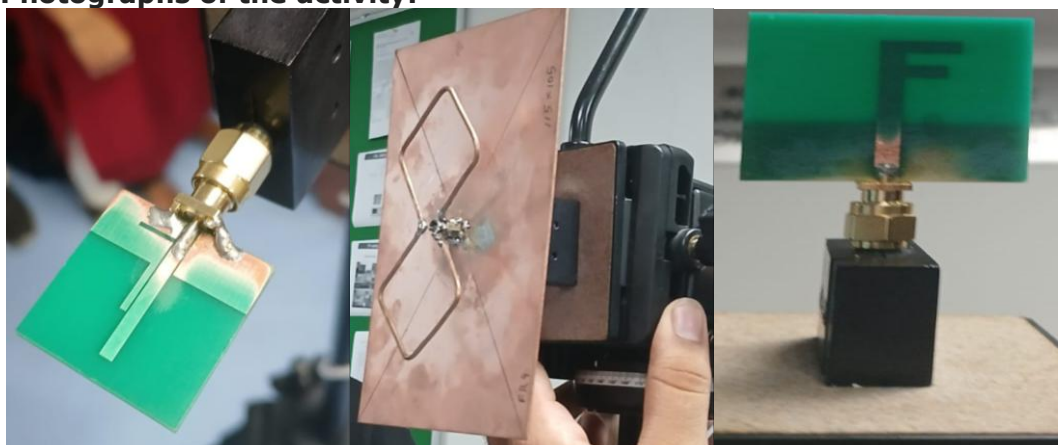


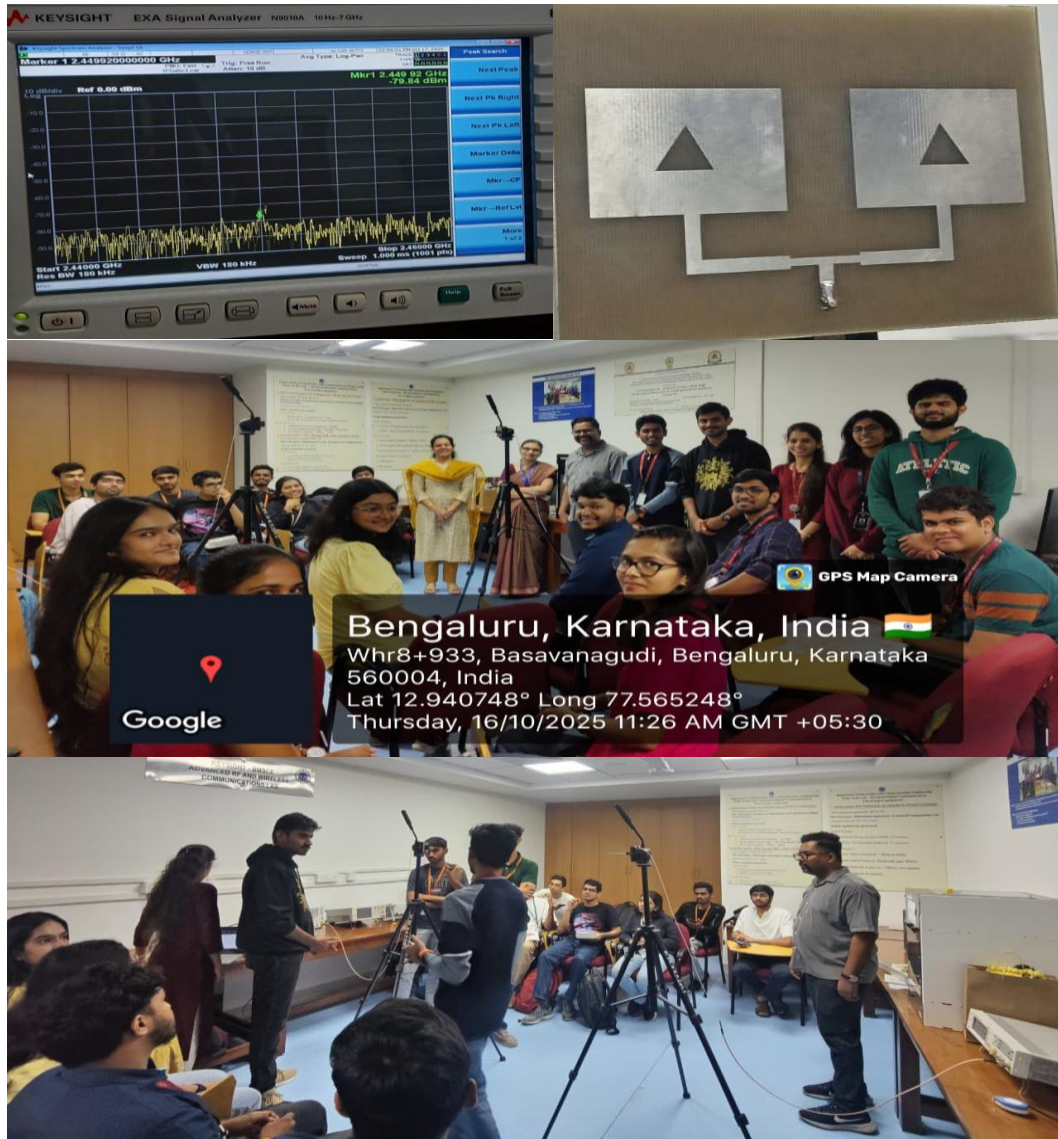
IEEE Antennas and Propagation Society ACTIVITY REPORT

1. **Name of the Activity:** Resonance – The Wi-Fi Antenna Contest
2. **Objectives:**
 - To provide hands-on experience in the design, simulation, and fabrication of antennas operating in the Wi-Fi frequency band.
 - To enhance participants' understanding of RF and microwave engineering concepts through practical experimentation.
3. **Date, Time and Venue of the Activity:** 16th October 2025, 11:00 – 14:00, L-307 RF Lab, BMS college of Engineering, Bangalore
4. **Name and details of collaborating/ associating agency (if it is collaborative/joint activity):** BMSCE IEEE PELS and IES – PELS and IEEE Week 2025
5. **Brief summary of the Programme:**
 The Resonance – Wi-Fi Antenna Contest was organized in association with BMSCE IEEE PELS as a part of IES – PELS Week 2025. It is a hands-on technical event to encourage innovation and practical application of antenna design concepts among undergraduate students. Participants were challenged to design, simulate, and fabricate antennas operating in the Wi-Fi frequency band. The contest provided a platform for students to demonstrate their creativity, technical proficiency, and understanding of RF and microwave engineering principles. Final testing and evaluation of the fabricated antennas were conducted using state-of-the-art measurement equipment, ensuring an industry-level experience.
6. **Outcomes:**
 - Participants gained practical exposure to antenna design and testing using advanced laboratory equipment.
 - The contest encouraged research orientation and interdisciplinary collaboration among students in the fields of electronics, communication, and RF engineering.
7. **Number of participants:**

Particulars	Number of Faculty & Students	Non-Teaching Staff	External Participants
Total Number of Participants 20	IEEE Members : 9 Non-IEEE Members : 11	-	10

8. **Photographs of the activity:**





9. **Supporting Documents:**
Circulars/Brochures

RESONANCE
THE WIFI ANTENNA CONTEST
PRIZE POOL
₹1.5K

DATE - 16/10/25
REGISTRATION FEES
IEEE - ₹100
NON IEEE - ₹150
RASHMIKA
9380237323

TEAMS OF 1-2
TIME - TBA
VENUE - TBA
GAURANGA
6360946182