



Department of Computer Science & Information Technology,
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR, C.G.

ONLINE WEBINAR

Prof. L.A. ZADEH memorial webinar



Prof. Ram Bilas Pachori
Dept. of Electrical
Engg. IIT Indore



Prof. Amit Kumar Mishra
Dept. of Electrical
Engg. University of
Capetown South
Africa



Dr. Tapan Ku. Gandhi
Associate
Professor Dept. of
Electrical Engg. IIT
Delhi



Mr. Mukul Tiwari
Product R&D Engineer
Corence, Bangalore



Dr. Manjari Gupta
Associate Professor
Computer Science
DST-CIMS BHU
Varanasi, India



Dr. Lalit Kumar Singh
Scientist,
NPCIL-BARC,
Dept. of Atomic
Energy, Govt of India



Prof. Ram Bilas Pachori,
Mr. Mukul Tiwari,
Dr. Tapan Ku. Gandhi,
Dr. Lalit Kumar Singh,
Dr. Manjari Gupta,
Prof. Amit Kumar Mishra,

Wednesday, Oct. 20th | 11:00 AM
Thursday, Oct. 21th | 12:30PM
Saturday, Oct. 23th | 11:00 AM
Sunday, Oct. 24th | 11:00AM
Sunday, Oct. 24th | 12:30PM
Thursday, Oct. 28th | 12:00PM

REGISTER NOW FOR FREE!

Organizing Committee Members :

Prof. A. K. Saxena, HOD, CSIT

Group -I

1. Dr. Amit Kumar Chandanan
2. Dr. Babita Majhi
3. Mr. Vivek Kumar Sarathe
4. Mr. Abhishek Patel

Group -II

1. Dr. Pushpalata Pujari
2. Dr. Rajwant Sing Rao
3. Dr. Akhilesh Ku. Shrivias

Brief Report on

Prof. L. A. Zadeh Memorial Lecture Series (Online Mode)

Date: 20th October – 28th October 2021

Day 1 Session:

The first day session of the Prof. L. A. Zadeh Memorial Lecture Series was started on 20th October with the Lecture of Prof. Ram Bilas Pachori, Electrical Engineering Dept., IIT Indore. The title of the talk was “AI-based computer aided medical diagnosis of brain diseases”. The welcome of participants was followed by the addresses of Prof. A. S. Ranadive, Dean of the School, Mathematical and Computational Sciences and Prof. A. K. Saxena, Head of the department, CSIT. The faculty members, PhD scholars and MCA 5th semester students (about 60) attended the event in online mode. The session was concluded with vote of thanks.



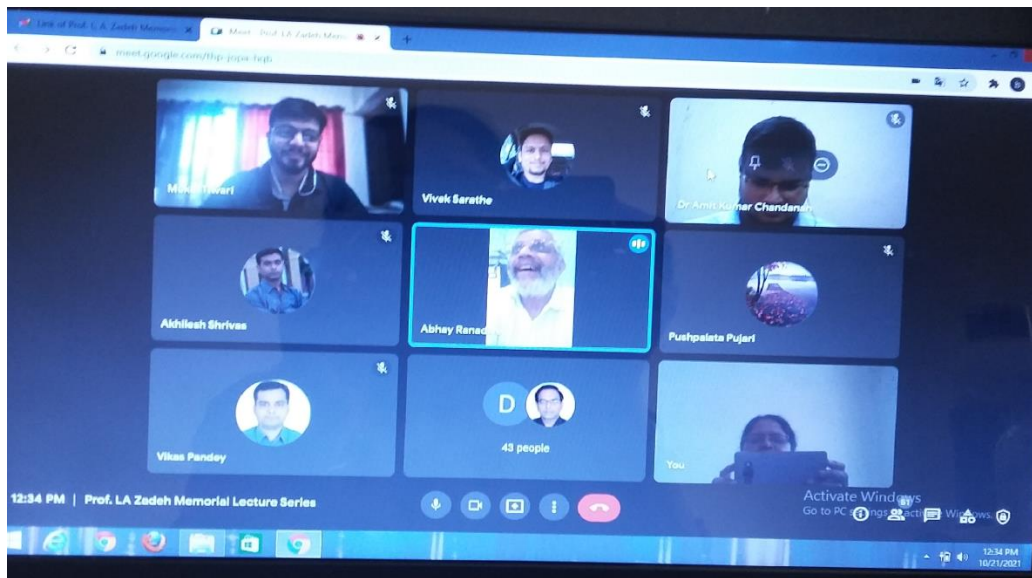
A screenshot of a presentation slide titled "Proposed Area Feature and Modified Central Tendency Measure (CTM)". The slide content includes:

- If N be the total number of points and r is the radius of the central area. Then modified CTM is given by,
$$CTM = \frac{\sum_{i=1}^N \delta(d_i)}{N} \quad (3)$$
- $$\delta(d_i) = \begin{cases} 1 & \text{if } ([\Re\{z[n]\}]^2 + [\Im\{z[n]\}]^2)^{0.5} < r \\ 0 & \text{otherwise} \end{cases}$$
- The radius (r_{CTM}) corresponding to 95% CTM has been used to compute the area of analytic IMF. The area (A) is computed by using the following equation:
$$A = \pi r_{CTM}^2$$
- For radius (r_{CTM}), the CTM provides the 95% point: "....."

The slide is displayed in a browser window. The Zoom meeting interface is visible on the right side of the screen, showing participants: Ram Bilas Pachori, Amit Saxena, Abhay Ranadive, Sachin Singh Rajput, Jaya Kashyap..., and Malhotra Rajak... There are also icons for "Managed by M...", "37 people", and "You".

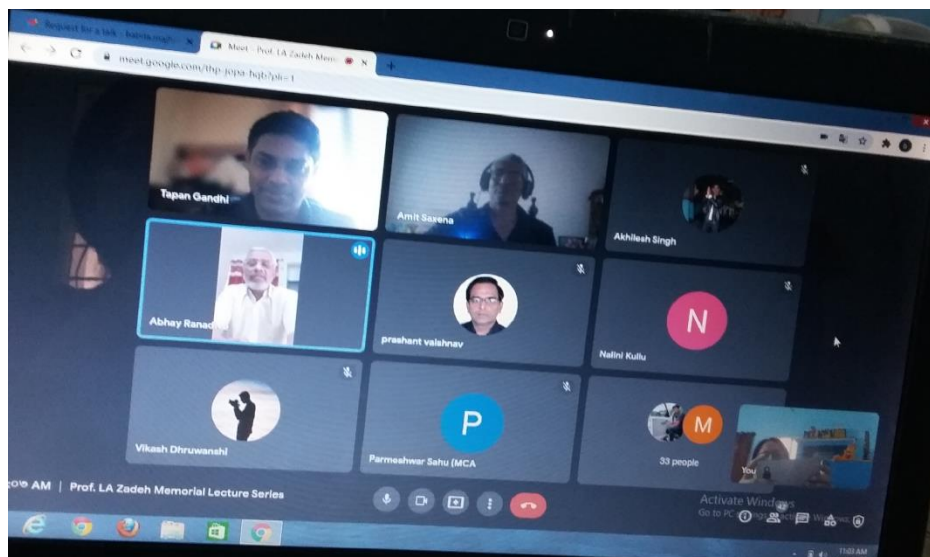
Day 2 session:

The second day (21/10/2021) session's speaker was Er. Mukul Tiwari, Product R&D Engineer, Corence, Bangalore. The welcome of participants was followed by the address of Prof. A. S. Ranadive, Dean of the School, Mathematical and Computational Sciences. The faculty members, MCA 5th and 3rd semesters students (around 56) attended the event in online mode. The speaker mainly focused on the Career opportunities in industry in AI. The session was concluded with vote of thanks.



Day 3 Session :

The third day session was held on 23rd Oct. 2021 and the speaker was Dr. Tapan Kumar Gandhi of Associate Professor, Electrical Engg., IIT Delhi. The title of the talk was "Path to cutting edge research: challenges and opportunities". The welcome of participants was followed by the addresses of Prof. A. S. Ranadive, Dean of the School, Mathematical and Computational Sciences and Prof. A. K. Saxena, Head of the department, CSIT. The faculty members, PhD scholars, MCA 5th and 3rd semesters students (around 59) attended the event in online mode. The session was concluded with vote of thanks.



Day 5 session:

The speaker of the fifth day (28/10/2021) of the session was Prof. Amit Kumar Mishra, University of Cape town, South Africa. The title of the talk was "Bio-inspired methods for sensing and instrumentation". The welcome of participants was followed by the addresses of Prof. A. S. Ranadive, Dean of the School, Mathematical and Computational Sciences and Prof. A. K. Saxena, Head of the department, CSIT. The speaker spoke on application specific instrumentation, bio-inspired sensing system innovated by him known as communication based sensing. Finally discussed the brain inspired AI architectures proposed by him. The faculty members, PhD scholars, MCA 5th & 3rd semesters and MSc 3rd semester students (around 45) attended the event in online mode. The session was concluded with vote of thanks.

