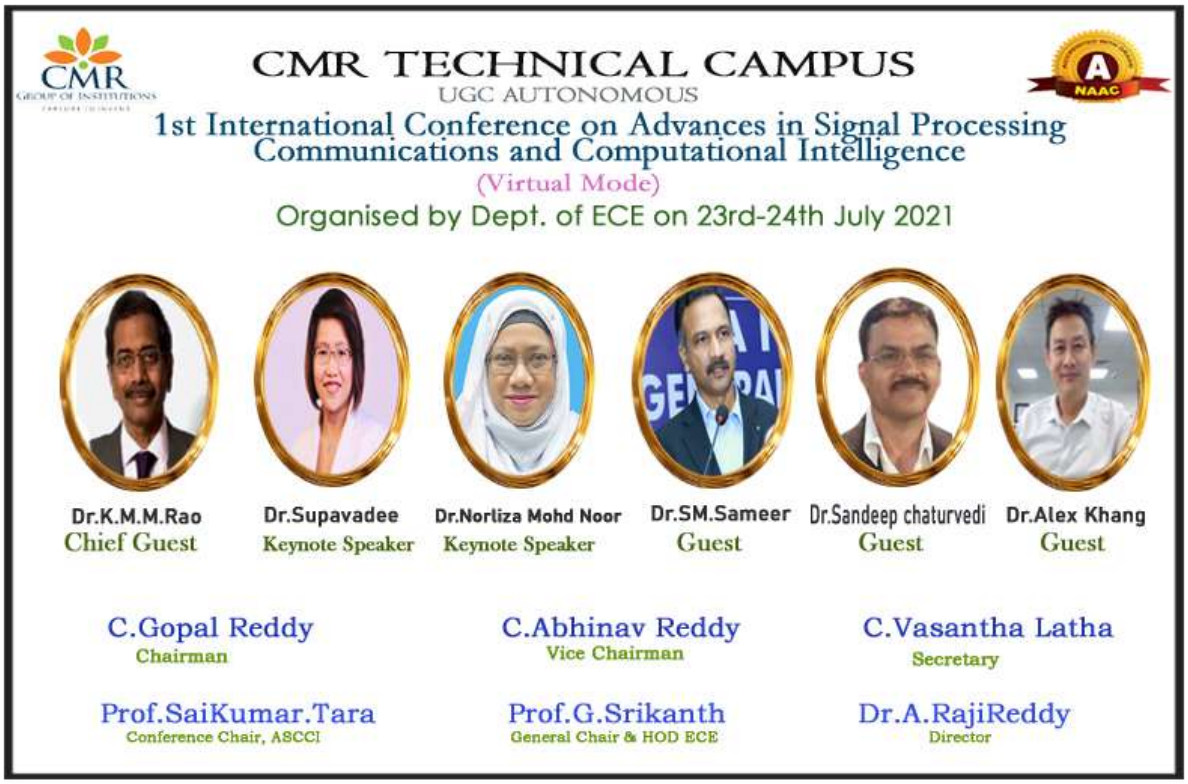
CMR Technical Campus, Hyderabad

1st International Conference on Advances in Signal Processing Communications and Computational Intelligence ASCCI 2021 (Virtual Mode)

Organizing by Department of ECE, CMR Technical Campus, Hyderabad

23rd – 24th July 2021

EVENT REPORT



Preface: 1st International Conference on Advances in Signal Processing Communications and Computational Intelligence

International Conference on Advances in Signal Processing Communications and Computational Intelligence (ASCCI2021) has been successfully conducted on July 23r 2021. The ASCCI 2021 provide forums for accessing to the most up-to-date research in Computer Science, Artificial Intelligence, Signal Processing, Communications and Computational Intelligence with many fields and applications. It was attended by more than 150 participants from India, Indonesia, Ethiopia, Nigeria, Saudi Arabia, and Thailand and was identified as a successfully conducted in the sharing best practice in these fields.

The papers presented in the ASCCI 2021 included in this proceeding has undergone the strict peer review by the experts before they are accepted for publications. We hope this proceeding will contribute in stimulating idea, innovation, and advanced researches among scholars, researchers and academicians.

We would like to thank authors of this proceeding for their valuable contributions, as well as to all reviewers and editors for their constructive comments on polishing all papers. We look forward to meeting you al at future conferences.

Tara Saikumar,

Conference Chair and Editor of, ASCCI 2021

KEYNOTE SPEAKER:

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CMR Technical Campus, Hyderabad

1st International Conference on Advances in Signal Processing Communications and Computational Intelligence ASCCI 2021

(Virtual Mode)

Organizing by Department of ECE, CMR Technical Campus, Hyderabad

Day: 01, 23rd July 2021

Event Schedule

09:30AM – 09:35AM IST	CMR Technical Campus, Virtual Tour
09:35AM – 09:37AM IST	Prayer Song by **Ms. Ch. Hema Naga Vidyadhari**
09:37AM – 09:45AM IST	Classical Dance by **Ms. Harichandhana and Ms. Shivani**
09:45AM – 09:50AM IST	Welcome Address and opening remarks by **Prof. Saikumar Tara,** Conference Chair, ASCCI 2021
09:50AM – 09:55AM IST	Address by **Prof. G Srikanth,** General Chair ASCCI 2021 & Head, ECE, CMR Technical Campus
09:55AM – 10:00AM IST	Address by **Dr. A Raji Reddy**, CMR Technical Campus
10:00AM – 10:05AM IST	Address by **C. Abhinav Reddy,** Vice Chairman CMR Technical Campus
10:05AM – 10:10AM IST	Address by **C. Gopal Reddy,** Chairman CMR Technical Campus
10:10 AM – 10:25AM IST	Address by **Chief Guest by Dr K M M Rao,** Deputy Director (Rtd) , NSRC, ISRO & Presidential and National academy of Science Awardee
10:25AM – 10:30AM IST	Vote of Thanks
10:30AM – 11:30AM IST	Key Note Address by **Prof. Dr Norliza Mohd Noor** , Kula Lumpur, Malaysia title " Classical and Management of Lung Disease"
11:30AM – 01:00PM IST	Track No: 01, Session Chair by **Dr Sameer S M** , Prof. of ECE, National Institute of Technology, Calicut
01:00PM – 02:00 PM IST	Lunch Break
02:00PM – 04:00 PM IST	Track No: 02, Session Chair by **Dr. Sandeep Chaturvedi,** Deputy General Manger- Design , GAETEC, Hyderabad
02:00PM – 04:00 PM IST	Track No: 03, Session Chair by **Dr Kali Charan Rath,** Associate Professor, Dept. of Mech , GIET University, Gunupur, Odisha.
05:00 PM - 07:00 PM IST	Cultural Program from **Akriti Club** of CMR Technical Campus

Zoom Links, Facebook and YouTube links are shared below

Day: 02, 24th July 2021

10:00AM – 11:00AM IST	Key Note Address By **Associate Prof. Dr Supavadee Aramvith,** Chulalongkorn University, Thailand title "AI based Video Analytics"
11:00AM – 01:00PM IST	Track No: 01, Session Chair by **Dr Alex Khang** Prof. of IT, Vietnam
11:00PM – 01:00 PM IST	Track No: 02, Session Chair by **Dr. S Balakrishnan ,** Prof & Head, CS&BS, SKCET, Coimbatore, TN
01:00PM – 1:30 PM IST	Lunch Break
01:30PM – 03:00PM IST	Track No: 03, Session Chair by **Dr N Subash** Associate Professor, Dept. of ECE, MRCET, Hyderabad
03:00PM – 04:00PM IST	Valedictory Function and Group Photo

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Zoom Link for Day:1

Inaugural Ceremony of ASCCI Conference - ECE Department 2021,
Time: Jul 23, 2021 09:15 AM India
Join Zoom Meeting
https://us02web.zoom.us/j/84212003065?pwd=K0xMdUtmZXVXMXc1MUpTcVRnYk5QZz09
Meeting ID: 842 1200 3065
Passcode: 253553

Zoom Link for Cultural Program Day: 1

Topic: Cultural Activities of ASCCI Conference - ECE Department 2021
Time: Jul 23, 2021 04:30 PM India
Join Zoom Meeting
https://us02web.zoom.us/j/85010856955?pwd=VGl4VW5hd3h6dVpRM2ZjVEVFaWs5QT09
Meeting ID: 850 1085 6955
Passcode: 674963

Live streams on

https://www.facebook.com/CMRTECHNICALCAMPUS/

https://www.youtube.com/c/CMRTechnicalCampus

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International Conference on Advances in Signal Processing Communications and Computational Intelligence (ASCCI)

CMR Technical Campus (Autonomous)

Department of Electronics and Communication Engineering

www.ascci.in

International Conference on Advances in Signal Processing Communications and Computational Intelligence (ASCCI 2021) (Virtual Conference)

Date: 23-24 July 2021
Venue: CMR Technical Campus, Hyderabad.
Chief Patron:
C. Gopal Reddy, Chairman
C.Vasanthalatha, Secretary
Patron:
Dr. A Raji Reddy, Director,
Dr M A Baig, Dean (Academics)
General Chair: Prof G Srikanth, HOD,ECE
Conference Chair: Prof Saikumar Tara
International Advisory Members:
Prof Siliva L Ullo University of Sannio Italy
Dr G R Sinha, Professor, MIIT, Myanmar
Prof C P fan, National Chung Hsing University Taiwan
Prof Thuzan Khin University of Computer studies Lashio Myanmar
Dr. Ceclia Shanaz, Chair, IEEE Bangladesh, Prof BUET.
Dr. N C Shiva Prakash, Professor, IISC Bangalore

National Advisory Board
Dr. Anil Kumar V, Associate Professor, IIITH
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Dr M S R Murty, Retd. General Manger, BHEL
Organizing Committee:
All ECE Department Faculty's
REGISTRATION FEE:
STUDENT - 8000/-
FACULTY/Research Scholar: 9500/-
Industry : 10500/-
Last Date: 27th April 2021
Contact mail id:
ascci.ece@cmrtc.ac.in
tarasaikumar.ece@cmrtc.ac.in

ASCCI '21-International Conference on Advances in Signal Processing Communications and Computational Intelligence is organised by Department of ECE, CMR Technical Campus, and Hyderabad on 23rd -24th July 2021. It aims to provide an expansive inclusion and sharing of current primary research in Signal Processing, Communication Technologies and Computational Intelligence among scientists, scholars, and specialists, from academia and industry. The theme of ASCCI '21 is to identify the recent advances in Signal Processing, Communication Technologies and Computational Intelligence. The conference further intends to publish unique, critical, and visionary papers in this field portraying recent scientific techniques and innovations.

Call for Paper:
We invite all original unpublished research articles based on the theme but not limited to.

- Signal Processing
- Artificial Intelligence
- Fuzzy logic
- Rough Sets
- Signal, Image Processing and Communications
- AI for 5G Technologies
- Video Surveillance and Analytics
- Search heuristics
- Robotics and Control
- Machine Learning
- Planning and scheduling tasks
- Evolutionary Computation
- Neural networks
- Natural Language processing
- Deep Learning
- Video Processing
- Distributed Intelligent Information Systems
- Knowledge Management and Representation
- Machine Learning

Important Dates:
Submission Date: 27th April 2021
Acceptance Date: 04th May 2021
Camera Ready Paper: 30th May 2021

Publication Partner: AIP (American Institute of Physics) indexed in Scopus and WOS.
Submission of paper should be mail to ascci.ece@cmrtc.ac.in

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First International Conference on Advances in Signal Processing, Communications and Computational Intelligence

(ASCCI-2021)

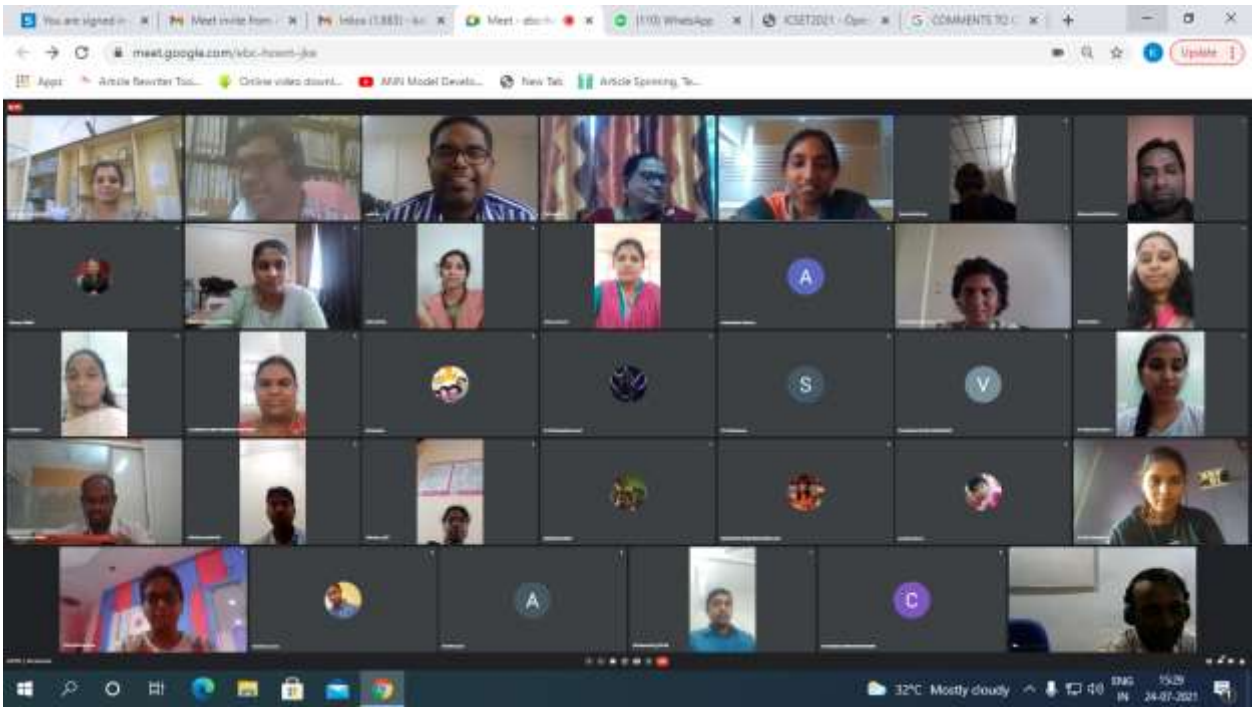
Organized by Dept. of ECE

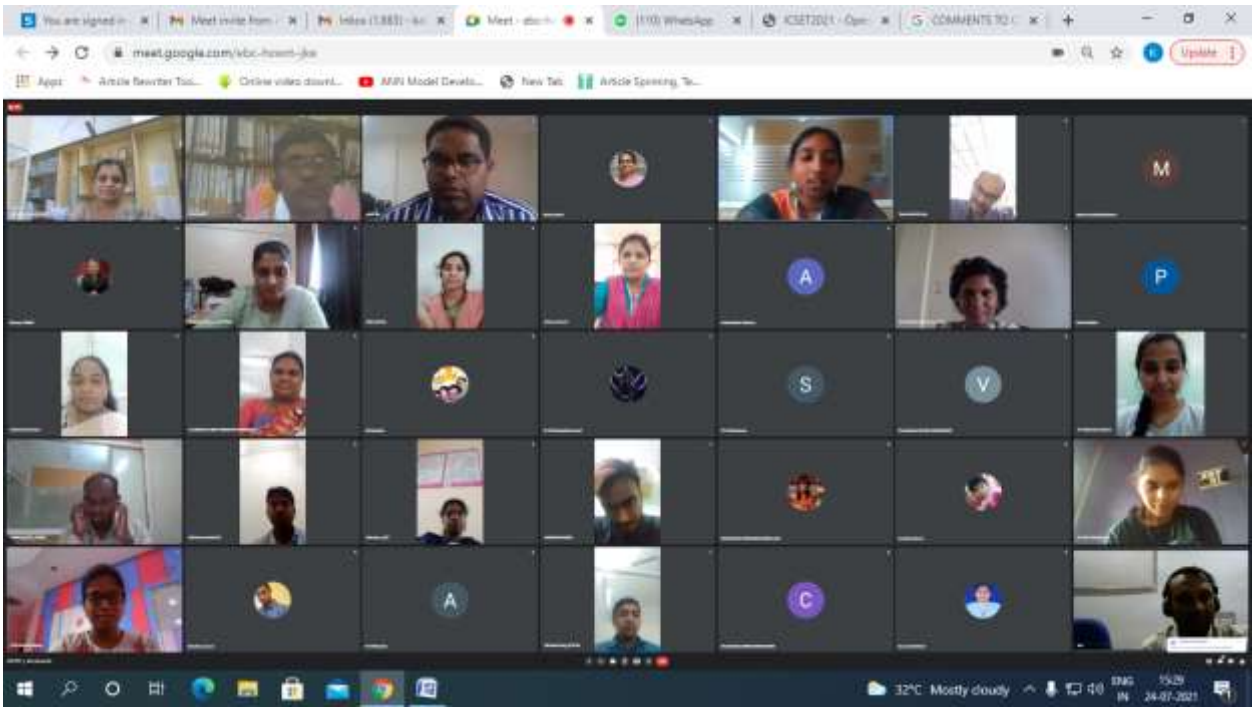
(23rd -24th July 2021)

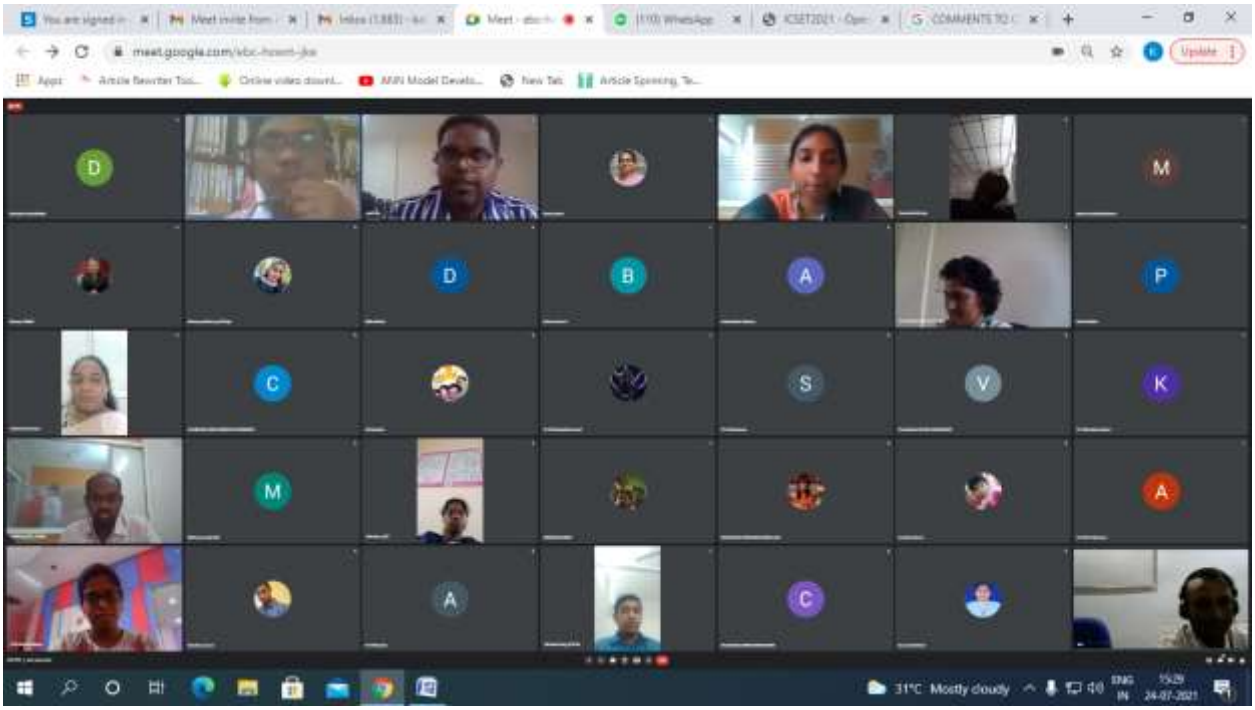
Session schedule

Paper ID	Date	Session Chair	Timing	Google meet link
18,14,22,26,36,47,122,125, 133,154, 151,105,155	23rd July 2021	Dr S M Sameer	11.30 AM TO 1.00 PM	https://meet.google.com/qpv-paku-vqp
21,23,27,28,109,113,115, 130,152,153,131,101	23rd July 2021	Dr. Sandeep Chaturvedi	2.00 PM TO 04:00 PM	**https://meet.google.com/zvm-ixbx-dqb**
126,127,128,123,09,16,17,3 5,65,79, 82,87,66,105,15	23rd July 2021	Dr Kali Charan Rath	2.00 PM TO 04:00 PM	**https://meet.google.com/cxc-ckir-wgs**
41,42,43,44,45,50,52,53,55, 56,77,86	24th July 2021	Dr Alex Khang	11:00AM to 01:00PM	https://meet.google.com/ryi-rpnd-mzf
150,129,124,31,32,19,10,11, 12,13,68,73	24th July 2021	Dr S Balakrishnan	11.00 AM TO 01.00 PM	https://meet.google.com/dmo-mgum-mot
48,57,59,60,61,62,63,64,75, 83,84,88,96,97,100,102,107, 118	24th July 2021	Dr Sumanth Mishra	01:30 PM to 03:00PM	**https://meet.google.com/ejk-hqge-rsz**

Conference Photos:







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Narasimha Mu...
A.Vamshidhar R...
Dr. Chilakala S...
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REC
Md Abdul Naqi_ECE Md
A.Vamshidhar Reddy A
Dr.Sudha Arvind SUDHA
Mohammed Khalid Kaleem
Dr.Parvathi M
Director CMRTC
17-409 Harshith Bommidi
10 others
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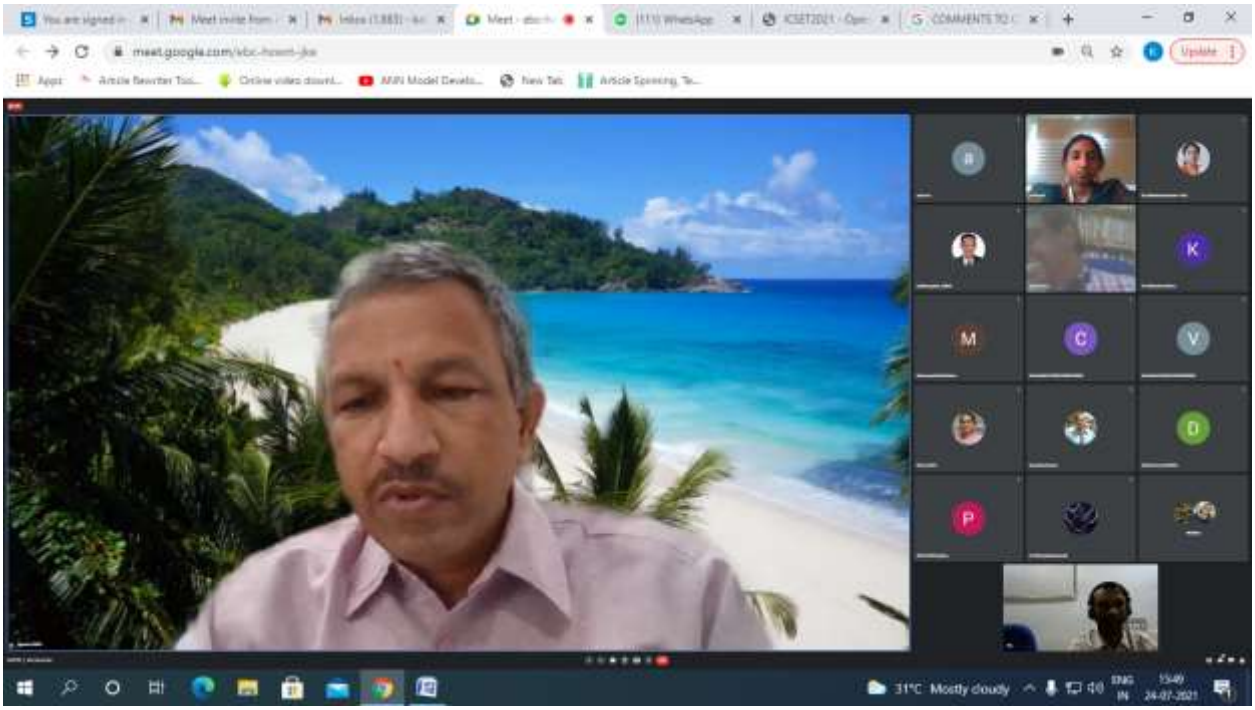

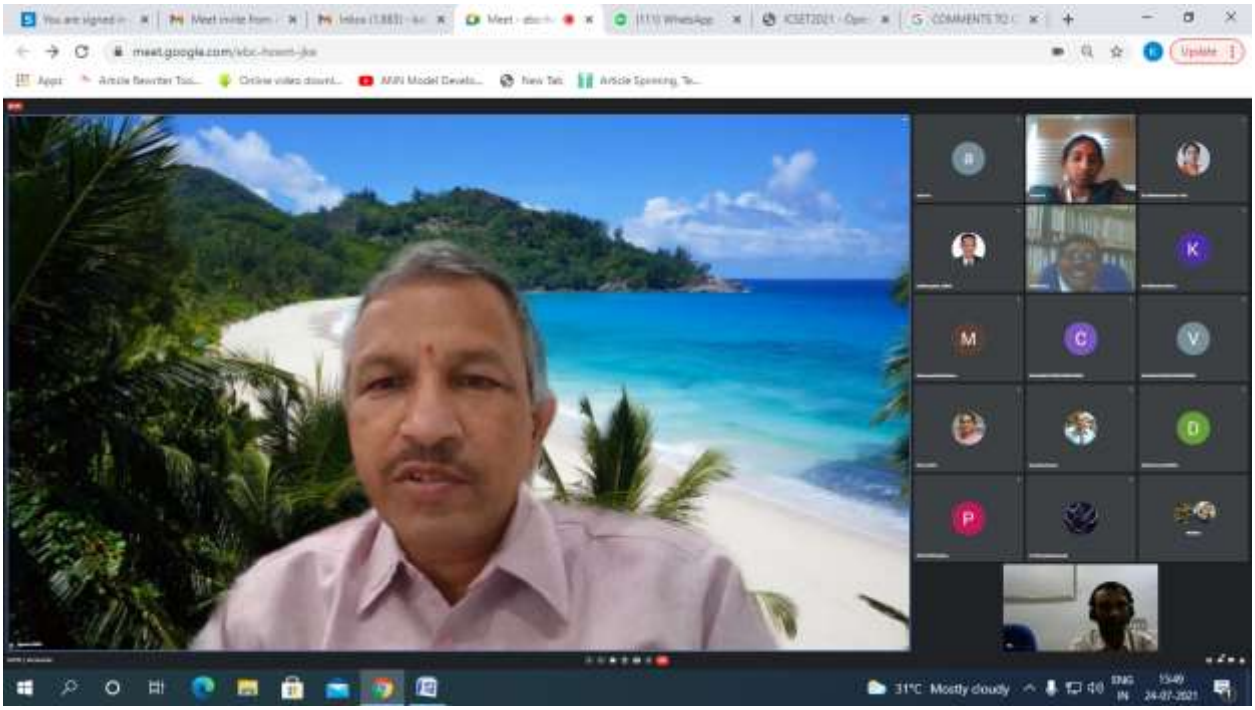

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V.Aswini V
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Dr.Sudha Arvind Sli...
Dr.Parvathi M
Director CMRTC
20 others

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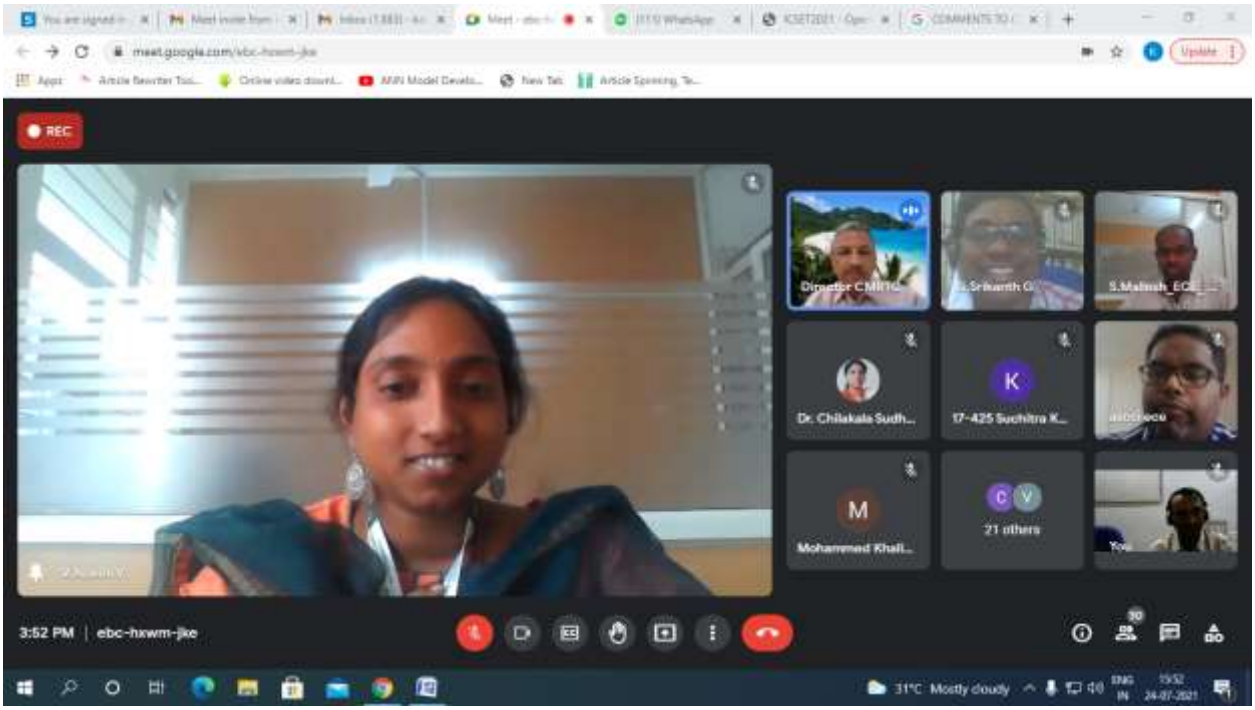
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In-call messages
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Md Abdul Naqi_ECE Md
Dr.Sudha Arvind SUDHA
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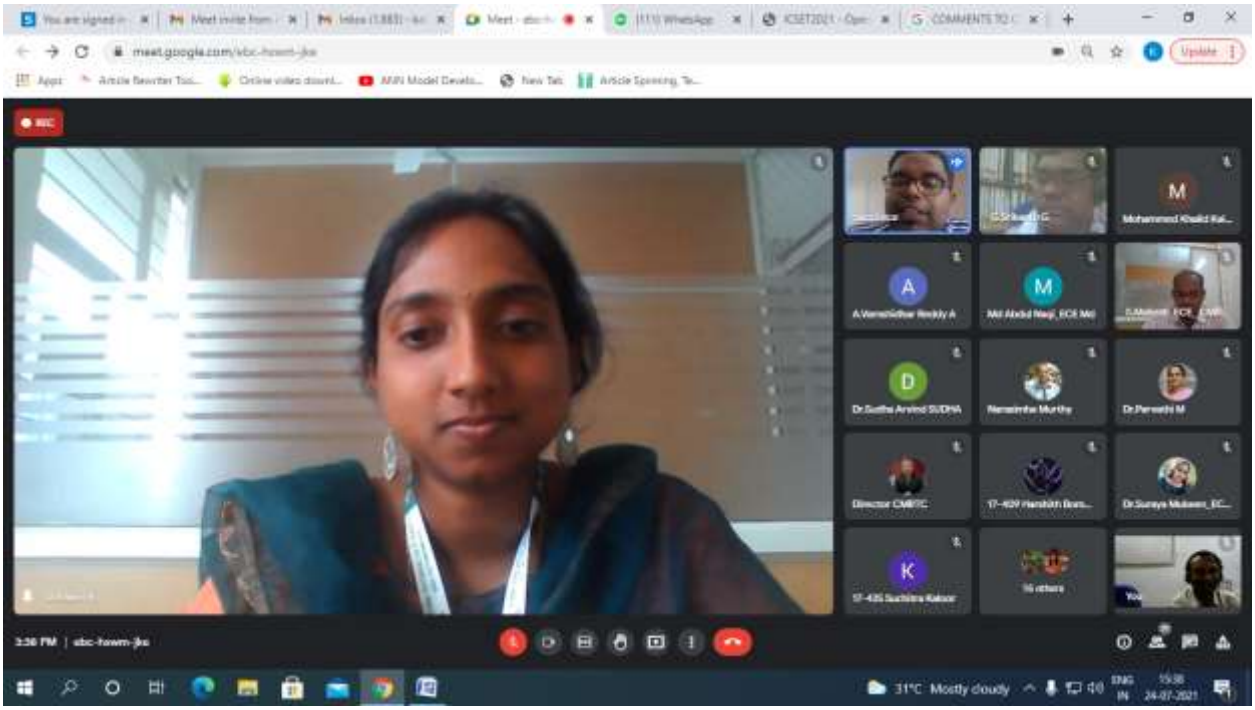
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Dr.Parvathi M
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Dr.Suraya Mukeem_EC...
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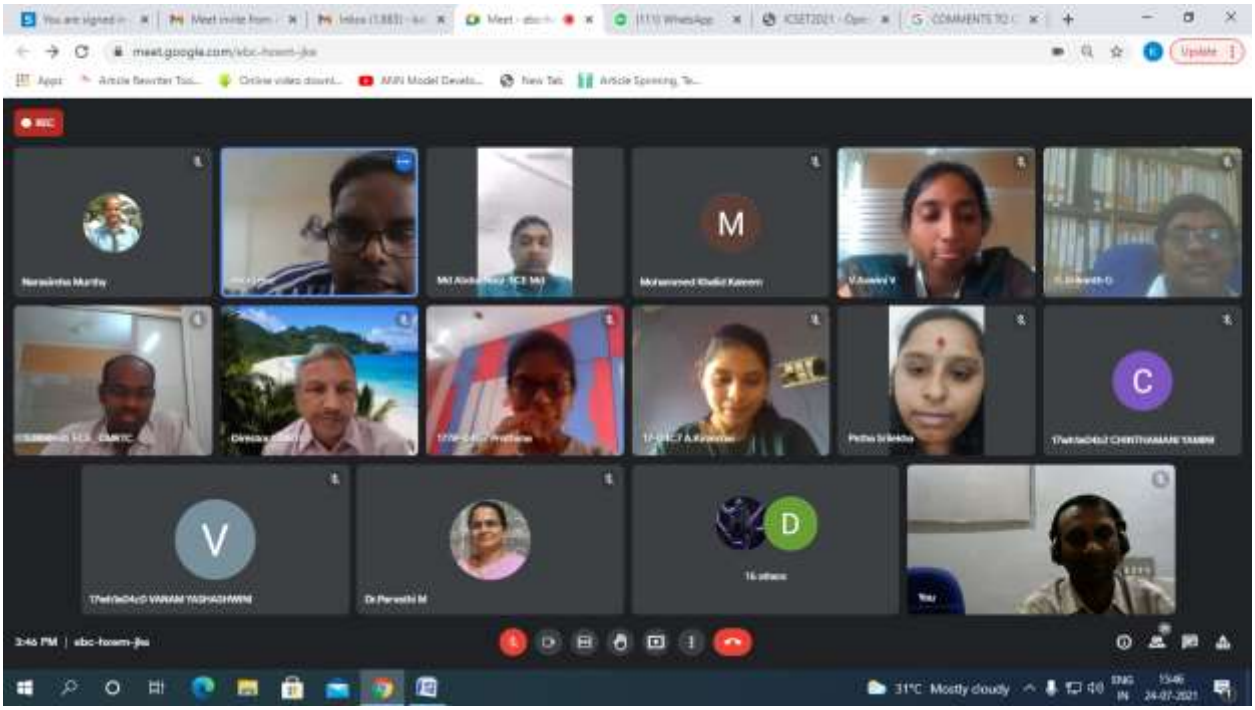
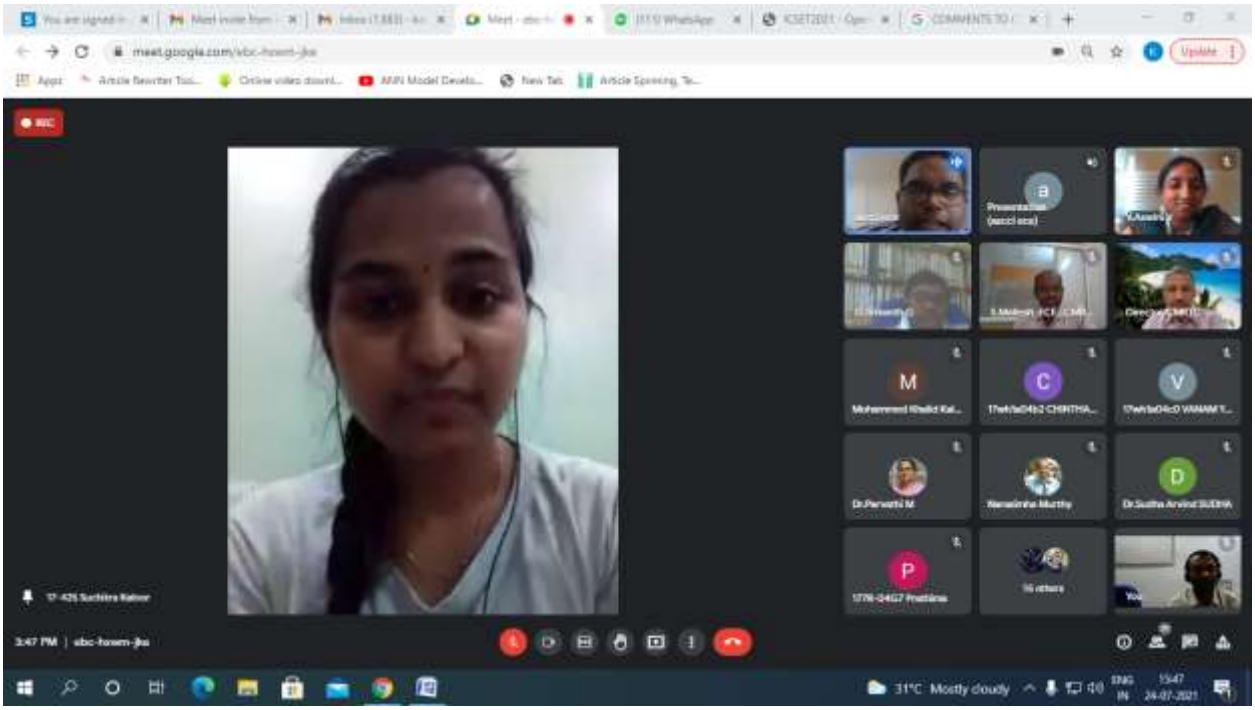
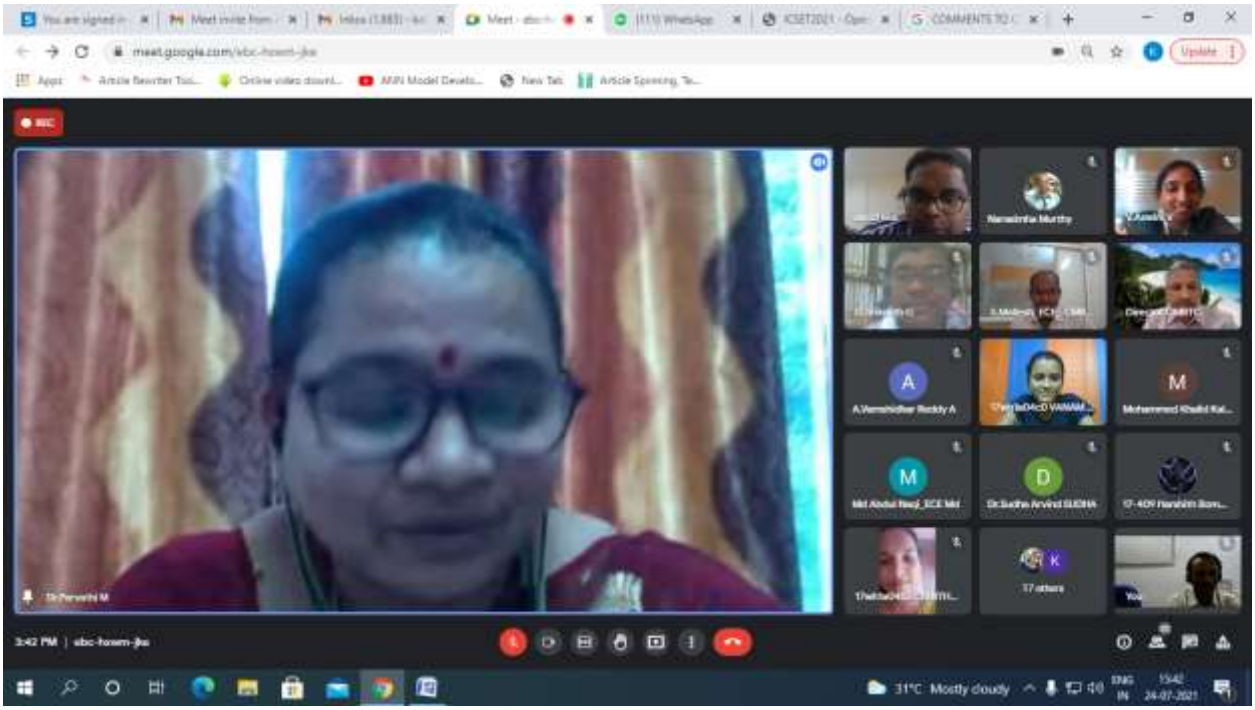
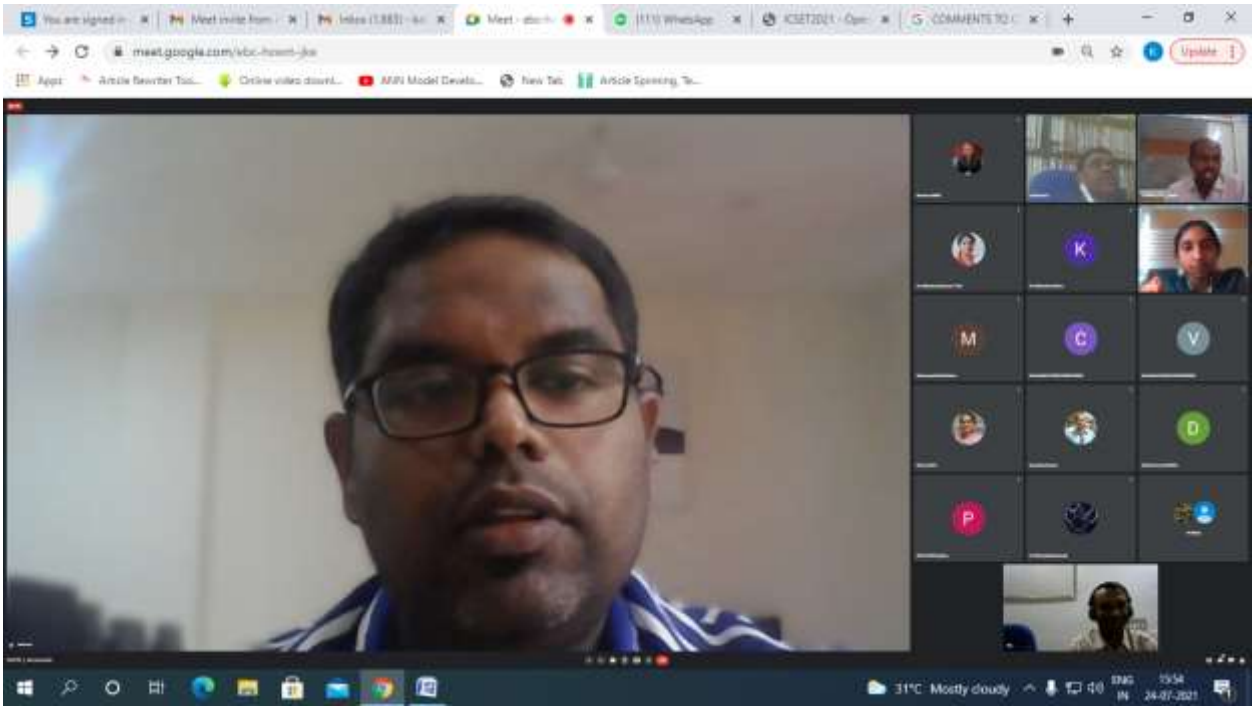
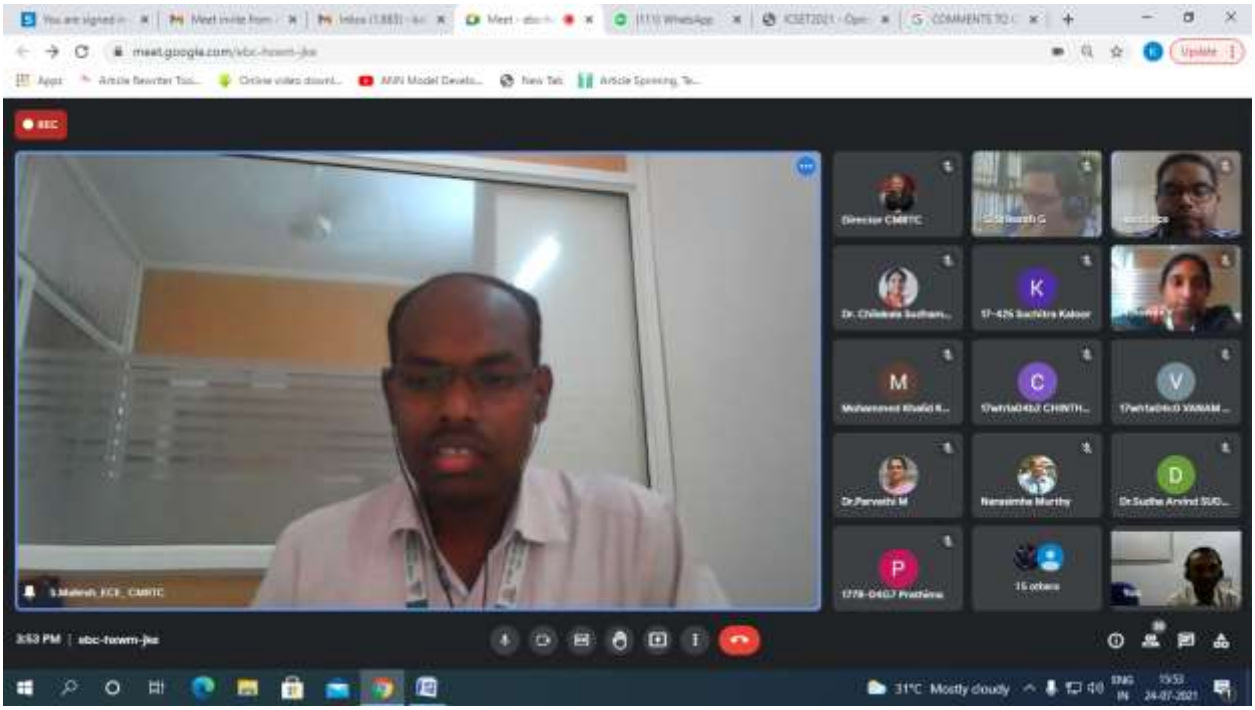
People

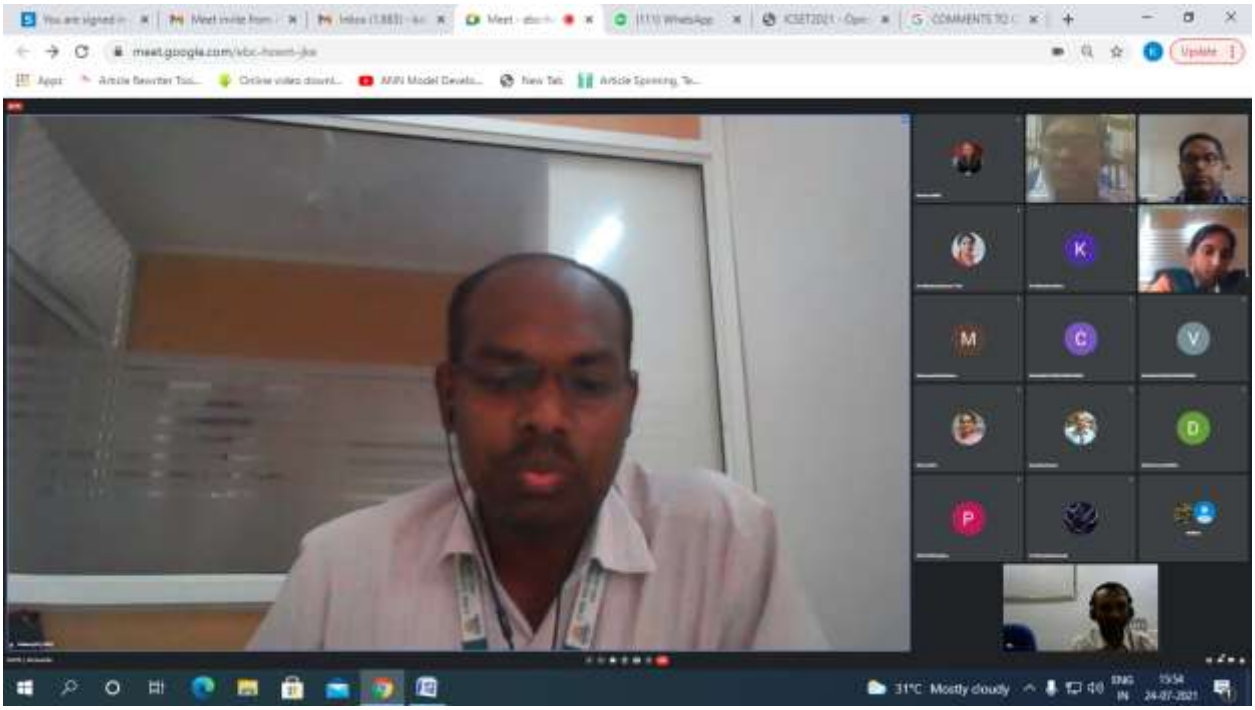












(Vote of thanks)

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CMR GROUP OF INSTITUTIONS

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1st International Conference on Advances in Signal Processing Communications and Computational Intelligence

Certificate of Appreciation

This certificate is awarded to Dr/Prof/Mr/Ms. Yarlagadda Padma Sai, Professor, Head ECE & Dean Student Progression , VNR Vignana Jyothi Institute of Engineering and Technology ,Hyderabad for being an active reviewer for **First Virtual International Conference on Advances in Signal Processing Communications and Computational Intelligence** with Publication partner as American Institute of Physics (AIP) organized by Dept. of ECE, CMR Technical Campus, Hyderabad from 23rd -24th July 2021.

Prof. Saikumar Tara
Conference Chair, ASCCI

Prof G Srikanth
General Chair ASCCI & HoD ECE

Prof. Dr. A Raji Reddy
Director