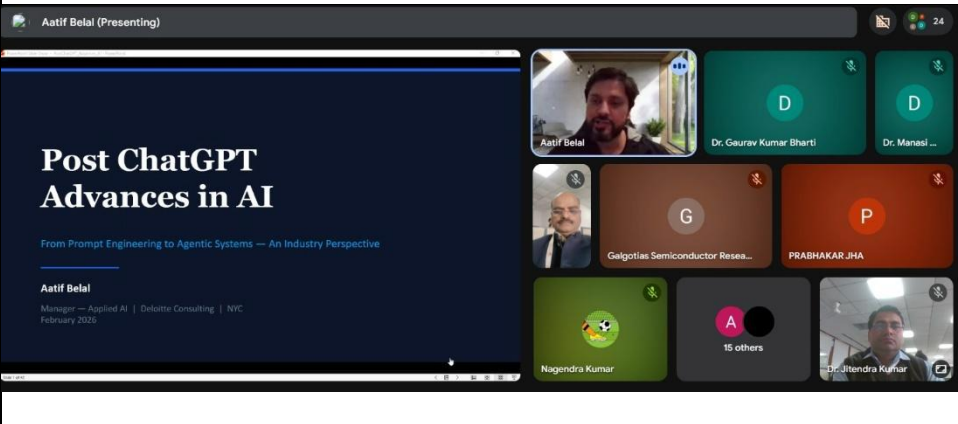
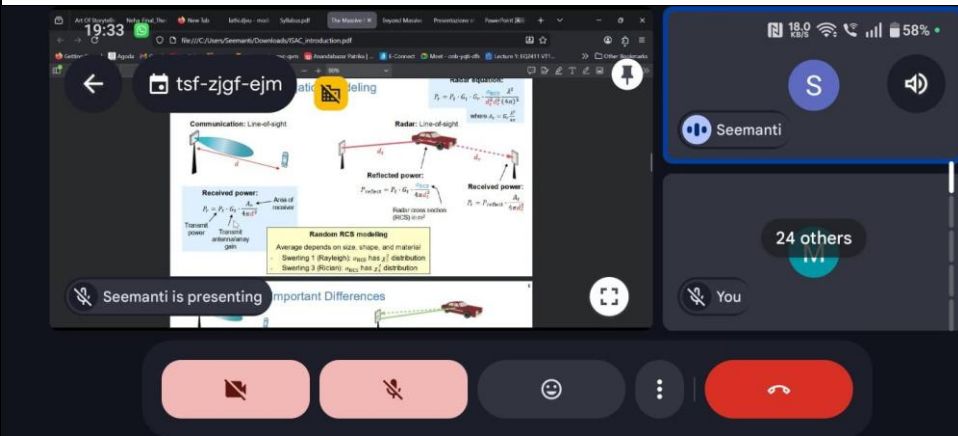
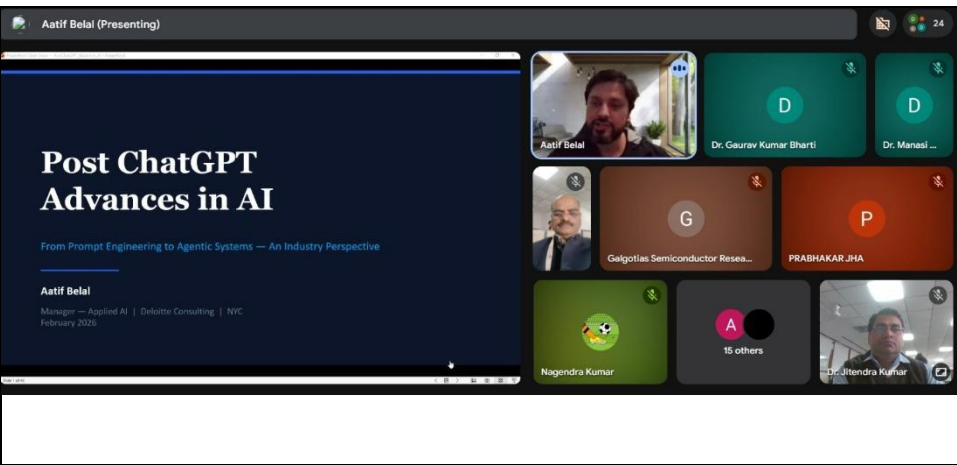


Standard Report Format

Title of Activity*	5 Days Faculty Development Programme On Recent Advances In Signal Processing with AI And VLSI Design (RASPAIVD-2026) in Hybrid Mode
Organized by (School/Centre Name)*	School of Engineering, Department of Electrical Electronics and Communication Engineering
Program Theme*	FDP
Date*	16th – 20th Feb, 2026
Time*	10:00 AM-12:00 PM and 6:00 PM-8:00 PM
Banner	
YouTube/Facebook Link: (if live streamed or video posted on FB/YT)	NA
Social media link (promoting in any one Facebook/Instagram/ Twitter is mandatory)	https://www.linkedin.com/in/departement-of-electrical-electronics-and-communication-engineering-galgotias-university-a22023280?utm_source=share_via&utm_content=profile&utm_medium=member_ios https://www.instagram.com/deece2025?igsh=MWp5bDF1a2dseTg3cg%3D%3D&utm_source=qr https://www.facebook.com/share/1EXRpQFBUa/?mibextid=wwXlfr

No. of Students* <i>(only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)</i>	2
No. of Faculty* <i>(only no. to be written , list in excel or word should be maintain at department level as proof for any further requirement)</i>	18
No. of External Participants (students+faculty) <i>[write NA if not applicable]</i>	66
Photograph-1*	
Photograph-2	

Photograph-3	
Description (min 250 to max 800 words)*	This programme is designed to provide an exposure to the fundamentals and recent advances in signal processing for audio and video and VLSI. During this FDP, esteemed academicians, and industry experts will discuss the current and future scope in the aforementioned eld. This programme also provides state of the art research ideas and recent technological advances in respective domains to the participants. Course Contents: • Recent Developments in Signal Processing Techniques for Image Processing Applications. • Modern Trends and Developments in Semiconductor Micro Nanoelectronics. • 5G/6G Wireless Communication with Signal Processing: Enabling Technologies, Challenges, and Applications. • Introduction to Blockchain or Post-quantum Security and Challenges. • Signal Processing and Machine Learning Application in Healthcare Systems. Post ChatGPT advances in AI • A Techno-Economic Prefeasibility Assessment of a Data-Assisted, Renewable- Powered Hydrogen Refueling Station. • Role of Signal Processing in AI and Machine Intelligence. • Importance of Signal Processing in Electrical Engineering. • Optical Signal Processing/Optical Data Processing.

SDGs Mapped	
Report Submitted by <i>(write faculty coordinator name) Fields marked with '*' are</i>	Dr. Gaurav Kumar Bharti, Associate Prof. DEECE Dr. Ram Sewak Singh, Associate Prof. DEECE

<i>mandatory</i>	
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