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UGC Status: Letter No. F.8-29/2017(CPP-I/PU), Dated 20 Dec. 2017. Enlisted by the University Grants Commission, New Delhi, in the list of Private Universities in India.
A Private University enacted by Govt. of Karnataka as "Sharnbasva University Act. 2012" Karnataka Act No. 17 of 2013. Notification No. ED 144 URC 2016 dated 29/07/2017

Date: 25/11/2022

FACULTY OF ENGINEERING & TECHNOLOGY (CO-EDUCATION)
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
REPORT ON

INVITED SPEAKER: Dr. Rajendra R Patil, Professor & Head in ECE Dept,
GSSS Institute of Engg. & Technology for Women, Mysore , KARNATAKA
Topic Covered: Developing and Prototyping 2 x 2 MIMO systems using SDRs.

1. TITLE: Developing and Prototyping 2 x 2 MIMO systems using SDRs.

DATES: 23-11-2022

2. Preamble: Invited Speaker on "Developing and Prototyping 2 x 2 MIMO systems using SDRs." was conducted on 23-11-2022 by the Department of Electronics & Communication Engineering. The talk is for participants of the 3 day International Conference on Multidisciplinary Research -2022.

3. Participant's information: Academicians, researchers, scientists and industry experts.

4. Description about the Invited Speaker: The session was conducted online mode in Department of Electronics & Communication Engineering. Faculty Of Engineering & Technology (Co-Education), Sharnbasva University, Kalaburagi.

The Detail link description is as follows:

Developing and Prototyping 2 by 2 MIMO Systems Using SDRs -Dr Rajendra Patil Professor and HOD GSSS College of Engineering for Women, Mysuru
Nov 23, 2022, 2:00 – 3:00 PM (Asia/Calcutta)

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/505546597>

You can also dial in using your phone.

Access Code: 505-546-597

United States: +1 (571) 317-3112

- One-touch: <tel:+15713173112,505546597#>

Prof. Sangeeta K, Asst. Prof. Dept. of ECE (Co-Education) introduced the speaker to the gathering.

The speaker covered the following contents in his talk:

- Introduction
- Multiple Input Multiple Output (MIMO)
- MIMO Configurations
- Universal Software Radio Peripheral (USRP)
- Prototyping 2X2 MIMO using NI USRP 2944R
- 2x2 MIMO Experimental Setup
- Results

The session was very informative and academicians, researchers, scientists and industry experts have shown good response.

At the end of the session Prof. Sangeeta K, Asst. Prof. Dept. of ECE (Co-Education) proposed vote of thanks to the gathering.

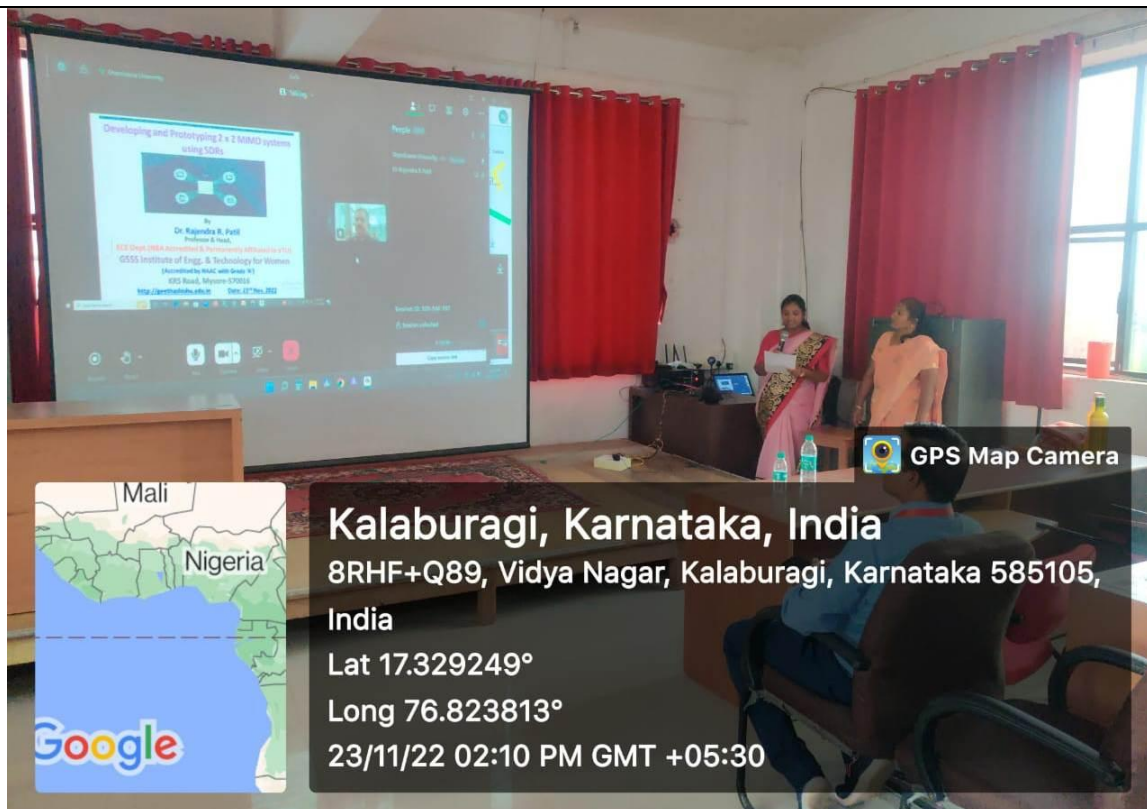


Figure1- Prof. Sangeeta K, Asst. Prof. Dept. of ECE (Co-Education) introduced the speaker.

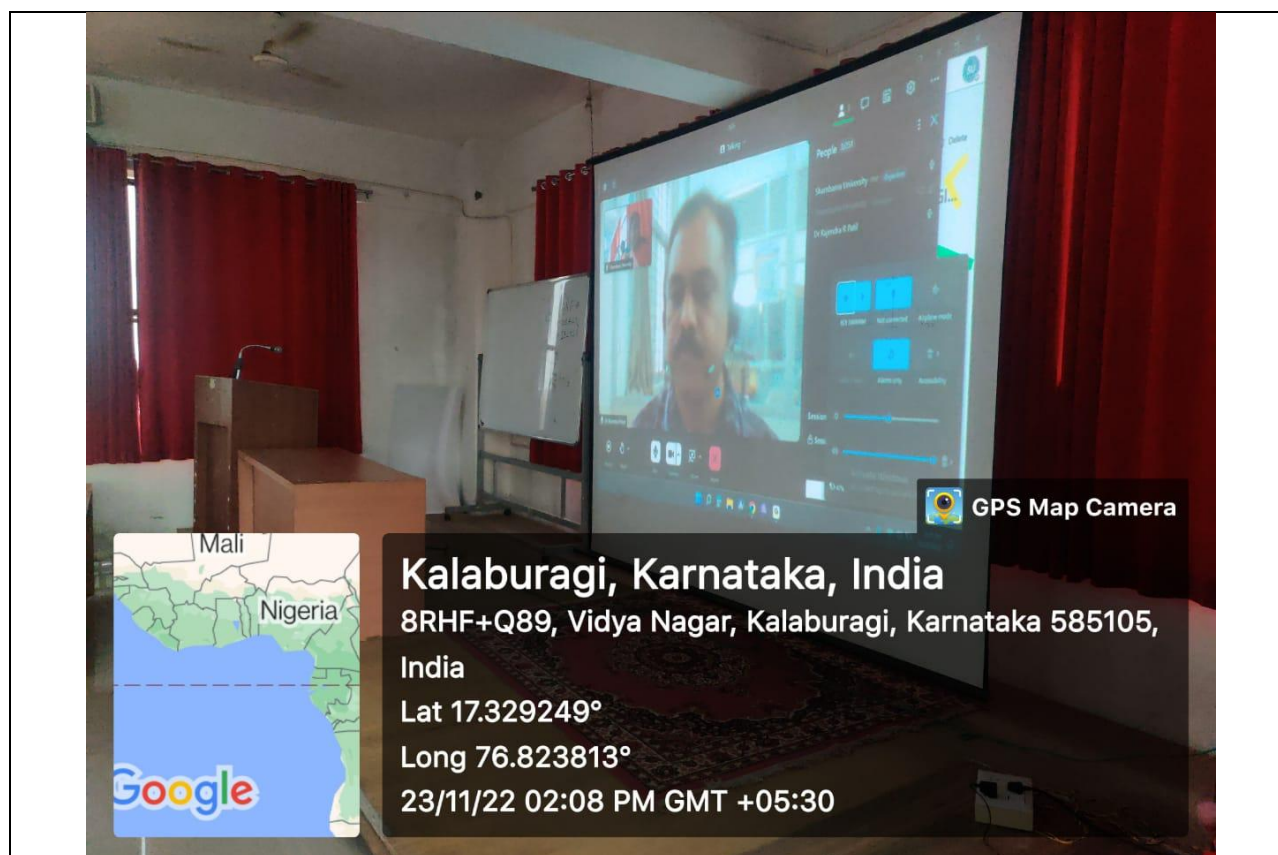


Figure-2-Session conduction by Guest Speaker Dr. Rajendra R Patil



Figure-3-Participants attending the session



Figure-4- Participants attending the session