



GOUTHAMI
INSTITUTE OF TECHNOLOGY AND MANAGEMENT FOR WOMEN
Affiliated to J.N.T.U Anantapur & Approved
By A.I.C.T.E New Delhi.

GITAMW NEXUS-2025

Date: 28th February 2025

Subject: Official Report on GITAMW Nexus-2025 – One Day National Level Technical Symposium

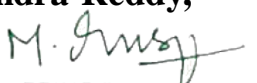
Name of the Resource Person with Designation: Professor G. Jaya Chandra Reddy,
Department of Mechanical Engineering, YVU

GITAMW NEXUS-2025, a **One-Day National Level Technical Symposium**, was successfully organized by **Gouthami Institute of Technology and Management for Women** on **28th February 2025**. The event served as a **catalyst for innovation, collaboration, and technical excellence**, providing a **dynamic platform for students, researchers, and academicians** to explore emerging technologies, present groundbreaking ideas, and participate in interactive sessions.

This prestigious symposium witnessed **enthusiastic participation from students across multiple institutions**, fostering an environment of knowledge-sharing and hands-on learning. The event featured a wide range of **technical paper presentations, specialized workshops, panel discussions, and skill-based competitions**, each designed to **challenge and inspire young minds**. By bridging the gap between academia and industry, GITAMW Nexus-2025 empowered participants to **engage with real-world technological advancements, refine their problem-solving abilities, and showcase their technical prowess** on a national stage.

With a strong emphasis on **practical learning and innovation**, the symposium successfully encouraged students to **develop cutting-edge solutions, collaborate with peers, and interact with industry experts**, further strengthening their professional and technical skills. The success of GITAM Nexus-2025 underscores the institution's commitment to academic excellence and its role in shaping the future of technology-driven education.

The fest featured a diverse range of activities, including technical, creative, and interactive sessions. The fest witnessed participation from over 150 students from various institutions. Industry professionals and academicians provided mentorship and insights during the event. The Academician **Professor G. Jaya Chandra Reddy**,


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Department of Mechanical Engineering, YVU delivered an inspiring keynote address on Emerging Technologies in Engineering and Women Empowerment. The project exhibition showcased 32 cutting-edge projects and 84 Poster Presentations from various engineering domains.

Competitions & Special Events:

TECHVISIONS – TECHVISIONS was a **highly competitive PPT competition** where students from **ECE, CSE, and EEE** branches presented their research on emerging technologies. The event provided a platform for participants to **showcase their knowledge, creativity, and technical expertise** through well-structured PowerPoint presentations.

Topics Covered:

- ◆ **ECE:** Embedded Systems, Wireless Communications, Image Processing, Low Power VLSI, AI in ECE, Internet of Things (IoT).
- ◆ **CSE:** Machine Learning, Artificial Intelligence, Cloud Computing, Cybersecurity, Neural Networks, Robotics.
- ◆ **EEE:** AI and ML in Power Systems, Wireless Power Transmission, Smart Grids, Renewable Energy Integration, Battery Management for EVs.

Judges from **academia and industry** assessed the presentations based on **content depth, presentation skills, innovative approach, and real-world application**. The competition provided students with **valuable feedback, networking opportunities, and exposure to industry expectations**. TECHVISIONS was a **stepping stone for aspiring engineers** to explore research and technical advancements while competing at a national level.



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Paper Presentations & Prize Winners in Paper Presentations

□ **QUIZ QUEST** – A rigorous test of technical knowledge and problem-solving skills, this competition challenged participants with thought-provoking questions from various engineering domains. The quiz consisted of multiple rounds covering **fundamental concepts, real-world applications, and emerging technologies**. Designed to **enhance analytical thinking and technical awareness**, Quiz Quest encouraged students to apply their knowledge dynamically while competing against peers. Judges assessed the participants based on **accuracy, speed, and depth of understanding**, making it a thrilling and intellectually stimulating event.

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Prize Winners from CSE & CSE(AI&ML) Students in Technical Quiz

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🚀 **INNOVATION EXPO** – A premier platform where students demonstrated their innovative projects, showcasing their ability to design, develop, and implement real-world solutions. Participants presented prototypes, research-driven models, and working projects across various engineering domains, addressing contemporary challenges in technology and society. The expo encouraged creativity, problem-solving, and collaboration, allowing students to interact with industry experts and receive valuable feedback on their innovations. Judges assessed projects based on **originality, feasibility, impact, and technical execution**, making it a key highlight of the symposium.



Project Expo by CSE & CSE(AI&ML) Students

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Project Expo by EEE & ECE Students



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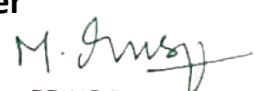
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 **HACK & CRACK** – A dynamic coding and ethical hacking competition that tested participants' proficiency in **C, Java, and Python**. This event challenged students to solve real-world programming problems, debug complex code structures, and apply cybersecurity techniques to identify and fix vulnerabilities. Participants engaged in multiple rounds, including **algorithmic challenges, penetration testing simulations, and competitive coding tasks**, showcasing their problem-solving abilities and programming expertise. Industry experts and faculty members evaluated the contestants based on **code efficiency, logical accuracy, and innovative approaches to security threats**. The competition served as a **platform for aspiring developers to refine their skills, collaborate on complex projects, and gain industry-relevant experience**.

 **THINK & THRIVE – JAM (Just A Minute) – Speak Your Mind!** – A fast-paced and engaging public speaking competition that tested participants' ability to **think quickly, communicate effectively, and articulate their thoughts within a minute**. Covering a wide range of general topics, the event encouraged spontaneity, creativity, and confidence in speaking. Participants were challenged to deliver **coherent, insightful, and impactful speeches** on randomly assigned topics, demonstrating their ability to structure ideas on the spot. Judges evaluated speakers based on **fluency, clarity, originality, and confidence**, making JAM an exciting platform for students to enhance their public speaking skills and express their viewpoints concisely.



THINK & THRIVE – JAM (Just A Minute) Round & Prize Winner


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THINK & THRIVE – JAM (Just A Minute) Round

🗯️ **VISIONARY POSTERS** – Visionary Posters was an inspiring competition where students from **ECE, CSE, and EEE** branches displayed their technical creativity through visually compelling posters. This event encouraged participants to **transform complex technical ideas into simplified, engaging, and informative visual formats**.

Topics Covered:

- ◆ **ECE:** Embedded Systems, Wireless Communications, Image Processing, Low Power VLSI, AI in ECE, Internet of Things (IoT).
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Posters were judged on **creativity, technical accuracy, clarity of information, and innovative presentation techniques**. Participants had the opportunity to **showcase their research visually, develop presentation skills, and receive valuable feedback from experts in the field**. The competition served as a **platform for students to bridge the gap between technology and effective communication**, making complex concepts accessible and engaging.

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Guest of Honor & Special Mentions:

We were privileged to have **Professor G. Jaya Chandra Reddy, Department of Mechanical Engineering**, as our esteemed guest. His **valuable insights on technological advancements** in the engineering sector enriched the symposium.

A special note of gratitude to **Dr. R. Rama Subbamma, Principal of Gouthami Institute of Technology and Management for Women**, for her continuous support and encouragement, ensuring the smooth execution of this prestigious event.

We also extend our appreciation to **HODs, Faculty Coordinators, and the Organizing Committee**, whose dedication and commitment contributed to the resounding success of GITAM Nexus-2025.

గౌతమి కళాశాలలో గీతం నెక్సస్ 2025


ప్రొద్దుటూరు ఫిబ్రవరి 28 ప్రతినీత్యం స్కూల్

ప్రొద్దుటూరు మండలం లోని గౌతమి మహిళా ఇంజనీరింగ్ గీతం నెక్సస్ 2025 వస్తే నేషనల్ లెవెల్ టెక్నికల్ సింపోసిజం కార్యక్రమాన్ని ఘనంగా నిర్వహించినట్లు కళాశాల ప్రిన్సిపల్ డాక్టర్ ఎం రామసుబ్బామ్మ తెలిపారు. ఈ కార్యక్రమానికి గౌరవ అతిథిగా యోగివేమన యూనివర్సిటీ ఇంజనీరింగ్ నుండి ప్రొఫెసర్ జి జయచంద్రారెడ్డి, డిపార్ట్మెంట్ ఆఫ్ మెకానికల్ ఇంజనీరింగ్ హాజరైనట్లు తెలిపారు. ఈ కార్యక్రమానికి ఇతర ఇంజనీరింగ్ కళాశాలల నుండి 50 మంది విద్యార్థినిలు పైగా హాజరయ్యారు. విద్యార్థినిలు పేపర్ ప్రజెంటేషన్ పోస్టర్ ప్రజెంటేషన్ రాజకీయం ఎక్స్క్యూ టెక్నికల్ క్విజ్ కోడింగ్ మరియు డి బింగ్ థింక్ మరియు డ్రైవ్ హ్యాక్ మరియు క్రాక్ జాం వంటి కార్యక్రమాల్లో దాదాపుగా 160 టీములు పాల్గొన్నట్లు తెలిపారు. విద్యార్థులు ప్రదర్శించిన క్లౌడ్ కంప్యూటింగ్ రోబోటిక్స్ స్టీప్ అల్ర్ట్ సెన్సార్ వంటి ప్రదర్శనలు అలరించాయన్నారు. ఈ కార్యక్రమాల్లో గెలుపొందిన విద్యార్థులకు ప్రథమ మరియు ద్వితీయ నగదు బహుమతులను అందించారు. ఈ కార్యక్రమానికి కళాశాల కరస్పాండెంట్ బాబమ్మ, డైరెక్టర్ నాగూరు, రవీంద్రా రెడ్డి, కో. డైరెక్టర్ శైలాష, డిప్లమా కళాశాల ప్రిన్సిపల్ ప్రకాశరావు వివిధ విభాగ అధిపతులు కోటేశ్వర రావు, మహమ్మద్ జాబీర్ యాకూబ్ అలీ, విజయమ్మ, అధ్యాపక మరియు అధ్యాపకేతర బృందం పాల్గొన్నారు.



Prize Distribution Ceremony:

At the conclusion of the symposium, a prize distribution ceremony was held to recognize and honor the winners of various competitions. Prizes were awarded to the winners for their exceptional performance and contributions in different events, celebrating their technical brilliance and dedication.


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OUTCOMES:

The Nexus-Tech Fest successfully achieved its objectives, with numerous positive outcomes:

- **Increased Student Engagement:** A high number of participants actively took part in various events, displaying enthusiasm and creativity.
- **Skill Development:** Students enhanced their technical skills through Project Exhibitions, Poster Presentations and competitions.
- **Innovative Projects:** Several innovative projects and prototypes were developed and presented.
- **Industry Exposure:** Interaction with industry experts provided valuable insights into real-world technological applications.
- **Networking Opportunities:** Students had the chance to network with peers, faculty, and professionals, fostering future collaborations.
- **Recognition and Awards:** Outstanding performers were acknowledged and rewarded, encouraging further innovation.

Conclusion:


GITAM Nexus-2025 successfully brought together students and faculty from across disciplines, fostering a **culture of research, innovation, and learning**. The event has left an **indelible mark in the academic and technical community**, setting the stage for even **greater advancements in future editions**.

We extend our heartfelt appreciation to **all participants, faculty, and organizers** who contributed to this phenomenal event. The overwhelming response and enthusiasm ensure that **GITAM Nexus will continue to thrive** as a leading technical symposium.

🍇 **Looking forward to GITAM Nexus-2026!** 🍇

Authorized By:

Organizing Committee, GITAM Nexus-2025


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