



**Track : Data Communication and Networking (Tentative Schedule)**

| Technical Session-1DCN      |               | Data Communication and Networking – I                                                      |                   |
|-----------------------------|---------------|--------------------------------------------------------------------------------------------|-------------------|
| Venue: D Block Seminar Hall |               | Date: 11-03-2016                                                                           | Time: 1:45-3:15pm |
| Sr No.                      | Manuscript ID | Title                                                                                      | Author            |
| 1.                          | 1570242014    | Storage as a Parameter for Classifying Dynamic Key Management Schemes Proposed for WSNs    | Nisha             |
| 2.                          | 1570241826    | A Novel TWDM Architecture With Efficient Power Saving                                      | Amresh Madavi     |
| 3.                          | 1570241737    | Variant of BUBBLE Rap forwarding algorithm for Delay Tolerant Networks                     | Aditya Gupta      |
| 4.                          | *1570242024   | Efficient Deployment Strategies of Sensor Nodes in Wireless Sensor Networks                | Abhishek Singh    |
| 5.                          | 1570241141    | A Constraint-based Biometric Scheme on ATM and Swiping Machine                             | Sweta Singh       |
| 6.                          | 1570238844    | Enhancing Speech Recognition In Developing Language Learning Systems For Low Cost Androids | Akshay Jayakumar  |

| Technical Session-2DCN      |               | Data Communication and Networking – II                                                                                                    |                             |
|-----------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Venue: D Block Seminar Hall |               | Date: 11-03-2016                                                                                                                          | Time: 3:30-5:00pm           |
| Sr No.                      | Manuscript ID | Title                                                                                                                                     | Author                      |
| 7.                          | 1570235848    | Optimized Hybrid Silica TDFA-RAMAN Wideband Amplifier Yielding Flat Gain In S-band                                                        | Rajandeep Singh             |
| 8.                          | 1570230356    | Trustworthy Provenance Framework for Document Workflow Provenance                                                                         | Prabath Rupasinghe          |
| 9.                          | 1570235534    | Security Analysis and Implementation of a Simple Method for Prevention and Detection against Evil Twin Attack in IEEE 802.11 Wireless LAN | Anil Kumar                  |
| 10.                         | *1570235769   | Data Security In A Network Environment: Case Of Authentication                                                                            | Ngwakeu Djahen Joseph Raoul |
| 11.                         | #1570237336   | Extended LSB Methodology using Affine Transform                                                                                           | Afsha Shaukat               |
| 12.                         | *1570230016   | Verification of Multi-owner Shared Data with User Revocation and Collusion Resistance in Cloud Computing                                  | Dipali Kasunde              |

| Technical Session-3DCN      |               | Data Communication and Networking – III                                                                              |                    |
|-----------------------------|---------------|----------------------------------------------------------------------------------------------------------------------|--------------------|
| Venue: D Block Seminar Hall |               | Date: 12-03-2016                                                                                                     | Time: 9:30-11:00am |
| Sr No.                      | Manuscript ID | Title                                                                                                                | Author             |
| 13.                         | 1570228171    | Analysis of BER using ternary level line coding                                                                      | Aman Jain          |
| 14.                         | 1570235221    | 15 Gb/s transmission over 25 km using negative dispersion fiber on lightwave systems without dispersion compensation | Harminder Singh    |
| 15.                         | 1570235125    | Software Defined Networking based Routing Firewall                                                                   | Karamjeet Kaur     |
| 16.                         | 1570234916    | Performance analysis of 16-Channel 80-Gbps optical fiber communication system                                        | Ravi Shanker       |
| 17.                         | 1570235844    | 16 Gbps transmission using minimum power in lightwave systems with metrocor optical fiber                            | Harminder Singh    |

\*Registration Fees proof not received/pending. ; Resending requested in response to the individual email sent.



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| 18.                                | 1570235108    | Comparison of Optimum Density of Sensor Nodes Required for Desired Coverage in a Realistic Scenario using Sensing Models | Nitika Rai               |
|------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Technical Session-4DCN</b>      |               | <b>Data Communication and Networking – IV</b>                                                                            |                          |
| <b>Venue: D Block Seminar Hall</b> |               | <b>Date: 12-03-2016</b>                                                                                                  | <b>Time: 1:45-3:15pm</b> |
| Sr No.                             | Manuscript ID | Title                                                                                                                    | Author                   |
| 19.                                | 1570234155    | A Brief Survey on Molecular Communications in Nanonetworks                                                               | Gurleen Kaur Walia       |
| 20.                                | 1570231768    | Cognitive Channel Access for Wireless Local Area Networks used in IOT                                                    | A Rakesh Kumar           |
| 21.                                | *1570234570   | Implementing Static Router Based on Software Defined Networking                                                          | Sukhveer Kaur            |
| 22.                                | 1570241358    | Detection of Application Layer DDoS Attack by Feature Learning Using Stacked Autoencoder                                 | Satyajit Yadav           |

| <b>Technical Session-5DCN</b>      |               | <b>Data Communication and Networking – V</b>                                                          |                          |
|------------------------------------|---------------|-------------------------------------------------------------------------------------------------------|--------------------------|
| <b>Venue: D Block Seminar Hall</b> |               | <b>Date: 12-03-2016</b>                                                                               | <b>Time: 3:30-5:00pm</b> |
| Sr No.                             | Manuscript ID | Title                                                                                                 | Author                   |
| 23.                                | 1570228079    | Message Fragmentation of Event-Triggered Traffic in TTEthernet Systems Using the Timely Block method  | Ekarin Suethanuwong      |
| 24.                                | 1570225069    | Fairness while Improving Smartphone Battery Life using D2D Cooperative Relays Underlying LTE Networks | Rajiv Misra              |
| 25.                                | 1570241135    | Upgrading a 20 Gbps DWDM system to 160 Gbps system using Add/drop multiplexers and couplers           | Daleep Sekhon            |
| 26.                                | 1570220151    | Comparative Analysis of Punctured Sequence Pairs for Frame Synchronization Applications               | K Arasu                  |
| 27.                                | 1570241668    | SHome: A SMART HOME ENVIRONMENT WITH GEN2                                                             | Preeti Sharma            |

| <b>Technical Session-6DCN</b>      |               | <b>Data Communication and Networking – VI</b>                         |                           |
|------------------------------------|---------------|-----------------------------------------------------------------------|---------------------------|
| <b>Venue: D Block Seminar Hall</b> |               | <b>Date: 13-03-2016</b>                                               | <b>Time: 9:30-11:00am</b> |
| Sr No.                             | Manuscript ID | Title                                                                 | Author                    |
| 28.                                | 1570218403    | Single-photon Synchronization Mode of Quantum Key Distribution System | Anton Pljonkin            |
| 29.                                | 1570218001    | Cash Withdrawal from ATM machine using Mobile Banking                 | Nischal Bansal            |
| 30.                                | 1570241377    | Microring Resonator Based All Optical XOR and XNOR Logic Gates        | Abhishek Godbole          |
| 31.                                | 1570241655    | Smart Expense Management Model for Smart Homes                        | Sumit Yadav               |

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|     |             |                                                      |                |
|-----|-------------|------------------------------------------------------|----------------|
| 32. | *1570241716 | A Masking Based RSA to Resist Power Analysis Attacks | Hridoy Mahanta |
|-----|-------------|------------------------------------------------------|----------------|

| Technical Session-7DCN      |               | Data Communication and Networking – VII                                                                                                                    |                  |
|-----------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Venue: D Block Seminar Hall |               | Date: 13-03-2016                                                                                                                                           |                  |
|                             |               | Time: 1:45-3:15pm                                                                                                                                          |                  |
| Sr No.                      | Manuscript ID | Title                                                                                                                                                      | Author           |
| 33.                         | 1570241321    | Broadband Supercontinuum Generation and Raman Response in Ge <sub>11.5</sub> As <sub>24</sub> Se <sub>64.5</sub> based chalcogenide Photonic Crystal Fiber | Sandeep Vyas     |
| 34.                         | 1570235254    | Experimental Research of Leaky-Wave Antenna Based on Layered Rectangular Waveguide with Transverse Slots                                                   | Renat Abdullin   |
| 35.                         | 1570234729    | A Comparative Study of Cooperative and Non-Cooperative Game Theory in Network Selection                                                                    | Meenakshi Munjal |
| 36.                         | 1570235525    | Intertwining Logistic Map and Cellular Automata Based Color Image Encryption Model                                                                         | Manish Kumar     |
| 37.                         | 1570235628    | A Collaborative approach for Malicious Node Detection in Ad hoc Wireless Networks                                                                          | Devendra Gupta   |
| 38.                         | 1570241957    | Exploring Off-Path Caching with Edge Caching in Information Centric Networking                                                                             | Anshuman Kalla   |