



Program Schedule - Day 1 - 19th September

07.45 AM *Breakfast*

08.45 AM

09.00 AM **Welcome, Inaugural Lamp Lighting, 8th CCEM Report & Inaugural Keynote**

10.30 AM **Fireside Chat on**

**"The Latest in IndiaStack - What Indian Innovators can Leverage"
with Sharad Sharma, co-Founder, iSPIRT**

10.30 AM *Tea*

10.45 AM

10.45 AM **Research Paper Track Presentations - Session 1: Cloud Data Centers**

11.45 AM

**1 Disaggregated GPUs in Datacenters for Efficiency, Modularity and Flexibility
EMF**

Anubhav Guleria(IISc), Lakshmi J(IISc) & Chakri Padala(Ericsson Research).

2 Securing Distributed SDN Controller Network from Induced DoS Attack.

- Shravanya G(PESU), Swati N H(PESU), Ram P Rustagi(KSIT) & Oshin Sharma(PESU).

11:45AM Invited Keynote:

12:15PM **"Applying ML at scale for New User Experiences: Samsung Bixby Voice Assistant" - Dr Vikram Vij, SVP, Samsung R&D**

12:15PM **IEEE Talk:**

12:30PM **"On IEEE India Activities & the CCEM Conference" - Harish Mysore, IEEE India**

12:30 PM **Poster Paper Lightning Talks - 3 Minutes pitch to the Conference Audience.**

01:00 PM

Predictive Disaster Recovery for Enterprise workloads

- Chittigala Jes Kiran(IBM India) and Ravi Shankar (IBM)

Lyrics based Stratification on Universal Music Genre

- Sneha Raghupati Prabhu and Thenmozhi Sangapillai(PES University)

IT Modernization through Cloud-enabled and native Systems: the Infrastructure Design Patterns

- Sai Sampath K V L(IBM India) and Pethuru Raj Chelliah (Reliance Jio)

Virtual drive at extreme conditions in the cloud

- Sahana M, Premila Manohar (Ramaiah Institute of Technology) Liji Joseph, Ramesh Siddalingaiah & Bapiraju Jampana VVN(ABB Ability Innovation Centre)

A Novel Approach for Privacy-Preserving Big Data Analytics

- Alissa Gibson, Sathish Kumar(Coastal Carolina University) and Pethuru Raj Chelliah(Reliance Jio)

OpenMDR: A Service Oriented Metadata Registry for Knowledge Repositories Aiding Knowledge Discovery

- Chirag Mittal Rishabh Mittal, Harshit Sharma, Nandyala D Gangadhar (Ramaiah University of Applied Sciences)

Dhruv: A2A - Automated to Autonomous

- Hemant Gaikwad, Shashidhar S and Vinutha V, (Dell.com)

01:00 PM

Lunch (With poster presentation display visits by the Audience)

02:00 PM

02:00 PM **Research Paper Track Presentations - Session 2: HealthCare**

03:30 PM

1 Personal Oral Health Advisor using Multimodal Sensing and Machine Learning with Smartphones and Cloud Computing.

- Lalitha Pingali , Inventure Academy.

2 Multi Mobile Agent Based Remote Health Monitoring

- Prapulla S B(RVCE), Dipayan Sinha(RVCE), Guruprasad C(RVCE), Shobha G(RVCE) and Thanuja PC(VTU)

3 Low Cost Eye Tracking for Foveated Rendering Using Machine Learning.

- Ashay Changwani & Tanuja Sarode, Thadomal Shahani Engg College Mumbai



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03:30 PM *Tea*

03:45 PM

03:45 PM Two 90 Minute Lightning Tutorials in Parallel

05:15 PM

Track 1 “Growing businesses through technical innovation for growth of data, modernization of applications & secure data dissemination”

- Andrew Haschka, VMware

Track 2 “Automated machine learning - How is Machine Learning used for Machine Learning”

- Dev Nadgir, Microsoft

05:15 PM *Tea*

05:30 PM

05:30 PM Student Project Showcase Inaugural Keynote

06:00 PM Topic: “Innovating in Undergrad Engineering Projects”

Prof Sajal K Das, Missouri University

06:00 PM Top six Student Project showcase Proof-of-Concept presentations (3 min each)
06:30 PM &

Best Student Project Showcase prizes announcement

06:30 PM Student Project Showcase (At respective tables)

07:30 PM

07:30 PM *Dinner*

onwards

Program Schedule - Day 2 - 20th September 2019

Morning Sessions

07:45 AM *Breakfast*

08:45 AM

09:00 AM Research Students Symposium

09:30 AM

09:30 AM Research Short Paper Track Presentations - Two parallel tracks - 15 min each

11:00 AM

Track 1 Cloud, AI and Data Center

1 Predictive Analytics for Storage Management Using Time-Series Forecasting Techniques

- Rishika Kedia and Vijay Patidar, IBM

2 Cache Characterization of Workloads in a Microservice Environment

- Sanjith Athlur, Nishant Sondhi, Sachit Batra, Subramaniam Kalambur & Dinkar Sitaram, PESU.

3 Cyber Resiliency Automation Using Blockchain

- Pradeep Chandrashekar(IBM), Tanishq Harman(NIT), P. Mahadevan(NIT), Krishnendu Mukherjee(IIT), Sreekrishnan Venkiteswaran(IBM) and Sougata Mukherjea(IBM)

4 Outcome Classification in Cricket Using Deep Learning

- Rohit Kumar, Janet Barnabas, Santha Devi, NIT Thiruchirapalli

5 Intelligent Meters for Urban Domestic Water Consumption

- Shubham Phal, Girish Rao Salanke N S, Shobha G and Prapulla S B, RVCE

Track 2 Analytics, Applications and Security

1 Deep Learning in Practice: Guidelines for Model Selection

- Ganesan Ramachandran (Philips) and Vedant Bhatia (Indraprastha Institute of Information Technology).

2 Compressing Closed Frequent Item sets with Controlled Information Loss

- Pavitra Bai S, Ravi Kumar and Narendra B K, BGS Institute of Technology

3 Hash Based Integrity Verification for Vehicular Cloud Environment

- Nayana Hegde and Sunilkumar Manvi, HKBKCE

4 An Efficient Two Factor Authentication Scheme Providing Secure



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Communication in Mobile Cloud Computing

- R Madhusudhan and K.S Suvidha, NITK

5 Cloud-Based Water Leakage Detection and Localization

- Deeksha Shravani, Prajwal Y R, Prapulla S B, Girish Rao Salanke N S & Shobha G, RVCE.

6 Emotion Extrication and Analysis on Videos

- Smeeta Hegde and Dr. Thenmozhi S, PESU

11:00 AM *Tea*

11:15 AM

11:15 AM Invited Keynote: **Dr S Ramanathan, Intel**

11:45 AM **Topic: "Cloud at the Edge-of-Things, now what is that?"**

11:45 AM Invited Keynote: **Dr Gargi Dasgupta, Director, IBM India Research Labs**

12:15 PM **Topic: "Research Areas in AI & Cloud"**

12:15 PM Invited Keynote: **Mayank Kapoor, Reliance.**

12:45 PM **Topic: - "Jio experience of using Kubernetes at scale"**

12:45 PM *Lunch*

01:45 PM

AFTERNOON SESSIONS

01:45 PM **Panel Discussion**

03:15 PM **Topic: "Should CS&AI be Mandatory for ALL Undergraduate Studies as well as in Industry Reskilling?"**

Panelists: Dinesh SD - Samsung R&D, Raj Tumuluri - OpenStream, Sreekrishnan V - IBM, Dr Sanjay Chitnis - DSU, Dr KV Subramaniam - PES, Rajesh Dangi - NxtGen, Nagaraju Bussa - Philips

Panel Moderator: Dr T S Mohan

03:15 PM *Tea*

03:30 PM

03:30 PM **Two 90 Minute Lightning Tutorials in Parallel Tracks**

05:00 PM

Track 1 Cloud and Crowdsourcing Based Approaches to Environmental Monitoring.
- Sahithi Pingali, Stanford University

Track 2 Building a Hosted AI Platform for Developer Insights,
- Avishkar Gupta & Mitesh Patel, Red Hat

05:00 PM *Tea*

05:15 PM

05:15 PM **TechnoBizPlan Showcase Inaugural Keynote**

05:45 PM **"What VCs look for in a TechnoBizPlan"**

- Rahul Chandra, Founder & Managing Director, Helion Ventures

05:45 PM **Three Top TechnoBizPlan Showcase presentations to Startup-Experts**

06:15 PM **(3 min each) & Prizes Announcement**

06:15 PM **TechnoBizPlan Showcases (At respective tables)**

07:15 PM

07:15 PM **Closure Ceremonies including announcement of Best Paper award etc**

07:45 PM

07:45 PM *Dinner*

Onward