor in Doubly Fed Induction Generator for Wind Turbine</b> Shiv Prakash bihari, P K Sadhu, Satish Chand Paromita Sadhu, Bhupendra Sehgal, R N Chaubey, D Tiwari
5.	NC2018EN 40	<b>Reactive Power Control Using STATCOM</b> Sadaf Naqvi, Ansh Bhatnagar, Abhishek Maruya, Mahendra Kumar Gupta, Ankit Pal.
6.	NC2018EN 45	<b>Review of Magnetizing current phenomenon in steady state condition</b> Shivam Mishra, Meenakshi Mataray, Samsuddin
7.	NC2018EN 46	<b>Review Of Doubly Fed-Induction Generator For Power Generation</b> Samsuddin, Meenakshi Mataray, Shivam Mishra
8.	NC2018EN 86	<b>Analysis of Multilevel Inverter Using H-Bridge and Diode Clamped Topology</b> Mayank Sandilya
9.	NC2018EN 54	<b>Voltage and Frequency Regulation of SEIG using Generalized Impedance Controller (GIC)</b> Nirmal Kr Agarwal, P K Sadhu, S P Bihari, Paromita Sadhu, H Shukla, Md Faiz, Ishan Singh, Devesh Gautam, S Srivastava

**TECHNICAL SESSION: I (VENUE : ECE SEMINAR HALL)**

**TRACK 1 : SIGNAL PROCESSING ,VLSI**

**TIME : 11:30 AM - 01:30 PM**

**DATE: 8<sup>th</sup> June, 2018**

S. No.	Paper ID	Title of the Paper
1.	NC2018EC 50	<b>Real time speech enhancement using DSK TMS320C6713 by Noise Minimization</b> <i>Nishant Sirohi, IshaSharma , Garima singh</i>
2.	NC2018EC 11	<b>Low power ALU design using Low Power Full Adder</b> <i>Akash Pandey,Ankit Ku. Maurya,AshutoshYadav,Astitva Chauhan</i>
3.	NC2018EC 41	<b>Implementation of fixed point 2-D Gaussian filter for image processing using vivado application based on FPGA</b> <i>Nivida Jain</i>
4.	NC2018EC 49	<b>Design and implementation of I2C master on ISIM using Verilog</b> <i>Chirag Aggarwal, Devesh Pushkar, Deepak Singh, Himanhsu Malhotra, Tripti Tripathi</i>
5.	NC2018EC 51	<b>Development of an ASIC for Serial Protocol Interconversion</b> <i>Rishi Tripathi ,SakshamTanwar,Tripti Tripathi</i>
6.	NC2018EC 66	<b>Electromyography (EMG) Signal Classification forIndividual Finger Movement</b> <i>SmitaSrivastava,VedantBharadwaj, Virendra Jain, Yashsvi, PoojaPathak</i>
7.	NC2018EC 67	<b>Effect of Width Variation of Coupled Inductive VLSI Interconnect Line on Transition Time and Crosstalk Noise</b> <i>Prabhashsingh, Mohit kumarsingh, Ajay Kumar Chauhan</i>
8.	NC2018EC 68	<b>Analysis of Interconnect Delay Considering Crosstalk Noise in VLSI Circuits</b> <i>Prabhashsingh, Mohit kumarsingh, Ajay Kumar Chauhan</i>
9.	NC2018EC 69	<b>Design of Multi-Output Operational Transconductance Amplifier (MOOTA) based Oscillator</b> <i>Chesta Gambhir, Divya Rai, Gaurav Puri, Manish Gupta</i>

**TECHNICAL SESSION : II (VENUE : RAMAN SABHAGAR)**

**TRACK 2 : SIGNAL PROCESSING , VLSI**

**TIME: 02:15 PM - 04:00 PM**

**DATE: 8<sup>th</sup> June ,2018**

S. No.	Paper ID	Title of the Paper
1.	NC2018EC 13	<b>Tongue Driven Vehicle for DifferentlyAbled People with Vehicle TrackingTechnology and Flexible SpeedRegulation</b> <i>Trishti Gupta, Saurabh Singh, Shivam Mishra, Ritu Sharma, Nishant Kushwaha, Sulekha Saxena</i>
2.	NC2018EC 48	<b>A Review On Eye Ball Detection Based Wheelchair Control Using MATLAB And Arduino Platform For A Physically Disabled Person</b> <i>Rashmi Jain, Yatika Kulshrestha , Shobhit Aggarwal</i>
3.	NC2018EC 73	<b>Hardware Co-Simulation of Linear Phase Fir Filters Using Xilinx System Generator</b> <i>Ankit Tyagi,AnmolGupta,AmitSharma,Ayush Sharma, V K Gupta</i>
4.	NC2018EC 81	<b>Design of Low Power Voltage Level Shifter using Multi-Threshold Voltage Design</b> <i>AayushiSinghal , Abhay Kumar , Akash Deep Jaiswal , Akash Dubey , Aakriti Chhabra</i>
5.	NC2018EC 85	<b>Study of Face Detection and Recognition using Viola-Jones Algorithm</b> <i>Sarvesh Kumar Verma, Harsh Vikram Singh, Purnima Pal</i>
6.	NC2018EC 62	<b>Hand Gesture Controlled Wheelchair using Flex Sensor</b> <i>Diksha Chadha ,DivyaAgarwal,Bhavna Chaudhary, Charu Sharma, Nutan Raghav</i>
7.	NC2018EC 87	<b>Analysis &amp;Comparision of Various Low Power SRAM Cells</b> <i>Shivani chola,Vipul Bhatnagar</i>
8.	NC2018EC 39	<b>A literature review on IOT Innovation</b> <i>Jitender Kumar, Shubham Vishnoi, Shiv Narain Gupta ,Manish Gupta</i>
9.	NC2018EC 27	<b>Application of Virtual Reality in the field of Sports and Fitness</b> <i>Shalu Chauhan, Shubham Negi, Samarth Srivastav,Shubham Khanna ,IeshaanSharmaa</i>

**TECHNICAL SESSION : II (VENUE : ECE SEMINAR HALL)**  
**TRACK 2: POWER SYSTEM, ENERGY & CONTROL**

**TIME: 02:15 PM - 04:00 PM**

**DATE: 8<sup>th</sup> June ,2018**

S. No.	Paper ID	Title of the Paper
1.	NC2018EN 61	<b>Analysis of photovoltaic array based DC-DC converter</b> <i>Mohit Sharma</i>
2.	NC2018EN 70	<b>PIC Microcontroller based AC Power Control Methods</b> <i>Himanshu Tripathi, Payal Garg</i>
3.	NC2018EN 72	<b>Design and Control of Bidirectional DC-DC Converter for Electric Vehicle</b> <i>Ratan Raju Ravela, Dharmendra Kumar Singh, Navneet Gaurav, Nitin Dubey</i>
4.	NC2018EN 76	<b>Dynamic Wireless Charging of an Electric Car Battery</b> <i>Gaurav Kumar Chaubey, Ravi Pratap Singh, Shivam Shukla, Sanjay Gairola</i>
5.	NC2018EN 78	<b>Design and Control of PV fed Z-Source three phase 3-level neutral point clamped multilevel inverter using SVPWM technique</b> <i>SwapankumarBaksi, Anand Kumar, Rahul Raman, Ashiwani Yadav, Pradip Kumar Sadhu</i>
6.	NC2018EN 79	<b>Recent trends in Solar Energy Generation and its Impacts on Environment</b> <i>Harshit Gupta, Ashiwani Yadav, Jagannath Patra, Rahul Raman, Anand Kumar, Nitai Pal, Pradip kumar Sadhu</i>
7.	NC2018EN 35	<b>Maximum Power Point Tracking in Solar PhotovoltaicSystems: A Comprehensive Review</b> <i>Majid Jamil, M.Rizwan, Arjun Baliyan, Sonia Lamba.</i>
8.	NC2018EN 47	<b>Performance of Unified Power Flow Controller (UPFC)</b> <i>S P Bihari, Bhupendra Sehgal ,Devender Tiwari, R N Chaubey</i>
9.	NC2018EN 18	<b>Feature identification to detect CT Metastases</b> <i>Abhay Krishan, Deepti Mittal</i>

## TECHNICAL SESSION : III (VENUE : RAMAN SABHAGAR)

### TRACK III : COMMUNICATION, MEMS DESIGN

TIME :10:00 AM - 01:00 PM

DATE: 9<sup>th</sup> June, 2018

S. No.	Paper ID	Title of the Paper
1.	NC2018EC 06	<b>Implementation of AMBA AHB Protocol with using of FIFOs in Burst Transmission</b> <i>Prakhar Nayak, Abhinav Bansal</i>
2.	NC2018EC 08	<b>Performance Analysis of Dual Hop SISO under RF Channel</b> <i>Shivam Gupta , Shubham Aggarwal, Neha Singhal</i>
3.	NC2018EC 14	<b>Mixed RF/FSO Communication System With L×1 DF Relay Over Generalized Fading Channels</b> <i>Ankur Bansal</i>
4.	NC2018EC 15	<b>Effect of Pointing Error on The Performance of DF Based Differential Cooperative FSO Network</b> <i>Ankur Bansal</i>
5.	NC2018EC 20	<b>Wireless Electricity : The New Power of Life</b> <i>Amita Agnihotri, Pragya Tomar, Pooja Soni, Pallavi Kandpal, Yash Agrahari</i>
6.	NC2018EC 24	<b>Circular Microstrip Patch Antenna 4x1 Array Using U Slot for Gain Enhancement</b> <i>Anuradha Gupta, AK Singh, SP Gangwar, Shweta Sharma</i>
7.	NC2018EC 26	<b>Compact Switch Beam CDRA for Broadband Pattern Reconfigurability</b> <i>Pramod Kumar, Mukh Ram, Abhishek Dhyani, Aman Kumar, Amit kumar Singh, Anjali Gupta</i>
8.	NC2018EC 28	<b>Inverted T-Shaped AandA Rectangular Slot on Microstrip Patch Antenna For X Band Application</b> <i>Manu Pandit, Y K Mishra, Yogesh Kumar Mishra</i>
9.	NC2018EC 30	<b>Performance Analysis of Single Input Multiple Output System(SIMO) Under RF Channel</b> <i>Chitra Bharti, Farheen Raza, Nidhi Gussain ,NidhiNeekunj , Shailly Khanna</i>
10.	NC2018EC 34	<b>Automatic Tubewell Power System</b> <i>Madhu Pandey, Kunal Verma, Himanshu Tomar, Mukesh Patel</i>
11.	NC2018EC 64	<b>An Aperture Feed Inverted Swastika DRA MIMO Antenna for Wireless Applications</b> <i>Mukh Ram, Amit Srivastava, Amit Yadav, Abhishek Yadav, Adarsh Shukla, Pramod kumar</i>
12.	NC2018EC 65	<b>Smart Dustbin For Economic Growth</b> <i>Shubham Mittal, Shubham Vasudeva, Siddarth Sharma, Sumit Kumar Gupta, Archana Agarwal</i>
13.	NC2018EC 77	<b>Foot Step Power Generation Using Piezoelectric Sensor</b> <i>Meenakshi Sharma, Himanshu Saxena, Karan Aggarwal, Manisha Handa, Manjul Mayank</i>
14.	NC2018EC 83	<b>Women Security System</b> <i>Prannoy Roy, Prabhjot Singh, Shailendra Singh, Pranab Tyagi, Ritu Agrawal</i>
15.	NC2018EC 89	<b>Street Light Automation</b> <i>Dhiresb Bahl, Harsh Wardhan Malik, Kapil Bardhan, Deepanshu Soni, Bikram Kabir Singh, Vishal Gupta</i>
16.	NC2018EC 90	<b>Design of Automatic Radiation Pattern Plotter for Microwave Antennas</b> <i>Mukh Ram, Pramod Kumar, Raja Sharma, Rohit</i>

**TECHNICAL SESSION : III (VENUE : ECE SEMINAR HALL)**  
**TRACK 3 : MICROCONTROLLER/EMBEDDED SYSTEM**

**TIME : 10:00 AM - 01:00 PM**

**DATE: 9<sup>th</sup> June, 2018**

S. No.	Paper ID	Title of the Paper
1.	NC2018EC 9	<b>Advanced Pill Reminder Kit</b> <i>Meenakshi Sharma, Shivani Grover, Aman Sharma, Shivansh Shukla, Shivangi Tyagi</i>
2.	NC2018EC 16	<b>Smart Traffic Congestion Control System</b> <i>TriptiSharma ,Veenu Grover , Uma Sharma ,Yeshu Sharma, Apurva Rajput</i>
3.	NC2018EC 17	<b>Study of Menu Ordering System using Arduino and Zigbee technology</b> <i>TriptiChugh, Swati Chauhan, Shubhangi Gupta</i>
4.	NC2018EC 19	<b>Artificial Intelligence's Malicious Use System</b> <i>Kriti Labhaniya, Vaibhav Mishra ,Neelesh Gupta</i>
5.	NC2018EC 22	<b>Safety Headgear</b> <i>Uma Sharma ,PranavTomar ,SahibaMiglani,Pranjali Sharma ,Nirman Vats</i>
6.	NC2018EC 31	<b>IoE (Internet of Everything)-Integrated Networking</b> <i>Rahul Sharma, Rashi Gupta</i>
7.	NC2018EC 32	<b>Patient Health Monitoring System</b> <i>Shalini singh, Nirali, Preeti Kasana, Payal Ratra</i>
8.	NC2018EC 36	<b>Home Automation System using Internet of Things</b> <i>Abhishek Kumar Prajapati, Saurabh Chand Yadav,Rinku Malik, Shashwat Jha</i>
9.	NC2018EC 37	<b>Theft Intimation of the Vehicle To The Ownerusing GSM and GPS</b> <i>Pooja Raghav ,PrachiLandge , Priya Dagur</i>
10.	NC2018EC 44	<b>Magic Mirror using Raspberry PI</b> <i>Harsh Kumar Singh, Kartik Gupta, Gaurav Singh,Dheeraj sharma, Shafali Jagga</i>
11.	NC2018EC 71	<b>Emissary Robo</b> <i>Deepanshu Gupta ,ChetanDhoundiyal,Hardik Bhutani , Devansh Singh Jadon, Nutan Raghav</i>
12.	NC2018EC 52	<b>Wifi Controlled Robot</b> <i>Lakshita, Nidhi Singh, Nikki, Kishan Gupta, Shalini Singh.</i>
13.	NC2018EC 56	<b>RFID based Security Access Control System</b> <i>Ajay Prajapati, Akshat Bisht, Pooja Mishra</i>
14.	NC2018EC 59	<b>Keyless Typing Device for Visually Impaired People</b> <i>Aayush Pathak, Akshat Sharma, Pushpanjali Singh</i>
15.	NC2018EC 63	<b>Internet Controlled Robotic Car</b> <i>Aman Sharma,Akriti Satyarathi, Ajay Bisht, Deeksha Sharma</i>
16.	NC2018EC 05	<b>Smart Drip Irrigation System using IoT with Artificial Lights</b> <i>Rohan Sharma, Abhinav Bansal, Rupal Mishra</i>