

International Conference on Science, Engineering and Technology

ICSEM-2020

24th & 25th January 2020

Organized by

**Cambridge Institute of Technology North
Campus, Bengaluru**

In Association with

**Institute for Engineering Research and
Publication (IFERP)**

Conference Agenda

Keynote Speaker



DR. R. SRINIVASAN
Professor Emeritus (Retd.)
Computer Science Department
M.S. Ramaiah Institute of Technology
Bangalore



SAI SATISH BABU. N
Data Scientist
British Telecom
Bangalore, Karnataka

Time Schedule

Registration	- 9:00 am to 10:00 am
Inauguration	- 10:00 am to 11:00 am
Tea Break	- 11:00 am to 11:15 am
Keynote Address	- 11:15 am to 12:45 pm
Presidential Address by Director, CITNC	- 12:45 pm to 12:55 pm
Vote of Thanks	- 12:25 pm to 01: 00 pm
Lunch Break	- 01:00 am to 02:00 pm
Technical Session -I	- 02:00 pm to 04:00 pm
Coffee Break	- 04:00 pm to 04:15 pm
Technical Session- II	- 04:15 pm to 05:30 pm

TECHNICAL SESSION – I (24th Jan 2020)
Department of Electronics and Communication Engineering
Session Hall- Room no: V104

SESSION CHAIRS

Dr. Jayanthi Kumari
Professor, ECE dept,
East point college of Engineering
Bangalore

Dr. Sreerangaraju M N
Professor, ECE dept
Bangalore Institute of Technology

02.00 pm – 02.15 pm	Oral Presentation by Chethana Prasad <i>FIFO Buffer</i>
02.15 pm – 02.30 pm	Oral Presentation by Prasad M <i>Performance Analysis of GAA Nanowire FET</i>
02.30 pm – 02.45 pm	Oral Presentation by Bhavana. B.S <i>Moore FSM Sequence detector</i>
02.45 pm – 03.00 pm	Oral Presentation by Shalini Prasad <i>Energy Optimization Mechanism to Improve Energy Efficiency of Mobile Device Interface for Mobile System</i>
03.00 pm – 03.15 pm	Oral Presentation by Ravi N <i>FPGA based Speed Control of Induction Motor</i>
03.15pm – 03.30 pm	Oral Presentation by Sampath Kumar. S <i>A Survey on Machine Learning enabled SWARM robots for Autonomous and Precision Agriculture</i>
03.30 pm – 03.45 pm	Oral Presentation by Pratima V Kashyap <i>Comparative Study of Multipliers</i>
03. 45 pm – 04.00 pm	Oral Presentation by Madhura.R <i>Test Pattern Generator for Digital circuits</i>
TECHNICAL SESSION – II (24th Jan 2020)	
04.15 pm – 04.30 pm	Oral Presentation by Yashashwini R <i>Trigonometric functions in double FPU</i>
04.30 pm – 04.45 pm	Oral Presentation by Vaishnavi K Katti <i>TIC TAC TOE</i>

04.45 pm – 05.00 pm	<p>Oral Presentation by Keshava. N</p> <p><i>Implementation of SVD and DWT method for satellite image enhancement</i></p>
05.00 pm – 05.15 pm	<p>Oral Presentation by Naveen E</p> <p><i>Very Large Object Classification Using PNN and DM Classifiers Along with PCA and FLD Feature Extraction</i></p>

TECHNICAL SESSION – I (24th Jan 2020)
Department of Mech, Civil, Maths, Physics & Chemistry
Session Hall- Seminar Hall

SESSION CHAIRS

Dr.P.L.Sreenivasa Murthy
Professor, MSRIT,
Bangalore

Dr. Ashwin C Gowda
VTU PG Center,
Muddenahalli

02.00 pm – 02.15 pm	<p>Oral Presentation by Dr Manjunath S</p> <p><i>Effect of Cryogenic Treatment of Cutting tool on Tool Tip Temperature during Milling of Aluminum -6351 Jobs using Molybdenum based M2 Face Milling Cutters</i></p>
02.15 pm – 02.30 pm	<p>Oral Presentation by Khalandar Azad</p> <p><i>Effective Management of organizations Using PEMS Model</i></p>
02.30 pm – 02.45 pm	<p>Oral Presentation by Pampapathi Gaddi</p> <p><i>Effect of Variation in Composition on Tribological Behaviour and Impact Strength of Aluminium Alloy Al7068</i></p>
02.45 pm – 03.00 pm	<p>Oral Presentation by Rakshith M</p> <p><i>Comparative Study on Performance and Emission Characteristics of Single Cylinder C.I. Engine Fueled with Ethanol Additive Biodiesel Blends of Jatropha and Pongamia Oils</i></p>
03.00 pm – 03.15 pm	<p>Oral Presentation by Maruthi S B</p> <p><i>Analysis and Optimisation of Shielded Metal Arc Welding Process Parameters in joining process</i></p>
03.15pm – 03.30 pm	<p>Oral Presentation by Dr. Santhosh N</p> <p><i>Corrosion Characterization of Aluminium Hybrid Metal Matrix Composites for Real-time Engineering Applications</i></p>
03.30 pm – 03.45 pm	<p>Oral Presentation by K C Suresh</p> <p><i>Biosynthesized zinc oxide nanoparticles characterization and its study on photocatalytic activity</i></p>

03. 45 pm – 04.00 pm	<p>Oral Presentation by A.Tejaswini</p> <p><i>Corrosion characterization of Aluminium 7075 alloy / Red Mud composites in mixture of sodium hydroxide and sodium chloride medium</i></p>
TECHNICAL SESSION – II (24th Jan 2020)	
04.15 pm – 04.30 pm	<p>Oral Presentation by Dr. S M Abdul Mannan Hussain</p> <p><i>Implementation of Last Planner System in Indian Construction Sites: A Case Study</i></p>
04.30 pm – 04.45 pm	<p>Oral Presentation by Sowmya H.N</p> <p><i>The Influence of Meteorology on Diurnal and Seasonal Variations of PM 2.5 and PM 10 over Bengaluru Urban</i></p>
04.45 pm – 05.00 pm	<p>Oral Presentation by Nayana K C</p> <p><i>Heat Transfer Analysis of MHD Nanofluid Flow between Parallel Plates with Shape Effect</i></p>
05.00 pm – 05.15 pm	<p>Oral Presentation by Dr. CS Reddy</p> <p><i>Effective Ordering Policies in EOQ Inventory System with Predictable factors</i></p>

TECHNICAL SESSION – I (24th Jan 2020)
Department of Computer Science & Engineering

Session Hal: Room no: V101

SESSION CHAIRS

Dr.Yamuna Devi, (CSE)
Prof & HOD, Dept of TE
Dr.AIT, Bangalore

Dr.Prabha (CSE)
Dr.AIT, CSE dept
Bangalore

02.00 pm – 02.15 pm	<p>Oral Presentation by Gaurav Karkal</p> <p><i>Comparative Study of Analytical Heuristics Pertaining to Online Education Systems</i></p>
02.15 pm – 02.30 pm	<p>Oral Presentation by Manasa. K</p> <p><i>Dynamic Approach to Provide Security to Private Data Stored in Cloud</i></p>
02.30 pm – 02.45 pm	<p>Oral Presentation by Ambika V S</p> <p><i>Design and Development of an Ameliorated Methodology for World Class Assessment Ranking Framework</i></p>
02.45 pm – 03.00 pm	<p>Oral Presentation by Thrisha V.S.</p> <p><i>A Study on Smart Water Quality Monitoring System based on IoT</i></p>
03.00 pm – 03.15 pm	<p>Oral Presentation by Anupriya A G</p> <p><i>Optimization of Critical Path of the Project Pedestaled on Cost, Schedule and</i></p>

	Person Days
03.15pm – 03.30 pm	<p>Oral Presentation by Mamatha C M</p> <p><i>Design and Development of an Automated Methodology for the Motivation of the Students to Engineering Education</i></p>
03.30 pm – 03.45 pm	<p>Oral Presentation by Mrs.Heena Kouser</p> <p><i>Analysis of Compression Techniques used for Efficient video Transmission</i></p>
03.45 pm – 04.00 pm	<p>Oral Presentation by Karan T P</p> <p><i>An Overview of Security in VANETs</i></p>

TECHNICAL SESSION – I (25th Jan 2020)

10.00 am – 10.15 am	<p>Oral Presentation by Gyanendra Prasad Joshi</p> <p><i>Improving Detection Rate of Rarely Appearing Unknown Attacks in Network-based Intrusion Detection System</i></p>
10.15 am – 10.30 am	<p>Oral Presentation by Bibi Ameena</p> <p><i>Data Cleaning using Conditional Functional Dependencies for Secured Structuring of Data</i></p>
10.30 am – 10.45 am	<p>Oral Presentation by Gopi Krishna T.L</p> <p><i>Resuscitation of Quick Response Code for enhanced storage Capacity</i></p>
10.45 am – 11.00 am	Tea Break
11.00 am – 11.15 am	<p>Oral Presentation by Krishnamurthy K.T</p> <p><i>Coin based Universal Mobile Battery Charger using Solar Panel</i></p>
11.15pm – 11.30 pm	<p>Oral Presentation by Abhilash S G</p> <p><i>Production of Rice bran biodiesel through Transesterification and evaluation of its physicochemical properties</i></p>
11.30 pm – 11.45 pm	<p>Oral Presentation by Dhanujay</p> <p><i>Smart Courier Box</i></p>