




GRIET/6C/G/2024-25

EVENT SUMMARY REPORT

GRIET/Other institutes/Organization Address:	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY				
Department	Mechanical Engineering	Professional Body		Institutional Body	
		-		-	
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Guest Lecture				
Title / Theme of the Event	Advanced Drone Technologies				
Details of the Coordinator& Designation	B Shankarachary, Assistant Professor				
Event Dates/Days	From	To	No. of Days		
	22-02-2025	22-02-2025	01		
Details of the Speaker / Guest Organization address	Dr Janardhan Vistapalli, Associate Professor, Mahindra University				
Participants (Teaching Faculty / Non-Teaching Faculty / Students) Enclose participants list	No. of Faculty	No. of UG Students	No. of PG Students	No. of outside participants	Total Participants
	02	57	-	-	59
Faculty Name & Designation	B Shankarachary, Assistant Professor, Dr A Anitha Laxmi, Associate Professor				
Summary of the Event	<p>Key topics covered included:</p> <p>Cutting-edge Drone Technologies: Advances in AI, computer vision, and autonomous navigation for improved efficiency.</p> <p>Applications Across Industries: Use of drones in agriculture, surveillance, logistics, and disaster management.</p> <p>Regulatory Frameworks & Safety Measures: Discussions on aviation laws, security concerns, and ethical considerations.</p> <p>Future Trends: Development of swarm intelligence, hybrid propulsion systems, and long-endurance drones.</p>				

IRG (in rupees) Deposited A/C no A/C name and date and other details (enclose proof- A/Cstatement)	Nil
Expenditure (in rupees)(Enclose proof- bills.	Nil
POs attained with this Event (number and description)	<p>P03: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</p> <p>P04: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</p> <p>P05: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</p> <p>P07: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</p> <p>P08: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</p>
Photographs of the event (Hard copy and soft copy)	



Signature of Coordinator

Anitha Lakshmi
(Dr. A Anitha Lakshmi)
HOD-ME

Signature of HOD