

## CCB 2020 PROGRAMME SCHEDULE (TIME IN IST) (ONLINE)

*18/Dec/2020*

09:45-10:30	Inauguration	
10:45-11:45	Keynote 1	(Dr. Priya Ranjan)
12:00-01:30	Technical Session#1 & Technical Session#2 [Parallel Session; Paper Presentation]	
02:30-03:30	Invited Speech 1	(Dr. Rajiv Janardhanan)
04:00-05:00	Invited Speech 2	(Dr. Malay Ranjan Tripathy)

*19/Dec/2020*

09:00-10:00	Keynote 2	(Dr. Gautom Srivastava)
10:15-11:45	Technical Session#3 & Technical Session#4 [Parallel Session; Paper Presentation]	
12:00-01:00	Invited Speech 3	(Dr. Rajeeb Dey)
02:15-03:45	Technical Session#5 [Paper Presentation]	
04:00-05:00	Invited Speech 4	(Dr. Sanjib Kumar Deka)
05:15-06:15	Invited Speech 5	(Dr. Nishant Sinha)
06:20-06:50	Valedictory Session	

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Technical Session Chair & co-Chair

Session#1 (12:00-01:30; 18/Dec/2020)

Chair: Prof. Samarjeet Borah, Professor, Dept of CA, SMIT  
Co-chair: Mrs. Chandralika Chakrabarty, Associate Professor, Dept of IT, SMIT

Session#2 (12:00-01:30; 18/Dec/2020)

Chair: Prof. Nitul Dutta, Professor, Dept of CSE, Marwadi University  
Co-Chair: Mr. Pajany M, Asst Professor, Dept of IT, SMIT

Session#3 (10:15-11:45; 19/Dec/2020)

Chair: Dr. Udayan Baruah, Associate Professor, Dept of IT, SMIT  
Co-chair: Ms. Naiwrita Borah, Asst. Professor, Dept of IT, SMIT

Session#4 (10:15-11:45; 19/Dec/2020)

Chair: Dr. Bhaskar Bhuyan, Associate Professor, Dept of IT, SMIT  
Co-chair: Mrs. Sonam L Bhutia, Assistant Professor, Dept of IT, SMIT

Session#5 (02:15-03:45; 19/Dec/2020)

Chair: Dr. Pranati Rakhshit, Assistant Professor, JIS University  
Co-chair: Mrs. Sonam L Bhutia, Assistant Professor, Dept of IT, SMIT

Sessiion#1: {Papers at Serial Numbers: 1, 3, 4, 12, 14, 25, 27, and 29}

Session#2: {Papers at Serial Numbers: 10, 11, 19, 21, 22, 24, 35, and 36}

Session#3: {Papers at Serial Numbers: 2, 5, 7, 8, 18, 31, 32, and 33}

Session#4: {Papers at Serial Numbers: 6, 13, 15, 23, 30, and 34}

Session#5: {Papers at Serial Numbers: 9, 16, 17, 20, 26, 28 and 37}

*List of Accepted Papers:*

**1. A Survey on Trends of Two Factor Authentication**

Dereje Tirfe, Vivek Kumar Anand

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vivekkumar.anand@marwadieducation.edu.in

**2. Artificial Intelligence in Diagnosis of Polycystic Ovarian Syndrome**

Debosmita Ghosh Roy, P. A. Alvi

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drpaalvi@gmail.com

**3. A Secure RSU based Security against Multiple Attacks in VANET**

Abhisek Kumar, Nitesh Gupta

k.abhi6025@gmail.com

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**4. An IPS Approach to Secure V-RSU Communication from Wormhole and Blackhole Attacks in VANET**

Gaurav Soni, Kamlesh Chandravansh, Mahendra Kumar Jhariya

gauravsoni.rits@gmail.com

kamlesh.vjti@gmail.com

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**5. Image Transformation into Cartoon using OpenCV**

Aaditaa Soni, Anand Sharma

aaditaasoni@gmail.com

anand\_glee@yahoo.co.in

**6. BER analysis of FBMC for 5G Communication**

Balwant Singh, Malay Ranjan Tripathy, Rishi Asthana

balwant.23apr@gmail.com

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**7. Specular Reflection Removal in Cervigrams**

Ayush Agarwal, Faraaz Ali, Aditya Kopparthi, Priya Ranjan, K. D. Srivastava, Rajiv Janardhanan

ayushagarwal1011@gmail.com  
faraaz3ali@gmail.com  
adityakopparthi@gmail.com  
ranjan.p@srmap.edu.in  
kdsrivastav@amity.edu  
rjanardhanan@amity.edu

**8. A comparison of image compression techniques over wireless fading channel**

Priyanka Hazowary, Sushanta Kabir Dutta, Rupaban Subadar

pupupriya4@gmail.com  
sushantatzp@gmail.com  
rupaban.subadar@gmail.com

**9. Techniques in Detecting Diabetic Retinopathy: A Review**

Parul Datta, Prasenjit Das, Abhishek Kumar

parul.datta@chitkarauniversity.edu.in  
prasenjit.das@chitkarauniversity.edu.in  
abhishek.kumar@chitkara.edu.in

**10. Comparative Assessment of Different Feature Selection Methods with Proposed Method Towards Improvement in Accuracy in The Application of Diabetes Detection**

Sayan Paul Rishav Sen, Rinika Manna, Sandeep Shaw, Pranati Rakshit

pranati.rakshit@jiscollge.ac.in

**11. Prediction Model of MOSFET Count in Integrated Citcuit using Different Machine Learning Approach**

Sourav Ghosh, Pranati Rakshit, Shankar Debnath, Dwaipayan Roy, Sanjit Paul, Madhura Chakraborty

pranati.rakshit@jiscollge.ac.in

**12. Design and analyze a secure architecture for SDN Network: A comprehensive survey**

Ali Alhaj, Nitul Dutta

ali.alhaj108620@marwadiuniversity.ac.in  
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**13. An efficient Co-operative Caching with Request Forwarding strategy in Information Centric Networking**

Krishna Delvadia, Nitul Dutta

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nituldutta@ieee.org

**14. Phishing websites, Detection and Analysis: A survey**

Leena I. Sakri, Pushpalatha S Nikkam, Madhuri Kulkarni, Priyanka Kamath, Shreedevi Subrahmanya Bhat, Swati Kamat

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shreedevibhat74@gmail.com

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**15. A Robust BSP Scheduler For Bioinformatics Application On Public Cloud**

K.S Jagadeesh Gowda, Leena I. Sakri

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leenaignatiusakri@gmail.com

**16. Forecasting of Onion Prices for Indian Markets**

Sujay R, V. K. Parvati, S. R. Biradar

srbiradar@gmail.com

**17. Analysing Different Regression Techniques for Forecasting Commodity Prices**

Sujay R, V K Parvati, S R Biradar

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**18. An Advanced Revealing and Classification system for Plant Illnesses Using Unsupervised Bayesian Based SVM Classifier and Modified HOG-ROI Algorithm**

P. Pugazhendiran, K. Suresh Kumar, T. Ananth Kumar, S. Sundaresan

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**19. Complete Test Set Generation for Control Flipping Faults in Reversible Circuits**

Mousum Handique, Amrit Prasad, Hiren Kumar Deva Sarma

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hirenkdsarma@gmail.com

**20. Advanced FET based Biosensors-A Detailed Review**

M. Suryaganesh, T.S Arun Samuel, T.Ananth Kumar, M. Navaneetha Velammal

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**21. Design of MIMO Cylindrical DRA's using Metal strip for Enhanced Isolation with Improved Performance**

Jayakumar, K. Suresh Kumar, T. Ananth Kumar, S. Sundaresan

jayangce@gmail.com  
sureshkumarskphd@gmail.com  
ananth.eec@gmail.com  
sundaresanece91@gmail.com

**22. PSO Optimum Design-PID Controller for Frequency Management of Single Area Multi Source Power Generating System**

V. Kumarakrishnan, G. Vijayakumar, K. Jagatheesan, D. Boopathi, B. Anand, V. Kanendra Naidu

kumarakrishnan2002@gmail.com

**23. Instabilities of Consensus**

Priya Ranjan

ranjan.p@srmap.edu.in

**24. Exploratory Data Analysis on IPL Data**

Santanu Mohapatra, Angana Goswami, Vikash Kumar Singh, Biswaraj Sen

biswaraj.sen@gmail.com

**25. Delay based approach for Prevention of Rushing Attack in MANETs**

Ashwin Adarsh, Tshering Lhamu Tamang, Payash Pradhan, Vikash Kumar Singh, Biswaraj Sen, Kalpana Sharma

biswaraj.sen@gmail.com  
kalpana.s@smit.smu.edu.in

**26. Mobile Cloud Based Framework for Health Monitoring with Real-time Analysis using Machine Learning Algorithms**

Suman Mohanty, Ravi Anand, Ambarish Dutta, Venktesh Kumar, Utsav Kumar, Md. Ruhul Islam

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**27. An Overview of 51 % Attack over Bitcoin Network**

Raja Siddharth Raju, Sandeep Gurung, Prativa Rai

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**28. A Survey on Biosignals as a means of Human Computer Interaction**

Tanuja Subba Tejbanta Singh Chingtham

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chingtham@gmail.com

**29. Impact of TCP-SYN Flood Attack in Cloud**

Anurag Sharma, Md. Ruhul Islam, Dhruba Ningombam

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md.i@smit.smu.edu.in  
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**30. ASCTNDN: A Simple Caching Tool for Named Data Networking**

Dependra Dhakal, Mohit Rathor, Sudipta Dey, Prantik Dey, Kalpana Sharma

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kalpana.s@smit.smu.edu.in

**31. Comprehensive Comparative Study on Several Image Captioning Techniques Based on Deep Learning Algorithm**

Chitrapriya Ningthoujam, Tejbanta S. Chingtham

cpriya.work@gmail.com  
chingtham@gmail.com

**32. GIS assisted study for the impact of COVID-19 on power demand and supply prospective in hilly State of Sikkim, India**

Kamal Sapkota, Shabbiruddin, Karma Sonam Sherpa

kasabloggerkamal@gmail.com

shabbiruddin85@yahoo.com

karmasherpa23@gmail.com

**33. Ecological and Anthropological Factors Influencing Presence of Tiger: A GIS-Based Study in Sikkim**

Aranya Jha, Polash Banerjee, Ajeya Jha

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banerjee.polash@gmail.com

ajeya.jha@smit.smu.edu.in

**34. Reliable data delivery in SDN**

Prerna Rai, Hiren Kumar Deva Sarma

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**35. Online Music Recommendations using user's Zodiac Sign**

Sudipta Chakrabarty, Anushka Bhattacharya, Md Ruhul Islam, Hiren KD Sarma

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hirenkdsarma@gmail.com

**36. Applications of Machine Learning in Property and Casualty Insurance Sector**

Amlan Jyoti Dey, Hiren Kumar Deva Sarma

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hirenkdsarma@gmail.com

**37. Feature Extraction Techniques for Shape Based CBIR: A Survey**

Naiwrita Borah, Udayan Baruah

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