



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**
Department of Electronics and Communication Engineering

Summary of Events under ISACA
Academic Year 2024-2025

S.No	Title of the Program	Speaker	Date	Total Participants
1	One Week Intensive Faculty Training Program on Computer Networks	Dr.G S Bapiraju, Professor, Dept of CSE	05-09 August 2024	20
2	Two day Workshop on PCB Design and Manual Fabrication	Prof. A Radhanad, Associate Professor, Dept of ECE	25-26 September 2024	71
3	One Day Workshop on Mobile App Development	Prof. A Radhanad, Associate Professor, Dept of ECE and Dr Ch Usha Kumari, Professor, Dept of ECE	08 November 2024	30
4	Guest Lecture on "Plan Ahead your career"	Mr Venkat Ramana Kuruhuri, Vice President- Human & Corporate Relations, Skyde Solutions India Pvt. Ltp	15 February 2025	60
5	Two Day Workshop on Drone assembly, Calibration and Flight Training	Dr Kiran Mannem Professor, Professor, ECE, Drone Club Coordinator	18-19 February 2025	20
6	Workshop on Sustainable Development Goals (SDG) and Design Thinking	In Association with BRAIN O VISION	16 April 225	65
7	INDIA-JAPAN STUDENT RELATIONS	Mr. Daisuke Tanji, Founder and CEO of Indobox	25 August 2025	65



Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)
Department of Computer Science and Engineering

EVENT SUMMARY REPORT

1.Nature of the Event	Workshop-FDP
2.Title of the Event	Intensive Faculty Training Program On COMPUTER NETWORKS
3. Theme/Objective of the Event	Computer Networks Lab
4.Details of the Convener/Coordinator	Dr. Ch.Usha Kumar(HOD-ECE) Dr. B Sankara Babu (HOD-CSE) Dr B Srinivasa Rao - Dean FDP
5. Dates of Event or Schedule	Schedule: 05 th Aug'2024 to 09 th Aug'2024
6. Details of the Speakers	Dr.G S Bapiraju sir- SDC Dean Interships. He is a senior professor in the Department of Computer science and engineering,GRIET. He is having more than two decades of teaching/Industry experience. He is a qualified instructor for various courses including CISCO, RedHat Linux, PaloAlto Networks, Blue Prism and Amazon AWS courses.
7.No. of Participants	20
8. Summary of the Event	<p>There is very good response of faculty. Sessions were conducted for five days.</p> <p><u>In Day 1:</u> Introduction to CN</p> <p>Task-1: Implement the following Data Link Layer framing methods: a) Bit stuffing b) Character-stuffing c) Character count.</p> <p>Task-2: Implement the following Data Link layer protocols: a) Simplex protocol b) Stop and Wait protocol c) Sliding Window protocol</p> <p>Task-3: Design a program to implement the following: a) Shortest Path routing protocol b) Distance Vector routing protocol c) Token Bucket algorithm</p> <p><u>Day 2 :</u></p> <p>Task-4: Develop a program to implement the following: a) DES algorithm b) RSA algorithm</p> <p>Task-5: a). Configure network devices, such as hubs and switches within a network topology using Packet Tracer software).Construct a single LAN and understand the concepts and operation of ARP.</p> <p><u>Day 3 :</u></p> <p>Task-6: Configure and implementation of a Switch within a Network using Packet Tracer. Learn and implement basic commands of Computer network like PING, trace route, nslookup etc.</p>

	<p>Task-7:a). Configure and implementation of a Router within a Network using Packet Tracer. b). Configure and examine Network Address Translation (NAT).</p> <p><u>Day 4 :</u></p> <p>Task-8:a).Configure network topology to implement VLANs with using Packet Tracer software. b).Configure network topology and implement static routing using Packet Tracer Software.</p> <p>Task-9: a). Configure network topology and implement dynamic routing protocol such as RIP, OSPF etc. using Packet Tracer.</p> <p>Task-10: Configure DHCP Server in the Network using packet tracer software. Configure a remote login using SSH and Telnet.</p> <p><u>Day 5 :</u></p> <p>Task-11: Establishing a Web Server Connection Using the PC's Web Browser, .Install Wire shark and view</p> <ul style="list-style-type: none"> i). Network Traffic. ii).Wired and wireless NIC information. iii).Examine Ethernet Frames <p>Task-12: Adding IoT devices to Smart Homes using Packet Tracer b). Connect and Monitor IoT Devices using Packet Tracer</p> <p>The program was successfully conducted and certificates were awarded to all eligible participants.</p> <p>The Feedback was Excellent.</p>
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9.Event Photographs	
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10. Model Participant Certificate



A handwritten signature in blue ink, which appears to be "Ch. Usha Kumari".

Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India								
Department	ECE	Professional Body		Institutional Body					
		ISACA		GRIET- IDEA Lab					
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities	Workshop								
Title / Theme of the Event	Two days Workshop on PCB Design and Manual Fabrication								
Details of the Coordinator & Designation	Mr. Radhanand A , Assoc. Prof, ECE - College Coordinator Dr Ch Usha Kumari, Professor & HoD ECE, GRIET								
Event Dates/Days	On	No. of days							
	25-09-2024 to 26-09-2024	2 days							
Details of the Speaker / Guest Organization Address:	Mr. Radhanand A <i>GRIET Idea Lab-Coordinator</i>								
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants				
	0	71	0	0	71				
Faculty Names & Designation	Dr. N. Arun Vignesh, Associate Professor/ECE Mr. Sai , Technical Staff, ECE								

Summary of the Event	Hands on training sessions were given to all students. Students designed a rectifier circuit utilizing Eagle software and then the design prints were taken. After finalizing their designs, students printed the circuit layouts and successfully transferred these designs onto copper plates by applying heat. Then etching process was carried out by dipping the plates in Ferric chloride solution. This step effectively removed unwanted copper, leaving behind the desired circuit pattern. Post etching, students drilled the plates to create holes for component placement. The components were soldered and assembled over the board. All the boards were tested and over 95 percent of the participants achieved the expected results.
IRG (in rupees)	Internal
Expenditure (in rupees)	-
POs attained with this Event (number and description)	<p>PO1: Engineering knowledge</p> <p>PO3: Design/development of solutions</p> <p>PO 9: Individual and team work</p> <p>PO5: Modern tool usage</p> <p>PSO2: Integrated Engineering</p>



<p>Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable. etc.,</p>	<p>Proofs attached</p>
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Signature of Coordinator

Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India								
Department	ECE	Professional Body		Institutional Body					
		ISACA		GRIET- IDEA Lab					
Nature of the Event	Workshop for school children								
Title / Theme of the Event	One Day Workshop on Mobile App Development								
Details of the Coordinator & Designation	Mr. Radhanand A , Assoc. Prof, ECE - College Coordinator Dr Ch Usha Kumari, Professor & HoD ECE, GRIET								
Event Dates/Days	On	No. of days							
	08-Nov 2024	1 day							
Details of the Speaker / Guest Organization Address:	Mr. Radhanand A <i>GRIET Idea Lab-Coordinator</i> Dr Ch Usha Kumari, Professor, ECE Professor & HoD								
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of students	No.of PG Students	No. of outside participants	Total Participants				
	5	25	0	25	30				
Faculty Names & Designation	Dr Ch Usha Kumari, Professor, ECE Dr T Padma, Professoe, ECE Mr. Sai , Technical Staff, ECE								
Summary of the Event	<p>This one day program was conducted at GRIET, IDEALab for 25 students of class X accompanied by a faculty member. The students were from Kaluram Ghurka Vidyadayini Vidyalayam, Ghattuppal. The following was the schedule of activities carried out:</p> <ul style="list-style-type: none">• Introduction to IDEALab – objectives, activities and target groups• Career Guidance Talk by Dr Nookaraju, Dean Admissions, GRIET• Presentation on a project for computer aided pattern printing on textiles by								

	<p>students of CSE department</p> <ul style="list-style-type: none"> • Presentation on IOT basics and project building blocks • Hands-on working on mobile app development on the Kodular platform which included- <ul style="list-style-type: none"> ○ Creation of students' own Kodular account ○ Simple mobile app development with UI, sensor and media components ○ Drawing app with canvas elements ○ Testing of all apps on students' mobile phones • Display and explanation of IDEALab equipment such as 3D printers and sublimation printing process. • Demonstration of IDEALab projects such as 3D models, IOT projects, remote controlled robot vehicle, gesture controlled lights and scrolling display
IRG (in rupees)	Internal
Photographs of the event	



Signature of Coordinator



Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India								
Department	ECE	Professional Body		Institutional Body					
		ISACA		GRIET					
Nature of the Event	Guest Lecture								
Title / Theme of the Event	Guest Lecture on "Plan Ahead your career"								
Details of the Coordinator & Designation	Dr Ch Usha Kumari, Professor & HoD ECE, GRIET								
Event Dates/Days	On	No. of days							
	15 Feb 2025	1 day							
Details of the Speaker / Guest Organization Address:	Mr Venkat Ramana Kuruhuri, Vice President- Human & Corporate Relations, Skyde Solutions India Pvt. Ltp								
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. UG of students	No. of PG Students	No. of outside participants	Total Participants				
	3	60	0	0	60				
Faculty Names & Designation	Dr Ch Usha Kumari, Professor, ECE Dr T Padma, Professor, ECE Dr Kiran Mannem Professor, ECE								
Summary of the Event	<p>The Department of ECE conducted a guest lecture today i.e, 15 February 2025 by Venkat Ramana Kuruhuri on the Topic "Plan Ahead your career". He enlightened students of ECE with his valuable insights on career guidance. He gave inputs on interview skills</p> <ol style="list-style-type: none">1. How to draft and craft resume?2. How to apply and process?3. How to face and crack interview ?4. How to decide and accept offer?5. How to build positive attitude?								

	6. How to map and build positive mindset, and match the work environment and culture to perform and prove the best of skills and knowledge to grow as ONE family.
IRG (in rupees)	Internal



Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology, Bachupally, Hyderabad-500090, India								
Department	ECE	Professional Body		Institutional Body					
		ISACA		GRIET					
Nature of the Event	Two Day Workshop								
Title / Theme of the Event	Two Day Workshop on Drone assembly, Calibration and Flight Training								
Details of the Coordinator & Designation	Dr Kiran Mannem Professor, Professor, ECE, Drone Club Coordinator Dr Ch Usha Kumari, Professor & HoD ECE, GRIET								
Event Dates/Days	On	No. of days							
	18 Feb 2025 -19 Feb 2025	2 day							
Details of the Speaker / Guest Organization Address:	Dr Kiran Mannem Professor, ECE Dr Ch Usha Kumari, Professor, ECE Professor & HoD								
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. UG of students	No. of PG Students	No. of outside participants	Total Participants				
	2	20	0	0	20				
Faculty Names & Designation	Dr Ch Usha Kumari, Professor, ECE Dr Kiran Mannem Professor, ECE Mr. Sai , Technical Staff, ECE								
Summary of the Event	<p>The GRIET Drones Club successfully conducted a two-day hands-on drone workshop on 18th and 19th February 2025 under the guidance of Prof. Kiran Mannem (ECE Department). This workshop provided participants with valuable insights into drone technology, covering everything from the basics to assembling and flying drones.</p> <p>Key Focus Areas of the Workshop:</p> <ol style="list-style-type: none">1. Drone Architecture – Understanding the structural components								

	<p>of drones.</p> <ol style="list-style-type: none"> 2. Fundamental Concepts – Exploring the principles behind drone operation. 3. Drone Assembly – Hands-on experience in building drones. 4. Calibration 5. Flight Training <p>The workshop received overwhelmingly positive feedback, with participants appreciating the practical learning experience and comprehensive guidance provided by the team.</p>
IRG (in rupees)	Internal



Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.					
Department	ECE	Professional Body	Institutional Body			
		ISACA	GRIET			
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities	Workshop					
Title / Theme of the Event	Workshop on Sustainable Development Goals (SDG) and Design Thinking					
Details of the coordinator & Designation	Dr. Ch Usha Kumari, Professor & HoD, ECE Dr G Bapi Raju, Profesoor, CSE Dr K Jamal, Professor, ECE Dr T Padma, Professor, ECE					
Event Dates/Days	From	To	No. of Days			
	16/04/2025	16/04/2025	1			
Details of the Speaker / Guest Organization Address:	In Association with BRAIN O VISION					
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No.of PG Students	No. of outside participants	Total Participants	
	5	60	0	0	65	
Faculty Names & Designation	<ol style="list-style-type: none">1. Dr Ch. Usha Kumari, Professor & HoD, Dept of ECE2. Dr V Hima Bindu, Professor, Dept of ECE3. Dr Surekha, Professor, Dept of ECE4. Dr M Kiran, Dept of ECE5. Dr K Jamal, Professor, Dept of ECE					

	<p>Department of ECE in collaboration with SDC conducted an one day workshop on Sustainable Development Goals (SDG) and Design Thinking on 16 April 2025. The workshop aimed to introduce participants to the concept of Sustainable Development Goals (SDGs) and integrate them with the Design Thinking approach to foster innovation, problem-solving, and solution development for real-world challenges.</p> <p>The session was conducted by experts from BRAIN O VISION, an organization known for its focus on emerging technologies, innovation, and education. The workshop emphasized how Design Thinking can be a powerful tool to drive sustainable solutions aligned with global development goals.</p> <p>Summary of the Event</p> <p>Hands-on activities and group exercises were conducted to identify community problems and develop SDG-aligned solutions using the Design Thinking model.</p> <p>Real-life examples were discussed where Design Thinking has been used to address social, environmental, and economic issues.</p> <p>OUTCOMES:</p> <ol style="list-style-type: none"> 1. Improved understanding of global challenges and the role of SDGs 2. Development of empathy-driven and user-centric approaches to problem-solving 3. Enhanced collaboration, creativity, and critical thinking among participants 4. Prototypes and concepts for sustainable solutions were presented at the end of the session
IRG (in rupees)	0
Expenditure (in rupees)	INR 5000
POs attained with this Event (number and description)	<p>PO e. Ability to identify, formulate, and solve engineering problems.</p> <p>PO f. Understanding of professional and ethical responsibility.</p> <p>PO h. Understanding the impact of engineering solutions in a global, economic, environmental, and societal context.</p> <p>PO i. Ability to recognize the need for, and to engage in life-long learning.</p> <p>PO j. Develop knowledge of contemporary issues.</p> <p>PO l. Ability to demonstrate knowledge and understanding of Electronics and Communication Engineering with management principles and apply these to one's own work, as a member and leader in a team, to manage projects.</p>



WORKSHOP ON SUSTAINABLE DEVELOPMENT GOALS (SDG) AND DESIGN THINKING

CONDUCTED BY DEPT. OF ECE & SKILL DEVELOPMENT CELL IN ASSOCIATION WITH BRAIN O VISION

ON 16.04.25.



Signature of HOD



EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.					
Department	ECE	Professional Body	Institutional Body			
		ISACA	GRIET			
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities	Seminar					
Title / Theme of the Event	INDIA-JAPAN STUDENT RELATIONS					
Details of the coordinator & Designation	Dr. Ch Usha Kumari, Professor & HoD, ECE					
Event Dates/Days	From 25 Aug 2025	To	No. of Days 1			
Details of the Speaker / Guest Organization Address:	Mr. Daisuke Tanji, Founder and CEO of Indobox					
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty 5	No. of UG students 60	No. of PG Students 0	No. of outside participants 0	Total Participants 65	
Faculty Names & Designation	<ol style="list-style-type: none">1. Dr Ch. Usha Kumari, Professor & HoD, Dept of ECE2. Dr K Jamal, Professor, Dept of ECE3. Dr V Arvind Professor, Dept of ECE					

Summary of the Event	The Department of ECE conducted a seminar on INDIA–JAPAN STUDENT RELATIONS by Speaker Mr. Daisuke Tanji, Founder and CEO of Indobox, today Aug 25, 2025 (1:30–3:00 PM) at Mech Seminar Hall, 4312 GRIET, covering Indobox activities, student exchange & internship opportunities in Japan, entrepreneurship, Japanese industries & companies, and a brief on Japanese culture
IRG (in rupees)	0
Expenditure (in rupees)	INR 5000



Signature of HOD