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<tr>
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<td>Lunch</td>
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<td>15:00-16:00 Valedictory Function</td>
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<td>20:00-21:30</td>
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</table>
Keynote and Invited Speakers

Keynote 1: Prof. Tapan K. Sarkar, Syracuse University, USA
Keynote 2: Prof. S K Koul, IIT, Delhi

Invited Talk-1:
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Invited Talk-3:
Invited Talk-4:
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Invited Talk-6:
Invited Talk-7:

IMICPW Venue

- National Institute of Technology, Tiruchirappalli, ECE Department

Day/Session Wise Hall Name

- Day 1: Inauguration and Keynote address: Barn Hall;
  Technical Sessions: A-11, A-12, EEE Auditorium
  Invited speakers: A-13


### Technical Session: 1

May 22, 2019 14:00-16:00

**Session Chair: Prof D C Pande**

**Hall:** EEE Auditorium

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<tr>
<th>ID</th>
<th>Paper Title</th>
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</table>
| 1  | Compact Circularly Polarized Fractal Patch Antenna using Defected Ground Structure | Sindhu Kotla, Varanashi Shivani  
1570524843  
NIT, Andhrapradesh |
| 2  | Design of a Two-Port Composite Dielectric Resonator Antenna for UWB MIMO Applications | Debarati Ganguly, Keerthipriya Sathish, Chinmoy Saha  
and Yahia Antar  
Royal Military College Canada |
| 3  | Design, Development and Parametric Analysis of Dual Polarized Antenna with High Isolation, Low Cross Polarization, High Gain for X-Band Applications | Vadlamudi Roja  
IIST, Trivandrum |
| 4  | Broadband Circularly Polarized Cylindrical Dielectric Resonator Antenna | Priya Ranjan Meher, Sanjeev Mishra  
IIIT, Bhubaneswar |
| 5  | Gain and Bandwidth Improvement of Circularly Polarized Pentagonal Patch Antenna | Guthi Srinivas, Vakula D and NVN Sharma  
NIT, Warangal |
| 6  | Omni Directional Circularly Polarized Zeroth Order Antenna using Asymmetric Unit Cell | Harish Adithya and D. Sriram Kumar  
NIT, Trichy |
| 7  | Tunable Multifunctional Reconfigurable Step Profiled Dielectric Resonator Antenna for Cognitive Radio Applications | Keerthipriya Sathish and Chinmoy Saha  
Indian Institute of Space Science and Technology, Trivandrum |

### Technical Session: 1

May 22, 2019 14:00-16:00

**Session Chair:**

**Hall:** A-11

**Machine learning**

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<tr>
<th>ID</th>
<th>Paper Title</th>
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</table>
| 1  | A Secured and Authenticated Internet of Things Model using Blockchain Architecture | Krishna Prasad Satamraju and Malar Kodi  
1570524368  
NIT Trichy |
| 2  | A Theoretical Implementation: Agriculture-Food Supply Chain Management using Blockchain Technology | S Madumidha, P Siva Ranjani, U Vandhana and B Venmuhilan  
Sri Krishna College of Technology, Coimbatore, India  
1570531572 |
National Institute Of Technology Tiruchirappalli, India  
1570531925 |
| 4  | Novel NFV entities managing scheme for telecom providers using Proof of Concept Blockchain | Rathina Vel Sundar, Balakrishnan Rebekka, Malar Kodi and Nagarajan Gunavathi  
NIT Tiruchirappalli, India  
1570534589 |
<table>
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<tr>
<th>ID</th>
<th>Paper Title</th>
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</table>
| 5  | Deep Learning Based Image Classification and Abnormalities Analysis of MRI Brain Images 1570535968 | Muthu Krishnammal P and Selvakumar Raja S  
*NIT Tiruchirappalli, India, Khakathiya Institute of Science and Technology for Women, India* |
| 6  | Unique Identity Management Scheme for Distributed NFV Market Place using Ethereum 1570536305 | Satish Ganta, Malar Kodi, Balakrishnan Rebekka and Nagarajan Gunavathiy  
*National Institute of Technology, Tiruchirappalli, India* |
| 7  | Non-linear, time-varying, user-controlled pseudo-random bit generator for application in cryptography 1570531624 | Shriya Salian, Pallavi Bhatia and Vishal Satpute  
*Visvesvaraya National Institute of Technology, Nagpur, India* |

**Technical Session: 1 (optical Networks)**

May 22, 2019 14:00-16:00  
Hall: A-12

*Session Chair:*  
Prof. G.Thavasi Raja, NIT, Tiruchirappalli

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<th>ID</th>
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</table>
| 1  | Physical Layer Impairment Aware Network Routing in Software Defined Optical Networks 1570536558 | Shrinivas petale, Harshavardhan unnibhavi, Jaising Thangaraj  
*IIT-ISM Dhanbad* |
| 2  | Analysis of Free Space Optical DPSK-SIM Based Communication System over Malaga Distributed Channel with Misalignment Fading 1570534395 | Vineeth pelliyembil, Jagadeesh V K, M C Nathan  
*NIT, Trichy* |
| 3  | Ring Topologies with Energy Efficient Scheduling of ONUs in TWDM PON 1570532458 | Bhargav Ram Rayapati, R Nakkeeran.  
*Pondichery University* |
| 4  | Optical Power Distribution and Statistical Analysis of Indoor Visible Light Communication 1570535130 | Adhithya Kumar, V sudha  
*NIT, Trichy* |
| 5  | Performance Analysis of a Visible Light Vehicle-To-Vehicle Wireless Communication System 1570531554 | Rahul singhal, Vima Gupta  
*BITS, Pilani* |
| 6  | Performance Improvement in Fingerprint Feature Extraction Using Minutiae Local Triangle Feature set 1570531910 | Rajendran Ananda Jothi, Jebakkannithya priya, Vellian palanisamy  
*Alagappa University, India* |
## Technical Session: 2

**May 22, 2019 16:15-18:00**

**Hall: EEE Auditorium**

**Session Chair: Prof S Raghavan**

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<tr>
<td>1</td>
<td>A Novel 3D Miniaturized, Wideband, Dual-Polarized Antenna with High Isolation, Low Cross Polarization for Advanced LTE/5G Base Station Application</td>
<td>Vadlamudi Roja, Indian Institute of Space Science and Technology</td>
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<tr>
<td>2</td>
<td>Antenna array for 5G C band for mobile terminals</td>
<td>Arun Yadav and Vamsi Palukuru, KIET Group of Institution</td>
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<td>3</td>
<td>A New Recursively Generated Array geometry for DOA Estimation</td>
<td>Priyadarshini Raiguru, R.K. Mishra, SOA University, Bhubaneswar</td>
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<td>4</td>
<td>A Compact wide band Multi-Stacked patch antenna for UWB applications</td>
<td>Parthasarathy Ramanujam, P g v Ramesh, Chandrasekar Arumugam, St. Josephs College of Engineering</td>
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<td>5</td>
<td>Metamaterial Based Quad Band Hexagonal Slot Antenna for Wireless Applications</td>
<td>Praveena Namanathan, NIT, Trichy</td>
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<tr>
<td>6</td>
<td>Analysis of Bending and Human Body Effects on Sleeve-Badge Textile Antenna Performance</td>
<td>Khandker Shafaet-UzZaman, Mohammad A Matin, North South University, Bangladesh</td>
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<tr>
<td>7</td>
<td>Design and Analysis of a Microstrip Antenna Array for High Gain Applications at mm wave frequencies</td>
<td>Kunooru Bharath, Srujana Vahini, Rama Krishna Dasari, Osmania University, India</td>
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## Technical Session: 2

**May 22, 2019 16:15-18:00**

**Hall: A-11**

**Session Chair: Dr. B. Malarkodi, NIT, Tiruchirappalli**

**Networking #1**

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<tbody>
<tr>
<td>1</td>
<td>Protection of messages using selective encryption based ESI scheme for MANET</td>
<td>Jebakkan Nithyapriya, Rajendran Anandha, Vellian Palanisamy, Alagappa University, India</td>
</tr>
<tr>
<td>2</td>
<td>Maximized Energy Efficiency Based Power Allocation Strategy in Wireless Cooperative Network</td>
<td>Elishetti Ramakrishna, NIT Andhra Pradesh</td>
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<td>3</td>
<td>Harvesting Capacity Analysis of IoT Vehicular Mesh Networks using Poisson Cox Point Process</td>
<td>Govindasamy Ananthi and Thiruvengadam S Jayaraman, Thiagarajar College of Engineering, Madurai, India</td>
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<tr>
<td>ID</td>
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</table>
| 4  | Low cost Received Signal Strength estimator for localization in wireless networks | Preeth Raguraman and Ramasundaram Mohan  
*National Institute of Technology, Tiruchirappalli, India* |
| 5  | A Survey on Network Functions Virtualization for Telecom Paradigm          | Pitta Vineel Anvith, Nagarajan Gunavathi, Malar Kodi and  
Balakrishnan Rebekka  
*National Institute of Technology, TRICHY, India* |
| 6  | Energy Efficient Design of Cooperative communication enabled Magnetic Induction based Non-Conventional Wireless Sensor Networks | Chaitanya Sharad Shinde and Vinay Kumar  
*Visvesvaraya National Institute of Technology Nagpur, India* |

**Technical Session: 2**

May 22, 2019 16:15-18:00  
Hall: A-12

*Session Chair: Prof N V N Sharma*

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</table>
| 1  | Design and Analysis of MEMS Based RF Capacitive Switch for DMTL Phase Shifter | T. Shanmuganantham  
*Pondicherry Central University* |
| 2  | Performance of Hexagonal Patch Antenna Influenced by Split Ring Resonator   | Sellakkutti Suganthi and Deepal Patil  
Christ University, Bangalore |
| 3  | A Review on Substrate Integrated Waveguide Transitions                      | Balamanikandan Krishnan and Raghavan S.  
*National Institute of Technology, Trichy* |
| 4  | Hardware and Latency Efficient Architecture for Successive Cancellation List Decoding of Polar Codes | Sistla Lakshmi Manasa and G Narayanan  
*NIT Trichy* |
| 5  | Analysis of a Compact RF MEMS Switch with Multiple Contacts using a Cantilever Beam | T. Shanmuganantham  
*Pondicherry Central University* |
| 6  | Bandwidth Improvement of Microstrip Antenna Using Hexagonal PDGS             | Sapna Bijimanzil Abdulkareem and Srivatsan G  
PSG College of Technology |
| 7  | Design and Development of Printed Antennas for SatelliteBased AIS Applications | Amar Dattatray Chaudhari, Prithish Chand and Kamala Prasan Ray  
Defence Institute of Advanced Technology (DIAT) |
**Technical Session: 3**

May 23, 2019 10:45-12:30  
Hall: A-11

Session Chair: T Shanmuganatham

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<td>1</td>
<td>Monopole Patch Antenna for C band Applications</td>
<td>Pradeep Singh and Runa Kumari. Birla Institute of Technology &amp; Science Hyderabad Campus</td>
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<tr>
<td>3</td>
<td>Microstrip Patch Antenna for application in Intelligent Transport Systems</td>
<td>Pradeep Singh, Kota SivaRamaKrishna Chaitanya and Runa Kumari. Birla Institute of Technology &amp; Science Hyderabad Campus</td>
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<tr>
<td>4</td>
<td>Frequency Reconfigurable Elliptically Polarized Slotted Diagonally Trimmed Patch Antenna</td>
<td>Shipra Bhatia and M. V. Deepak Nair. LNM Institute of Information Technology, Jaipur</td>
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<td>5</td>
<td>Simulation and Design of UWB MIMO Antenna for High Isolation</td>
<td>Selly Satpathy, Piali Ghose and Madhusmita Mohanty. Integrated Test Range, DRDO, Chandipur</td>
</tr>
<tr>
<td>6</td>
<td>Metasurface Loaded Patch Antenna For Wi-Fi Applications</td>
<td>Hariharasudhan K and Runa Kumari. Birla Institute of Technology &amp; Science Hyderabad Campus</td>
</tr>
<tr>
<td>7</td>
<td>CPW-Fed Inverted Six Shaped Antenna Design for Internet of Things (IoT) Applications</td>
<td>Ravi Teja and S Ashok Kumar. Jyothishmathi Institute of Technological Sciences, India</td>
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**Technical Session: 3**

May 23, 2019 10:45-12:30  
Hall: A-12

Session Chair: Prof. M D Selvaraj

**Wireless Communication #1**

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<tr>
<td>1</td>
<td>Resource Complexity Analysis for Sum-Rate Capacity in Millimeter-Wave Applications</td>
<td>Eduru Supraja and R Nakkeeran. Pondicherry University, India</td>
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<tr>
<td>2</td>
<td>An Alternate Optimal Power Allocation Method in MIMO Systems based on PSO</td>
<td>Juttu Ramesh and Vaiyamalai Sudha. NIT Trichy, India</td>
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<td>3</td>
<td>Improved Performance Evaluation of Stochastic Modelling and QoS Analysis of Multi-hop Cooperative Data Dissemination in IVC</td>
<td>Banoth Ravi, Jaisingh Thangaraj and Shrinivas Petale. Indian Institute of Technology (ISM), Dhanbad, India</td>
</tr>
<tr>
<td>4</td>
<td>Performance Analysis of Beamspace Domain Channel Estimation in mmWave Massive MIMO Systems</td>
<td>Parthiban I and Vaiyamalai Sudha. NIT Trichy, India</td>
</tr>
<tr>
<td>5</td>
<td>Spectral Efficiency Improvement in Massive MIMO Systems</td>
<td>Rohan Siddheshwar Rajmane and Vaiyamalai Sudha. NIT Trichy, India</td>
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### Technical Session: 3

**May 23, 2019 10:45-12:30**

**Session Chair: Prof Somak Bhattacharyya**

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<tbody>
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<td>1</td>
<td>Ultra Broadband Electromagnetic Metamaterial absorber</td>
<td>Kavitha Muthukrishnan, SSN College of Engineering, India</td>
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<tr>
<td>2</td>
<td>Bandwidth Enhancement in a Dual Band Hexagonal Loop Antenna Loaded with NBSRR Metamaterial Unit Cell</td>
<td>Karthigaiveni S, NIT</td>
</tr>
<tr>
<td>3</td>
<td>Metamaterial Inspired Compact and Bandwidth-Enhanced Planar Monopole Antennas</td>
<td>Nuthakki Venkata Rajasekha, Harish Adithya, and D. Sriram Kumar, National Institute of Technology, Trichy</td>
</tr>
<tr>
<td>4</td>
<td>Design and Analysis of 2x2 Blade MIMO antenna for UAV communication</td>
<td>Ardra Georg, Centre for Airborne Systems, DRDO</td>
</tr>
<tr>
<td>5</td>
<td>Design of Transparent Hybrid-PVDF Composite Material of X-Band Application</td>
<td>Pradyumna Patra, NIST, Berhampur</td>
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<tr>
<td>6</td>
<td>Design and Simulation of Compact Double-band BPF using Metamaterial unit cell as Fractal Resonator</td>
<td>Prince Kumar, Girish Chandra Ghivela and Joydeep Sengupta, VNIT Nagpur</td>
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<td>7</td>
<td>A Novel Approach for Simulation of Polarization effects on Aeronautic Telemetry Channel</td>
<td>Souvik Sonar, Digvijay Pandey and Mukesh Roy, ITR, DRDO</td>
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### Technical Session: 4

**May 23, 2019 14:45-16:15**

**Session Chair: Prof V Abhai Kumar**

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<tbody>
<tr>
<td>1</td>
<td>Design of annular ring MIMO antenna using Defected Ground Structure</td>
<td>K Vasu Babu, Vasireddy Venkatadri Institute of Technology</td>
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<tr>
<td>2</td>
<td>Design of a CPW Detective Solid Bowtie for Satellite Applications</td>
<td>Ravalii Sadaraboina, S Ashok Kumar and T. Shanmuganantham, Jyothishmathi Institute Of Technological Sciences, India</td>
</tr>
<tr>
<td>3</td>
<td>A Super Wideband Circular Monopole Antenna</td>
<td>Srinivasarao Alluri and R Nakkeeran, Pondicherry Central University</td>
</tr>
<tr>
<td>4</td>
<td>Stub loaded compact hexagonal ring antenna for WLAN/WiMAX/ITU applications</td>
<td>Md. Zuber Khan, Usha K, VIT, Chennai</td>
</tr>
<tr>
<td>5</td>
<td>CBCPW fed SRR Loaded Diamond Shaped Slotted Radiator for On Body Applications</td>
<td>Sajith K and T. Shanmuganantham, Pondicherry Central University</td>
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<tr>
<td>1</td>
<td>Feature Matching and Assessment of Similarity rate on geometrically Distorted Side Scan Sonar Images</td>
<td>Dhana Lakshmi M, Vimal raj M and Sakthivel Murugan Santhanam SSN College of Engineering, Kalavakkam, India</td>
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<tr>
<td>2</td>
<td>Analysis of Campus Network Management Challenges and Solutions</td>
<td>Thavamani Shannugam and Malar Kodi National Institute of Technology, India</td>
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<tr>
<td>3</td>
<td>Memory and Load-aware Traffic Rerouting (MLTR) in Open Flow-based SDN</td>
<td>N Senthilkumaran, R Thangarajan and Sk Nivetha Anna University, Chennai &amp; Vellalar Institutions, Erode, India</td>
</tr>
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<td>4</td>
<td>Metaheuristics in Mobile AdHoc Network Route Optimization</td>
<td>Sk Nivetha, Asokan Ramasamy and N Senthilkumaran Kongu Engineering College, India</td>
</tr>
<tr>
<td>5</td>
<td>Comparative Analysis of Blackhole and Rushing Attack in MANET</td>
<td>V R Sarma Dhulipala and Sivanesh S Anna University, Chennai, India</td>
</tr>
<tr>
<td>6</td>
<td>A Low Profile and Compact UWB Antenna for Wireless Communication Applications</td>
<td>Srikar D and Anuradha Sundru National Institute of Technology Warangal</td>
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**Technical Session: 4 (optical Devices and components)**

May 23, 2019 14:45-16:15  
Hall: A-12

**Session Chair:** Prof. D Sriram Kumar

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<tbody>
<tr>
<td>1.</td>
<td>A Study on Development of a Non Invasive Optical based Instrument to estimate the Bilirubin Concentration in the Blood Serum</td>
<td>Vignesh kumar Kanamail, Periyasami R NIT, Trichy</td>
</tr>
<tr>
<td>3.</td>
<td>Annealing effects on capacitance density and voltage coefficient of capacitance (VCC) of thin-film capacitor for energy harvesting application</td>
<td>Smita PS, V suresh Babu, G. Shiny College of Engineering, Trivandrum</td>
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**May 23, 2019 16:30-18:30**  
**Session Chair: Prof S S Pattanaik**  
**Hall: EEE Auditorium**

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<thead>
<tr>
<th>ID</th>
<th>Paper Title</th>
<th>Author &amp; Affiliation</th>
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</table>
| 1  | Study and Design of SRR loaded ACS-Fed Multiband Koch star and Minkowski Curve Fractal-Patch Antenna | C.Elavarasi and T. Shanmuganantham  
St.MartinsEngg. College, Secunderabad                                                  |
| 2  | Novel Compact Implementation of Rat-Race Hybrid Coupler Using Coaxial Cable For VHF Applications | Makarand Govind Kulkarni, A. N. Cheeran, S. S. Kakatkar and KP Ray  
Veermata Jijabai Technological Institute (VJTI), India                                 |
| 3  | Design of CPW fed Antenna for WIMAX Applications                             | Sahitya Vanam, S Ashok Kumar and T. Shanmuganantham  
Jyothishmathi Institute Of Technological Sciences, India                                |
| 4  | Design of V-Band Balanced Antipodal Vivaldi Antenna for 60 GHz Point-to-Point Communication | Tanuj Bahuguna, and R.Pandeeswari  
National Institute of Technology, Trichy                                                 |
| 5  | Comparative Analysis of Vee Antenna for Space Instrumentation                | Dinesh Kumar and Kinsuk Acharyya  
Birla Institute of Technology and Science & BITS Pilani, Hyderabad                     |
| 6  | Novel Printed Leaky-Wave Antenna with Suppressed OSB for Broad Angle Scanning | Birendra Kumar, Jayanta Ghosh and Ratnesh Ranjan  
NIT PATNA                                                                           |
| 7  | Meandering Slot Patch Antenna for UAV Applications                           | Dinesh Kumar, Runa Kumari and Sourav Nandi  
Birla Institute of Technology and Science & BITS Pilani, Hyderabad                     |
### Technical Session: 5

May 23, 2019 16:30-18:30

Session Chair: Prof. R Pandeeswari

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<tbody>
<tr>
<td>1</td>
<td>Slot Antenna miniaturization and wideband using square loop periodic structures</td>
<td>Khan Masood Parvez sk and Hablib A Aliah University</td>
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<tr>
<td>2</td>
<td>Quarter Wavelength Transmission Line Synthesis from an Asymmetric Network</td>
<td>Md Ayatullah Maktoomi University of Scranton, USA</td>
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<td>3</td>
<td>Miniaturization of monopole antenna with doughnut shaped shell of single ring split ring resonators</td>
<td>G Bharath Reddy and D. Sriram Kumar National Institute Of Technology, Tiruchirappalli</td>
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<tr>
<td>4</td>
<td>Open Complementary Split Ring Resonator Based RF Sensor with Improved Sensitivity for Detection and Estimation of Adulteration in Edible Oils</td>
<td>Pooja N Kakani, Chandumali and Sholampettai Subramanian Karthikeyan National Institute Of Technology Andhra Pradesh</td>
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<td>5</td>
<td>A passive UHF RFID tag for wireless fracture toughness measurement on metals</td>
<td>Geetha Chakaravarthi and Kavitha Arunachalam NITT, India</td>
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<td>6</td>
<td>Detection of Defects in Composites Using Hybrid Microwave NDE Deploying Printed E-Field Sensor</td>
<td>Jayaram Kizheke Pakkathillam and Kavitha Arunachalam Indian Institute of Technology, Madras, India</td>
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<td>7</td>
<td>Microwave based Conductivity Monitoring of Glass Melts Used for Nuclear Waste Management</td>
<td>Balamurugan T. Sivaprakasam and Kavitha Arunachalam Indian Institute of Technology, Madras, India</td>
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### Technical Session: 5 (Free space optics)

May 23, 2019 16:30-18:30

Session Chair: 

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<td>Peak-to-Average Power Ratio (PAPR) Reduction Using Combination of Precoding and Comanding Techniques for VLC OFDM Systems</td>
<td>Nishanth saran, S Ghorai, Ajit Kumar BITS Mesra</td>
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<td>L-band Extended National Optical Fiber Network to achieve the mission of Digital India</td>
<td>Rahul Jashwanthbhai Pandya National institute of technology, Warangal</td>
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<td>Jayasudha Koti St. Francis Institute of Technology, India</td>
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<td><strong>Design and Optimization of Broadband FSS based Radar Absorbing Structure</strong></td>
<td>Sreeja J, Raveendranath Nair and Shiv Narayan, CSIR National Aerospace Laboratories, Bengaluru</td>
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<td>Planar and Conformal Analysis of Frequency Selective Surface Loaded with Lumped Elements</td>
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<td>Kunooru Bharath and Srujana Vahini Nandigam, Osmania University</td>
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<td>Mahadev Sarkar, Product Development and Innovation Centre &amp; Bharat Electronics Limited, India</td>
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<td>Parthasarathy Ramanujam, P. G. V. Ramesh, and Chandrasekar Arumugam, St. Josephs College of Engineering</td>
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May 24, 2019 10:45-12:30
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<td>Ramkumar S and R Boopathi Rani NIT, Pondicherry</td>
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<td>5</td>
<td>Design of a Compact Wilkinson Power Divider using Four Asymmetric DGS for Harmonic Suppression</td>
<td>Ajay Rajendra Khare, Santosh Kharat, Akshay Rajapkar Makaran Govind Kulkarni and Shivraj Rathod Veermata Jijabai Technological Institute (VJTI), India</td>
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<td>6</td>
<td>Design of cascaded low noise amplifier for see through wall application</td>
<td>A Sankavi, and A Thenmozhi Anna University</td>
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Wireless Communication #2

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<td>1</td>
<td>Simple Solution to Reduce Interference in Cognitive Radio Networks</td>
<td>Kalpana Naidu NIT-warangal &amp; Indian Institute of Technology-Hyderabad, India</td>
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<td>Debdeep Sarkar, Said Mikki and Yahia Antar Royal Military College Canada, Canada, University of New Haven, USA</td>
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<td>Anand Pushparaj, Vineeth Palliyembil, Gattu Nadiminti Laxman, Maurizio Magarini and Muthu Palanivel Chidambra Nathan NIT Trichy, India</td>
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**May 24, 2019 10:45-12:30**

**Session Chair: Prof M Bhaskar**

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<td>Vipin Kumar, Satish Jhariya, Mahadev Sarkar and Siva Kumar Bharat Electronics, India</td>
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<td>Analysis of low power SRAM design with leakage control techniques</td>
<td>Pavankumar Bikki, Muppa Annapurna and Vujwala Sayana NIT, Andhra Pradesh</td>
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<td>Development of Potentiostat for Harmonic Current Measurement in Non_Linear Systems</td>
<td>Monika R and Ramesh Pazhayannur Venkitaraman CSIR-CECRI</td>
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<td>Analysis of low power novel SRAM design with self-biasing approach for ultra-low power applications</td>
<td>Pavankumar Bikki and Muppa Annapurna NIT, Andhra Pradesh</td>
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<td>Amit Bhattacharyya and Debashis De Haldia Institute of Technology, Westbengal</td>
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<td>7</td>
<td>Design of Frequency Reconfigurable Hexagonal Antennas for WLAN Applications</td>
<td>Rahul Singhal, Abhishek Joshi and Lokesh Kumar Verma BITS Pilani, India</td>
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