



**Department of Electronics and Communication
Engineering,
Madan Mohan Malaviya University of Technology,
Gorakhpur**

Summary of the papers to be presented in RTDC²-2019

Type of Presentation	Oral Session	Outside of MMMUT Gorakhpur	32
		Inside of MMMUT Gorakhpur	81
	Poster Session		29
	Experts from Outside		05
	Experts from Inside		03

Two Days National Conference on Recent Trends in Devices, Circuits and Communication (RTDC²-2019) April 15-16, 2019								
		Date- 15th April 2019(Monday) Venue: Aryabhata Hall (ITRC)						
		<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Time</td> <td>Session</td> </tr> <tr> <td>09.00 - onwards</td> <td>Registration</td> </tr> </table>	Time	Session	09.00 - onwards	Registration		
Time	Session							
09.00 - onwards	Registration							
1	KNT-1	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">09.30 – 10 :30</td> <td>Inaugural Function</td> </tr> <tr> <td>10.30 - 11.00</td> <td>High Tea</td> </tr> <tr> <td colspan="2">Keynote Speech (11.00-11.30)</td> </tr> </table>	09.30 – 10 :30	Inaugural Function	10.30 - 11.00	High Tea	Keynote Speech (11.00-11.30)	
09.30 – 10 :30	Inaugural Function							
10.30 - 11.00	High Tea							
Keynote Speech (11.00-11.30)								
Technical session - IA (Microwave and Optical Communication) Venue: Vivekanand Seminar Hall (ECED) Time: 11.40 -13.00 Date- 15 th April 2019 (Monday) <i>Session Chairman: Mr. Ravi Prakash</i> <i>Session Co-Chairman: Dr Pooja Lohia</i>								
Contributory Papers*								
2	RTDCC2019/5	Circularly Polarized Compact Wide slot Microstrip-Fed Antenna for Wideband applications Akansha Yadav, Sudhanshu Verma						

3	RTDCC2019/6	Dual Band Printed Compact Trident Shaped Monopole Antenna with Inverted L-shaped For Wireless Communication Chandrakant Jatav, Sudhanshu Verma
4	RTDCC2019/10	Circularly-Polarized Microstrip Fed Antenna for Dual Frequency Ankit Kumar, Sudhanshu Verma
5	RTDCC2019/26	Comparative study of microelectromechanical switches for RF applications: A Review Kurmendra, Rajesh Kumar
6	RTDCC2019/35	Analysis of Terabit Superchannels for Maximum Reach Based on 27.75-GBaud PM-QPSK, PM-8QAM, or PM-16QAM over standard single mode fiber Shikha, Ajay kumar Yadav, Y.K Prajapati
7	RTDCC2019/53	T-Shape MIMO Antenna with Defected Ground for 5G Applications Himanshu Gupta, Rohit Chaurasia, Rajeev Verma, Sameer Bhargava, Praveen Kumar Rao, Rajan Mishra
8	RTDCC2019/55	Ultra-Wideband Monopole Microstrip Filtenna with Hairpin Structure for Wireless Applications Mohammad Hassan and Rajan Mishra
9	RTDCC2019/57	Improve Isolation Of Uwb Mimo Antenna By Using Neutralization Line Nivedita Srivastava, Rajan Mishra
10	RTDCC2019/60	A Circular Slot Loaded H-Shaped Printed Microstrip Patch Antenna for Lower Band 5G Applications Vikash Chandra Sharma, Sudhanshu Verma
11	RTDCC2019/68	Two Port Ring Shaped DR Based MIMO Antenna for WLAN application Neetu Singh, Gagan Deep Bharti
12	RTDCC2019/69	Wideband Ring Dielectric Resonator Antenna Using C Shaped Parasitic Elements Neetu Singh, Gagan Deep Bharti
13	RTDCC2019/82	Printed Circularly Polarized P-Shaped Patch Antenna for Wireless Communication Application Saurabh Singh, Dr. Sudhanshu Verma
14	RTDCC2019/83	Square Shape CPW Antenna for Breast Cancer Detection Praveen Kumar Rao, Rajan Mishra
15	RTDCC2019/113	Millimeter Wave Slotted Micro Strip Patch Antenna for next generation 5G Communication Surendra Kumar Gupta

Technical session - IB (Semiconductor Devices, VLSI and Materials)

Venue: Dr Vikram Sarabhai (MED)

Time: 11.40 -13:00

Date- 15th April 2019(Monday)

Session Chairman: Dr Anand Darji

Session Co-Chairman: Mr. Rohit Kr Tiwari

Contributory Papers*

16	RTDCC 2019/4	Feedback Loop based Energy Efficient Hybrid 1-bit Full Adder Anil Singh, Manish Kumar
17	RTDCC 2019/27	Study of Cascode Current-Source Based Operational Transconductance Amplifier Using AMS 0.35μm Technology Bhanu P. Singh, Prachi Parashar
18	RTDCC 2019/56	Design of 4:2 Energy-Efficient Compressor using Hybrid 1-bit Full Adder Anil Singh, Manish Kumar
19	RTDCC 2019/58	Influence of Graded Channel on Performance of Symmetric Double Material Gate Insulator FDSOI MOSFET Anjali Gupta, R.K. Chauhan
20	RTDCC 2019/61	Effects Of Gate Oxide Thickness And Its Dielectric Strength In WS₂ Based TMDFET Prachi Singh, Bramha P. Pandey
21	RTDCC 2019/79	Impact of Source/Drain Engineering on Performance of Single Gate and Dual Gate Junctionless MOSFET Jyotsana Singh, Narendra Yadava, R.K. Chauhan
22	RTDCC 2019/80	High-k and Low-k Gate Dielectric Stacking for Low Voltage Organic Thin Film Transistors Shagun Pal and Brijesh Kumar
23	RTDCC 2019/81	Performance Analysis of Bootstrapping Techniques to Overcome the Threshold Voltage Drop in NMOS Logic Design Mangal Deep Gupta, B.P. Panday, R.K. Chauhan
24	RTDCC 2019/84	Recent Development in Ga₂O₃ MOSFETS for High Power RF Applications Narendra Yadava, R. K. Chauhan
25	RTDCC 2019/99	A review on performance analysis of CMOS inverter Saurabh Kumar Singh, Mangal Deep, R K Chauhan
26	RTDCC2019/100	Design and Analysis of Low Power and HighSpeed Hybrid 1 bit full adder circuit P.K.Sharma & Manish Kumar
27	RTDCC2019/106	Design and Performance Analysis of Low Power Digital Circuits in Nanoscale Technology Shraddha, and Manish Kumar
28	RTDCC2019/112	Theoretical Analysis of GaN/AlGa_n Based quantum well Structures Ranjeeta, Sneha Sharma, Dharmendra Kumar

Technical session -IC (Wireless Communication)

Venue: Aryabhata Hall (ITRC)

Time: 11.30 -13:00

Date- 15th April 2019(Monday)

Session Chairman: Dr Sushil Chandra

Session Co-Chairman: Dr Sudhanshu Verma

Contributory Papers*

29	RTDCC 2019/2	Performance Comparison of Hadamard Code and Multi-Diagonal Code in SAC-OCDMA system Brijesh Bharti	
30	RTDCC2019/17	Open-Loop Resonator with Interdigital Capacitor Bandpass Filter For Wireless Application Kangana Saini, Kundan Singh Rathore	
31	RTDCC2019/45	Reduction of PAPR in OFDM System using DFT Precoder and A-Law Companding Ajay Kumar Yadav, Y.K. Prajapati	
32	RTDCC2019/48	Optimal Simultaneous Power and Rate Adaption of Communication system over Inverse gamma Shadowed channels Pateshwari singh, Vipin Kumar Upaddhyay, S k Soni	
33	RTDCC 2019/71	Ultra Wide Band CPW Fed Antenna for Wireless Application Km. Priyanka, G.S. Tripathi, Manish Kumar	
34	RTDCC 2019/73	Comparative Study Of Different Types Of Mixer Technique Sanjay Kumar Gupta, Narendra Yadava, R K Chauhan	
35	RTDCC2019/74	Effective capacity of communication system over α-η-μ faded channels Vipin Kumar Upaddhyay, P S Chauhan, S k Soni	
36	RTDCC2019/76	Analysis of M-ary signaling for weak turbulence regime in FSO Communication System Aditya Pandey, Anupam Sahu	
37	RTDCC2019/78	Comparative Analysis of OOK and PSK modulation techniques for weak turbulence regime Aditya Pandey , Anupam Sahu	
38	RTDCC2019/87	New analytical expression of OPRA over Inverse-Gamma Shadowed Fading Channel with Selection Combining Diversity Saloni Srivastava, SK Soni	
39	RTDCC2019/88	A novel close form expression OPRA Over k-μ/Inverse-Gaussian η-μ/Inverse-Gaussian Fading channel with Diversity Reception Saloni Srivastava, SK Soni	
40	RTDCC2019/89	A New Analytical Expression of Channel Capacity with MRC Diversity over Composite model of α-μ/Inverse Gaussian fading distribution Rahul Maurya, SK Soni	
41	RTDCC2019/90	A New Analytical Expression of ASEP with MRC Diversity over Composite model of α-μ/Inverse Gaussian fading distribution Rahul Maurya, SK Soni	
42	RTDCC2019/91	Research Issues in Wireless Sensor Network Applications Rajan Singh	
43	RDCC2019/95	Performance Analysis of 2D PPM-CDMA System in Presence of Atmospheric Turbulence Ajay Yadav, Rashmi Yadav, Ashok Kumar, Dharmender Kumar	
44	RTDCC2019/97	Block Chain Technology: Systematic Review of Security and Privacy Problems and Its Scope with Cloud Computing Vishal Kumar Verma	
		13.00 -13.45	LUNCH

45	INV- 1	Invited Talk (13.45 – 14.15) (Venue: ITRC)
Technical session – IIA (Nano Photonics and Material) Venue: Vivekanand Seminar Hall (ECED) Time: 14.20 – 16.10 Date- 15th April 2019(Monday) <i>Session Chairman: Prof. R K Chauhan</i> <i>Session Co-Chairman: Dr Abhishekh Gupta</i>		
Contributory Papers*		
46	RTDCC 2019/09	DNA hybridization biosensor using silicon nanowire PIC waveguide Ritu Raj Singh, Rukmani Singh
47	RTDCC2019/19	Optical heating ability of Er³⁺-Yb³⁺ embedded TeO₂-WO₃ glass for thermometric applications Anurag Pandey, Dharmendra Kumar, H. C. Swart
48	RTDCC2019/28	2x4 90° Hybrids for Coherent Optical Communication Systems Anamika Singh, Dharmendra Kumar
49	RTDCC2019/63	Impact of Barrier Thickness and Height on the Current-Voltage (I-V) Characteristics of GaAs/Ga_{1-x}Al_xAs Quantum Cascaded Laser Manish Kumar Yadav, B.P. Pandey, Dharmendra Kumar
50	RTDCC2019/75	Study of Optical Property of Five Ring Hexagonal Photonic Crystal Fiber Gyan Prakash Mishra, Vijay Shanker Chaudhary, Dharmendra Kumar
51	RTDCC2019/77	Highly Birefringence And Flattened Dispersion Photonic Crystal Fiber For Polarization Maintaining Arpit Singh Yadav, Vijay Shanker Chaudhary, Dharmendra Kumar
52	RTDCC2019/86	A Review on Photonic Crystal Fibers Arati Kumari Shah, Rajesh Kumar
53	RTDCC2019/98	Assessment of structural & optical property of (Ge_{11.5} Se_{67.5} Te_{12.5})₁₀₀ & (Ge_{11.5} Se_{67.5} Te_{12.5})₉₀Sb₁₀ glasses for photonic application Surabhi Mishra, Pooja Lohia and D.K. Dwivedi
54	RTDCC 2019/103	Effect of Zr⁴⁺ ion on the Structural and Dielectric Properties of NaNbO₃ Ceramics Abhinav Yadav, Mohd. Fahad, Sukhanidhan Singh, P. M. Sarun
55	RTDCC2019/104	Radio frequency Microwave photonic filter Using Coherent Detection Scheme Abhinav Gautam, Amitesh Kumar
56	RTDCC2019/109	Study of Solid Core Photonic Crystal Fiber for Supercontinuum Generation Aparna Singh, Arpit Singh Yadav, Sneha Sharma, Dharmendra Kumar
57	RTDCC2019/110	Design and Analysis of Different Structures for Photonic Crystal Fiber Amit Shekhar Sinha, Dharmendra Kumar, Bramha P Pandey, Manish Mishra

Technical session – IIB (Artificial Intelligence, IOT and Signal Processing)

Venue: Dr Vikram Sarabhai (MED)

Time: 14.20 – 16.20

Date- 15th April 2019(Monday)

Session Chairman: Mr. Mirza Mohammad Zaheer

Session Co-Chairman: Dr Brijesh Kumar

Contributory Papers*

58	RTDCC2019/1	A Study on Heart and Lung Sounds Segregation Signal Processing Techniques for Assisting Medical Professionals Shivam Parashar, Toshezulu Jamir, Bikash Malakar, Vikash Pandey, Anil Kumar Gautam, Madhusudhan Mishra
59	RTDCC2019/12	Hybrid LiFi and WiFi Network Based IoT Huma Khan, O P Singh
60	RTDCC2019/14	A Soft Computing based intelligent lifestyle management system for Type 2 Diabetic Patients Rajkrishna Mondal, Abhishek, Pushpendra Kumar Gupta
61	RTDCC2019/15	A Hesitant Fuzzy based expert system in Human Decision Making Rajkrishna Mondal, Abhishek, Pushpendra Kumar Gupta
62	RTDCC2019/20	Video Denoising By Combining Of Filters Richa Srivastava, Anil kumar, O.P. Singh
63	RTDCC2019/34	Cloud computing with load balancing approach: A Systematic Survey Namrata Raj, Vishal Kumar Verma
64	RTDCC2019/37	Multipoint Deflection Analysis using Non-Contact Image Based System Ranvijay Singh, R. K. Shukla
65	RTDCC2019/39	Optimized approach for Reduction of Higher Order Interval System Ashish Mishra, Toohina Pandey, Shekhar Yadav
66	RTDCC2019/41	Block Chain Technology: Systematic Review of Security and Privacy Problems and Its Scope with Internet of Things (IoT) Vishal Kumar Verma
67	RTDCC2019/44	Multi-Criteria Decision Making: A Complete Review on Selection, different problems and Adoption of Cloud Service Vishal Kumar Verma
68	RTDCC2019/47	Crop based Automatic Irrigation System (KISAN MITRA) Sanat Kumar Pandey
69	RTDCC2019/52	An Image Retrieval Technique using Color and Texture Features Tripti Tripathi, Rohit Kumar Tiwari, Nagendra Pratap Singh
70	RTDCC2019/54	A Literature Review on Data Security in Cloud Computing Anamika Chaudhary, Aravendra Kumar Sharma, Sushil Kumar Saroj
71	RTDCC2019/66	Diagnosis of Breast Cancer by Image Processing and Acquisition Aman Gautam, Brijesh Kumar
72	RTDCC2019/85	Planar Four-Bar Mechanism Synthesis for Tracing Close Curves Using Harmony Search Method Anurag Singh, R. B. Prasad
73	RTDCC2019/102	Home Automation and Security using Advanced Communication Technologies Devansh Mohan Dwivedi, Manish Kumar Rai
74	RTDCC2019/107	Handover Authentication Scheme for D2D Communication in 5G-WLAN Heterogeneous Network Amit Kumar

Technical Session – IIC (Thin Film materials and Devices)**Venue: Aryabhata Hall (ITRC)****Time: 14.20 – 16.20****Date- 15th April 2019(Monday)***Session Chairman: Dr Dinesh Kr Mishra**Session Co-Chairman: Dr Diwakar Yadav***Contributory Papers***

75	RTDCC2019/7	Effect of ETL layer thickness on perovskite (CH₃NH₃PbI₃) solar cell Ravi Shankar Yadav, Major G.S. Tripathi, Bramha P. Pandey
76	RTDCC 2019/22	Investigation Of AC Conductivity in Ge₈Se₆₀Te₃₀Sb₂ quaternary glass Pravin Kumar Singh, Pooja Lohia, D. K. Dwivedi
77	RTDCC 2019/30	Frequency and temperature dependence of electrical properties of Cu₅Se₇₅Te₁₀In₁₀ quaternary chalcogenide glass Priyanka Jaiswal, Pravin Kumar Singh, D. K. Dwivedi
78	RTDCC 2019/43	A New Era of Low Cost and High Efficient Solar Cells : Perovskites Shambhavi Rai, B.K. Pandey, and D.K. Dwivedi
79	RTDCC 2019/62	Variation Of PbS Layer Thickness In Colloidal Quantum Dot Solar Cell Ankita Sharma, Bramha P. Pandey
80	RTDCC 2019/64	Effect of thickness on optical constants of Se_{62.5}As_{37.5} chalcogenide thin films Anupam Lal, Pooja Lohia, D. K. Dwivedi
81	RTDCC 2019/67	Structural and Optical Properties Investigation of Sn doped ZnTe Thin Film Neha Pandey, Brijesh Kumar, D. K. Dwivedi
82	RTDCC 2019/70	Impact of Active Layer Thickness and Incident Beam Intensity on Organic Solar Cell Efficiency Suboori Najam and Brijesh Kumar
83	RTDCC 2019/93	Modeling of Photovoltaic Module with MATLAB/Simulink Yogesh Sahu, Prabhakar Tiwari, Rakesh Maurya
84	RTDCC 2019/96	Physico-chemical properties of Ge doped Se-Te chalcogenide glasses Vandita Rao, D. K. Dwivedi
85	RTDCC 2019/105	Linear and second-order nonlinear optical properties of LiAlTe₂, LiGaTe₂ and LiInTe₂ chalcopyrite semiconductors Satish Chandra, Rukmani Singh, Ritesh Kumar, Deepak Kumar
86	RTDCC2019/111	Thermoelectric Properties of GaSe semiconductor with a Maximally-Localized Wannier Functions Ved prakash Maury, Bramha P. Pandey Dharmendra Kumar and Manish Mishra

16.20 -16.30**TEA BREAK**

INV-2

Invited Talk-2 (16.30-17.00) [Venue: Vivekanad Seminar Hall (ECED)]

Technical Session -IIIA (Control System, Instrumentation)**Venue: Vivekanad Seminar Hall (ECED)****Time: 17.05-18.35****Date- 15th April 2019(Monday)***Session Chairman: Major G S Tripathi**Session Co-Chairman: Dr Shekhar Yadav***Contributory Papers***

87	RTDCC2019/8	Simulation of three phase PWM Rectifier for reduced Harmonics in Line Current using FOPID controller Ankur Kumar, Vijay Shankar, Dr. A.N. Tiwari
88	RTDCC2019/11	Harmonics analysis of Single phase VSI with 5 level and 7 level inverter Vijay Shanker, Ankur Kumar, Dr. A.N. Tiwari
89	RTDCC2019/13	Multiphysics Simulation for Integrated PCB Design and Operational Environment Analysis on behalf of EMI/EMC Rashid Jamal, Rajiv Kumar Singh
90	RTDCC2019/23	Performance Improvement of DFIG using Fractional Order PI Controller Tejashwani Mishra, Stuti Faith Luke, ShekharYadav
91	RTDCC2019/24	Enhanced MPPT Technique by using Fractional Order Fuzzy Logic Controller Naba Mahmood, Shekhar Yadav
92	RTDCC2019/25	Power quality Improved AC-DC SEPIC Converter Used For Welding Application Rahul Kumar Rai, Raj Kamal Tiwari, Dr.A.K.Pandey
93	RTDCC2019/31	Performance Analysis of Bridgeless Converter Based SMPS used for Welding Application Sumit Kumar Singh, Ashok Kumar Pandey, Anjani Kumar Prajapati
94	RTDCC2019/33	A Review on Different Methods of Wind Speed Forecasting Swapnil Kushwaha, Kishan Bhusan Sahay, Pankaj Kumar Singh
95	RTDCC2019/36	Interfacing Of Hybrid Power System With The Grid Sandeep Kumar Sharma, K P Singh
96	RTDCC2019/38	Reduction of Large Scale System Using Schure Based Balance Truncation Girijendra Tripathi, Awadhesh Kumar
97	RTDCC2019/40	Bidirectional AC-DC Converter for Electric Vehicle Charger Vivek Kumar Singh, Prabhakar Tiwari, Rakesh Maurya
98	RTDCC2019/49	A Single-Phase Grid-Connected Fuel Cell System With Single Stage Conversion Based on a Boost-Inverter Pankaj Kumar Singh, Kishan Bhusan Sahay, Swapnil Kushwaha
99	RTDCC2019/50	Power Quality Enhancement Through Shunt Active Power Filter Swapnil Kushwaha, Kishan Bhusan Sahay, Pankaj Kumar Singh
100	RTDCC2019/51	Study of MEMs based Embedded System in Effective Pre-detection of Earthquakes Richa Srivastava, Vivek Kumar Singh, Abhishek Yadav, Ambika Kumar Sharma, Brijesh Kumar

Technical session - IIIB (Sensors, Power electronics and Robotics)**Venue: Dr Vikram Sarabhai (MED)****Time: 17.05 – 18.35****Date- 15th April 2019(Monday)***Session Chairman: Prof S. K. Soni**Session Co-Chairman: Dr Prabhakar Tiwari***Contributory Papers***

101	RTDCC2019/3	A Review of Recent Innovations in Power Converter Technologies for Grid Integration of Solar Photovoltaic System Ankit Kumar Pandey, Prof. S.K. Srivastava
102	RTDCC2019/16	Solar Based Satellite Power System “An Overview” Divyanshi Srivastava, Prof.S. K. Srivastava
103	RTDCC2019/18	Efficient Glucose Sensor based on Silicon Rectangular Waveguide Swarnika kumara, Nishit Malviya, Vishnu Priye
104	RTDCC2019/21	Analysis of MEMS based Micro-hot plate for Gas Sensor Jagdeep Rahul, Kurmendra
105	RTDCC2019/29	A Study on Solar Tracking Systems for increasing throughput of Solar Panels Vikas Pandey, Anupam Kumari, Shivam Parashar, Madhusudhan Mishra
106	RTDCC2019/32	A Review of Single-Phase Grid Connected Transformerless Solar PV Inverters Pankaj Kumar Singh, Kishan Bhusan Sahay, Swapnil Kushwaha
107	RTDCC2019/42	Review Paper on comparison of DC to DC Converter for MPPT application in Photovoltaic Power Generation Abhinav Kumar Pandey, Dr.A.K.Pandey
108	RTDCC2019/46	High sensitive D-shaped plasmonic refractive index sensor based on surface plasmon resonance Shivam, Y.K. Prajapati
109	RTDCC2019/65	Performance Analysis of Fully Flexible Organic Humidity Sensor with Top-Contact and Bottom-Contact OTFTs Chandani Dubey Brijesh Kumar
110	RTDCC2019/92	Chalcogenide glass based plasmonic biosensor in near infrared range Rajneesh Raj, Pooja Lohia, D. K. Dwivedi
111	RTDCC2019/59	New LMI criterion to the Robust stability of discrete time systems with time-varying delays and generalized overflow nonlinearities Pushpendra Kumar Gupta, V. Krishna Rao Kandavli
112	RTDCC2019/72	Balance Truncation Method for Order Reduction of Interval System Ashish Mishra, Shekhar Yadav
113	RTDCC2019/94	Study and Output Performance of PMSG Based WECS by Using MPPT Control Technique Raj Kamal Tiwari, Rahul Kumar Rai, Dr.A.K.Pandey
114	RTDCC2019/101	Design of Discrete Time PID controller Ashish Mishra, Shekhar Yadav

19.30: Dinner

Date- 16th April 2019 (Tuesday)

		Time	Session
		09.00 - Onwards	Registration
115	INV-3	Invited Talk-3 (09.00-09.30)	(Venue: Vivekanad Seminar Hall)
116	INV-4	Invited Talk-4 (09.30-10.00)	(Venue: Vivekanad Seminar Hall)
		10.00-10.15	TEA BREAK
Technical session - IVA (Poster Presentation) Venue: Vivekanand (ECED) Time: 10.15-12.40 Date- 16th April 2019(Tuesday) <i>Session Chairman: Er. Ravi Prakash</i> <i>Session Co-Chairman: Dr Brijesh Mishra</i>			
Contributory Papers*			
117	RTDCC2019/ POS1	Vehicle Movement Based Street Lights with External Light Sensing Himanshu Dwivedi, Shivam Agrahari, Ayush Kumar, Jyant Singh Bhadauriya	
118	RTDCC2019/ POS2	Dip Level Detection and Health Monitoring Using IOT Arushi Singh, Rijwana Afasari, Chandra Shekhar Singh, Abhishek Pratap, Dr.Pooja Lohia	
119	RTDCC2019 /POS3	Object Tracking Self Balancing Robot on Raspberry Pi using Computer Vision (Open CV) Vidisha Yadav, Shubham Singh, Prince Kumar, Ekansh Bajpai, Dharmendra Kumar	
120	RTDCC2019/ POS4	IoT-based Anti-theft security system for Automobiles Ankit Singh,Sharad Kumar Yadav,Kumar Sanu,Shivani Kumari	
121	RTDCC2019/ POS5	Review of different approaches in Video Stabilization Aditi Singh, Parimal Pandey, Vikas Sharma, Ram Deen, Alok Kumar, Rajan Mishra	
122	RTDCC2019/ POS6	Wireless transmission of power generated from footsteps using piezoelectric effect Yash Mishra, Yashraj Pal, Vishal Kumar, Utkarsh Pratap Singh, Dr. Manish Kumar	
123	RTDCC2019/ POS7	RFID Library System Shruti Pandey, Ayush Kumar Sharma, Shubham Gupta, Jitendra Singh, Sudhanshu Verma	
124	RTDCC2019/ POS8	IOT Based Traffic Clearance System for Emergency Vehicles Sarang Shri, Princ Yadav, Chandra gupt Maurya, Samay Pritam Singh, Sudhanshu Verma	
125	RTDCC2019/ POS9	A Navigation System For The Visually Impaired Anushka Shukla, Archish Jaiswal, Sweta Maurya, Rishi	
126	RTDCC2019/ POS10	Advance Safety and Self-security System for Women Pallavi Singh, Anita Pal, Narendra Chaudhary, Waseem Khan, G S Tripathi	
127	RTDCC2019/ POS11	IOT Based Water Quality Monitoring System Pushplata Yadav, Ankit Singh, Rupam Chuahan, Brijesh Gupta, S.K Soni	
128	RTDCC2019/ POS12	Smart Dustbin Based on GSM Swarnika srivastava, Vivek Kumar, Deepa, Kirtimaan Vishwakarma , Dr Brijesh Kumar	

129	RTDCC2019/ POS13	Multilevel Car Parking System Durgesh Mishra, Krishna sahay, Gaurav Sharma, Ramprakash Verma, Dr. Dharmendra Kumar
130	RTDCC2019/ POS14	IOT Based Crop Monitoring System Prashant Tripathi, Ritika Goel , Payal Shikha, Rohit Kumar,Mr Anupam Sahu
131	RTDCC2019/ POS15	Accedent prevention bike with smart helmet Poornima Gupta, Chandrakant Ratna, Priya Jaiswal, Deepak Kumar, G.D.Bharti
Technical session - IVB (Poster Presentation) Venue: Dr Vikram Sarabhai (MED) Time: 10.15-12.40 Date- 16th April 2019(Tuesday) <i>Session Chairman: Dr Anand Darji</i> <i>Session Co-Chairman: Mr Satish Chandra</i>		
Contributory Papers*		
132	RTDCC2019/ POS16	Sensor based Designing of Overcrowded vehicle detection system Aishwarya Singh, Shivani Mishra, Abhishek Pratap Singh, Lavkush Mishra and Dr. Pooja Lohia
133	RTDCC2019/ POS17	Hostel attendance and monitoring system based on fingerprint recognition using IOT Shivangi Shukla, Shweta Singh, Priyanka Yadav, Ankit Singh
134	RTDCC2019/ POS18	Automatic Sun Tracking Solar Panel System With Self Cleaning Mechanism Medha Shukla, Narendra Mishra, Pankaj Kumar Jaiswal, Jaibrat Rao, Dr. Dharmendra Kumar
135	RTDCC2019/ POS19	Proximity Sensor Based Toilet Cleaning Reminder Abhya Tiwari, Vivek Kumar Gupta, Km. Akansha, Mamta Kumari, and Dr.Brahma P Pandey
136	RTDCC2019/ POS20	Gust Speed Turbine Power Generator Saurabh Singh, Satyajeet Kunwar, Roushan Singh Chauhan, Suman Chaudhary, G. S. Tripathi
137	RTDCC2019/ POS21	IOT Based Fire Detection And Monitoring System Utkarsh Sharama, Anup Soni, Ankur Kushwaha, Anshul Gupta, Gagandeep Bharti
138	RTDCC2019/ POS22	Smart Attendance System Using RASPBERRY PI and GSM Module Harit kumar, abhinav maurya, ajeet verma, shelendra kumar, Dr Bramha P Pandey
139	RTDCC2019/ POS23	Flood Detection System using Internet of Things Rahul Poddar, Abhishek Verma, Mukesh Kumar Singh,Vishal Srivasava, Dr. Dharmendra Kumar
140	RTDCC2019/ POS24	Automated Inventory Management System Shekhar Dubey, Somiya Bhandari, Nikita Singh, Ravi Nayak, Mr. Anupam Sahu
141	RTDCC2019/ POS25	Automatic Detection and Tracking for Video Surveillance Alok Kumar, Srishti Lalchandani, Randish, Bhupendra Gupta, Aditi Singh, RK Chauhan
142	RTDCC2019/ POS26	Design of an efficient and smart wheel chair Arti Gupta, Javed Alam, Pankhuri Srivastava, Ankit Kumar, and Manish Kumar
143	RTDCC2019/ POS27	Automatic Remote Health Monitoring System Srishti Srivastava, Shubham Sagar, Ashutosh Mall & Dr. Bramha P Pandey
144	RTDCC2019/ POS28	Smart Solar Walking Stick Gopesh Shakti, Himanshu Tiwari, Kaushik Singh, Vineet Kumar

145	RTDCC2019/ POS29	REMOTE SENSING FOR HAZARD MITIGATION (hazard mitigation and control in industry by robot through IOT) Shreya Mishra, Tanmay Kumar, Shreya Keshari, Prof R.K. Chauhan
		12.40 -14.00 Lunch
146	INV-5	Invited Talk-5 (14.00-14.30) (Venue: Vivekanad Seminar Hall)
		15.00 - 16.30 Participation Certificate Distribution
		16.30-16.45 Tea Break