



GOVERNMENT DEGREE COLLEGE RAMPACHODAVARAM

(Affiliated to Adikavi Nannaya University)

Devipatnam Road, Rampachodavaram - 533288, Alluri Sitharama Raju Dist, A.P. INDIA

ISO9001 : 2015, ISO14001 : 2015, ISO50001 : 2018, Certified Organization

Accredited by NAAC with "B" Grade



REPORT ON THE WORKSHOP

Generative AI Tools, Deep Technology And Internet Of Things

Organized By : Department of Computer Applications
Government Degree College, Rampachodavaram

Date: 28th June 2025

Mode: Hybrid (Offline & Online)

Time: 10:00 AM to 4:00 PM

Introduction:

As per the directions of our esteemed Principal Dr. K. Vasudha, M.Sc., Ph.D., the Department of Computer Applications, Government Degree College, Rampachodavaram, successfully organized a One-Day Hybrid Workshop on AI Tools, Deep Technology & Quantum Computing on 28th June 2025. The aim of this workshop was to provide students with exposure to the latest advancements in Artificial Intelligence, Robotics, Block chain, Cybersecurity, which are transforming industries worldwide.

Workshop Highlights:

- ✓ Generative AI Tools
- ✓ Internet Of Things
- ✓ Applications of IOT
- ✓ Robotics
- ✓ Cybersecurity Awareness

Resource Persons:

1. A. Raghu Vara Prasad Reddy, M.Tech.
CEO, Tanvika Solutions, Hyderabad.
2. Prem Arvind, M.Tech.
Senior Software Developer, OTP Technologies

WORKSHOP BROCHURE

**GOVERNMENT DEGREE COLLEGE,
RAMPACHODAVARAM**

Organizes a One-Day Workshop on

AI TOOLS, DEEP TECHNOLOGY & QUANTUM COMPUTING

DATE- 28TH JUNE 2025 **TIME : 10AM – 4PM**

SESSIONS INCLUDE:

- Generative AI Tools
- Robotics, IoT & Blockchain
- Cybersecurity Awareness
- Quantum Computing Basics

Resource persons:

1. A Raghu Vara prasad Reddy, MTech.
CEO, Tanvika solutions, Hyderabad.
2. Prem Aravind, MTech
Senior software developer, OTP technologies

OPEN TO ALL UG STUDENTS

Registration Link:
<https://tinyurl.com/tvfdusf9>

ORGANIZED BY
**DEPARTMENT OF COMPUTER
APPLICATIONS**

PRINCIPAL
Dr.K.VASUDHA M.Sc.,PH.D

Session 1

Topic: Generative AI tools

The resource person, A. Raghu Vara Prasad Reddy, M.Tech.CEO, Tanvika Solutions, Hyderabad Conducted sessions on Generative AI Tools, Block chain Technology, and their real-world applications.

Emphasized the growing significance of AI in automation and problem-solving.

He gave the practical experience of using different AI tools such as

- ChatGpt
- Canva
- midjourney
- Lr
- Gemini
- DALL-E

Participation:

The workshop was open to all UG students, and it received overwhelming participation from students across various disciplines.

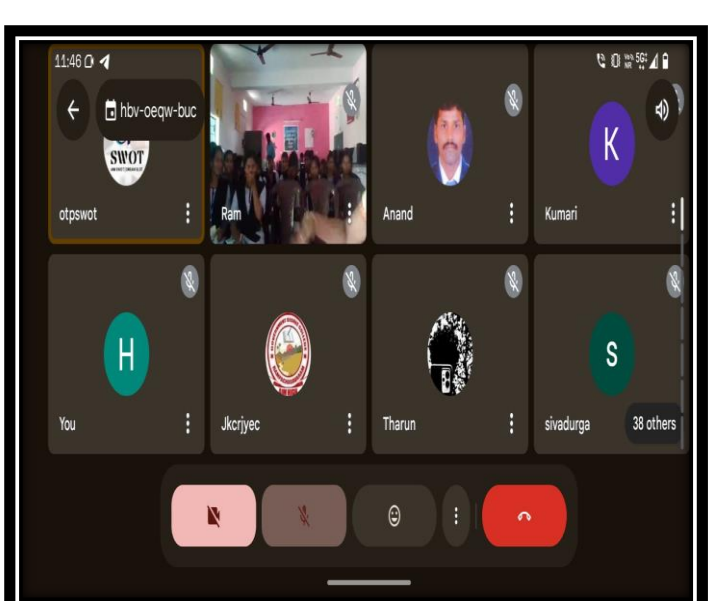
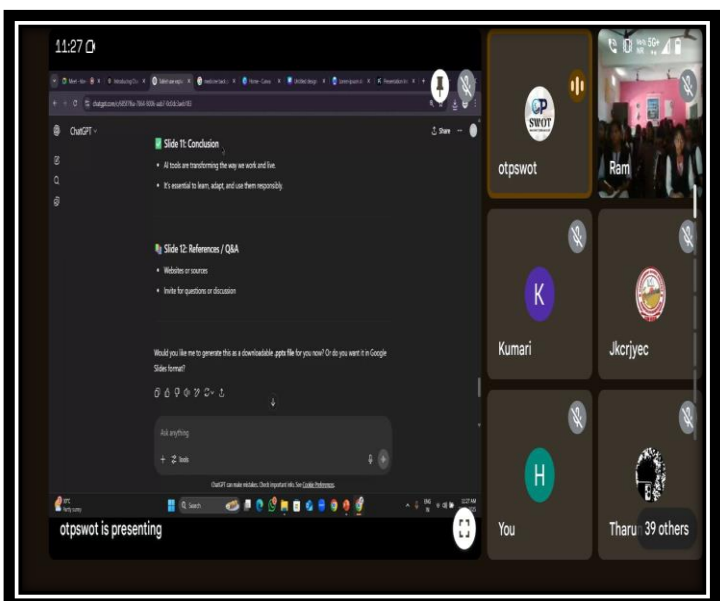
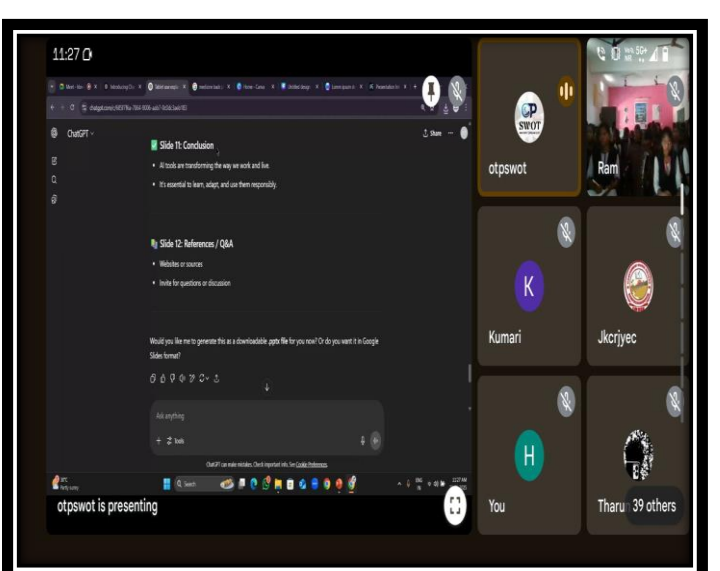
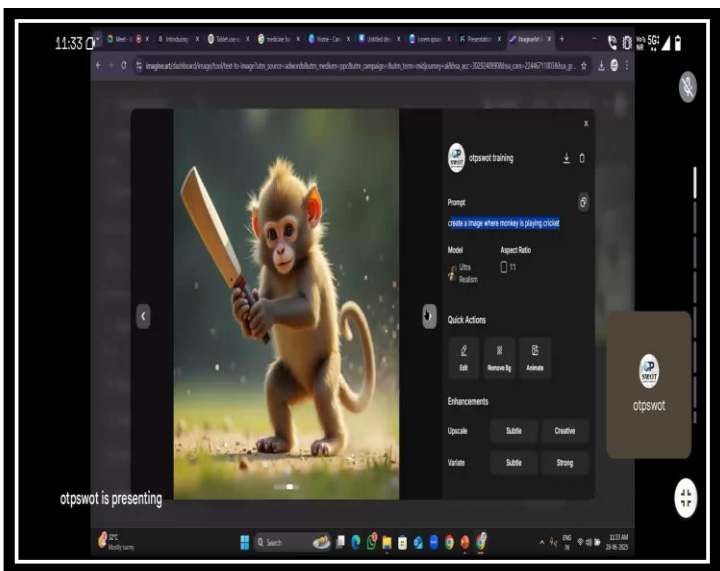
Total Participants: 60 students

Offline Attendees: Students from the college campus

Online Attendees: Students connected through the provided virtual platform

The hybrid mode ensured broader accessibility and participation from students who were unable to attend physically.

SESSION 1 PHOTOGRAPHS



SESSION 2










Topic: Internet Of Things (IOT) and Applications of IOT

The Resource person - Prem Arvind, M.Tech

Senior Software Developer, OTP Technologies. Conducted session on Internet Of Things and its applications

Real-Life Examples of IoT Applications:

The speaker presented practical examples that demonstrated how IoT technology is integrated into daily life, including:

-  **Smart Bulb:** Controlling lights via mobile phone
-   **Smart Health Band:** Monitoring heartbeat and steps through mobile apps
-  **Car GPS Tracker:** Real-time location tracking using mobile devices
-  **Smart Farming:** Automated irrigation based on soil moisture levels
-  **Smart Homes:** Use of thermostats and security cameras
-  **Healthcare:** Wearable health trackers for continuous monitoring
-  **Agriculture:** Smart irrigation for optimized water usage
-  **Smart Cities:** Integration of IoT for traffic management and waste management

Companies Working on IoT: The session also provided students insights into leading companies actively engaged in IoT development and innovation:

1. TCS
2. Tech Mahindra
3. Cyient
4. CtrlS Datacenters
5. Innominds
6. ValueLabs

Participation:

The workshop was open to all UG students, and it received overwhelming participation from students across various disciplines.

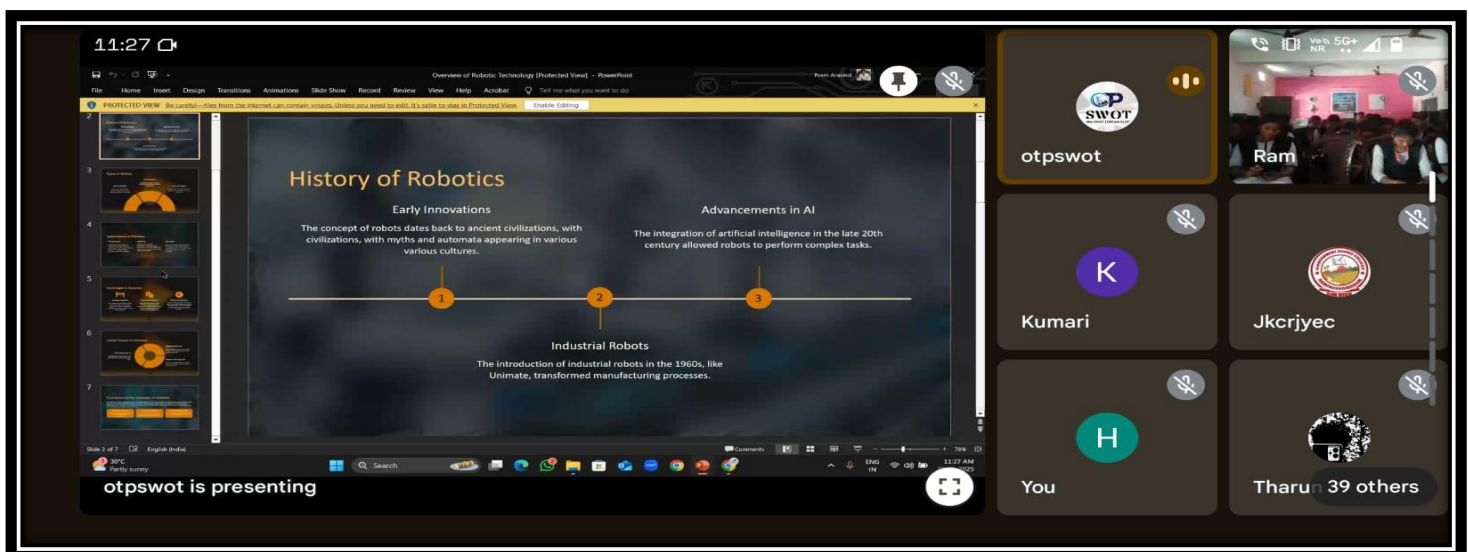
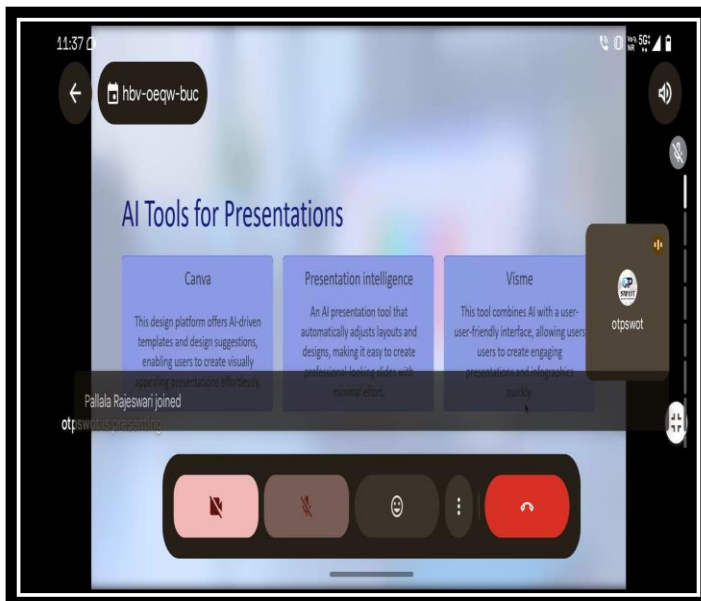
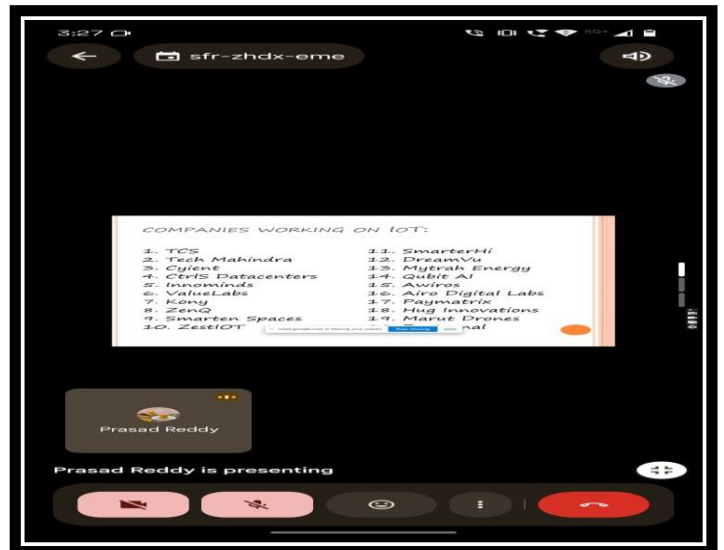
Total Participants: 60 students

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SESSION 2 PHOTOGRAPHS



OUTCOMES OF THE WORKSHOP

- ✦ Enhanced student understanding of cutting-edge AI technologies and their societal impact.
- ✦ Created awareness about cybersecurity best practices to stay safe online.
- ✦ Provided hands-on insights into Blockchain and IoT applications.
- ✦ Generated curiosity and basic conceptual understanding of Quantum Computing.
- ✦ Interactive Q&A sessions encouraged students to engage directly with industry experts.

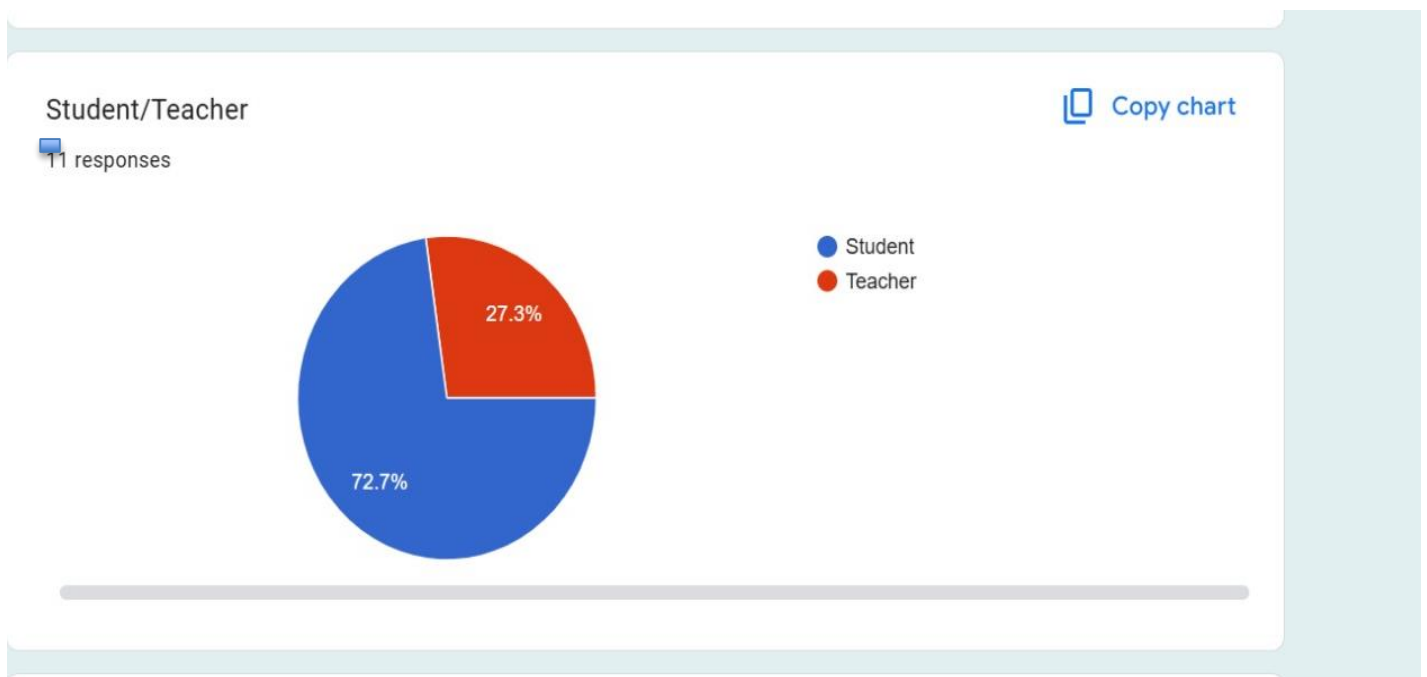
Feedback:

Feedback link:

https://docs.google.com/spreadsheets/d/1hxl2JGiN2lvhR0I_STjgdct_lxxAYzwlyja8wtq86is/edit?usp=sharing

Participants expressed satisfaction with the content delivery, quality of sessions, and relevance of topics. Many students expressed their interest in pursuing further knowledge in AI.

Feedback Analysis:



Conclusion:

The Department of Computer Applications extends sincere gratitude to the resource persons for sharing their expertise and to all students for their active participation. Special thanks to our respected Principal Dr. K. Vasudha, M.Sc., Ph.D. for her constant support and encouragement in organizing this workshop, which proved to be informative, engaging, and a stepping stone for students towards emerging technologies.

NEWS CLIPPINGS

ఈనాడు
epaper.eenadu.net

సాంకేతికతపై అవగాహన అవసరం

రంపచోడవరం, న్యూస్ టుడే: విద్యార్థులంతా ఆధునిక సాంకేతికతను అందిపుచ్చుకుని జీవితంలో స్థిరపడాలని స్థానిక డిగ్రీ కళాశాల



మాట్లాడుతున్న ప్రిన్సిపల్ వసుధ

ప్రిన్సిపల్ డాక్టర్ కె. వసుధ పేర్కొన్నారు. స్థానిక ప్రభుత్వ డిగ్రీ కళాశాలలో ప్రిన్సిపల్ ఆధ్వర్యంలో శనివారం 'జనరేటివ్ ఆర్టిఫిషియల్ ఇంటెలిజెన్స్ టూల్స్' అంశంపై విద్యార్థులకు ఏలూరు ఓటీపీ టెక్నాలజీ ప్రైవేట్ లిమిటెడ్ కు చెందిన సాఫ్ట్వేర్ ఇంజనీర్ ప్రేమ్ అరవింద్ వర్మషాపు నిర్వహించాడు.

ప్రిన్సిపల్ మాట్లాడుతూ ప్రస్తుత సమాజంలో సాంకేతిక పరిజ్ఞానం పొందడం తప్పనిసరి అన్నారు. ఇంటర్నెట్ ఆఫ్ థింగ్స్ అనే అంశంపై హైదరాబాదుకు చెందిన తన్విక సొల్యూషన్స్ సీఈవో రఘువరన్ ప్రసాద్ రెడ్డి అవగాహన కల్పించారు. అధ్యాపకురాలు శివకుమారి పాల్గొన్నారు.

విద్యార్థులకు అర్థమయ్యేరీతిలో బోధన

Date : 29/06/2025 EditionName : ANDHRA PRADESH(ALLURI SEETARAMARAJU)
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