







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

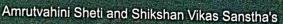
"Recent Advancenents in High Frequency Communication"



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 College of Engineering, Sangamner

- Approved by AICTE, New Delhi
- Permanently Affiliated to S. P. P. U., Pune
- Accredited Fourth time by NBA, New Delhi
- "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

Date: 08/07/2023

- 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

To,
Dr. Somak Bhattacharyya
Assistant Professor,
Department 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.

Initation received.

Schattachapp

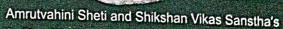
11/7/12

Thanking you,

With regards Yours sincerely,

Dr. Ms. R.P.Labade

Head, E&TC Department and Counselor, IEEE Student branch. Amrutvahini College of Engineering





Amrutvahini College of Engineering, Sangamner

- Approved by AICTE, New Delhi
- Permanently Affiliated to S. P. P. U., Pune
- Accredited Fourth time by NBA, New Delhi
- > "A+" Grade by NAAC (2[™] cycle, C.G.P.A.-3.4)
- ISO 9001: 2015 TUV-SUD Certified
- AICTE ID : 1-7576531D.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

Ref/AE/ETC/ 2023Best Engineering College (Professional-Rural) Award (2010, 2020) by Savite bai Rhole/Eggs University, Pune

To,

Dr. Somak Bhattacharyya Assistant Professor, Department 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

Warm regards

Dr. Ms. R.P.Labade

Head, E&TC Department and

rede 11/09/23

Counselor, IEEE Student branch.

Amrutvahini College of Engineering

Received Lungs

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,

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 Feeg. communication!" Date: 11/7/2023

	D U N	Name of Student	Sign
Sr.No.	Roll No.	Datrange Sakshi Sandip	Salesin
	70	Deshmakh Mayuri Sharda	Mayerd
2	18	Hace Kasturi Scitish	Alles
3	31	Hase kasturi saitsi sawant shubbangi	Shower
4	76		Startin
5	66	1001101 1500	Asachoo
6	35		Stepette.
7	5_ 	Sherical	dolo .
8	54	- Namou - Since	- fare
9	50		Ruber 1
16		Chattae Runam Abasaheb	(Funam
Saw Had S	14'	Shinde Sujal Jayprakash	Emryegs.
12	60	Sarpe Apuria shamras	Quis
13	6.7	chauchan Alisher Bharret	Sleep
14	15	Bhalesao Vaibhavi Prakash	Carphan
15	08	- Undicade	CHanjali
16	1	Anale Ashles ha Reyendra	Agulesta
17	02	Bibare Aishwania Satish	NSB .
18	12	neshmukh shrey a Arun	- step in at
19	20	Bedre Ram Navanat	
20	0/	Thorat Sarthak R.	Huis
01	65	shobnerm bubosaheb Jeude	5
22	1 1 1 1 1	Ragade Jeyer Robidas	teles
23	06	Gadekar Sanskar Rohidas	EBOPKIS
24	0.9	Bhavar Apparaheb Ramesh	PRP.
25		Ghage Rushikesh Uttom	Plange
26	27	Shinde Yash Bairas	Small
7	73	Kawade Applishelf Minanath	Mawade
28	16	Dagale Vikount Vishnie	anche
29	64	Tambe Sorthak Vijay	Stevel,
30	13	Dance Portugale Maiora	BIS
31	63	Songware Sonskruti Subhash	Sanstenut
32	05	Radakh Pratiksha Achyut	(PABridate)
33	74	Nannor Bhakti Rajendra	Chart
34	40	mone Nikita Vasant	Mane.N.
35	38	knarde mayuri Sanjay	mayan
36	01	Abor Audhut Vinayak	A~
37	46	Probat Aditya Sariekan	hahata
38	51	Phaphale Porti Balasabe	b
89	u+	Pathire Alcanona suchis	Hanspie.
40		Shital Saniay Chodab	a Schoolabe
4)	25	Gaikwad Sanika Vishny	Sanka
42	58	Shinde Shraddha Vijaykum	an Schinde
43	38		