

2nd National Conference

On

Research Trends in Information
& Communication Technology

7th August, 2020

NCRTICT – 2020

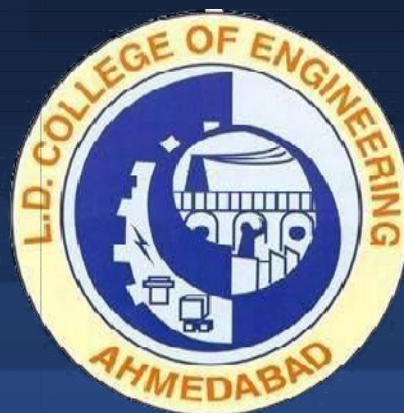
Organized By

Information Technology

Department

L.D. College of Engineering,

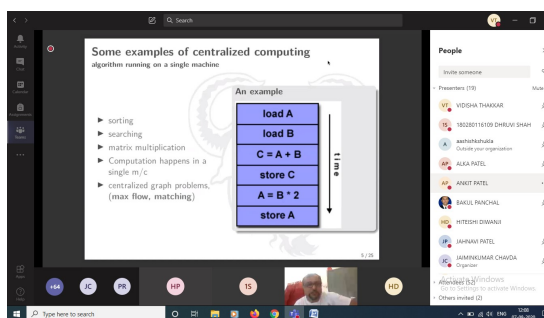
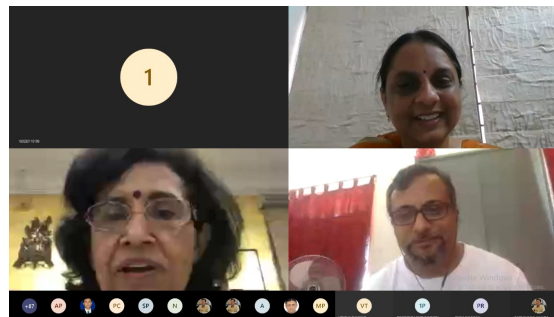
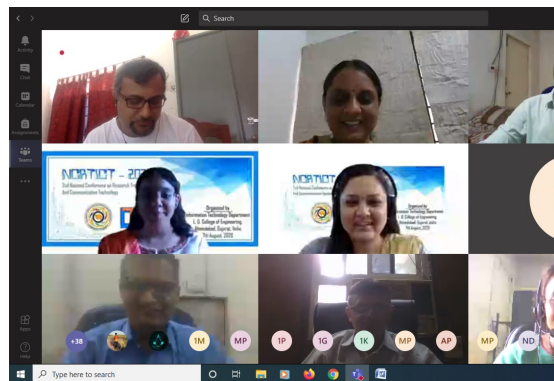
Ahmedabad



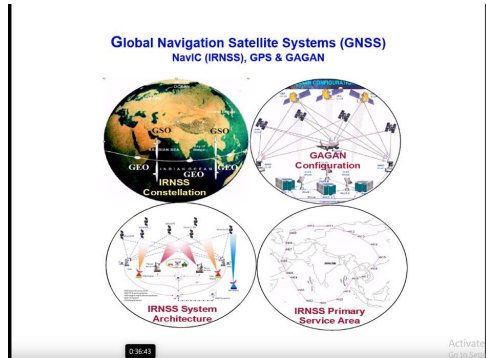


The 2nd National Conference on Research Trends in Information & Communication Technology – NCR TICT-2020 was organized by Information Technology Department of L.D. College of Engineering on 7th August, 2020.

The conference, conducted on online platform named MSTeam, was a medium to provide platform to research scholars, academicians, industry persons to present their innovative idea, work and exchange views with experts. The conference spanned on a large scope, includes, security, cloud computing, grid Computing, IOT, digital image processing, data ware-housing, data mining, big data, software engineering, mobile computing, neural network, and machine learning.



Nearly a hundred of student attendees, paper presenters and faculty members have benefited in many ways from this conference. 16 papers were presented by authors on various topics. Two invited, keynote speakers from



prestigious places like ISRO and IIT Guwahati addressed the audience and shared knowledge and their rich experience in the field of their expertise.

INAUGURAL

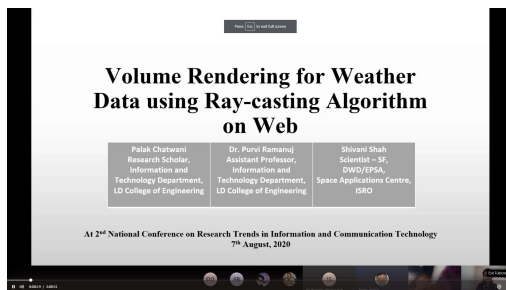
The conference started with an inaugural function, which was attended by the Principal, L.D.College of Engineering, Dr. Rajul K.Gajjar, The head of the Information Technology department, L.D.College of Engineering, Dr.(Prof.) H.M.Diwanji, Dr.Ashish Shukla, Scientist -G, from SAC,ISRO , Dr.Sushan Karmakar , IIT Guwahati, faculty members from L.D. College of Engineering, Paper presenters and student attendees. The conference started with seeking blessings of God with a prayer. The head of the Information Technology department, L.D.College of Engineering, Dr.(Prof.) H.M.Diwanji welcomed everyone with her speech. The conference coordinator Dr. Purvi Ramanuj talked about the efforts and the outcomes of the conference. The Principal of L.D. College of Engineering, Dr.Rajul K. Gajjar, motivated everyone with her encouraging words. Dr.Ashish Shukla, Scientist -G, from SAC,ISRO and Dr.Sushan Karmakar , IIT Guwahati, delivered expert talks on “Research Trends in ICT and Role of GNSS” and “Distributed algorithm for some structural problems in graph and their applications”. The inaugural function ended with conference coordinator Prof.J.T.Patel’s vote of thanks. The conference was run in three parallel sessions for paper presentations.

SESSION I

The first session of the conference was managed by the session coordinator Prof. Jaimin Chavda and co-chaired by the session judges Dr. Ashish Shukla, Scientist -G, from SAC,ISRO and Dr. Mehul C. Parikh from L.D. College of Engineering.

All four (04) participants, have participated in this conference with a remarkable work in their research papers.

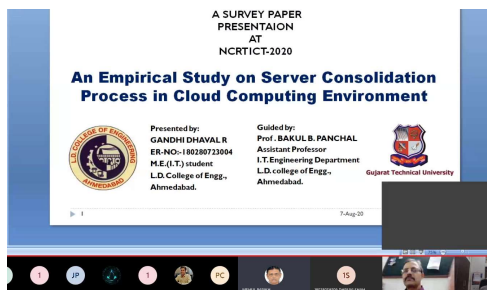
WORK PRESENTED



Presenter Name :Palak Chatwani

Paper Title:

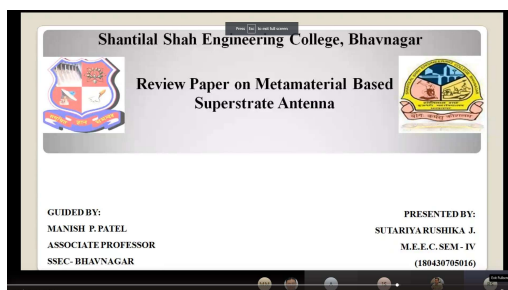
Volume rendering for weather data using Ray-casting algorithm on web



Presenter Name : Dhaval R. Gandhi

Paper Title:

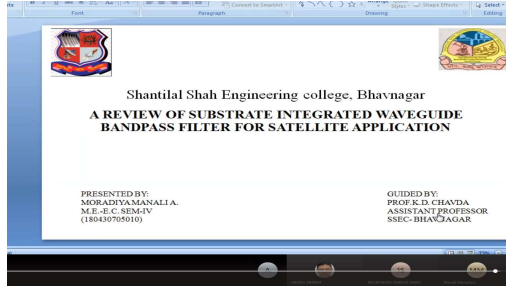
An Empirical Study on Server Consolidation Process in Cloud Computing Environment



Presenter Name : Rushika J Sutariya

Paper Title:

Review Paper on Metamaterial Based Superstrate Antenna



Presenter Name : Moradiya
Manaliben Ashwinbhai

Paper Title:

*A Review Of: Substrate
Integrated Waveguide Band-
Pass Filter For Satellite
Application*

At the end of the session, author Palak Chatwani's "*Volume rendering for weather data using Ray-casting algorithm on web*" paper was chosen as the best paper by the judges of the session.

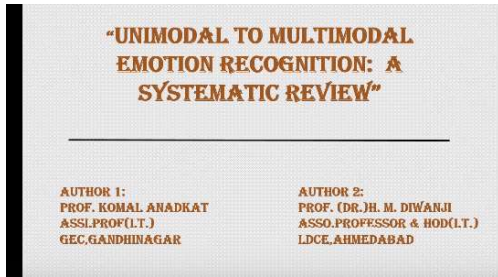
The session was concluded by Prof. Jaimin Chavda presenting his gratitude on behalf of the organizing committee of Information Technology Department , L.D. College of Engineering to all the experts , authors and all the participants for coming all together and making the conference to be a knowledgeable, remarkable and memorable event.

SESSION II

The second session of the conference was managed by the session coordinator Prof. Vidisha Thakkar and co-chaired by the session judges Dr.Sushant Karmakar from IIT, Guwahati and Dr. Bakul Panchal from L.D. College of Engineering.

All six(06) participants, have participated in this conference with a remarkable work in their research papers.

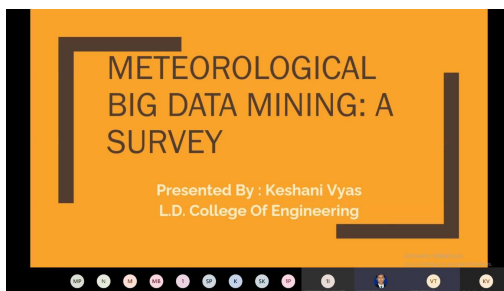
WORK PRESENTED



Presenter Name : Komal Anadkat

Paper Title:

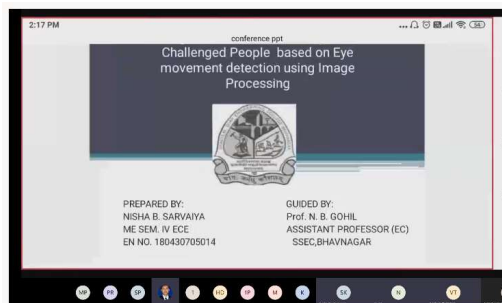
Unimodal to Multimodal Emotion Recognition: A systematic Review



Presenter Name : Keshani Vyas

Paper Title:

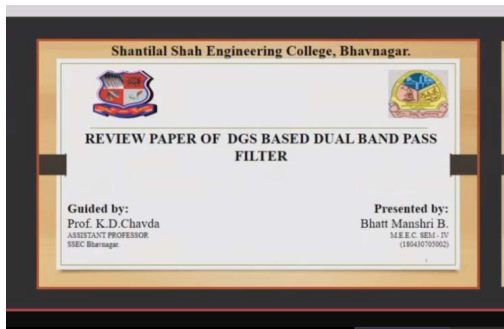
Meteorological Big Data mining: A survey



Presenter Name : Nisha Sarvaiya

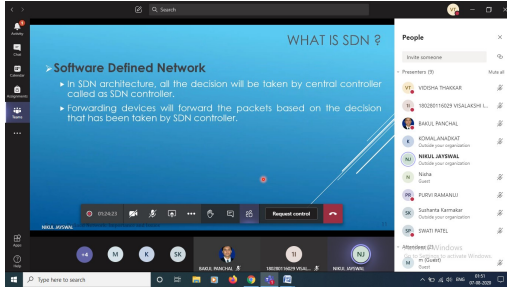
Paper Title:

Design and Implementation of wheelchair for physically challenged people based on Eye movement detection using Image Processing



Presenter Name : Manshriben Bhatt

Paper Title:
Review Paper Of DGS based Band Pass Filter



Presenter Name : Nikul Jayswal

Paper Title:

*Software-Defined Network:
Importance and Issues*



Presenter Name : Maulikaben Pethani

Paper Title:

*Review and Comparison of an
Intelligent Fire Evacuation System
for Enhanced Security and Safety
in Multi Storey Building Using
Fuzzy Logic*

At the end of the session, author Nisha Sarvaiya's "*Design and Implementation of wheelchair for physically challenged people based on Eye movement detection using Image Processing*" paper was chosen as the best paper by the judges of the session.

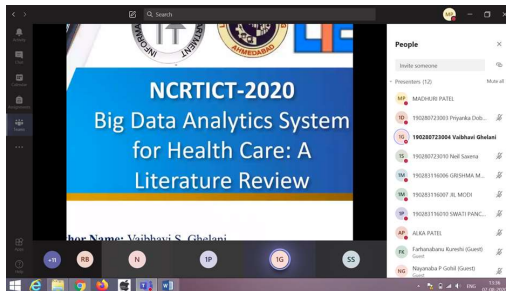
The session was concluded by Prof. Vidisha Takkar presenting her gratitude on behalf of the organizing committee of Information Technology Department , L.D. College of Engineering to all the experts , authors and all the participants for coming all together and making the conference to be a knowledgeable, remarkable and memorable event.

SESSION III

The third session of the conference was managed by the session coordinator Prof. Madhuri Patel and co-chaired by the session judges judge Dr. N. M. Patel from BVM College of Engineering and Prof. Shital Solanki from L.D. College of Engineering.

All six(06) participants, have participated in this conference with a remarkable work in their research papers.

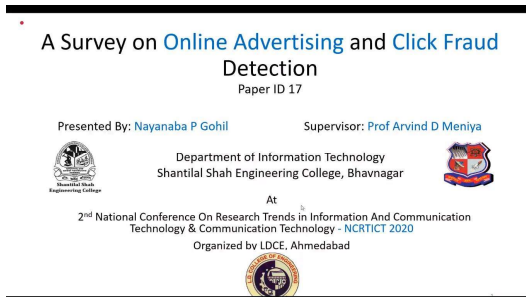
WORK PRESENTED



Presenter Name : Vaibhavi S. Ghelani

Paper Title:

Big Data Analytics System for Health Care: A Literature Review



Presenter Name : Nayanaba Gohil
Paper Title:

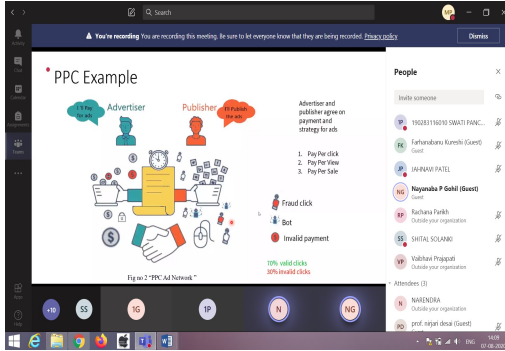
A Survey on Online Advertising and Click fraud



Presenter Name : Rachana Bharat Parikh

Paper Title:

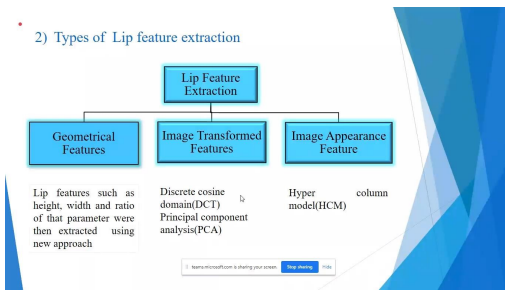
Gujarati Speech Recognition - A Review



Presenter Name : Riddhi Bhatt

Paper Title:

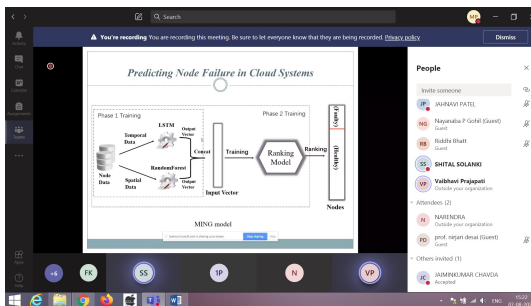
Design and implementation of a real time anti-spoofing mechanism for security and reliability based on image processing using opencv



Presenter Name : Farhanabanu Hanifbhai

Paper Title:

Lip movement recognition and speech conversion using image processing for impaired people in gujarati language



Presenter Name : Vaibhavi Prajapati

Paper Title:

A Survey on Cloud Systems Failure Prediction

At the end of the session, author Rachana Bharat Parikh's "Gujarati Speech Recognition - A Review" paper was chosen as the best paper by the judges of the session.

The session was concluded by Prof. Madhuri Patel presenting her gratitude on behalf of the organizing committee of Information Technology Department , L.D. College of Engineering to all the experts , authors and all the participants for coming all together and making the conference to be a knowledgeable, remarkable and memorable event.