

Technical Sessions

SESSION 1: Microwave Devices and Antenna Design I

Date: 11th October, 2019

Time: 9:15 am to 11:00 am

Venue: Class Room 51 (5th Floor), DJSCE.

Papers to be presented

Sr No	PAPER ID	Author Name	TITLE	Time
1	35	Bharati Singh , Nisha Sarwade, K. P. Ray	Analysis of unequally Spaced Linear Antenna Arrays to realize Aperture Tapering	9:15-9:30 am
2	45	Poonam Kadam ,	Modal Analysis Of Compact Dual Band Defected Ground Microstrip Antenna	9:30-9:45 am
3	66	Ameya Kadam , , K. P. Ray	Modal and Time-domain Analysis of Symmetric E-Shaped Slots for UWB Antenna with Frequency Band Notch Response	9:45-10:00 am
4	77	Sanjay B. Deshmukh	Wideband Designs of Gap coupled Rectangular microstrip antenna using parasitic C shaped patches	10:00-10:15 am
5	80	Anuja A Odhekar	Swastika Shaped Diagonal Slot on Square Microstrip Antenna for Circular Polarization	10:15-10:30 am
<i>Concluding Comments from Session Chair</i>				

- **Highlighted** are the Registered and Presenting authors

SESSION 2: Embedded and Communication Systems

Date: 11th October, 2019

Time: 9:15 am to 11:00 am

Venue: Class Room 52 (5th Floor), DJSCE.

Papers to be presented

Sr.No	Paper ID	Author Name	TITLE	Time
1.	2	Neel Sanghvi, Harsh Benahalkar , Atharv Chavan	Development of an Automatic Safety Override System for a Shaft-based Machine	9:15-9:30 am
2.	42	Tito Nadar , Mehul Rawal, Jay Patel, Abhishek Shah, Mrs. Revathi A.S	A Novel Approach to Implement Decentralized Voting System using Block chain	9:30-9:45 am
3.	51	Priyanka Salian, Deepali Kayande , Amiya Kumar Tripathy	Social Inputs Analysis Targeting an Individual and Group	9:45-10:00 am
4.	52	Pooja V. Jha, Parth T. Thakar, Tushar Sawant	Prepaid Energy Meter using Solar Power and Wi-Fi	10:00-10:15 am
5.	63	Abhishek Das, Venkataramanan.V	Study of performance of an OFDM Transceiver using SDR platform	10:15-10:30 am
6.	64	Archana Chaudhari, Jahnvi Patel , Krishi Savla, Akshitha Shetty, Vrushika Shah	Women's Safety Band using IOT	10:30-10:45 am
7.	84	Sagar Hajare , Vivek Deodeshmukh	Telemedicine System for Health Monitoring in Remote Indian Areas	10:45-11:00 am
<i>Concluding comments from session chair</i>				

- **Highlighted** are the Registered and Presenting authors

Session 3: Skype Session 1: Signal Processing and Machine Learning I

Date: 11th October, 2019

Time: 3:30 pm to 5:15 pm

Venue: RF Lab, (5th Floor), DJSCE.

Papers to be presented

Sr. No.	Paper ID	Author Name	TITLE	Time
1.	25	Ajeeth B , Muthumanikandan V	Hybrid Load balancing approach for SDN-enabled M2M networks	3:30-3:45 pm
2.	50	Parth T. Thakar , Nigam Shah, Rishabh Shah, Vibhav Sharma Yukti Bandi	Antenna Based RF Energy Harvesting	3:45-4:00 pm
3.	27	Charu Vaibhav Verma , Dr. S. M. Ghosh	Dimensionality Reduction using PCA Algorithm For Improving Accuracy in Prediction of Cardiac Ailments in Diabetic Patients	4:00-4:15 pm
4.	34	Telagarapu Prabhakar , K. R. Anandh	Classification of Alzheimer's Condition in T1-Weighted MR Images using GLCM and GLRLM Texture Features	4:15-4:30 pm
5.	37	Dipti Watni , Sonal Chawla	Comparison of Image Formats to apply Image Steganography in Smartphones: A preliminary study	4:30-4:45 pm
6.	57	Huma Khan , Dr. S M. Ghosh	Crop Yield Prediction from Meteorological Data using Efficient Machine Learning Model	4:45-5:00 pm
<i>Concluding comments from session chair</i>				

- **Highlighted** are the Registered and Presenting authors

SESSION 4: Microwave Devices and Antenna Design II

Date: 11th October, 2019

Time: 3:30 pm to 5:15 pm

Venue: Seminar Hall, 3rd floor, DJSCE.

Papers to be presented

Sr No	PAPER ID	Author Name	TITLE	Time
1	28	Venkata A P Chavali , K. P. Ray	Analysis of Butterfly Shaped Compact Microstrip Antenna for Wideband Applications	3:30-3:45 pm
2	32	Rama Sanjeeva Reddy B , Prasad N, Nagesh Deevi	Evaluation and Testing of Dual band Reconfigurable Monopole antenna for Cognitive radio applications	3:45-4:00 pm
3	38	Mahadu A. Trimukhe , Balaji G. Hogade	A Compact Ultra-wideband (UWB) Antenna with Dual Band-Notched Characteristic-based on Small Size Electromagnetic Band-Gap (EBG) Structure	4:00-4:15 pm
4	41	Aarti G. Ambekar , K. P. Ray	Stub Loaded Semi-Annular Ring Microstrip Antenna For Multiband Dual Polarized Response	4:15-4:30 pm
5	54	V. D. Ghanvat, S. S. Kakatkar, J. K. Prajapati	Design Of Substrate Integrated Waveguide (SIW) Slotted Array Antenna Using Genetic Algorithm	4:30-4:45 pm
6	56	Rama Sanjeeva Reddy , Prasad N	Wearable Circular Polarized Fractal Shaped Antenna for Wireless and Defence Applications	4:45-5:00 pm
Concluding Comments from Session Chair				

- **Highlighted** are the Registered and Presenting authors

SESSION 5: Microwave Devices and Antenna Design III

Date: 12th October, 2019

Time: 9:15 am – 11:00 am

Venue: Class Room 51 (5th Floor), DJSCE.

Papers to be presented

Sr No	PAPER ID	Author Name	TITLE	Time
1	43	Venkata A P C, Shane Fernandes , Aarti G.Ambekar	Variation of E-shape Microstrip Antenna with Tapered Patch-width for Wideband Response	9:15-9:30 am
2	76	Megh Doshi, Meet Doshi , Sunil Karamchandni	Design and Analysis of single and multi-core antennas for under water sensing	9:30-9:45 am
3	62	Amit A. Deshmukh, Amita Mhatre ,	Rectangular slots Loaded Nearly Square Microstrip Antenna for Multi-band and Circular Polarized Response	9:45-10:00 am
4	81	Amit A. Deshmukh, Rutuja Patil , Rahul Maurya	Varying Angle Triangular Microstrip Antenna For Circular Polarized Response	10:00-10:15 am
5	70	Amar Choudhary , K P Ray, Amit A Deshmukh	Compact Wideband Printed Quasi-Yagi Antenna Fed By Monopole Element	10:15-10:30 am
Concluding Comments from Session Chair				

- **Highlighted** are the Registered and Presenting authors

SESSION 6: Signal Processing and Machine Learning II

Date: 12th October, 2019

Time: 9:15 am to 11:00 am

Venue: Seminar Hall (3rd Floor), DJSCE.

Papers to be presented

Sr.No.	PAPER ID	Author Name	TITLE	Time
1.	22	Snehal G. Modale , Ganesh S. Sable , R. R. Deshmukh	A Review : Devnagri Speech To Text For Marathwada Region	9:15-9:30 am
2.	29	Ranjushree Pal	Speech Compression with Wavelets and μ -law for Wireless Communication	9:30-9:45 am
3.	59	Shradha S. Pradhan , Rupali Patil	Comparison of Deep Learning Approaches For Plant Disease Detection	9:45-10:00 am
4.	69	Wallace Dalmat , Abhishek Das, Vivek Dhuri, Moinuddin Khaja and Sunil Karamchandani	Siamese Manhattan LSTM Implementation for Predicting Text Similarity and Grading of Student Test Papers	10:00-10:15 am
5.	75	Anita Patil, Soumya Banarjee, Gautam Borkar	A Survey on Securing Smart Gadgets using Lightweight Cryptography	10:15-10:30 am
<i>Concluding comments from session chair</i>				

- **Highlighted** are the Registered and Presenting authors

SESSION 7: SKYPE SESSION 2: Wireless Communication and Network I

Time: 1:45 pm to 3:30 pm

Venue: RF Lab (5th Floor), DJSCE.

Papers to be presented

Sr.No.	PAPER ID	Author Name	TITLE	Time
1.	9	Karthick Rajapandiyan , Ramakrishnan Sundaramoorthy , Veerakumar Palanivelayudham	Sliding Timer Expiry to Report Faults to Ethernet Ring Protection Mechanism	1:45- 2:00 pm
2.	20	Renuka B S, Adyanth H, Sowmya K and Swasthik B	Bridging services between Cellular and IP network for analog digital intercommunication	2:00-2:15 pm
3.	16	Shruti T. Pistolwala , Parth Thakkar, Sunil Karamchandani	Non-invasive Carotid Arteries Pulse Monitoring System	2:15-2:30 pm
4.	23	Akshita V. Nichani , Shruti T. Pistolwala, Amit A. Deshmukh, Manali J. Godse	Tele Health Monitoring System	2:30-2:45 pm
5.	58	Shaily Priyanka Bodra , Amritanjali	Performance analysis of Hybrid routing in MANET with group mobility for search and rescue Applications	2:45-3:00 pm
6.	78	Satya Mehta , Rahul Taware	Smart Traffic control using Bluetooth Mesh Technology	3:00-3:15 pm
7.	65	Suyash Ail , Bhargav Chauhan, Harsh Dabhi , Viraj Darji, Yukti Bandi	Hand Gesture Based Vocaliser for the Speech Impaired	3:15-3:30 pm
<i>Concluding comments from session chair</i>				

- **Highlighted** are the Registered and Presenting authors

SESSION 8: Wireless Communication and Network II

Time: 1.45 pm to 3.30 pm

Venue: Class Room 51 (5th Floor), DJSCE.

Papers to be presented

Sr.No	PAPER ID	Author Name	TITLE	Time
1.	1	Pallavi Sapkale , Dr. Uttam Kolekar	Handover Decision Algorithm for next generation	1:45-2:00 pm
2.	15	P. Susheelkumar , Dr. D. J. Pete	Spatial Clustering with Sequential CH Selection for Energy Efficient WSN	2:00-2:15 pm
3.	17	Jayant R. Nandwalkar , Dr. D. J. Pete	Amelioration In Measurement of Macro Bend Loss for Optical Fiber Retrospection	2:15-2:30 pm
4.	33	Anish Shetty, Harin Vashi , Aamir Khambaty, Devna Dave, Janvi Chitroda, Mohsin Khan, Shivani Bhattacharjee	Wi-Fi Controlled Robotic Arm Using Arduino	2:30-2:45 pm
5.	36	Ramesh k, Vidya pol	The study on twisted light communication using orbital angular momentum	2:45-3:00 pm
6.	40	Deepa Krishnan , Aadesh Mallya	A survey on Security Attacks in Internet of Things and Challenges in Existing Countermeasures	3:00-3:15 pm
<i>Concluding comments from session chair</i>				

- **Highlighted** are the Registered and Presenting authors