



**Third International Conference on Communications and Cyber-Physical Engineering  
(ICCCE – 2020)  
1-2 February 2020, Hyderabad, India  
<http://www.intcommcon.com/>**

**Tentative Program**

**Venue: CMR Engineering College, Hyderabad**

Time	Programme	Venue
<b><u>Day 1 (01-02-2020)</u></b>		
09:00AM to 10:30AM	Registration	Block-I (Administrative Building)
10:30AM to 11:30AM	Inauguration	Auditorium-Block-I (Ground Floor)
11:30AM to 11:45AM	High Tea	
11:45AM to 12:45PM	Keynote Talk (Prof. Athif Bin Mohd Faudzi, UTM, Malaysia) Session Chair: Prof. A. Goverdhan, <b>Rector</b> and Executive Council Member, (JNTUH)	Auditorium-Block-I (Ground Floor)
12:45PM to 02:00PM	Lunch	
02:00PM to 03:45PM	Parallel Session-I	Block-I
02:00PM to 03:45PM	Parallel Session-II	Block-I
<b><u>Day 2 (02-02-2020)</u></b>		
09:00AM to 12:45PM	Parallel Session-I	Block-I
09:00AM to 12:45PM	Parallel Session-II	Block-I
12:45PM to 02:00PM	Lunch	
02:00PM to 03:00PM	Valedictory	Auditorium-Block-I (Ground Floor)
03:00PM	High Tea	





### Parallel Session-I (Day-1, 01-Feb-2020)

Date: 01-02-2020                      Time: 02:00PM to 03:45PM                      Session: Parallel Session-I  
 Venue: Block-I (Administrative Building)  
 Session Chair (s): **Dr. Raj Laxmi, IIT Hyderabad / Dr. Bruhadeshwar Bezawada**

S.No.	Paper ID	Paper Title
1	24	An adaptive system for transmission of user-generated content over delay tolerant networks using scalable video coding
2	32	A Game-Theoretic Approach for Cognitive Radio Networks using Machine Learning Techniques
3	37	Power Quality Issues in Commercial Load - Impact and Mitigation Difficulties in Present Scenario
4	54	One time password (OTP) life cycle and challenges: Case study
5	64	ADITHRI - (F2) THE FARMER'S FRIEND
6	68	Adaptive Exon Predictors for Smart Hospitals using Normalized Algorithms
7	76	Wavelet based feature extraction and T-set evaluation for automatic brain tumor detection and classification
8	80	A fire alarm detection system with speech output using thresholding RGB and YCbCr colour space
9	83	Detection of suicidal tendency in users by analysing the twitter posts
10	85	Non-Orthogonal Multiple Access for 5G Network
11	89	Attendance Management Automated System Based On Face Recognition Algorithms



**Technical Programme Schedule for ICCCE -2020  
Parallel Session-II (Day-1, 01-Feb-2020)**

**Date:** 01-02-2020

**Time:** 02:00 PM to 03:45 PM

**Session:** Parallel Session-II

**Venue:** Block-I (Administrative Building)

**Session Chair (s):** Dr. Ashok Kumar Das

S. No.	Paper ID	Paper Title
1	34	Classification Accuracy Comparison for Imbalanced Datasets with its Balanced Counterparts Obtained by Different Sampling Techniques
2	35	CNN Model for American Sign Language Recognition
3	43	Optical Networks Implementation using Survivability Capacity Connectivity Algorithm (SCCA)
4	46	Biomimicry for Talent Acquisition
5	49	Deployment of a Simple and Cost-Effective Mobile IPv6 Testbed for the Study of Handover Execution
6	61	An Intelligent Public Grievance Reporting System-iReport
7	63	Feature and Sample Size Selection for Malware Classification Process
8	72	Analysis and detection of illegal credit card usage and transaction using majority voting technique
9	75	ROBUST MULTIMODAL BIOMETRIC RECOGNITION BASED ON JOINT SPARSE REPRESENTATION
10	77	An Clue-based Route Search on Road Networks using keywords and spatial relations
11	82	Identification of early review prediction of online goods for improved sale capabilities
12	87	Collaborative Filtering Using Uninteresting Items for Sparsity Problem



## Technical Programme Schedule for ICCCE -2020

### Parallel Session-I (Day-2, 02-Feb-2020)

Date: 02-02-2020

Time: 10:00AM to 12:45PM

Session: Parallel Session-I

Venue: Block-I (Administrative Building)

Session Chair (s): Dr. R.B.V. Subramanyam (NIT-Warangal)

S. No.	Paper ID	Paper Title
1	12	Types of Keyloggers Technologies – Survey
2	27	EDGE COMPUTING APPROACH TO DEVOPS
3	55	Comparative study between RSA algorithm and its variants : Inception to Date
4	57	Ways of connecting illiterates with the security mechanism : Case Study
5	59	Prime Numbers and Its Applications in Security
6	60	Nonce: life cycle, issues and challenges in cryptography
7	62	Challenges and Opportunities with ECC and Noncommutative Cryptography: A Survey Perspective
8	70	Automatic Rice Quality detection using Morphological and Edge Detection Techniques
9	78	Secure data sharing using two fold cryptography key protection, proxy re-encryption and key separation techniques
10	79	A secure keyword search mechanism in encrypted medical files for secure cloud data storage in hospitals
11	84	Detection of Ranking Frauds in Mobile Apps using Local and Global Anomalies



**Technical Programme Schedule for ICCCE -2020**

**Parallel Session-II (Day 2, 02-Feb-2020)**

Date: 02-02-2020

Time: 10:30 AM to 1:15 PM

Session: Parallel Session-II

Venue: Block-I (Administrative Building)

Session Chair (s): Dr. Pradeep Kumar, Maulana Azad National Urdu University, Hyderabad

S. No.	Paper ID	Paper Title
1	5	A Multi-Tier Architecture for Soft & Hard Real Time Systems involving multiple Data Sources for efficient Data Processing
2	45	A Comparison Analysis of Collaborative Filtering Techniques for Recommender Systems
3	51	The Dependency of Healthcare on Security: Issues and challenges
4	58	Essential requirements of IoT's cryptographic algorithms: Case study
5	74	Behavioural Analysis based Risk assessment in Online Social Networks
6	81	Secure Cloud Encryption Using File Hierarchy Attribute
7	86	A Secure Pre-existing routing technique for enhanced protection in MANETs
8	88	Implementation of novel secure cloud computing infrastructure using key exposure algorithm
9	92	Lightweight fine-grained search over encrypted document
10	93	A SERVICE-ORIENTED VEHICULAR NETWORKS FOR REPUTATION BASED INTRUSION DETECTION SYSTEM
11	95	A Complete Home Automation Strategy using Internet Of Things