Springer CCIS Series (ISSN No. - 1865-0929)

5th International Conference

On

"Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT"

(ICETCE-2022)

04th-05th February, 2022

RTU Recognized Centre of Excellence (CoE)
"INTERNET OF THINGS"

PUBLICATION PARTNER: Springer CCIS Series (Scopus Indexed)

Contributors:

IBM, Infosys Campus Connect, Natural Group

CONFERENCE REPORT

Organized By:

IOT-RC (Centre of Excellence)

Department of Computer Science & Engineering & Department of Department of Department of Information Technology (NBA Accredited)

Swami Keshvanand Institute of Technology, Management & Gramothan, Jagatpura, Jaipur-302019 Telephone: 0141-3500300 (Ext. 286, 284, 213), Fax: 014-2759555
Website: www.icetce.skit.ac.in/2022

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	AUTHOR/OWNER	REVIEWED BY	APPROVED BY
NAME	1. Ms. Anjana Sangwan, Associate Professor, CSE Department, SKIT 2. Ms. Sanju Choudhary,Associate Professor, IT Department, SKIT 3. Ms. Priyanka, Assistant Professor, CSE Department, SKIT	1. Mr. M. K. Beniwal, Associate Professor, CSE Department, SKIT 2. Mr. Sunil Dhankar, Associate Professor, CSE Department, SKIT	1. Prof. (Dr.) Anil Chaudhary, HOD, IT Department, SKIT 2. Dr. C. M. Choudhary, Professor, CSE Department, SKIT
DESIGNATION	SECRETARY	COORDINATOR	CONVENER

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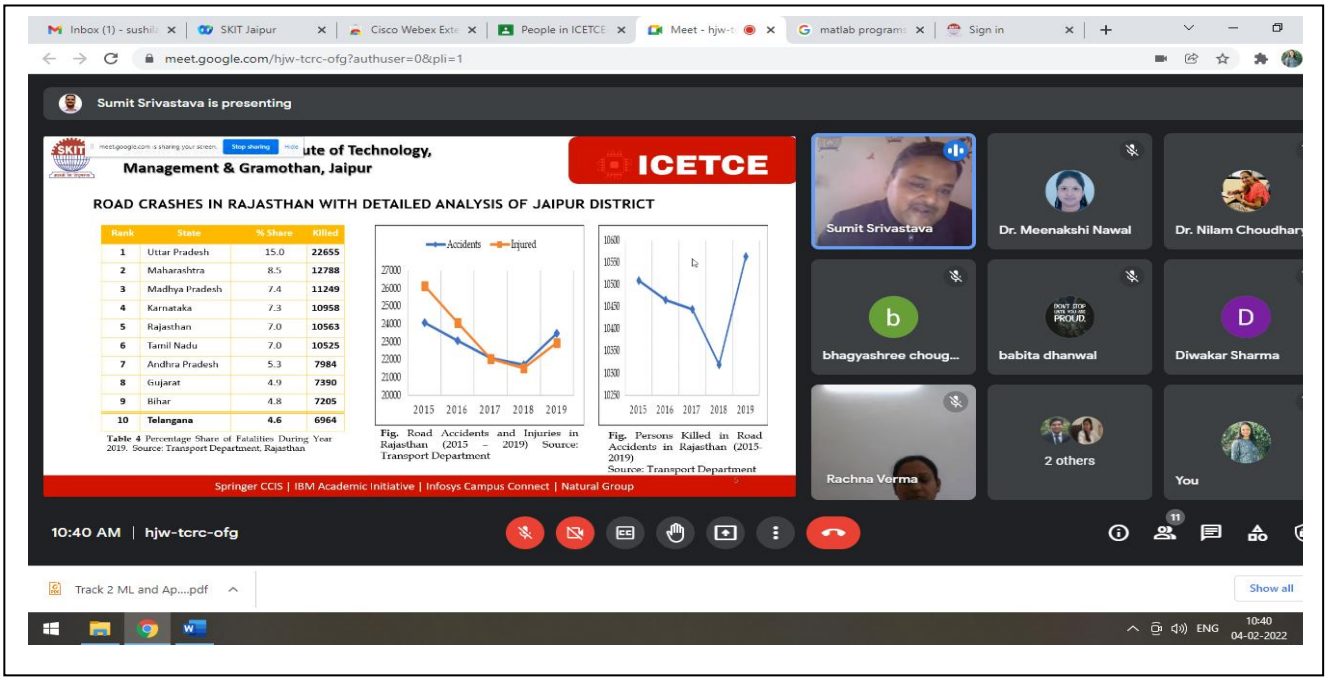
GLIMPSES OF ICETCE-2022


Sumit Srivastava is presenting
ute of Technology,
Management & Gramothan, Jaipur
ICETCE
ROAD CRASHES IN RAJASTHAN WITH DETAILED ANALYSIS OF JAIPUR DISTRICT
Rank State % Share Killed
1 Uttar Pradesh 15.0 22655
2 Maharashtra 8.5 12788
3 Madhya Pradesh 7.4 11249
4 Karnataka 7.3 10958
5 Rajasthan 7.0 10563
6 Tamil Nadu 7.0 10525
7 Andhra Pradesh 5.3 7984
8 Gujarat 4.9 7390
9 Bihar 4.8 7205
10 Telangana 4.6 6964
Table 4 Percentage Share of Fatalities During Year 2019. Source: Transport Department, Rajasthan
Accidents
Injured
Fig. Road Accidents and Injuries in Rajasthan (2015 – 2019) Source: Transport Department
Fig. Persons Killed in Road Accidents in Rajasthan (2015-2019)
Source: Transport Department
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Sumit Srivastava
Dr. Meenakshi Nawal
Dr. Nilam Choudhary
bhagyashree choug...
babita dhanwal
Diwakar Sharma
Rachna Verma
2 others
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Track 2 ML and Ap....pdf
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04-02-2022

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Dr.Chitra Desai is presenting
Data Pre-processing
There are no null values in the dataset.
There are 90 duplicate values in the dataset.
The duplicate values are dropped and the number of instances is reduced to 1696 instances.
The dataset as mentioned earlier consists of 2 columns – text and label.
In this dataset, the label is our target variable.
The target variable consists of four unique classes - The value count across each class is - accounts is 284, biology is 595, geography is 93, physics is 724 as shown in the figure.
It is observed the data is highly imbalanced.
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People
Add people
Search for people
In call
Sunita Gupta (You)
Ab Basit Ahanger
Anjali Pandey
Anjali Pandey
Ashish Pant
Dolly Mittal
Dr. Neha Janu
Neha Mathur
Garima Gupta
Dr.Chitra Desai
Prashant Acha...
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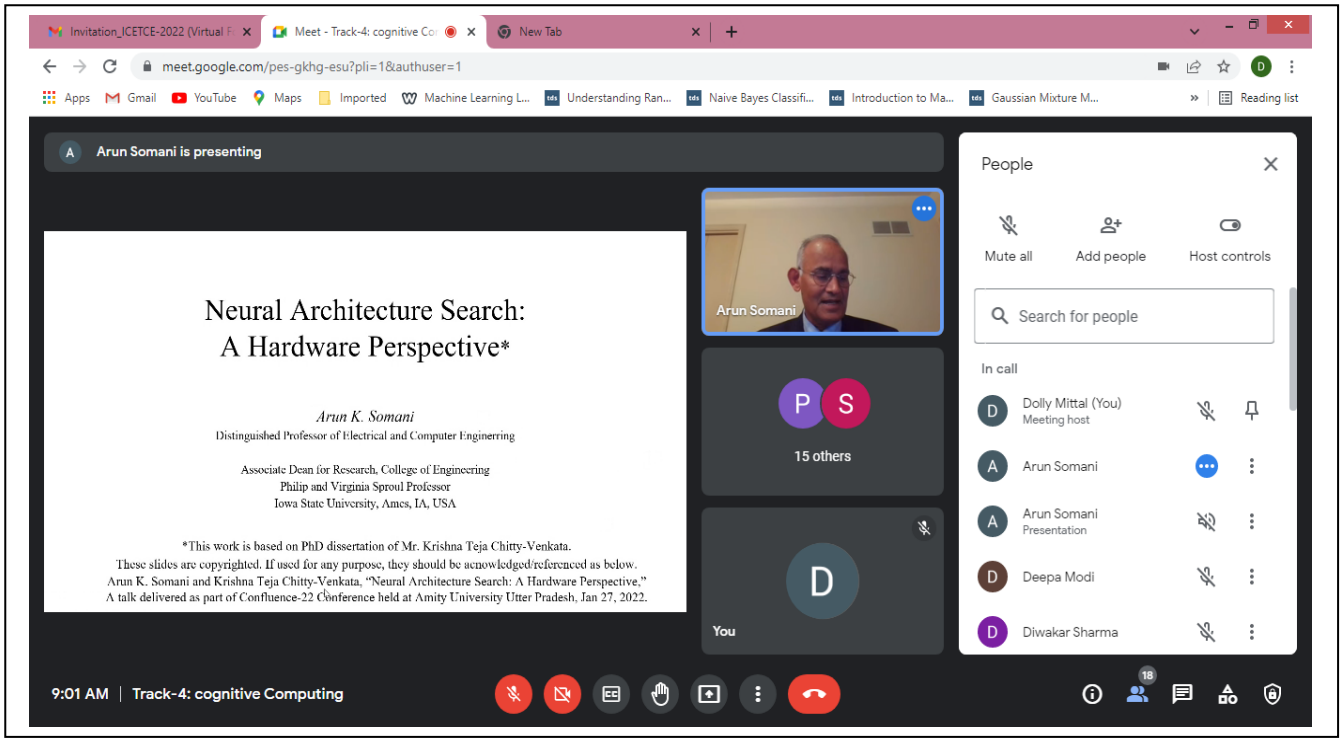
Invitation_ICETCE-2022 (Virtual F
Meet - Track-4: cognitive Co
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Arun Somani is presenting
Neural Architecture Search:
A Hardware Perspective*
Arun K. Somani
Distinguished Professor of Electrical and Computer Engineering
Associate Dean for Research, College of Engineering
Philip and Virginia Sproul Professor
Iowa State University, Ames, IA, USA
*This work is based on PhD dissertation of Mr. Krishna Teja Chitty-Venkata.
These slides are copyrighted. If used for any purpose, they should be acnowledged/referenced as below.
Arun K. Somani and Krishna Teja Chitty-Venkata, "Neural Architecture Search: A Hardware Perspective,"
A talk delivered as part of Confluence-22 Conference held at Amity University Utter Pradesh, Jan 27, 2022.
Arun Somani
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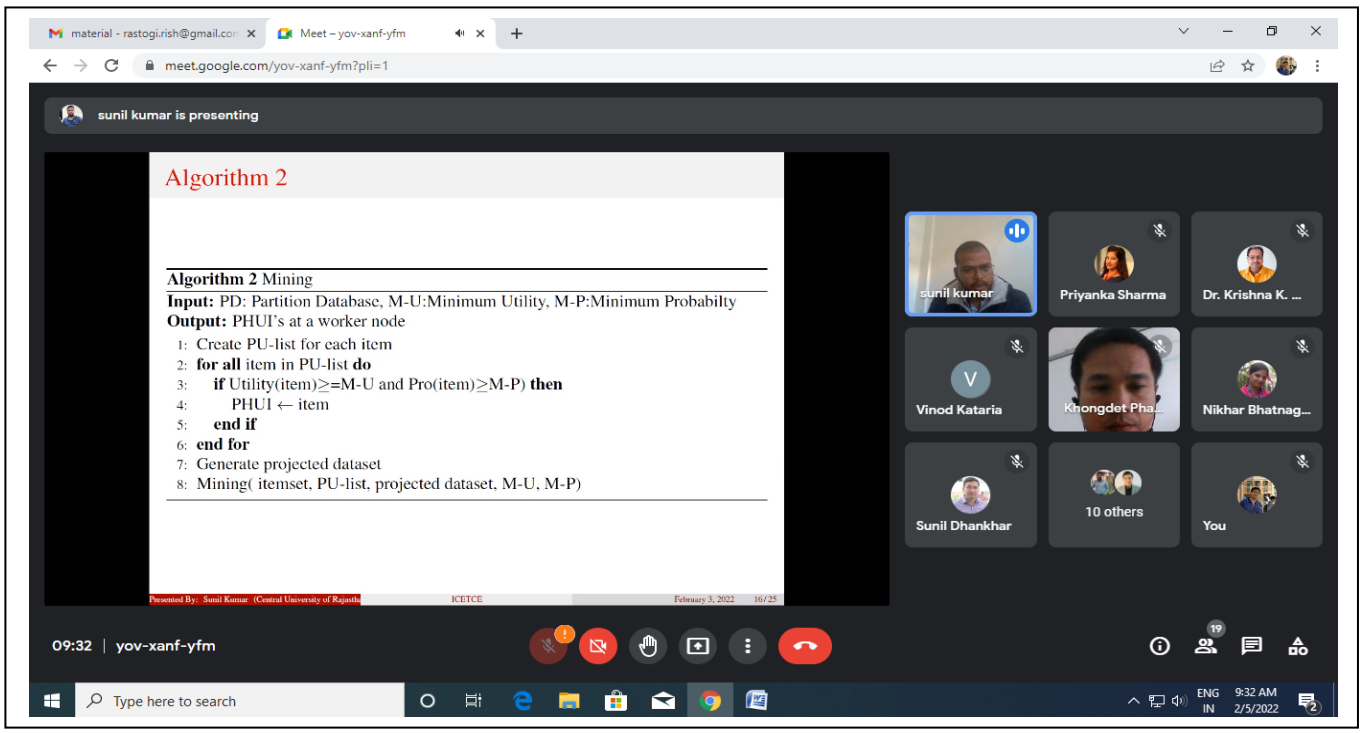
Meeting host
Arun Somani
Arun Somani
Presentation
Deepa Modi
Diwakar Sharma
9:01 AM | Track-4: cognitive Computing


material - rastogi.rish@gmail.com
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sunil kumar is presenting
Algorithm 2
Algorithm 2 Mining
Input: PD: Partition Database, M-U:Minimum Utility, M-P:Minimum Probabilty
Output: PHUI's at a worker node
1: Create PU-list for each item
2: for all item in PU-list do
3: if Utility(item)≥=M-U and Pro(item)≥M-P) then
4: PHUI ← item
5: end if
6: end for
7: Generate projected dataset
8: Mining(itemset, PU-list, projected dataset, M-U, M-P)
Presented By: Sunil Kumar (Central University of Rajasthan
ICETCE
February 3, 2022
16/25
sunil kumar
Priyanka Sharma
Dr. Krishna K. ...
Vinod Kataria
Khongdet Pha...
Nikhar Bhatnag...
Sunil Dhankhar
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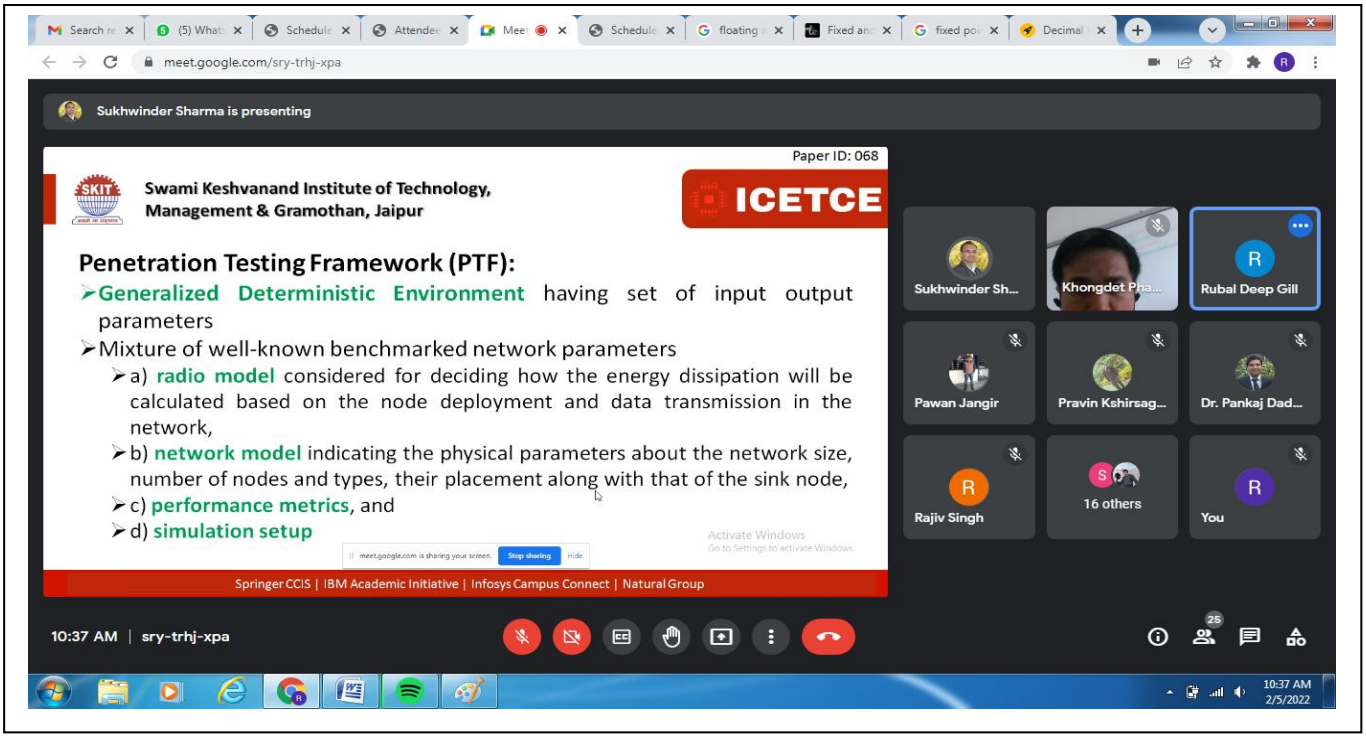
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Sukhwinder Sharma is presenting
Paper ID: 068
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
ICETCE
Penetration Testing Framework (PTF):
Generalized Deterministic Environment having set of input output parameters
Mixture of well-known benchmarked network parameters
a) radio model considered for deciding how the energy dissipation will be calculated based on the node deployment and data transmission in the network,
b) network model indicating the physical parameters about the network size, number of nodes and types, their placement along with that of the sink node,
c) performance metrics, and
d) simulation setup
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Sukhwinder Sh...
Khongdet Pha...
Rubal Deep Gill
Pawan Jangir
Pravin Kshirsag...
Dr. Pankaj Dad...
Rajiv Singh
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2/5/2022

OVERVIEW OF ICETCE-2022

1. Introduction:

First National Conference started in 2011. This conference aims to provide a stage for expert technical exchanges and exhibition regarding the advanced technologies, equipments, techniques, and innovations applied in the field of Computer Engineering.

It has attracted government officials, multinational experts, managers, researchers and technocrats in a relevant field to discuss together their ideas and experiences.

First International Conference started in 2018. The Organizing Committee of 5th International Conference ICETCE-2022, with its utmost sincerity, intends to invite all the related experts and scholars worldwide to attend the Conference and to realize the most extensive exchanges and discussion in this field.

Vision

"To contribute to the Research Community through excellence in scientific and technical research; to serve as a valuable resource, platform for industry and society; and remain a source of pride for researchers."

Mission

"To advance the state of the art in Computer Engineering and to bring those advances in benefit of Society's businesses."

5th INTERNATIONAL CONFERENCE

2. Two Days International Conference on "Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT" (ICETCE-2022). (04th -05th Feb. 2022).

INAUGURAL CEREMONY

CONFERENCE CHAIR - **Prof. (Dr.) Arun K. Somani,** Associate Dean for Research, College of Engineering, Iowa State University, Ames, USA.

GENERAL CHAIR - **Prof. Seeram Ramakrishna,** Vice President Research Strategy, Professor, Faculty of Engineering National University of Singapore (NUS), Singapore.

CHIEF GUEST - **Prof. (Dr.) R. A. Gupta**, Hon'ble Vice-Chancellor, Rajasthan Technical University, Kota

GUEST OF HONOUR – **Dr. Mani Madhukar**, Program Manager, Global University Programs, IBM Research

INAUGRATION

The inaugural ceremony on the first day of the 5th International Conference on "Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT"

At the start, Welcome Note given by Prof. (Dr). S. L. Surana - Director (Academics), SKIT, Jaipur then the Journey of ICETCE presented by Prof. (Dr.) Arun K. Somani, Conference Chair, followed by Conference Introductory Speech by Prof. (Dr.) Anil Chaudhary, Organizing Chair, ICETCE-2022. Motivational Talks were given by Chief Guest Prof. (Dr.) R. A. Gupta, Hon'ble Vice-Chancellor, Rajasthan Technical University, Kota, Guest of Honor Dr. Mani Madhukar, and Prof. Seeram Ramakrishna, General Chair, ICETCE-2022. At the end of the inaugural, a Vote of Thanks was given by Prof. (Dr.) C. M. Choudhary, Organizing Chair, ICETCE-2022. With a focus on the health of the research environment and of the research literature, the theme of the Conference is Cognitive Computing and Intelligent IoT.

PLENARY TALKS

Plenary Talk-I on the topic 'How to Optimize ROI' was given by Conference Chair- Prof. (Dr.) Arun K. Somani, Associate Dean for Research, College of Engineering, Iowa State University, Ames, USA.

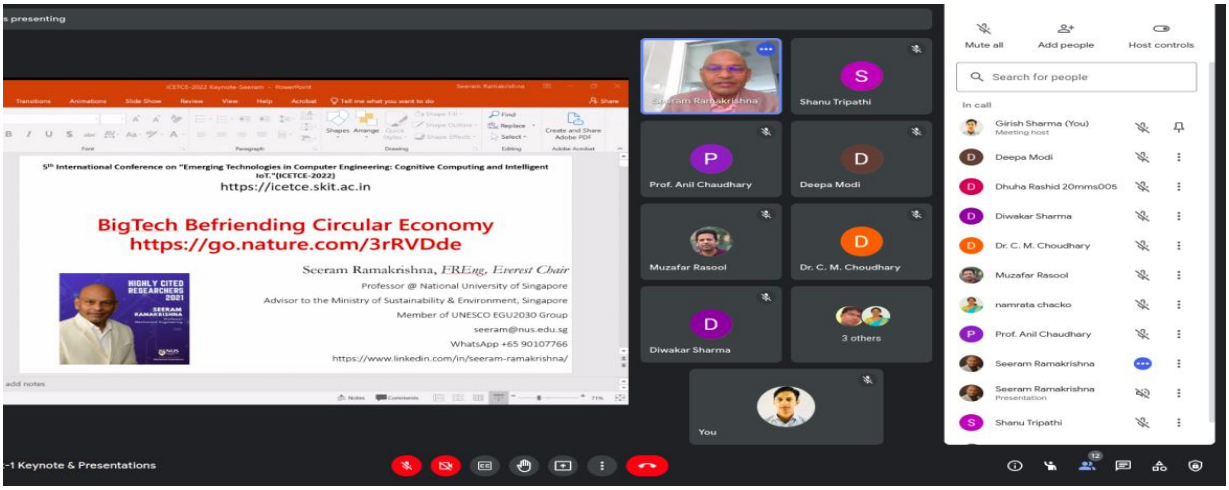
Plenary Talk-II on the topic 'Lessons via COVID19 Lens' was given by General Chair- Prof. Seeram Ramakrishna, Vice President Research Strategy, Professor, Faculty of Engineering National University of Singapore (NUS), Singapore.

Track-1

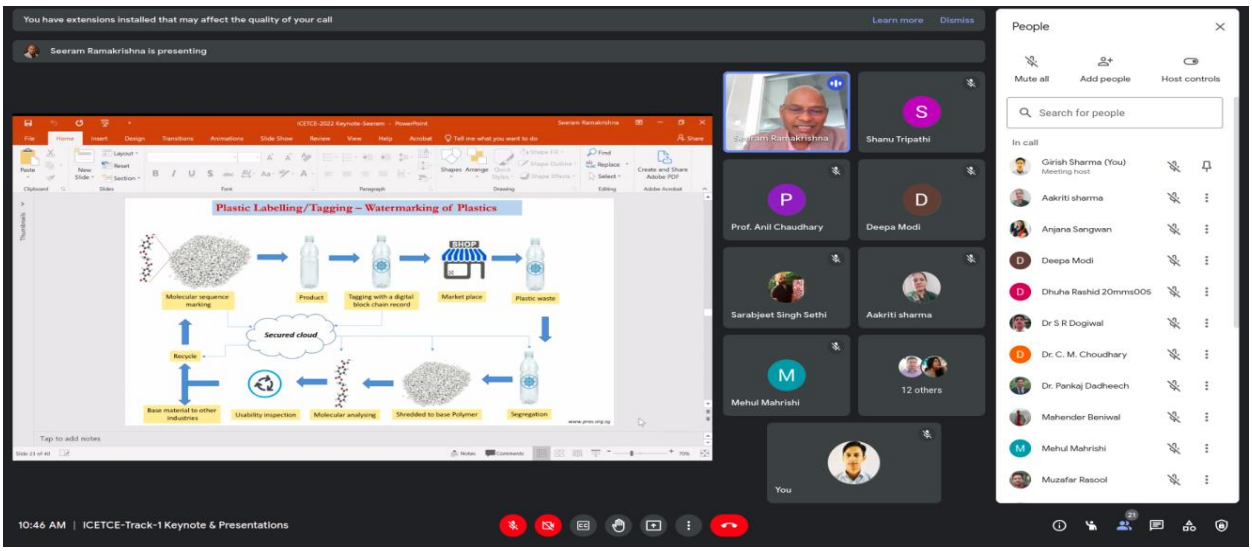
Track-1: Internet of Things (IoT)

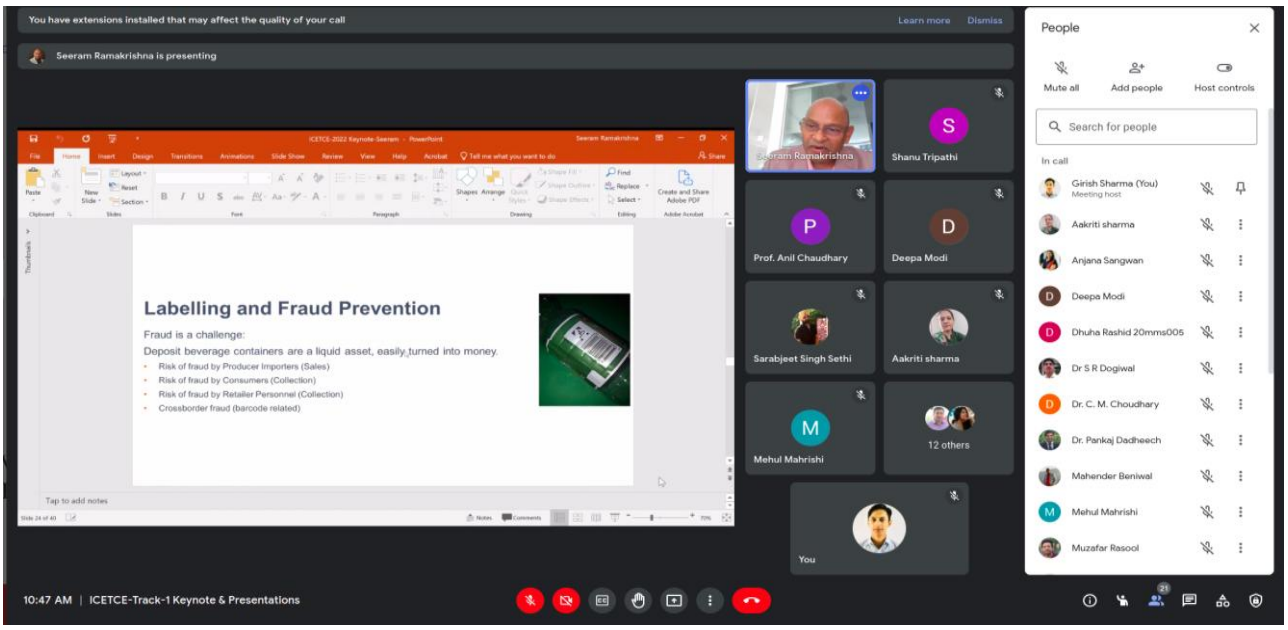
Keynote Session
Track-1: Internet of Things (IoT)
Keynote (10:30 am - 11:00 am): Prof. Seeram Ramakrishna, Vice President Research Strategy, Professor, and Faculty of Engineering National University of Singapore (NUS)**.**

Topic of Talk: BioTech Befriending Circular Economy.



- Prof. Seeram has talked about the multidisplinary domains such as ML, IoT, Fraud Detection and security.
- He has dicussed that how a computer program can detect people who are at higher risk of developing depression.
- He has also talked about the some new concepts like ESG, Zero Carbon society and Greenwashing.
- He has emphasized about the plastic waste management & wearable device in healthcare.

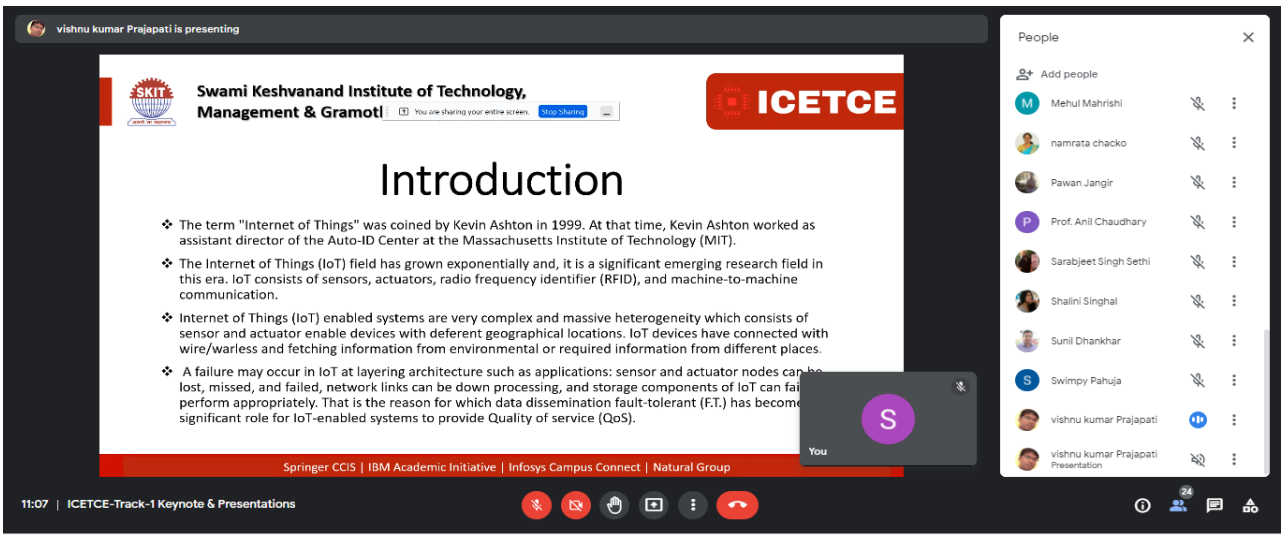




Technical Session Chaired by:

1. **Dr. ManjuKaushik,** Associate Professor, Amity Institute of Information Technology (AIIT)
2. **Dr. AbhishekVerma,** Assistant Professor, IIIT Jabalpur, Madhya Pradesh, India.

SCREENSHOTS OF THE PRESENTATIONS



- 10 Papers were presented in this Track of Technical Session.

Track-2

Machine Learning and Applications

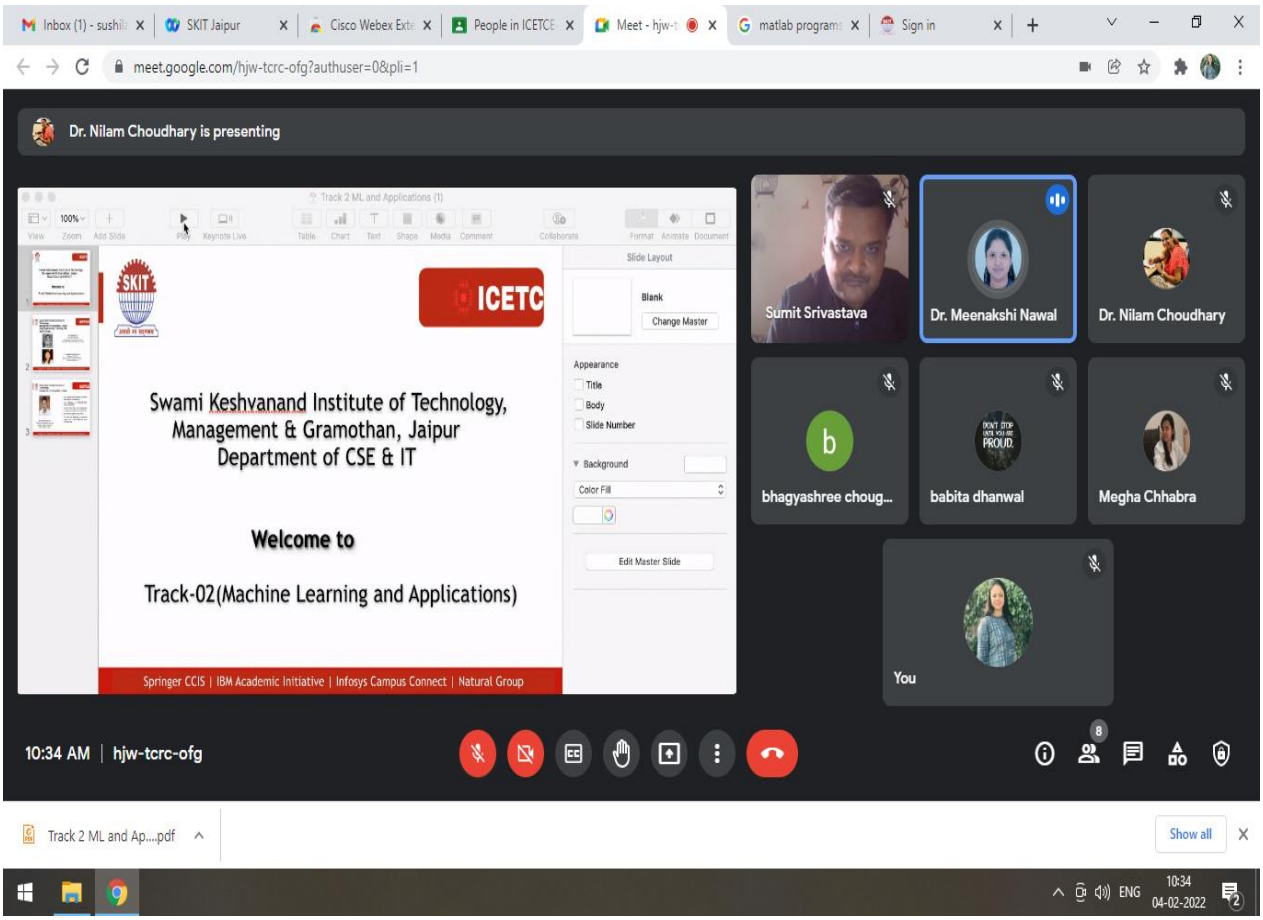
Keynote by- Dr. Sumit Srivastava, Professor, Manipal University, Jaipur & Senior Member, IEEE Delhi Section (10:30-11:00).

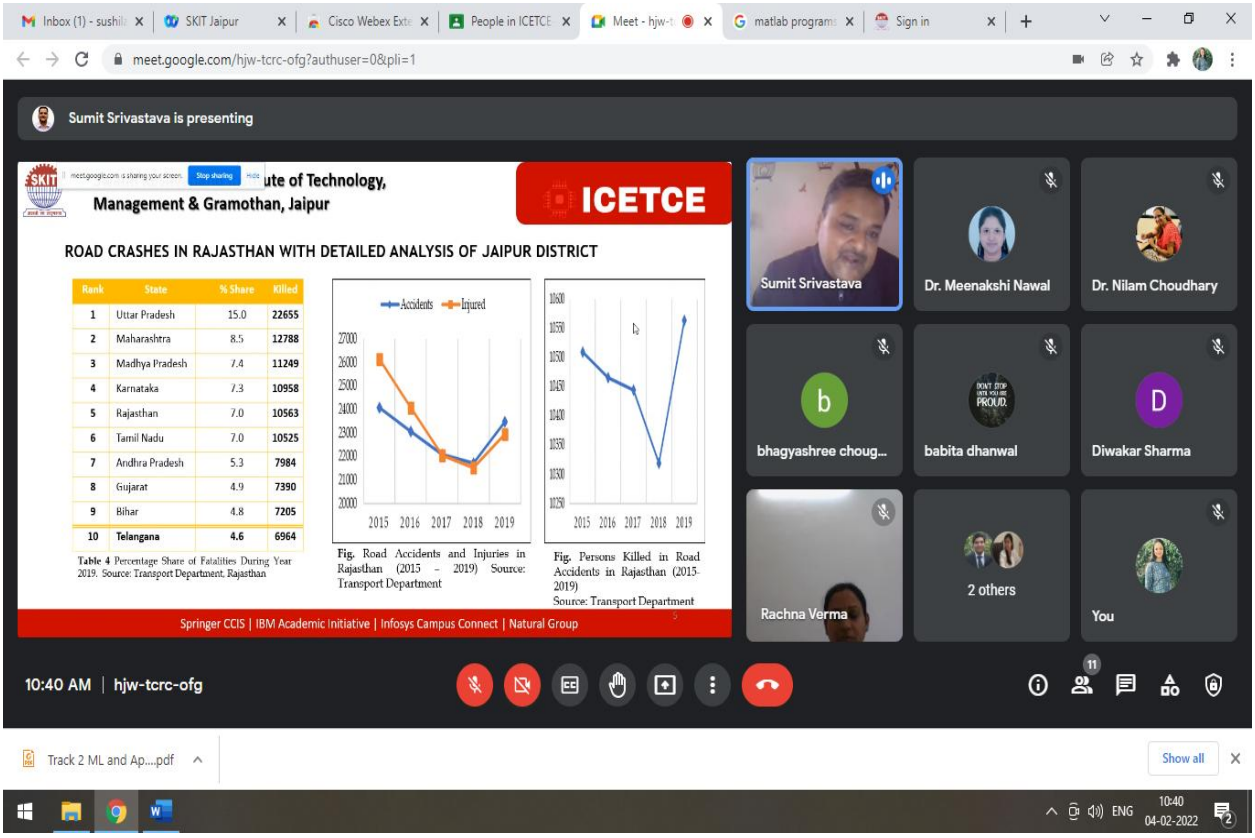
Topic: Machine Learning Model for the Road Accidents.

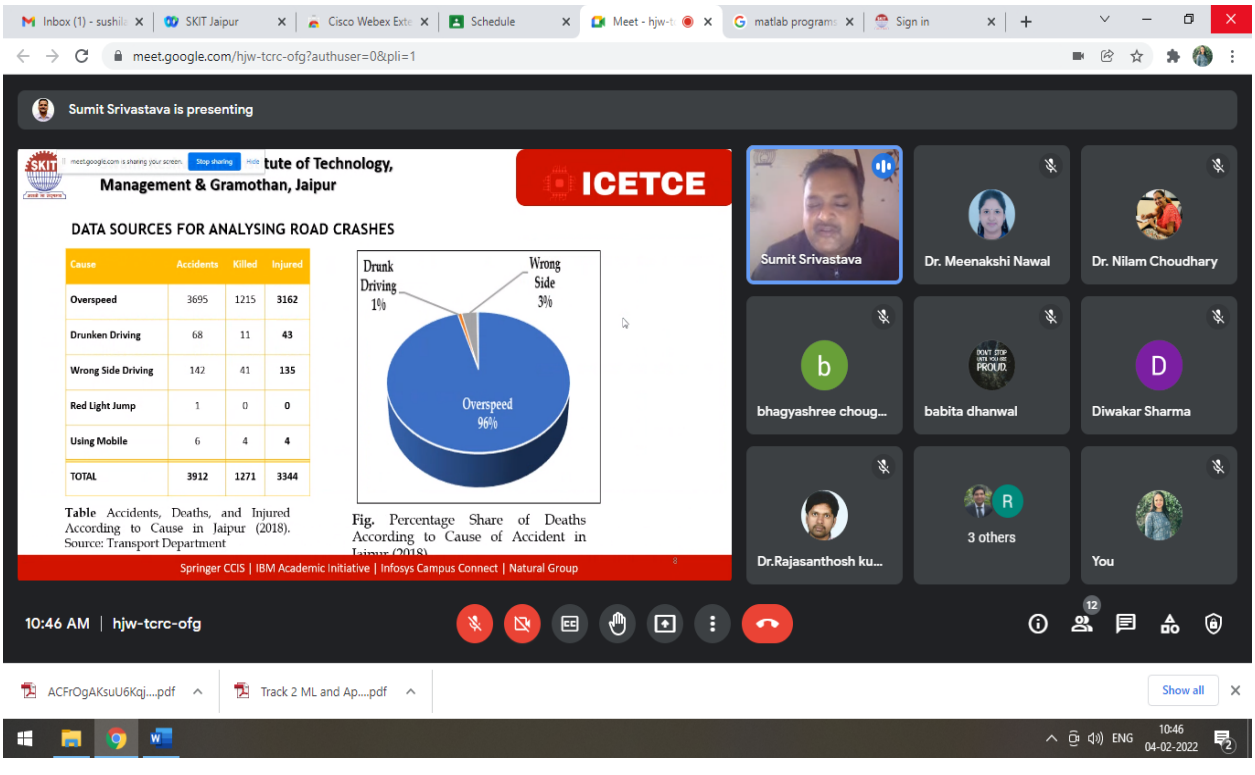
Technical Session Chaired by:

1. Dr. Sudha Morwal, Associate Professor**,** Department of Computer Science, Banasthali Vidhyapith, Rajasthan, India.

2. Dr. Megha Chhabra Grover, Assistant professor**,** Department of Computer Science**,** Sharda University, UP, India







- 13 Papers were presented in this Track of Technical Session.

Track 3

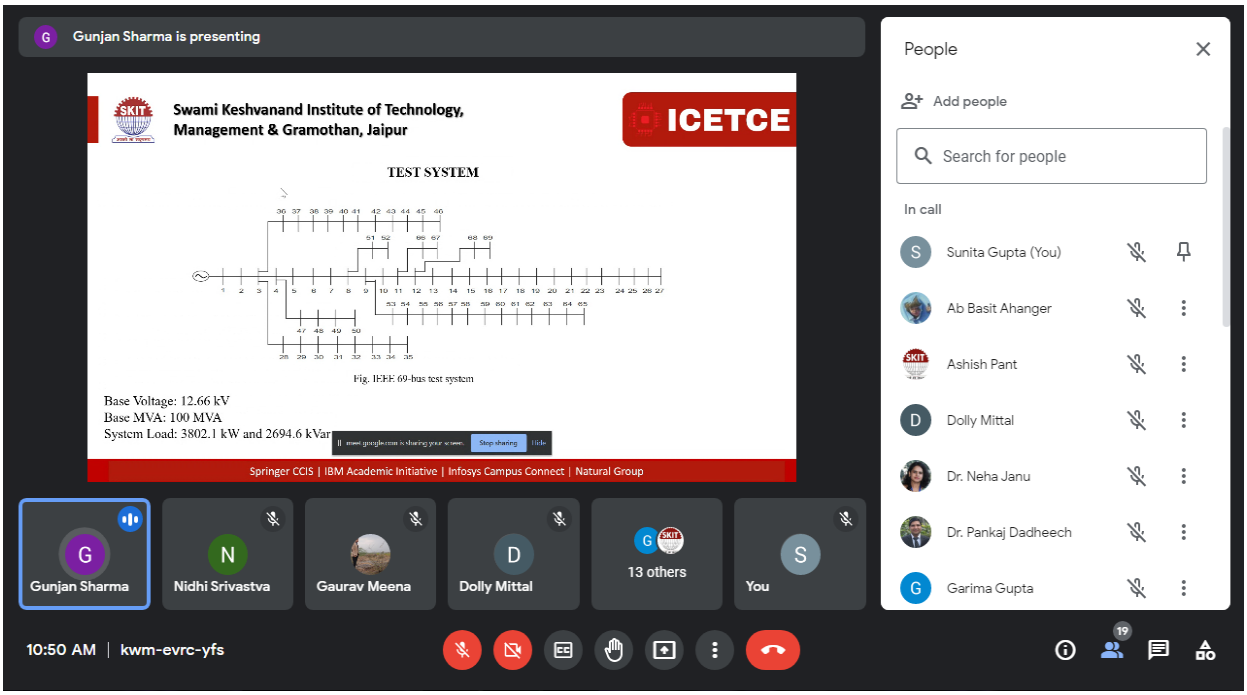
Soft Computing

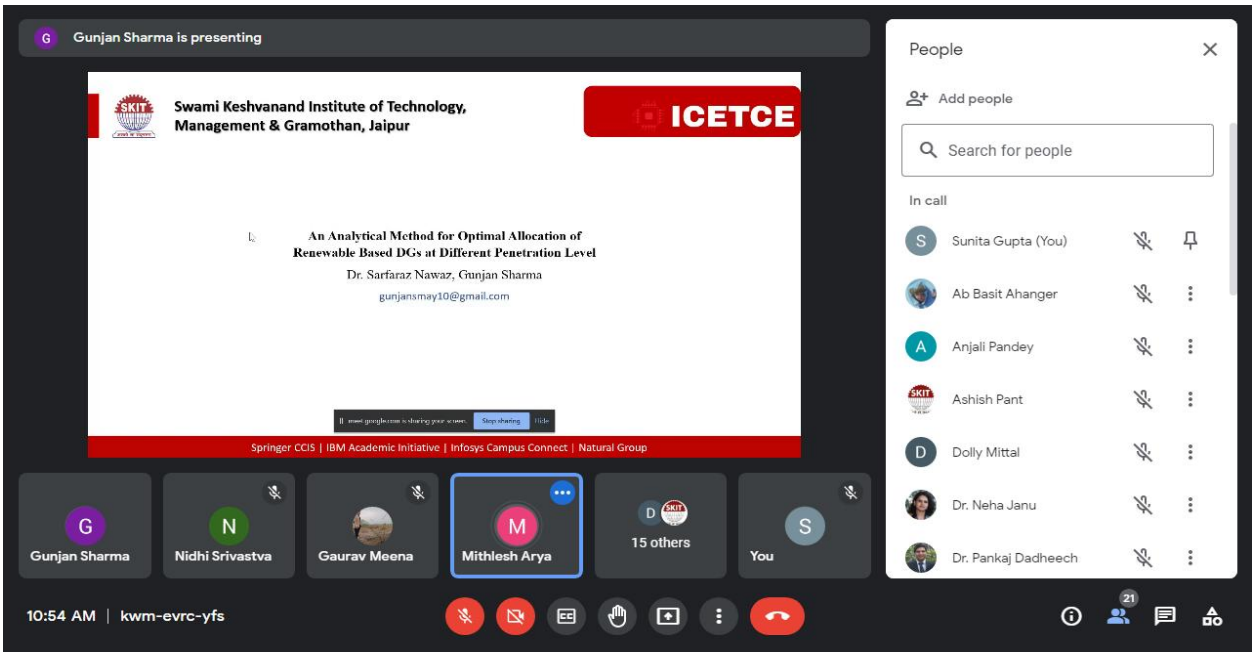
Technical Session (10:30-1:30)

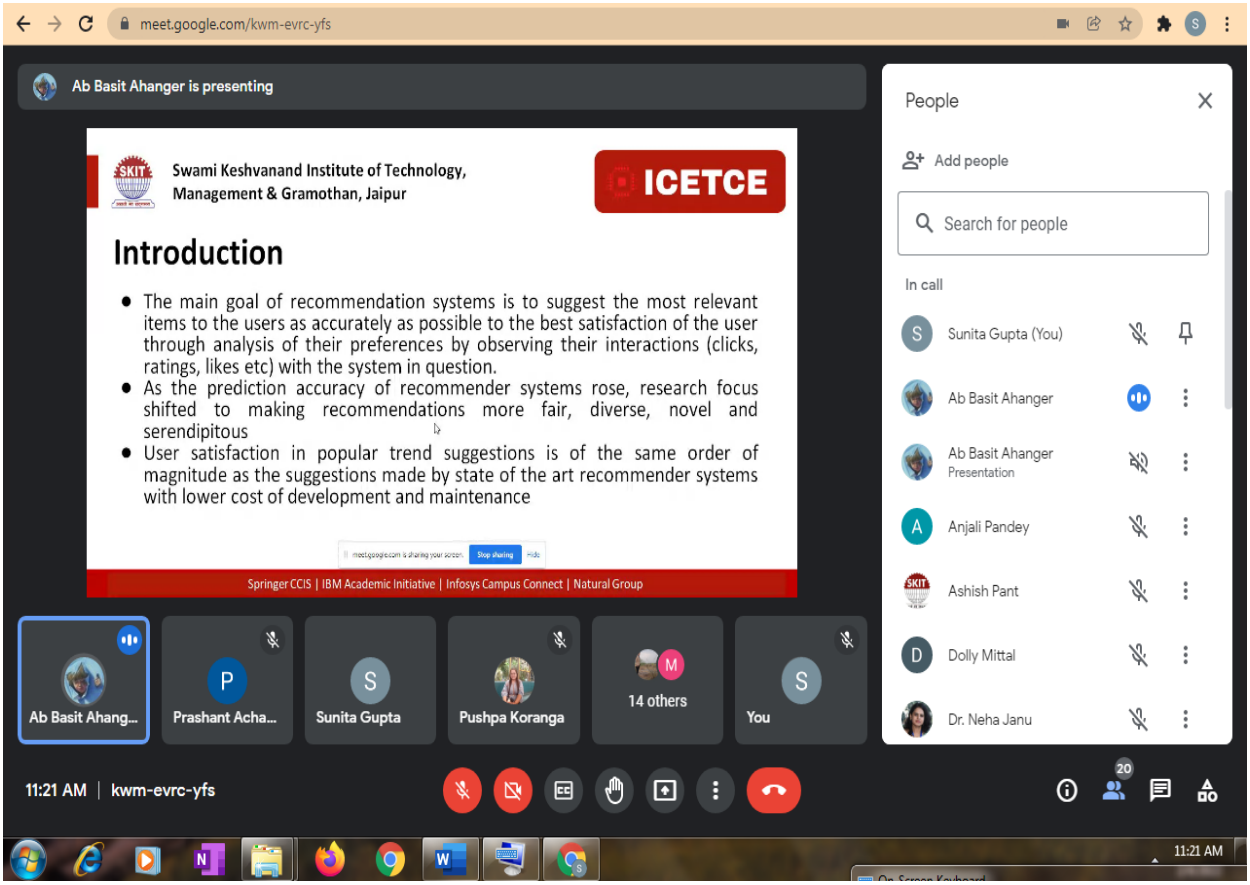
Total 12 papers were presented in this session.

Technical Session Chaired by:

1. **Dr. Mithlesh Arya**, Poornima College of Engineering, Jaipur, Rajasthan, India.
2. **Mr. Gaurav Meena**, Assistant Professor, Central University of Rajasthan, India.



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Introduction
The main goal of recommendation systems is to suggest the most relevant items to the users as accurately as possible to the best satisfaction of the user through analysis of their preferences by observing their interactions (clicks, ratings, likes etc) with the system in question.
As the prediction accuracy of recommender systems rose, research focus shifted to making recommendations more fair, diverse, novel and serendipitous
User satisfaction in popular trend suggestions is of the same order of magnitude as the suggestions made by state of the art recommender systems with lower cost of development and maintenance
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Prashant Acha...
Sunita Gupta
Pushpa Koranga
14 others
You
People
Add people
Search for people
In call
Sunita Gupta (You)
Ab Basit Ahanger
Ab Basit Ahanger Presentation
Anjali Pandey
Ashish Pant
Dolly Mittal
Dr. Neha Janu
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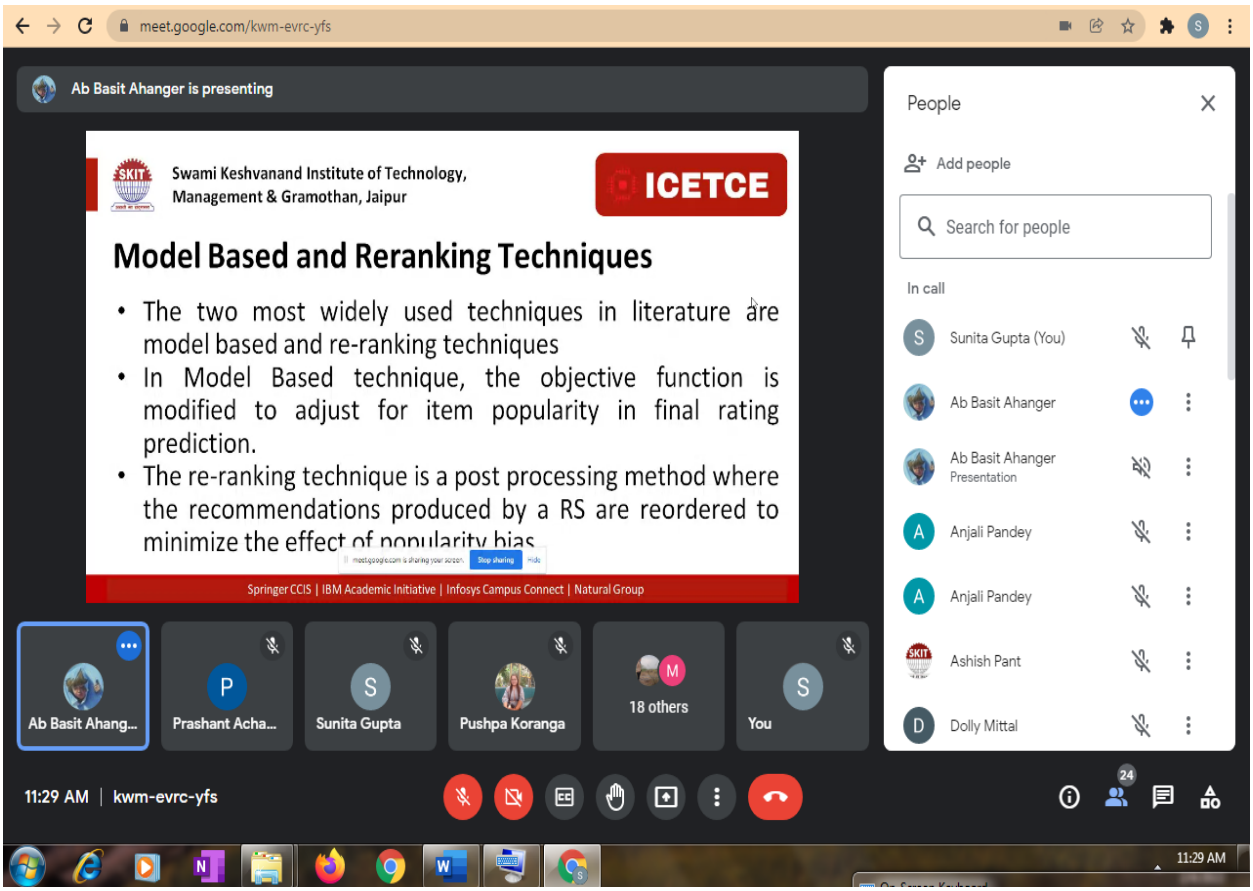
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Model Based and Reranking Techniques
The two most widely used techniques in literature are model based and re-ranking techniques
In Model Based technique, the objective function is modified to adjust for item popularity in final rating prediction.
The re-ranking technique is a post processing method where the recommendations produced by a RS are reordered to minimize the effect of popularity bias
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Prashant Acha...
Sunita Gupta
Pushpa Koranga
18 others
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People
Add people
Search for people
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Sunita Gupta (You)
Ab Basit Ahanger
Ab Basit Ahanger Presentation
Anjali Pandey
Anjali Pandey
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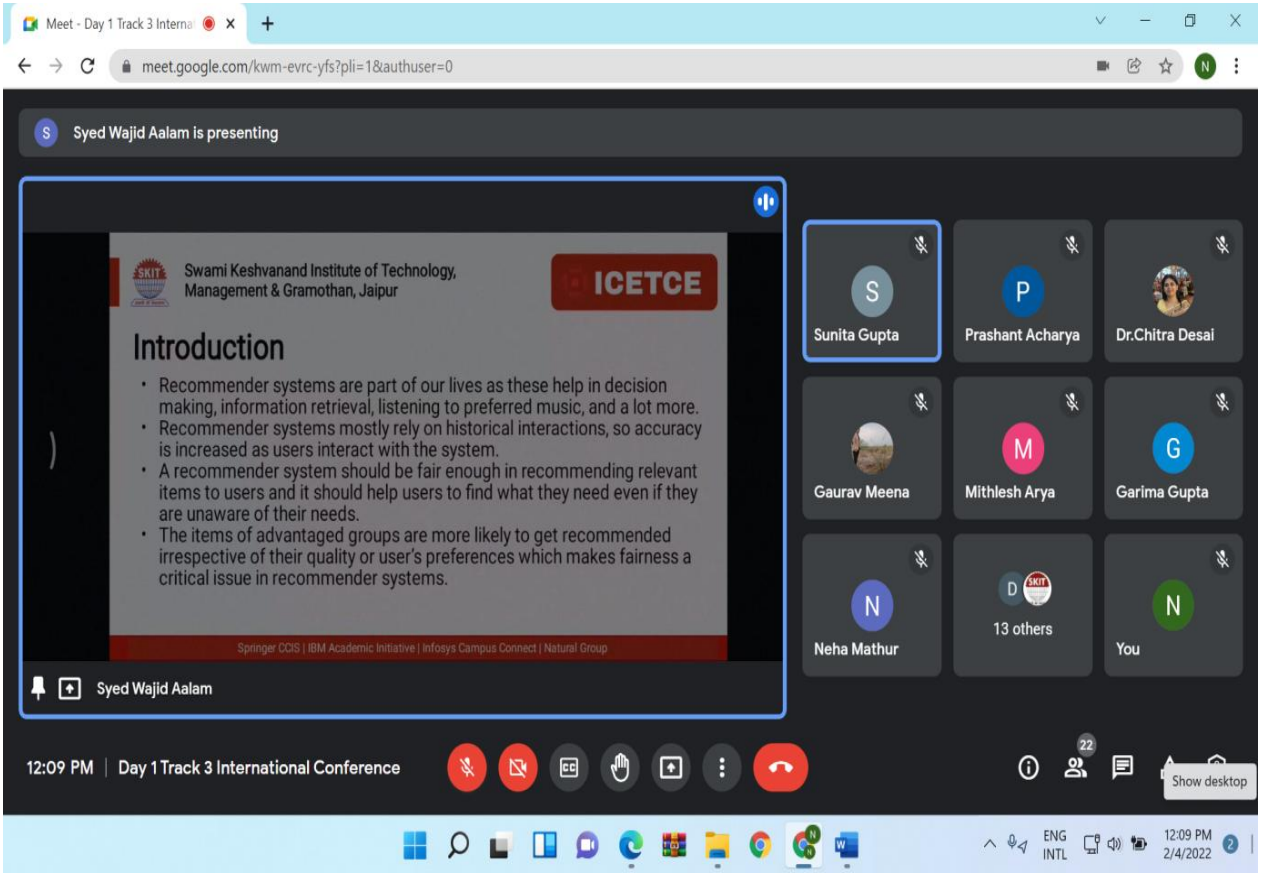
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Syed Wajid Aalam is presenting
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
ICETCE
Introduction
Recommender systems are part of our lives as these help in decision making, information retrieval, listening to preferred music, and a lot more.
Recommender systems mostly rely on historical interactions, so accuracy is increased as users interact with the system.
A recommender system should be fair enough in recommending relevant items to users and it should help users to find what they need even if they are unaware of their needs.
The items of advantaged groups are more likely to get recommended irrespective of their quality or user's preferences which makes fairness a critical issue in recommender systems.
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Prashant Acharya
Dr.Chitra Desai
Gaurav Meena
Mithlesh Arya
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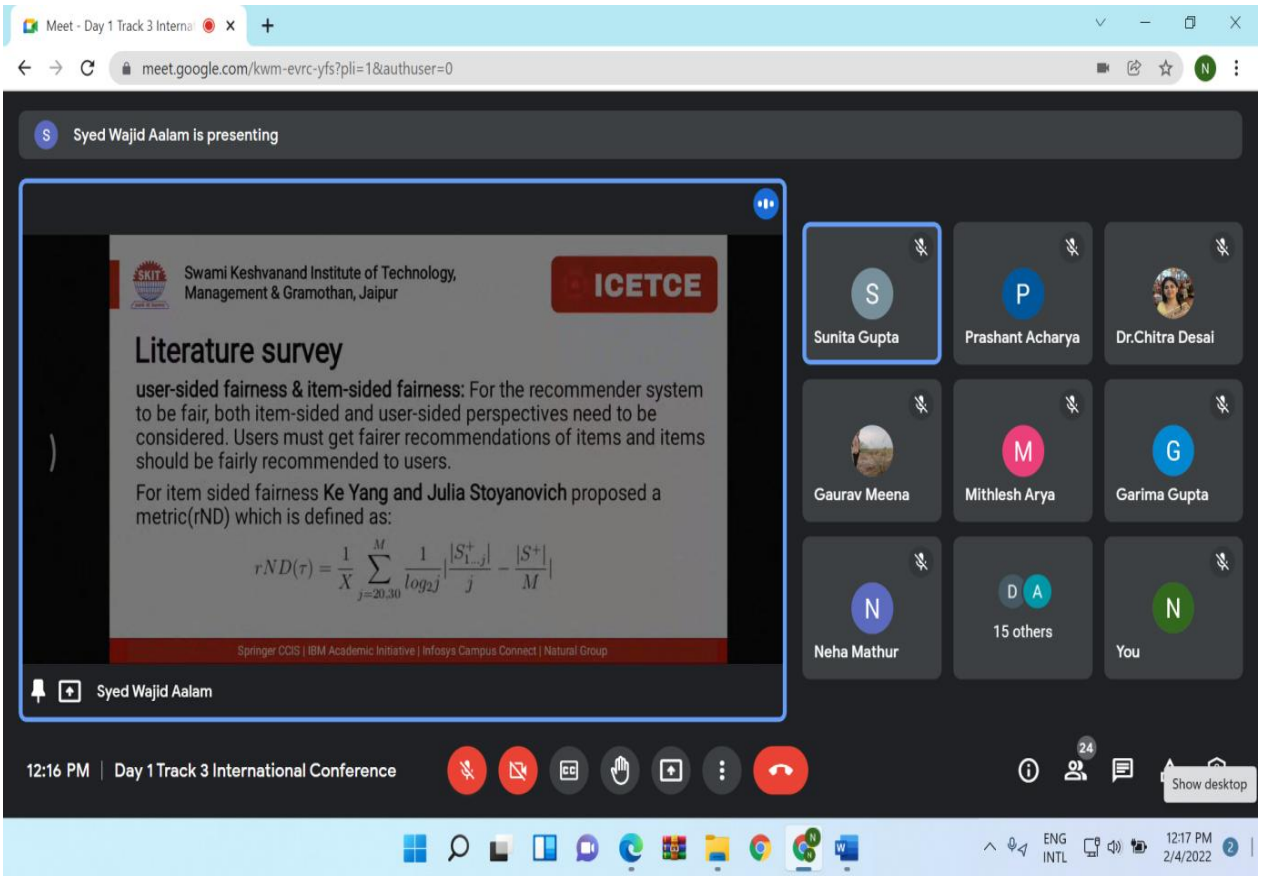
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Literature survey
user-sided fairness & item-sided fairness: For the recommender system to be fair, both item-sided and user-sided perspectives need to be considered. Users must get fairer recommendations of items and items should be fairly recommended to users.
For item sided fairness Ke Yang and Julia Stoyanovich proposed a metric(rND) which is defined as:
$$rND(\tau) = \frac{1}{X} \sum_{j=20,30}^{M} \frac{1}{log_2 j} \left| \frac{|S^+_{1..j}|}{j} - \frac{|S^+|}{M} \right|$$
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Prashant Acharya
Dr.Chitra Desai
Gaurav Meena
Mithlesh Arya
Garima Gupta
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It is observed the data is highly imbalanced.
physics
biology
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People
Add people
Search for people
In call
Sunita Gupta (You)
Ab Basit Ahanger
Anjali Pandey
Anjali Pandey
Ashish Pant
Dolly Mittal
Dr. Neha Janu
Neha Mathur
Garima Gupta
Dr.Chitra Desai
Prashant Acha...
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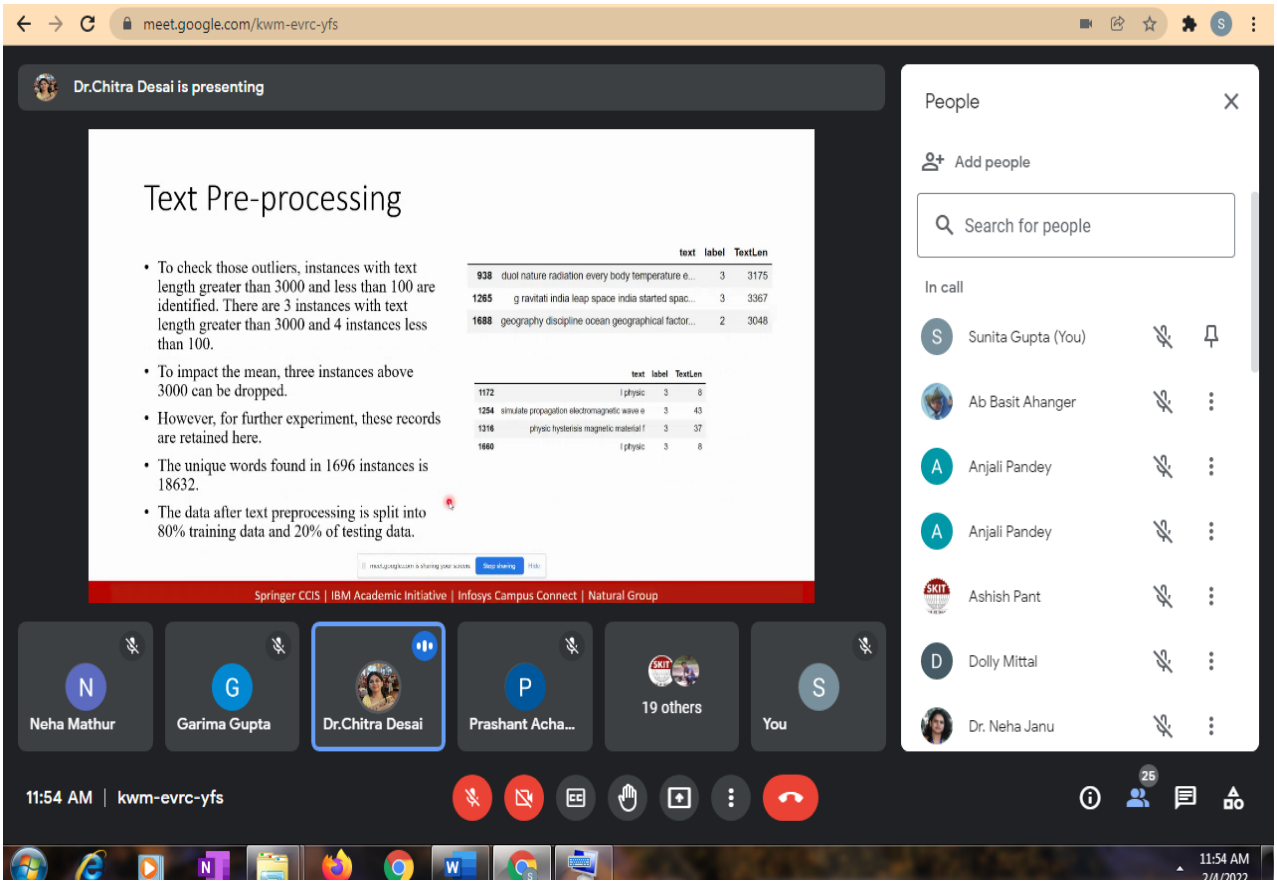
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Dr.Chitra Desai is presenting
Text Pre-processing
To check those outliers, instances with text length greater than 3000 and less than 100 are identified. There are 3 instances with text length greater than 3000 and 4 instances less than 100.
To impact the mean, three instances above 3000 can be dropped.
However, for further experiment, these records are retained here.
The unique words found in 1696 instances is 18632.
The data after text preprocessing is split into 80% training data and 20% of testing data.
text label TextLen
938 duol nature radiation every body temperature e... 3 3175
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1688 geography discipline ocean geographical factor... 2 3048
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People
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Sunita Gupta (You)
Ab Basit Ahanger
Anjali Pandey
Anjali Pandey
Ashish Pant
Dolly Mittal
Dr. Neha Janu
Neha Mathur
Garima Gupta
Dr.Chitra Desai
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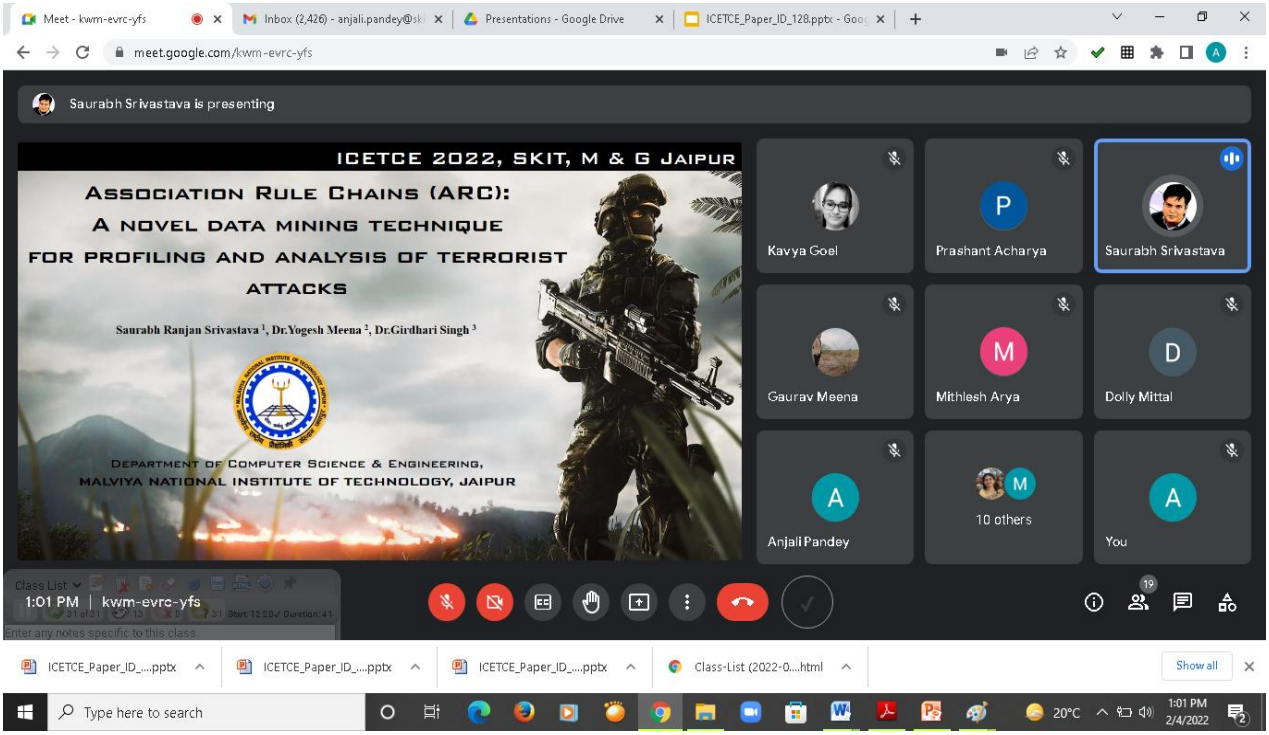
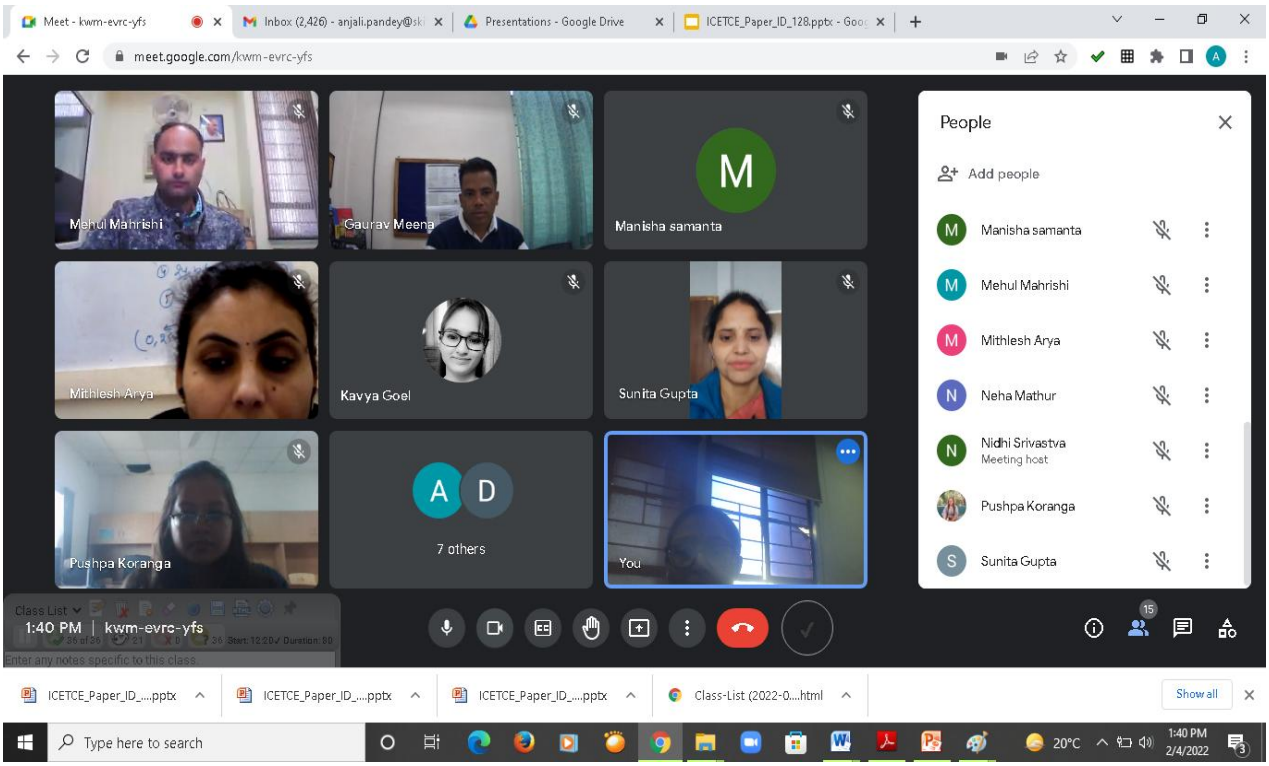




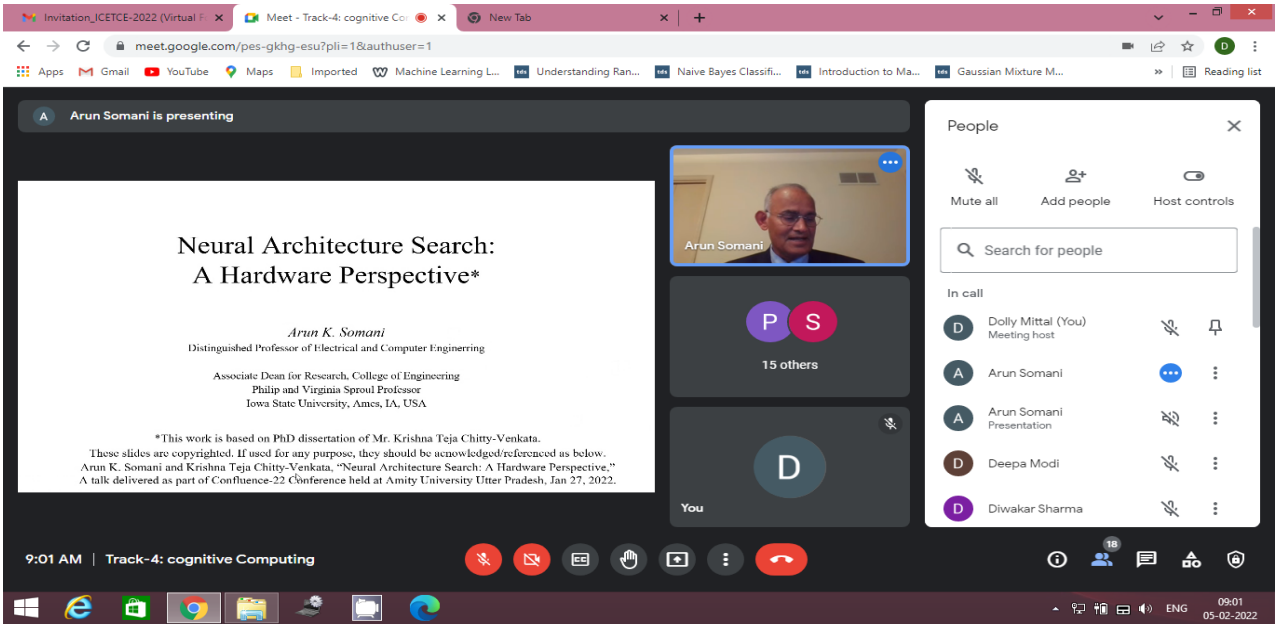
- 12 Papers were presented in this Track of Technical Session.

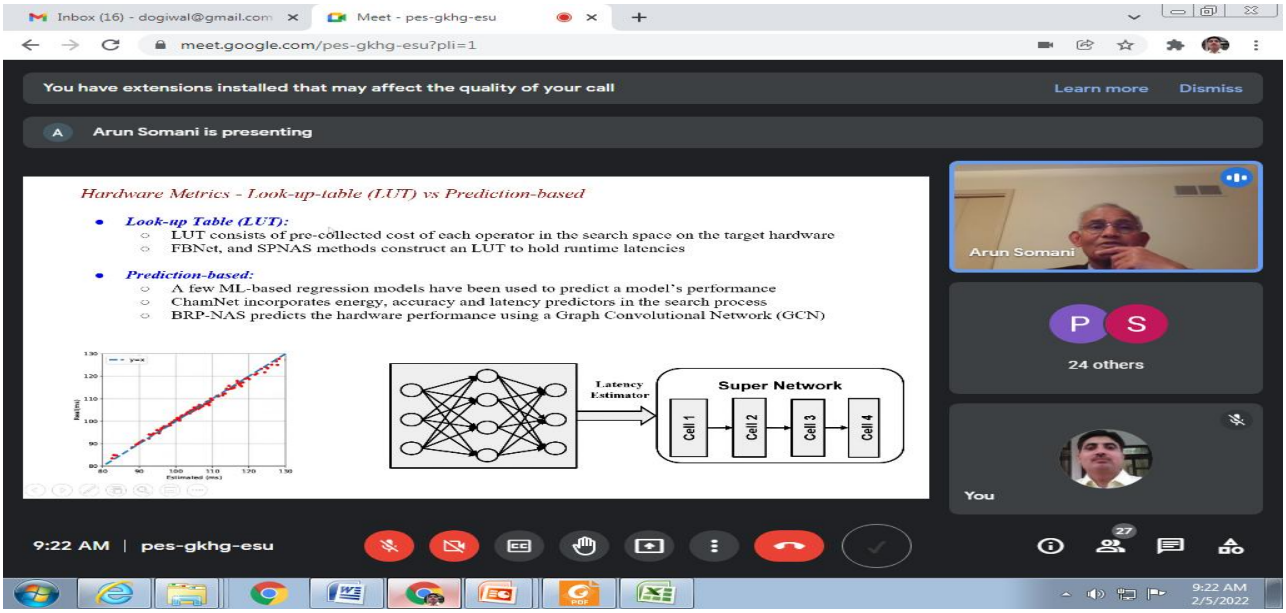
Track 4

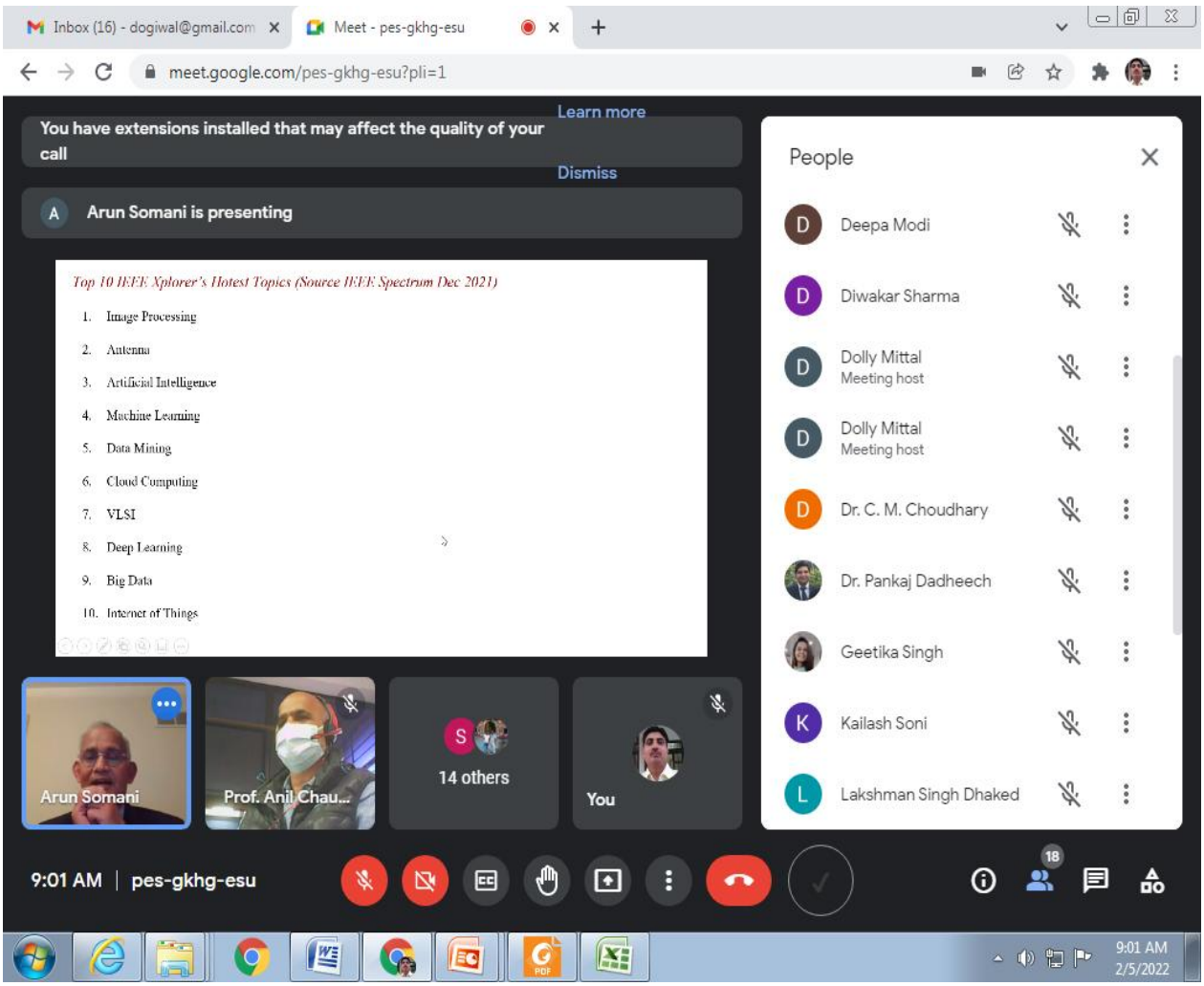
Cognitive Computing

Keynote (9:00 am - 09:30 am) by Prof. (Dr.) Arun K. Somani, Associate Dean for Research, College of Engineering, Iowa State University, Ames, USA.

1. He started the session with the basics of Hardware Perspective of Neural Architecture Search.
2. He explained the neural network processing hardware.
3. He also talked about Image and weight reuse without layer fusion.
4. He also discussed various case studies on this like ASIC: Accelerator Aware NAS. .
5. At the end a very healthy question answer session also took place. Different questions were asked by the participants related to various application of Deep learning in Image Processing.



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Arun Somani is presenting
Top 10 IEEE Xplorer's Hotest Topics (Source IEEE Spectrum Dec 2021)
1. Image Processing
2. Antenna
3. Artificial Intelligence
4. Machine Learning
5. Data Mining
6. Cloud Computing
7. VLSI
8. Deep Learning
9. Big Data
10. Internet of Things
People
Deepa Modi
Diwakar Sharma
Dolly Mittal
Meeting host
Dolly Mittal
Meeting host
Dr. C. M. Choudhary
Dr. Pankaj Dadheech
Geetika Singh
Kailash Soni
Lakshman Singh Dhaked
Arun Somani
Prof. Anil Chau...
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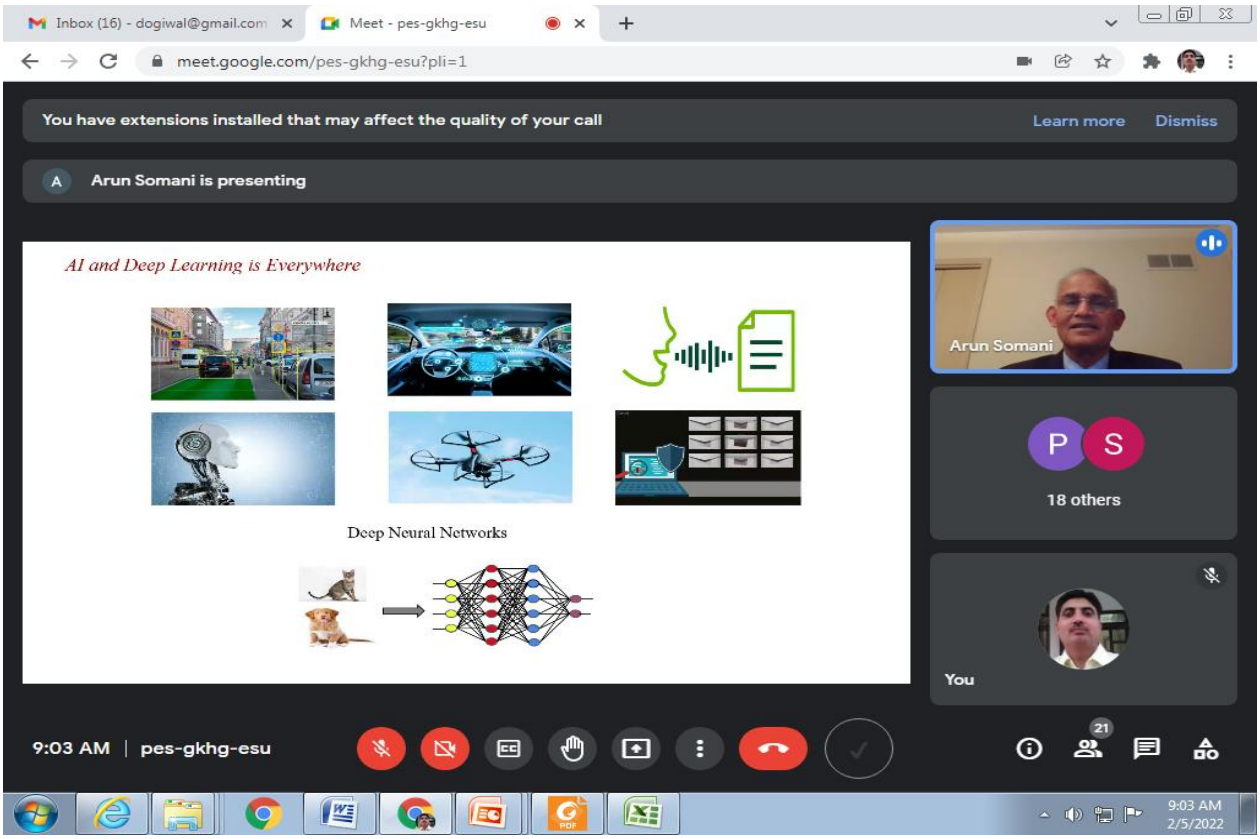
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AI and Deep Learning is Everywhere
Deep Neural Networks
Arun Somani
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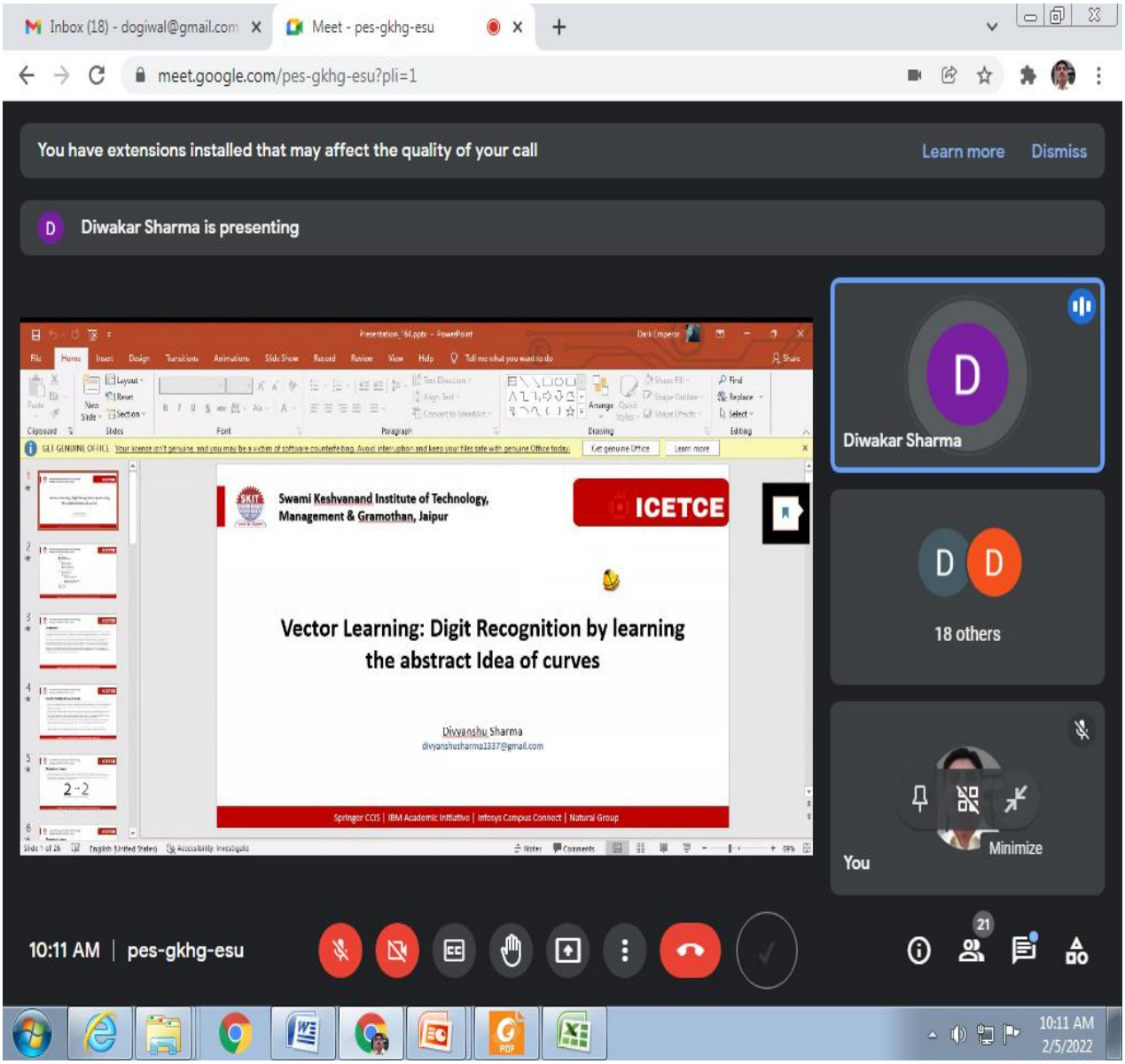
Technical Session Chaired by:

1. **Dr. Linesh Raja,** Assistant Professor, Department of Computer Applications, Manipal University Jaipur, Rajasthan, India.
2. **Dr. Kamal Kant Hiran,** Associate Professor, Sir Padmapat Singhania University, Udaipur, Rajasthan.



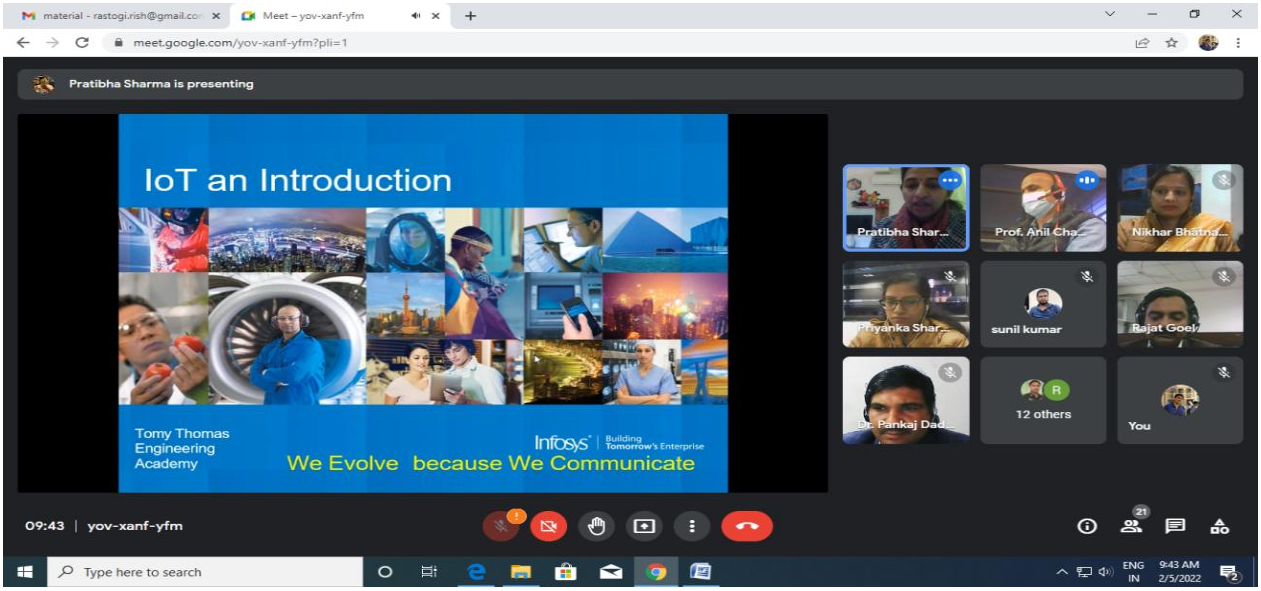
- 8 Papers were presented in this Track of Technical Session.

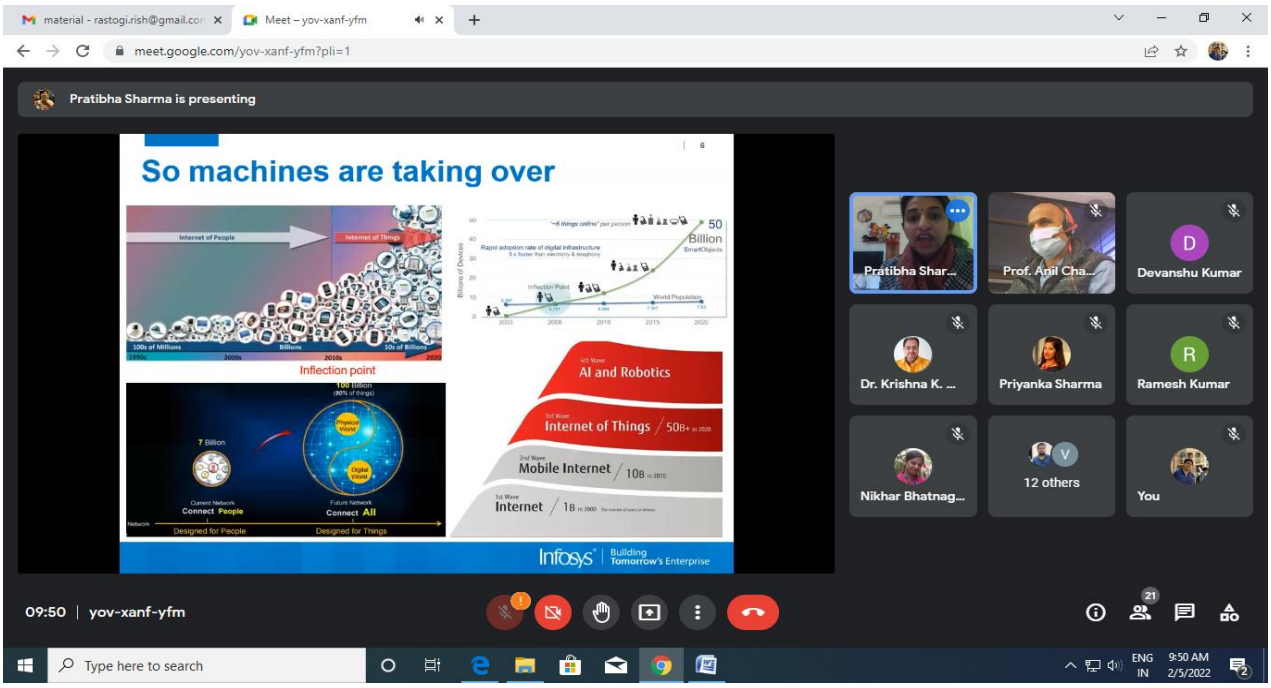
Track 5

Data Science & Big Data Analytics

Keynote (9:30 am - 10:00 am) by Ms. Pratibha Sharma, Technical Test Lead, Infosys Ltd.

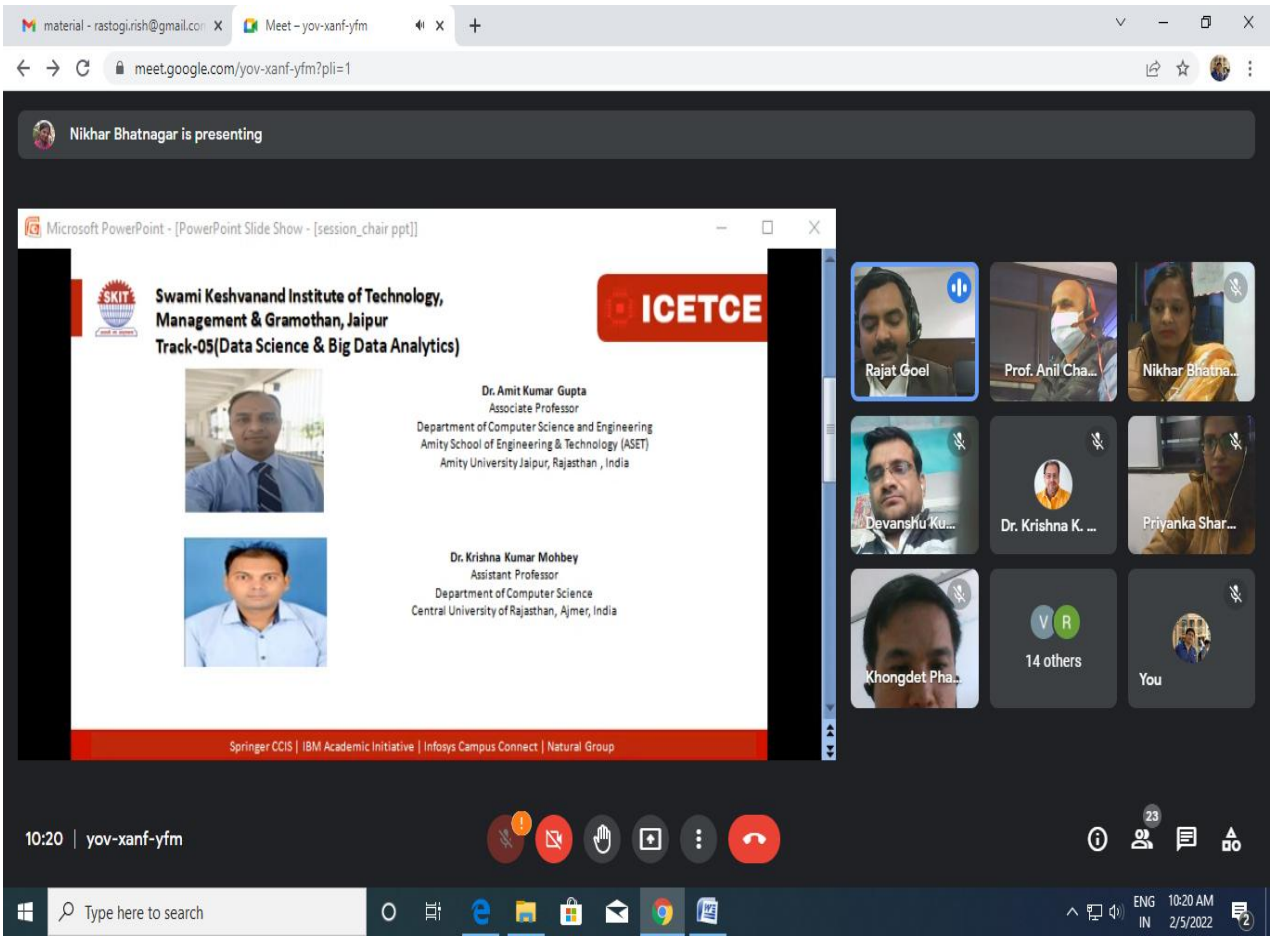
1. Session was taken by **Ms. Pratibha Sharma**, Technical Test Lead, Infosys Ltd.
2. She started the session with a brief introduction on IoT, Internet of Things.
3. She talked about different waves of technologies like IoT, AI and Robotics.
4. She explained the 3 A's of IoT namely Aware, Autonomous & Actionable.
5. She also explained the elements of IoT namely Identification, sensing, communication, computation and data visualization.
6. At the end a very healthy question answer session also took place where different questions were asked by the participants related to the various applications of IoT.





Technical Session Chaired by:

1. **Dr. Amit Kumar Gupta,** Associate Professor, Department of Computer Science and Engineering, Amity School of Engineering & Technology (ASET), Amity University Jaipur, Rajasthan, India.
2. **Dr. Krishna Kant Mohbey**, Assistant Professor, Department of Computer Science, Central University of Rajasthan, Ajmer, India.



- 6 Papers were presented in this Track of Technical Session.

Track 6

Blockchain and Cyber Security

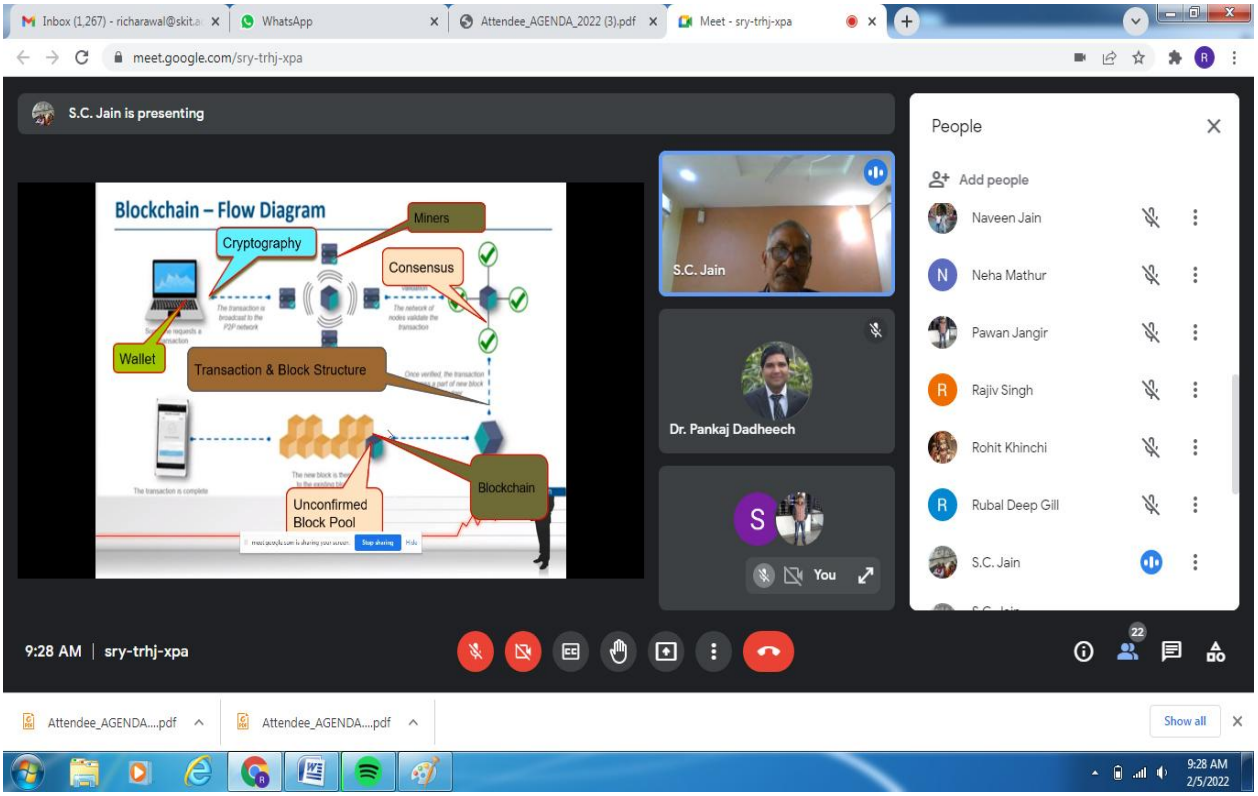
Track – 6 (Presentation link: https://meet.google.com/sry-trhj-xpa)

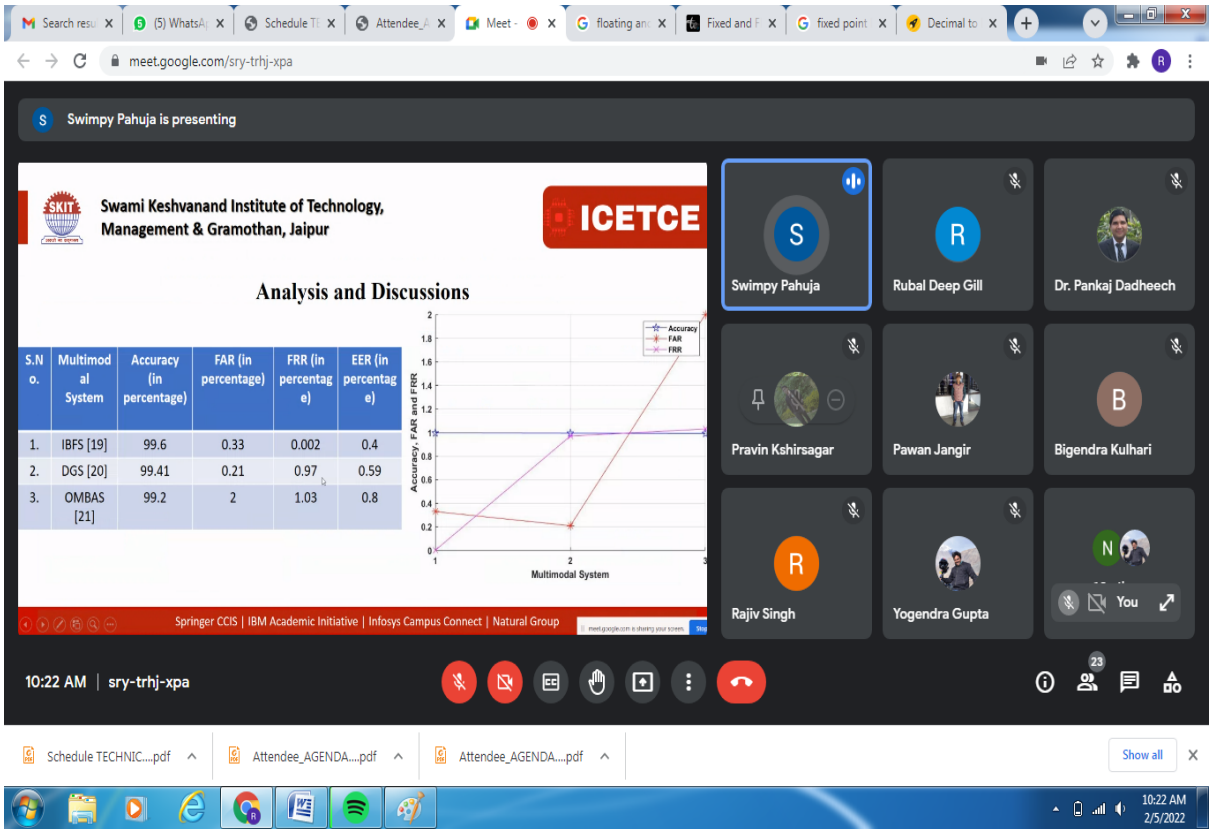
Keynote (9:00 am - 09:30 am) by Prof. (Dr.) S. C. Jain, Professor, Computer Science & Engineering, Rajasthan Technical University, Kota, Rajasthan.

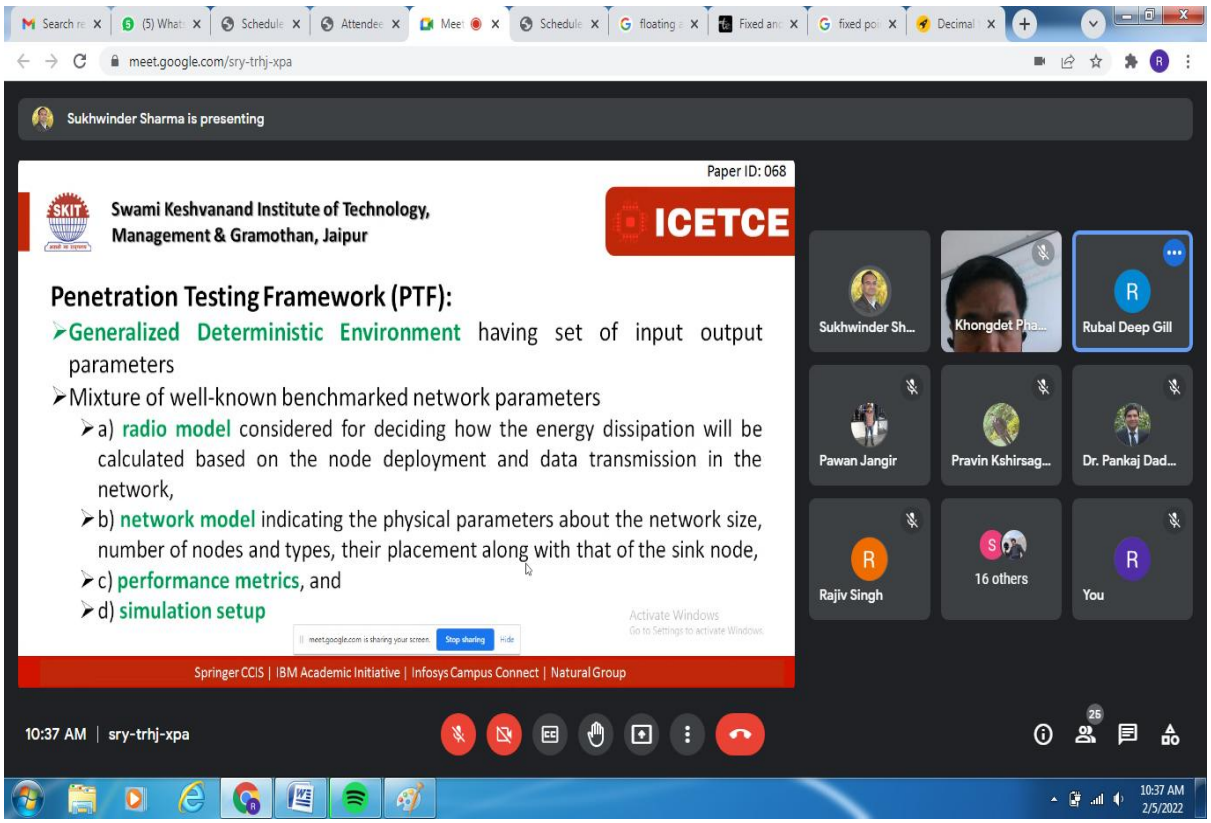
1. Session was taken by **Prof. (Dr). S. C. Jain**, Professor ,Department of Computer Science & Engineering, Rajasthan Technical University, Kota, Rajasthan.
2. He started the session with the basics of Bank transactions and cyber crimes and security measures.
3. He explains the topics and various techniques of Blockchain Generations from 1 to 4.
4. He also talked about Blockchain 4 emerges in business application and also discussed Blockchain as Service (Baas).
5. He also explains the various challenges faced by these techniques and also discuss latest emerging areas.
6. At the end a very healthy question answer session also took place. Different questions were asked by the participants related to various application of Blockchain and its Applications.

Technical Session is Chaired by:

1. **Dr. Rajiv Singh**, Associate Professor, Department of Computer Science, Faculty of Mathematics and Computing, Banasthali Vidyapith.
2. **Dr. Pravin R. Kshirsagar**, Professor, Faculty of Engineering, G.H Raisoni College of Engineering, Nagpur, India.
3. **Dr. Vijendra Singh**, Associate Professor, Faculty of Engineering, Department of Computer Science and Engineering, Manipal University Jaipur, Rajasthan, India.







- 9 Papers were presented in this Track of Technical Session.

WRAP UP AND VALEDICTORY SESSION

In the Valedictory Session key persons, practitioners and chair members shared their experiences of the conference. Ms. Anjana Sangwan, Secretary (ICETCE-2022) presented the summary report of the conference. The certificates was awarded for the best paper and to the coordinators and volunteers by Prof. (Dr.) San Murugesan, Adjunct Professor, Western Sydney University; Director, BRITE Professional Services; Golden Core Member, IEEE, Dr. Pankaj Dadheech (Technical Program Chair), Dr. Mehul Mahrishi (Technical Program Chair), Ms. Sanju Choudhary (Secretary) and Ms. Priyanka (Secretary) ICETCE-2022. Vote of thanks was given by Prof. (Dr.) Anil Chaudhary (Organizing Chair).The conference was a success and served as a source to gain and give knowledge, it also fostered the professional and personal growth of students as they got the opportunity interact with such learn dignitaries.

CONFERENCE OUTCOMES

The next generation of research and development must be faster, enhanced, intelligent, integrated and secured. The conference helped the researchers and technocrats to deepen the understanding of Machine Learning and Applications, Internet of Things (IoT) Applications and Technologies, Big Data Analytics, Security, Privacy and Trust, Big Data Organization, Retrieval and Indexing Using Deep Learning, Machine Learning to Real Time Processing of Microservice Events and many more research areas and upcoming technologies.

Students were also benefited and updated their skills on the latest technologies to understand how next generation computing can contribute to deliver faster and integrated commercial viabilities.

इस दौरान मौजूद मरीजों को फलों का टोकरा भी भेंट की गई।

एसकेआइटी में 5वीं अंतरराष्ट्रीय कॉन्फ्रेंस आयोजित

जयपुर | स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआइटी) में ऑनलाइन प्लेटफार्म पर दो दिवसीय 5वीं अंतरराष्ट्रीय कॉन्फ्रेंस 'इमर्जिंग टेक्नोलॉजी इन कंप्यूटर इंजीनियरिंगः कॉग्निटिव कम्प्यूटिंग एंड इंटेलिजेंट' आईबीएम, इंफोसिस (कैंपस कनैक्ट) और नेचुरल ग्रुप के संयुक्त तत्वावधान में शुरू की गई। कार्यक्रम के मुख्य अतिथि राजस्थान टेकनिकल यूनिवर्सिटी के वाइस चांसलर डॉ. आरए गुप्ता रहे। कॉलेज ऑफ इंजीनियरिंग आयोवा स्टेट यूनिवर्सिटी, अमेरिका के एसोसिएट डीन डॉ. अरुण सोमानी ने कहा कि इस बार इसमें 8 देशों से 229 रिसर्च पेपर प्राप्त हुए एवं 58 को सेलेक्ट किया गया जो स्प्रिंगर सी सी आई एस सीरीज में प्रकाशित किए जाएंगे। कार्यक्रम की गेस्ट ऑफ ऑनर डॉ. मनी मधुकर(प्रोग्राम मैनेजर, ग्लोबल यूनिवर्सिटी प्रोग्राम, आई बी एम) ने कांफ्रेंस की थीम को सटीक बताया। इस मौके पर प्रो. सीएम चौधरी, प्रो. एस.एल. सुराणा, जयपाल मील, डॉ. रमेश पचार, डॉ. अनिल चौधरी, डॉ. मुकेश गुप्ता आदि मौजूद रहे।

एसकेआईटी में दो दिवसीय अंतरराष्ट्रीय कॉन्फ्रेंस शुरू

जयपुर (कासं.)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में ऑनलाइन प्लेटफार्म पर दो दिवसीय 5वीं अंतरराष्ट्रीय कॉन्फ्रेंस 'इमर्जिंग टेक्नोलॉजी इन कंप्यूटर इंजीनियरिंगः कॉग्निटिव कम्प्यूटिंग एंड इंटेलिजेंट IoT (ICETCE 2022)' आईबीएम, इंफोसिस (कैम्पस कनैक्ट) और नेचुरल ग्रुप के संयुक्त तत्वावधान में शुरू की गई। कार्यक्रम के मुख्य अतिथि डॉ आर ए गुप्ता (वाइस चांसलर, राजस्थान टेकनिकल यूनिवर्सिटी) ने एसकेआईटी के सेंटर ऑफ एक्सीलेंस की प्रशंसा करते हुए इसे इनोवेशन हब बताया और क्वालिटी रिसर्च को आज की जरूरत बताया। उन्होंने कहा कि इस तरह की कॉन्फ्रेंस को बार बार ऑर्गेनाइज करना चाहिए। प्रो. एस.एल. सुराणा (डायरेक्टर, एकेडमिक्स), जयपाल मील(डायरेक्टर) एवं डा. रमेश पचार (प्रिंसिपल), आईटी हेड डा. अनिल चौधरी और हेड कंप्यूटर इंजीनियरिंग, डा. मुकेश गुप्ता ने सभी आगुंतको का स्वागत किया। डाक्टर अरुण सोमानी (एसोसिएट डीन, कॉलेज ऑफ इंजीनियरिंग आयोवा स्टेट यूनिवर्सिटी, अमेरिका) ने कांफ्रेंस के महत्व के बारे में बताते हुए कहा कि इस बार इसमें 8 देशों से 229 रिसर्च पेपर प्राप्त हुए एवं 58 को सेलेक्ट किया गया जो स्प्रिंगर सी सी आई एस सीरीज में प्रकाशित किए जायेंगे। कॉलेज के प्रो सीएम चौधरी ने प्रतिभागियों को कांफ्रेंस प्रोग्राम के बारे में जानकारी दी गेस्ट ऑफ ऑनर डाक्टर मनी मधुकर(प्रोग्राम मैनेजर, ग्लोबल यूनिवर्सिटी प्रोग्राम, आई बी एम) ने कांफ्रेंस की थीम को सटीक बताया।

महानगर टाइम्स

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में ऑनलाइन प्लेटफार्म पर दो दिवसीय 5 वीं अंतरराष्ट्रीय कॉन्फ्रेंस ' इमर्जिंग टेक्नोलॉजी इन कंप्यूटर इंजीनियरिंगः कॉग्निटिव कम्प्यूटिंग एंड इंटेलिजेंट' मे की गई कांफ्रेंस समापन शनिवार को हुआ। कांफ्रेंस के दौरान 58 पेपर्स प्रेजेंट 6 कैटेगरी में प्रेजेंट किए गए। इस मौके पर प्रो. सिंग्रेवेल मुर्गेसन ने अपने प्लेनरी टॉक मैं कंप्यूटर हिस्ट्री बताते हुए इसके डेवलपमेंट को रीयल लाइफ से जोड़ते हुए बताया कि कैसे अब यह हर सेक्टर में उपयोग हो रहा है। 6 ट्रेक से अलीमुल, हेमा, सौरभ श्रीवास्तव, गीतिका सिंह , सुनील कुमार, सुखविंदर शर्मा के पेपर को बेस्ट डिक्लेयर किया। अंजना सांगवान ने कांफ्रेंस को समराइज किया और आईटी हेड अनिल चौधरी ने वोट ऑफ थैंक्स प्रस्तुत किया।