

# IEEE Antennas and Propagation Society ACTIVITY REPORT

1. **Name of the Department:** Electronics and Communication Engineering

2. **Name of the Activity:** RF and radar coverage with digital twins

3. **Objectives:**

- To provide an overview of current trends and technological advancements in the radar industry
- To provide a detailed overview of the concepts of digital twins with special emphasis on RF applications in general

4. **Date, Time and Venue of the Activity:**

2<sup>nd</sup> April 2026, 11 am to 1pm, CR605, PJ Block

5. **Name and details of collaborating agency (if it is collaborative/joint activity):** IEEE Antennas and Propagation Society and IEEE Computer Society

6. **Brief summary of the Programme:**

Presenters of the programmes

- Mr. Shashikumar R, Senior simulation consultant-EM, Wireless solutions, Siemens Digital industries

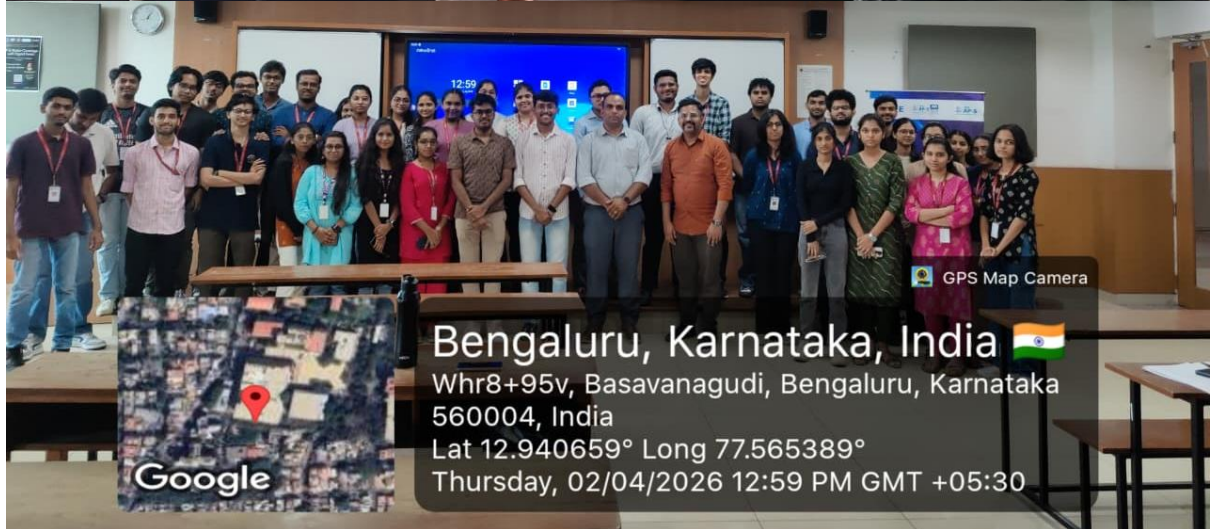
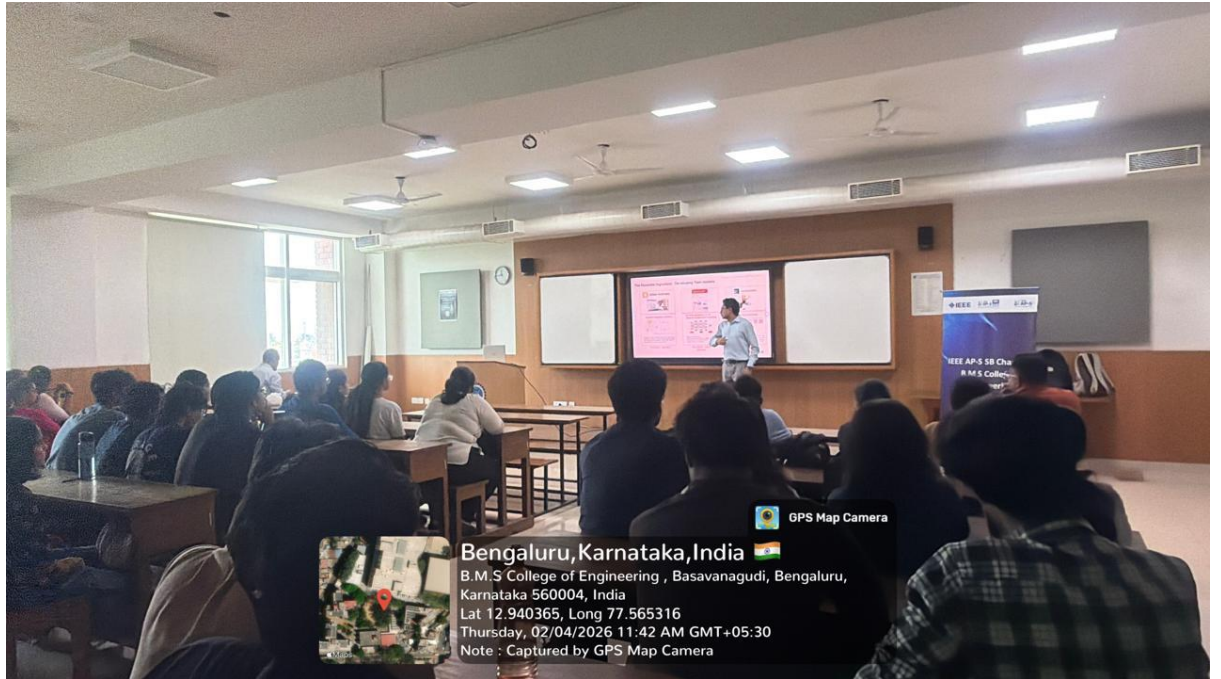
7. **Outcomes:**

- Explain major challenges, current innovations, and future directions in the radar sector
- Exposure to practical demonstrations of application of radar simulation tool
- Exposure to various opportunities in the RF domain across various sectors

8. **Number of participants:**

<b>Particulars</b>	<b>Number of Faculty &amp; Students</b>	<b>Non-Teaching Staff</b>	<b>External Participants</b>
Total Number of Participants <b>31</b>	IEEE Members : 07 Non-IEEE Members : 24	-	-

9. **Photographs of the activity:**



10. **Supporting Documents:**

- a) Attendance sheet
- b) Circulars/Brochures:



BMSCE IEEE Antennas and Propagation Society in collaboration with  
BMSCE IEEE Computer Society on account of CS Week presents

# RF & Radar Coverage with Digital Twins

"Translating waves into intelligent  
models."



2 April, 2026



11:00 AM – 01:00 PM



PJ Block, CR605



**Shashikumar R**

Senior simulation  
consultant-EM &  
Wireless solutions,  
Siemens Digital  
Industries

ABHIRAM : 84310 97353

ABHINAV : 63614 28617

RF & RADAR COVERAGE WITH  
DIGITAL TWIN

<u>Sl. no</u>	<u>Name</u>	<u>USN</u>	<u>IEEE ID</u> [If yes write ID else put X]
1			
2	Dhanuja Tijen	IBM23EC076	
3	M.R. Yashaswini	IBM24EC096	99776207
4	Lakshitha.D.L	IBM24EC094	X
	M. ANIRUDH		100767040
5		IBM24EC095	X
6	Praveen P. Acharya	IBM24EC146	X
7	Pavan Sai R.	IBM24EC141	X
8	Pranav Joshi	IBM25EC130	X
	Pavan S		
9		IBM25EC120	X
	Namratha P		
10	NINAADA RANGA	IBM23EC160	99779201
11	H. Pavan kalyan	IBM23EC169	99668399
12	Fathur Alam	IBM23EC095	X
		IBM23EC086	X
13	Pratheeksha S. Dodamani	IBM23EC193	X
14	Poornima S	IBM23EC181	X
15	Pranathi S	IBM23EC182	X
16	Preksha S. A	IBM23EC197	X
17	Geethangali S	IBM23EC092	X
18	Jahnavi, B.S	IBM23EC106	X
19	Preethishree <sup>C</sup> murthy	IBM23EC196	X
20	Sanmitha Mujumdar	IBM23EC232	X
21	Saniya Dodamani	IBM23EC230	X
22	Ritika Addepalli	IBM23EC213	X
23	Thrishika G	U18BP23A0064	X
24	Divyashree R	U18BP23A0080	X
25	Harshitha AR	U18BP23A0005	X

Sl No.	Name	USN	IEEE ID [IF No, PUT 'X']
26.	Gauranga Datta	IBM23EC091	99781377 X
27.	Dhriti Prakash	IBM23E1077	99770925
<del>28.</del>	<del>Dhanya Iyer</del>	<del>IBM23E</del>	
28	Kavita. G.	IBM23EC118	99774432
29 :	Eshwar	IBM23EC085	X
30	Jungbam Siddhanth	IBM23EC104	X
31	Anand. M	IBM24EC013	X