Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College Of Engineering, Sangamner

Department of
Electronics and Telecommunication Engineering

IEEE MTTS

In association with

IEEE MTTS Bombay Section

Organizes invited talk on

"Recent Advancenents in High Frequency Communication"

Dr. Somak Bhattacharyya

Assistant Professor,
Department of Electronics Engineering,
Indian Institute of Technology,
Banaras Hindu University

11th July, 2023
11 :00AM

nue: A P J Abdul Kalam hall, Mechanical
Engineering, AVCOE

Amrutvahini Sheti and Shikshan Vikas Sanstha's
Amrutvahini College of Engineering, Sangamner
Estd. 1983

- Approved by AICTE, New Delhi
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- "A+" Grade by NAAC (2nd cycle, C.G.P.A.-3.4)
- ISO 9001 : 2015 TUV-SUD Certified
- AICTE ID : 1-7576531
- D.T.E. Code : EN5162
- SPPU ID : PU/AN/Engg-024/1983
- A.I.S.H.E. Code (Ref.No.) : C-41515
- Nodal Center of ISRO IIRS, Deharadun

Best Engineering College (Professional-Rural) Award (2010, 2020) by Savitribai Phule Pune University, Pune

Ref/AE/ETC/ 2023-24 /8323 Date: 08/07/2023

To,
Dr. Somak Bhattacharyya
Assistant Professor,
Departrment of Electronics Engineering,
Indian Institute of Technology,
Banaras Hindu University.

Sub: Invitation to deliver an Expert talk on **"Recent Advancements in High Frequency communication"** on **11th July, 2023**.

Respected Sir,

The Department of Electronics and Telecommunication Engineering of our institute is one of the leading department in the Savitribai Phule Pune University. Pune. The Department regularly organizes Workshops/STTP/Guest Lectures/National-International Conferences. As you are the expert in microwave Communication, we would like to invite you for talk on "Recent Advancements in High Frequency communication " on 11th July 2023 under IEEE MTT-S student branch chapter.

The objectives of the expert lecture is

1. To know the recent advancement in high frequency Communication.

We are very much sure that this lecture will definitely create an interest of students in high frequency communication. It will update them about the current state of art technologies of the domain. With the advent of the technology, there is an increase in demand of the channel bandwidth; leading to the requirement of high frequencies for communication. In this talk, some modern day aspects and trends of the high frequency communication will be presented. Emphasis will be given to applications like radio astronomical techniques, terahertz communication etc. where electromagnetic spectrum plays critical role. The applications from Indian scenario point of view will also be discussed in the talk.

It will be a pleasure to us to have you as a resource person for this workshop and I hope you would accept our invitation.

Invitation received.
SBhattacharyya
11/7/23.

Thanking you,

With regards
Yours sincerely,

Labade 08/07/23

Dr. Ms. R.P.Labade
Head, E&TC Department and
Counselor, IEEE Student branch.
Amrutvahini College of Engineering

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Ref/AE/ETC/ 2023-24 Date: 11/07/2023

To,
Dr. Somak Bhattacharyya
Assistant Professor,
Departrment of Electronics Engineering,
Indian Institute of Technology,
Banaras Hindu University.

Subject: Expression of gratitude

Respected Sir,

We sincerely wish to thank you for readily accepting our invitation and delivering a Expert talk on "Recent Advancements in High Frequency communication" on 11th July, 2023 under IEEE MTT-S student branch chapter.

Your talk was well received by student members and they were highly benefited with your experienced and knowledge based inputs. The valuable exposure about the important aspects. You will definitely help the students to achieve the outcomes

1. Modern day aspects and trends of the high frequency communication.
2.Applications like radio astronomical techniques, terahertz communication etc. where electromagnetic spectrum plays critical role.

We thank you for sparing your valuable time to guide us for this event and we look forward the same favorable support in future.

Thank you Once Again

Received.
SBhattacharyya
11/7/23.

Warm regards

Labade 11/07/23

Dr. Ms. R.P.Labade
Head, E&TC Department and
Counselor, IEEE Student branch.
Amrutvahini College of Engineering

Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Engineering

Sangamner, P.O: Sangamner S.K.- 422 608, Dist: Ahmednagar (M.S.) India.
Web: www.avcoe.org Email: principal@avcoe.org Phone no: (02425)- 259096 Fax: (02425) 259016

Ref: AE/ETC/ 8333 /2023-24 Date: 13/7/2023

To,
The Principal,
AVCOE, Sangamner.

Subject: Conduction report of Guest lecture on **"Recent Advancements in High Frequency Communication"** under association with IEEE MTT'S, IEEE AP'S Student branch chapters on 11th July, 2023.

Respected Sir,

The department of Electronics and Telecommunication Engineering under IEEE MTT-S, IEEE AP-S student branch chapter conducted a distinguished lecture of "Recent Advancements in High Frequency Communication" on 11th July, 2023. The Guest lecture was beneficial for all students in understanding the advancement in high frequency communication. This has played vital role in society today. Emphasis was given to applications like radio astronomical techniques, terahertz communication etc. where electromagnetic spectrum plays critical role. The applications from Indian scenario point of view was also be discussed in the talk.

The details of this Guest lecture were as follows:

Duration	: 11th July, 2023.
Resource Person	: **Dr. Somak Bhattacharyya** Assistant Professor, Department of Electronics Engineering, Indian Institute of Technology, Banaras Hindu University, Varanasi
Total no. of students attended the lecture	: 45
Objectives	To know the recent advancement in high frequency Communication.
Outcomes	Students understood, 1. Modern day aspects and trends of the high frequency communication. 2. Applications like radio astronomical techniques, terahertz communication etc. where electromagnetic spectrum plays critical role.
Coordinator	: **Ms. R. N. Deokar**

This is for your kind information.
Thanking You,

With regards,

Labade 13/07/23

Dr. Ms. R. P. Labade
(Head, E&TC Department and
Counselor, IEEE Student branch.
Amrutvahini College of Engineering)

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Activity Name: Guest Lect: "Recent Advancement in High Freq. communication."

Class: ~~SE~~ (ETC) **Date:** 11/7/2023

Sr.No.	Roll No.	Name of Student	Sign
1	70	Datrange Sakshi Sandip	
2	18	Deshmukh Mayuri Sharad	
3	31	Hase Kasturi Satish	
4	76	Sawant Shubhangi	
5	66	Todmal Rutuja Bhimraj	
6	35	Kadnor Tejashri Navnath	
7	57	Shelke Prajwali Pradip	
8	54	Rathod Snehal Sohanlal	
9	50	Pawar Srushtee Sunil	
10	4	Avhad Trupti Raghunath	
11	14	Chattar Punam Abasaheb	
12	60	Shinde Sujal Jayprakash	
13	67	Varpe Apurva Shamrao	
14	15	Chandhori Alisha Bharat	
15	08	Bhalerao Vaibhavi Prakash	
16	11	Bhusal Gitanjali Sanjay	
17	02	Amale Ashlesha Rajendra	
18	12	Bibare Aishwarya Satish	
19	20	Deshmukh Shreya Arun	
20	07	Bedke Ram Navanath	
21	65	Thocat Sarthak R.	
22	69	Shubnaim Babasaheb Jawale	
23	06	Bagade Jyoti Rohidas	
24	23	Gadekar Sanskar Rohidas	
25	09	Bhavar Appasaheb Ramesh	
26	27	Ghuge Rushikesh Uttam	
27	62	Shinde Yash Bajirao	
28	73	Kawade Abhishek Minanath	
29	16	Dagale Vikrant Vishnu	
30	64	Tambe Sarthak Vijay	
31	13	Borse Priyanka Manohar	
32	69	Sonawane Sanskruti Subhash	
33	05	Badakh Pratiksha Achyut	
34	74	Nannor Bhakti Rajendra	
35	40	Mane Nikita Vasant	
36	38	Kharde Mayuri Sanjay	
37	01	Aher Avdhut Vinayak	
38	46	Parbat Aditya Sarjerao	
39	51	Phaphale Priti Balasaheb	
40	17	Patbire Akansha Sudhir	
41	25	Shital Sanjay Ghodake	
42	24	Gaikwad Sanika Vishnu	
43	58	Shinde Shraddha Vijaykumar	