Day: 1 - Wednesday, 24th April 2019
Track # 1

09:00 Hrs - 13:30 Hrs
Venue: - Room No - MAL 536
Speaker and Session Chair: - **Prof. Mike Hinchey**

1) 003 Performance Analysis of 10 nm FinFET with Scaled Fin-Dimension and Oxide Thickness
   Shashi K. Dargar, Viranjay M. Srivastava
2) 005 Managing Time and Resources of Construction Projects Using Colored Petri Nets and a Genetic Algorithm
   Khodakaram Salimifard, Gholamreza Jamali, Sara Behbahaninezhad
3) 032 A New Three Party Authenticated Key Agreement Protocol which is Defiant towards Password Guessing Attack
   Soumyajit Nag, Subhasish Banerjee, Srijon Sen
4) 033 A Stain Normalization Method for the White Blood Cell Image
   Zhenjie Liu, Depeng Xu, Tao Li, Ning Xu, Qiaoliang Li, Suwen Qi
5) 034 A Method of Automatically Calculating Vaginal Cleanliness Degree from Leukorrhoea's Microscope Images
   Qiaoliang Li, Yajie Wu, Jun Mei, Qiwen Chen, Depeng Xu, Suwen Qi, Jie Ruan
6) 035 Urine Calcium Oxalate Crystallization Recognition Method Based on Deep Learning
   Huagou Xiang, Qiwen Chen, Yajie Wu, Depeng Xu, Suwen Qi, Jun Mei, Qiaoliang Li, Xinyu Liu
7) 036 Plant Disease Detection Techniques: A Review
   Gurleen Kaur Sandhu, Dr. Rajbir Kaur
8) 038 Photovoltaics Energy Storage for Standalone System in locomotives
   Monu Malik, Ratna Dahiya
9) 043 BER assessment of OFDM system augmented with MRC technique under the effect of CFO
   Aanchal Jhingan, Lavish Kansal, Gurjot Singh Gaba, Eduard Babulak, Mohamed Mounir
10) 046 Designing a Novel ANN Optimized Converter for Photovoltaic Solar System
    Monu Malik, Ratna Dahiya
11) 049 A Systematic Review of Wireless Body Area Network
    Safina Shokeen, Dr. Davinder Parkash
12) 062 Amalgamating the Service Quality Aspect in Supply Chain Management
    Ruchira Srivastava, J Arun, Dhirendra Kumar Patel
13) 065 Sentiment Analysis on Twitter Data Using R
    Sonia Saini, Ritu Punhani, Ruchika Bathla, Vinod Kumar Shukla
14) 067 Employee Perception and Behavioral Intention to Adopt BYOD in the Organizations
    Dr. Ruchika Gupta, Dr.Garima Bhardwaj, Prof. (Dr.) Gurinder Singh
15) 077 Optimized Technique for Detection of Diabetic Retinopathy using Segmented Retinal Blood Vessels
    Sukhpreet Kaur, Kulwinder Singh Mann
16) 290 Techno-economical Study of Power System Market- A Game Theory Approach
    Saurabh Kumar and Bharti Dwivedi
17) 340 Business Lessons from the Silicon Valley: Source of their Competitive Advantage
    Nirav Sahni

Track # 2

09:00 Hrs - 13:00 Hrs
Venue: - RUS 405
Speaker and Session Chair: - **Dr. Ranbir Singh Batth**

1) 079 Prevention of DoS Attacks by Detection of Multiple Malicious Nodes in VANETs
   Sushil Kumar, Dr. Kulwinder Singh Mann
2) 080 Analysing and Identifying Business Model of Reality Show and its Impact on Mankind
   Priyanka Malik, Kshmata Chauhan and Madhu Khurana
3) 081 In Body Antenna for Monitoring Pacemaker
   Raja Rashidul Hasan, Md. Abdur Rahman, Sourav Sinha, Md.Nizam Uddin, Ta-Seen Reaz Niloy
4) 083 Financial Inclusion Through FinTech –A Case of Lost Focus
   Anupam Mehrotra
5) 087 An Overview of Drive by Wire Technology for Automobiles
   Arvind Goyal, Ayushi Thakur
6) 095 Modeling of Power Line for Home-Building Automation
   Zahoor Alam, Aizad Khursheed, S. V. Singh
7) 099 On Retrieval of Nearly Identical Video Clips with Query Frame
   Ashish Khare, B. Reddy Mounika, B.Vasu
8) 106 Improving Performance Analysis of Indian Farmers Fertilizers Co-operative Limited (IFFCO) through Technology Management
   Shalini Srivastav, Anubhuti Gupta, Vikas Garg
9) 115 Enhancing User Experience for Sustainable Fashion through QR code and Geo-Fencing
   Vinod Kumar Shukla, Richa Gupta
10) 117 A Systematic Review – Intrusion Detection Algorithms Optimisation for Network Forensic Analysis and Investigation
    Kanti Singh Sangher, Archana Singh
11) 125 An Exploratory Approach to Monitor the Quality of Supply-Water Through IoT Technology
    Fahim Redwan, Shadman Rafid, Ahanaf Hossain Abrar, Bishwajit Banik Pathik
12) 126 Roll Angle Control of an Aircraft using Adaptive Controllers
    Udai Singh, Dr. Nidhi Singh Pal
13) 132 ESRA: Enhanced Stable Routing Algorithm for Heterogeneous Wireless Sensor Network
    Biswa Mohan Sahoo, Amar Deep Gupta, Suman Avdhesh Yadav, Shubhi Gupta
14) 138 Multi-Resolution Hierarchical Structure for Efficient Data Aggregation and Mining of Big Data
    Safaa Alwajidi, Li Yang

Track # 3

1) 167 Anatomization of Detection and Performance Measures Techniques for Flooding Attacks using Routing Protocols in MANETs

   Mintu, Gursharan Singh, Simarjit Singh Malhi, Makul Mahajan, Salil Batra, Ranbir Singh Bath

2) 171 A Comprehensive View of Automatic Speech Recognition System - A Systematic Literature Review

   Yogesh Kumar, Dr. Navdeep Singh

3) 180 Routing Table Management using Dynamic Information with Routing Around Connectivity Holes (RACH) for IoT Networks

   Chavi Kapoor

4) 183 Energy - Optimized Route Discovery in AODV

   Gagandeep Singh, Ashok Kumar Sharma, Onkar Singh Bawa

5) 184 Smart Border Surveillance System using Wireless Sensor Network and Computer Vision

   Neha Bhadwal, Vishu Madaan, Prateek Agrawal, Awadesh Shukla, Anuj Kakran

6) 196 An Enhanced Approach for Attack Detection in VANETs Using Adaptive Neuro-Fuzzy System

   Er. Jasleen Kaur, Dr. Tejpreet Singh, Dr. Kamlesh Lakhwani

7) 212 Job Stress-Performance in Academia: Role of Emotional Intelligence & Social Support

   Natasha Tageja, Vijit Chaturvedi, Gurinder Singh, Nick Petford

8) 285 Entropy-based Multilevel 2D Histogram Image Segmentation using DEWO Optimization Algorithm

   Garima Vig, Sapna Varshney, Sumit Kumar, MD. Shahbaz

Track # 4

14:00 Hrs – 17:00 Hrs
Venue: - MAL 536
Speaker and Session Chair: - **Dr. Tanvi Arora**

1) 027 Fingerprint Recognition System Using MATLAB

   Arun Pratap Srivastava, Shashank Awasthi, Awanish kumar Kaushik, Shubham Shukla

2) 042 A comparative study of various CAPTCHA methods for securing Web Pages

   Shashank Awasthi, Vipul Narayan, Arun Pratap Srivastava, Swapnita Srivastava

3) 045 Identification of Influence Propagation Metrics in Social Networks

   Niharika Singh, Gaurav Rajput, Aakash Malik, Oshin Maini

4) 068 Cluster Based Multi Hop Data Dissemination Protocol in V2v Networks using Whale Optimization Technique

   Bhoopendra Dwivedy, Anoop Kumar Bhola, Sachin Yadav

5) 122 EduBot: An educational robot for underprivileged children

   Afnan Islam, Thajid Ibna Rouf Uday, Nazib Ahmad, Md. Toriqul Islam, Amit Ghosh, Sadia Kamal, Tanzir Ahommed, Mazharul Islam Leon and, Ehsan Ahmed Dhrubo

6) 174 Create an Automatic Uncertainty Elimination Tools in Software Engineering

   Pawan Kumar Singh, Ravi Kumar Tewari

7) 300 Implementation of machine learning techniques in software reliability: A framework

   Manu Banga, Archana Singh, Abhay Bansal

8) 305 Agile Data Mining Approach for Medical Image Mining

   Reetika Koli, Ritu Pal, Nisha Chaube, Kavita Joshi, Ankit Maithan

9) 009 Role of Cloud Computing in Smart Grid

   Nikhil Mishra, Vinay Kumar, Satyaveer Gupta

10) 286 Comparative Study of Different Bridge Fault Current Limiters Applied in Doubly Fed Induction Generator for Improvement of Fault Ride-Through Capability

   Afroz Mokarim, Bharti Dwivedi and Preeti Verma

11) 221 Detection of Digital Image Forgery using Fast Fourier Transform and Local Features

   Navdeep Kanwal, Akshay Girdhar, Lakhwinder Kaur, Jaskaran Singh Bhullar

12) 331 Digital Image Restoration using Image Filtering Techniques

   Reeturaj Mishra, Neetu Mittal, Sunil Kumar Khatri

Track # 5

15:00 Hrs - 17:30 Hrs
Venue: - MAL 421
Speaker and Session Chair: - **Dr. Mona Ghassemian**

1) 041 Knowledge Management Technology, Knowledge Sharing and Learning - A Case Study

   Lewlyn L R Rodrigues, Asish Oommen Mathew

2) 047 To develop Lean Systems in Electronic Automotive Parts Manufacturing Industry: A System Dynamics Modelling Approach

   Dasharathraj K Shetty, Gautami Abakar, Dr. Lewlyn L R Rodrigues, Asish Oommen Mathew, Farahnaz Golrooy Motlagh

3) 050 Industry-Institute Technology Management Practices: A Case Study

   Soujanya S Shenoy, Dasharathraj K Shetty, Dr. Lewlyn L R Rodrigues, Balakrishna S Maddodi, Farahnaz Golrooy Motlagh

4) 093 Development of an Integrated Knowledge and Technology Management Model for the Higher Education

   Dr. B.H.S. Thimmappa, Farahnaz Golrooy Motlagh, Dasharathraj K Shetty, Dr. B. Rajendra, Asha S Pai, Dr. Lewlyn L R Rodrigues

5) 100 Analysis Technique for Layered Structures using Wiener Spiking De-Convolution

   Kapil Dev Tyagi, Vaibhav Bhushan Tyagi, Gunjan, B. Suresh

6) 104 A Review of Application of Computer-vision for Quality Grading of Food Products

   Dasharathraj K Shetty, Dr. U Dinesh Acharya, Namesh Malarout, Rajesh Gopakumar, Prajual PJ

7) 214 A Comparative Study to find an Effective Image Segmentation Technique using Clustering to obtain the Defective Portion of an Apple

   Namrata Varad Mhapne, Harish S V, Anita S Kini, Narendra V G

8) 224 Security of Medical Big Data Images using Decoy Technique

   Bhargavi U.S, Shivaprasad Gundibail, Manjunath Kn., Renuka A.

9) 256 Secure Analysis of Social Media Data

   Hareesha Katiganere Siddaramappa, Sumana Maradithaya, Sampath Kumar

10) 111 Artificial Neural Networks: Its Techniques and Applications to Forecasting

   Anish Gupta, Ayodeji Olalekan Salau, Prateek Chaturvedi, Segun Ayokunle Akinola, Nnamdi Ikechi Nwulu

Day: 2 - Thursday, 25th April 2019

Track # 1

09:00 Hrs - 13:30 Hrs
Venue: - MAL 536
Speaker and Session Chair: - **Dr. J. Mark Munoz**

1) 185 Novel Big Data Approach for Drug Prediction in Health Care Systems
   Mamoon Rashid, Mir Mohammad Yousuf, Balwant Ram, Vishal Goyal
2) 189 CNN based on Overlapping Pooling Method and Multi-layered Learning with SVM & KNN for American Cotton Leaf Disease Recognition
   Kapil Prashar, Dr. Rajneesh Talwar, Dr. Chander Kant
3) 192 Study of Existing Design Architectures and Frameworks in Twitter
   Kamaljit Kaur, Dr. Kanwalvir Singh Dhindsa
4) 199 A Survey of Algorithms for Feature Extraction and Feature Classification Methods
   Prachi Lamba, Kirti Rawal
5) 215 Artificial Intelligence in Financial Services – Need to Blend Automation with Human Touch
   Anupam Mehrotra
6) 217 Enhancing Big Data Security using Elliptic Curve Cryptography
   Shubhi Gupta, Swati Vashisht, Pradeep Kushwaha, Divya Singh
7) 218 Review on Sentiment Analysis of Indian Languages with a Special Focus on Code Mixed Indian Languages
   Gazi Imtiyaz Ahmad, Dr. Jimmy Singla, Nikita
8) 219 Genetic Algorithm towards Flood Avoidance in Android Application
   Ritu Pal, Menu Srivastava, Sudha Rani, Neeraj Kumar
9) 222 Priority based Adaptive Scheduling Algorithm for IoT Sensor Systems
   K. Kavitha, Dr.G. Suseendran
10) 226 The Inevitability of an International Regulatory Framework for Artificial Intelligence
    Sagee Geetha Sethu
11) 232 Commercialization of Intellectual Property; an Insight for Technocrats
    Dr. Geetanjali Ramesh Chandra, Ms.Iman Ali Liaqat
12) 234 Reliability Modeling for Embedded System Environment compared to available Software Reliability Growth Models
    Sapna Juneja, Abhinav Juneja, Rohit Anand
13) 235 Improved QoS Using Novel Fault Tolerant Shortest Path Algorithm in Virtual Software Defined Network (VSDN)
    Amandeep Kaur Sandhu, Ranbir Singh Batth, Amandeep Nagpal
14) 236 Software Testing and Lines of Codes-A Study on Software Engineering Design Patterns
    Suhaib Ahmed, Lipsa Sadath, Jumana Nagaria
15) 239 A Study of conventional Protocols applicable to the emerging IoT systems and devices
    Jasvir Singh Kalsi, Jagpal Singh Ubhi
16) 240 Improving the Adaptive Properties of LSHADE Algorithm for Global Optimization
    Rohit Salgotra, Urvinder Singh, Gurdeep Singh
17) 244 System Development using Face Recognition
    Jannat Binta Alam, Md. Momarul Islam, Dr. Taskeed Jabid, Sabbir Ahmed

Track # 2

09:00 Hrs - 13:00 Hrs
Venue: - MAL 421
Speaker and Session Chair: - **Professor Phil Webb FIET**

1) 001 Investigation of Emission &combustion Characteristics of a C. I. Engine Fueled with Ethanol as an Alternative Fuel
   Prateek Chaturvedi, Dr. Anish Gupta
2) 002 Analysis and Proposed Fabrication of Two-Wheeler Hybrid Chassis
   Prateek Chaturvedi, Dr. Anish Gupta, Bhawna Kumar
3) 007 National Identity Predictive Models for the Real Time Prediction of European School's Students: Preliminary Results
   Chaman verma, Ahamd S. Tarawneh, Zoltán Illés, Veronika Stoffová, Mandeep Singh
4) 008 Routability-driven Placement for Mixed-sizeDesigns using Design-hierarchy and Pin Information
   Prasun Datta, Shyamapada Mukherjee
5) 013 Multi-Layered Low-Profile Monopole Antenna using Metamaterial for Wireless Body Area Networks
   Bidisha Hazarika, Banani Basu
6) 014 Centered Sink LEACH Protocol for Enhanced Performance of Wireless Sensor Network
   Arnab Nandi, Baishalee Sonowal, Dimbeswar Rabha, Akshay Vaibhav
7) 025 Design of Unequally Excited Two Elements Antenna Array using Gysel Power Divider
   Pratistha Brahma, Banani Basu
8) 031 Secondary Frequency Control of a Multi-area Power System Integrated with Plug-in Electric Vehicles and Renewable Energy Sources
   Pushpa Gaur, Nirmala Soran, Debashish Bhowmik
9) 048 Modeling and Control of Tray Temperature along with Column Pressure in a Pilot Plant Distillation Column
   I. Thirunavukkarasu, R. Janani, Eadala Sarath Yadav, Shanmuga Priya Selvanathan
10) 053 Adaptive Resolution Molecular DynamicsSimulation with Constant in H
    Iuliana Marin, Nicolae Goga, Virgil Tudose, Anton Hadar, Irina Stanciu
11) 055 Design of Robust Controller for an Uncertain System described by Unstructured Uncertainty Model using Small Gain Theorem
    Shreesha Chokkadi, Supanna S. Kumar
12) 078 Image Hashing based on Shape Context and Speeded Up Robust Features (SURF)
    Madhumita Paul, Ram Kumar Karsh, Fazal Ahmed Talukdar
13) 084 Review on Intend Adaptive Algorithms for Time Critical Applications in Underwater Wireless Sensor Auditory and Multipath Network
    Syed Mohtashim Mian, Dr. Rajeev Kumar
14) 107 Optimal Economical Analysis and Performance Assessment of Wind-Biomass Hybrid Energy System
    Ram Kumar Karsh, Raj Debnath, Nirmala Soren, A. K. Roy, A. D. Pandey
15) 109 Empirical Model Estimation and Model Comparison on a Temperature Pilot Plant
    Ratan Shenoy, S. Meenatchisundaram

Track # 3

13:00 Hrs - 16:00 Hrs
Venue: - MAL 421
Speaker and Session Chair: - **Prof. Mike Hinchey**

1) 110 Application of Gis and Iot in Smart Agriculture

   Soumya Debashis Das, Nandita Deb, Gyan Ranjan Biswal, Sovan Das

2) 112 Design of an Automated Power Generation Unit using Biomass

   Cyril Joseph, Ajay Vadala, Sowmya Bellam

3) 116 Development of a Low-Cost and User-Friendly Neurofeedback Tool to treat Depression, Insomnia, Anxiety, Pain and ADHD using an Arduino and Android Application

   Sheba Michael Moyosola, Mitrea Dan Alexandru, Goga Nicole, Al Gayar Sarmad Monadel S., Bujor Pavaloiu, Costin Boiangiu

4) 134 Vibration Characterisation for Fault Detection and Isolation in Linear Synchronous Motor based Conveyor Systems

   Michael Walsh, Brendan O' Flynn, lJavier Torres

5) 135 Extracting Knowledge from the Bible: A Comparison between the Old and the New Testament

   Ramona Cristina Popa, Nicolae Goga, Maria Goga

6) 136 Promela and Spin Formal Verification of an M-Health Medical Social Media System

   Sarmad Monadel Sabree Al-Gayar, Nicolae Goga, Naseer Abdulkarim Jaber Al-Habeeb

7) 143 X-Ortho: Fuzzy Rule Based Expert System for Diagnosing Infective Diseases of Hinge Joint Knee

   Gagandeep Kaur, Anshu Vashisth, Ranbir Singh Batth

8) 223 Low-Voltage Multi-input High Trans-conductance Amplifier using Flipped Voltage Follower and its application in High Pass Filter

   Parnika Bansal, Bhawna Aggarwal, Ravi Tomar

9) 238 A Survey Study of Different RF Energy Sources for RF Energy Harvesting

   Rajdevinder Kaur Sidhu, Jagpal Singh Ubhi, Alpana Aggarwal

10) 242 Dual Band Rejected Low Profile Planar Monopole Antenna for UWB Application

    Gurdeep Singh, Urvinder Singh

11) 250 Comparison of the Virtual Synchronous Generator and Droop Control Techniques to Cater the Unexpected Ingress and Egress of EVs at the CS

    Karanveer Dhingra, Mukesh Singh

12) 258 Analyzing the Effect of Eye Center Localization on Accurate Landmark Localization in a Facial Image

    Manir Ahmed, Ram Kumar Karsh, Rabul Hussain Laskar

Track # 4

14:00 Hrs - 17:00 Hrs
Venue: - MAL 536
Speaker and Session Chair: - **Dr. Tanvi Arora**

1) 247 Impact of Solar Flares on HF Radio Communication at High Latitude

   Ishita Gulati, Rajesh Tiwari, Martin Johnston, Satnam Dlay

2) 248 Traditional V/S Optimize Techniques of Software Testing

   Kavish Aggarwal, Richa Singh

3) 251 Strengthening People Analytics through Wearable IOT Device for Real-Time Data Collection

   Bhawna Gaur, Vinod Kumar Shukla, Amit Verma

4) 252 Enhancing LMS Experience through AIML Base and Retrieval Base Chatbot using R Language

   Vinod Kumar Shukla, Amit Verma

5) 255 Air Quality Prediction using Artificial Neural Networks

   Jagdish Chandra Patni, Hitesh Kumar Sharma

6) 259 Quantitative Assessment of Inheritance Hierarchies for Aspect Oriented Software Development using a proposed Aspect Inheritance Reusability Model

   Senthil Velan S

7) 265 Despite the turbo-lag, turbochargers are preferred to superchargers by the manufacturers

   Sanskar Tripathi, Sarabjeet Singh, Kaashaan Ahmad, Ayushi Thakur

8) 274 AI Frameworked Virtual World Application

   Ashish Khurana, Bhanu P.Lohani, Vimal Bibhu

9) 283 EEDAC-WSN: Energy Efficient Data Aggregation in Clustered WSN

   Nihar Ranjan Roy, Pravin Chandra

10) 295 Gujarat's Developmental Trajectory: A comparative HDI study of Ahmedabad, Junagadh and Surat

    Vatsal Sahani

11) 296 Business Strategies During Recession: Retail Sector

    Dhwanikta Sahani

12) 278 Comparison between Multinomial and Bernoulli Naïve Bayes for Text Classification

    Dr. Gurinder Singh, Prof.Bhawna Kumar, Dr. Loveleen Gaur, Akriti Tyagi