

REPORT ON ONE-DAY HANDS-ON EXPERIENCE PROGRAM
Organized by IQAC, Government College (Autonomous), Rajahmundry
In collaboration with the Department of Computer Science

Title of the Program: Innovative Teaching Strategies Using AI

Date: 3rd May 2025

Duration: One Day

Venue: Tech Hub, Government College (Autonomous), Rajahmundry

Resource Persons: Dr. D. Suneel Kumar, Smt. U. Sandhya Rani, and Sri H. Deva Raju

Number of Participants: 30 Faculty Members

Introduction

The Internal Quality Assurance Cell (IQAC) of Government College (Autonomous), Rajahmundry, in collaboration with the Department of Computer Science, organized a **One-Day Hands-on Program on “Innovative Teaching Strategies Using AI”** on **3rd May 2025**. This program aimed to equip faculty members with practical knowledge of free AI tools that can be integrated into teaching to enhance productivity, creativity, and student engagement.

Program Proceedings

- The session opened with a welcome address emphasizing the role of AI in transforming higher education pedagogy.
- **Dr. D. Suneel Kumar** introduced AI concepts and demonstrated tools for preparing structured **teaching notes** and **curricular plans** such as **ChatGPT (Free Version)** and **Notion AI (Free plan)**.
- **Smt. U. Sandhya Rani** presented **PPT generation and video creation tools** like **Gamma App (free tier)**, **Canva Free**, **Lumen5**, and **Pictory AI**, showing how to design impactful instructional materials without advanced technical skills.
- **Sri H. Deva Raju** guided participants on **building simple LMS modules** using **Google Sites**, **MoodleCloud free plan**, and **Edmodo**, integrating AI-assisted content creation to automate course delivery.
- Participants engaged in **hands-on exercises**, drafting lesson plans, generating presentations, and experimenting with AI-powered video and LMS tools.
- The session concluded with an interactive Q&A, during which faculty clarified doubts about free vs. paid versions, data privacy, and classroom integration.

Key Takeaways for the Attendees

1. **Teaching Notes & Curricular Plans:** Using **ChatGPT** and **Notion AI** to quickly draft structured course content and weekly plans.
2. **PPT Generation:** Leveraging **Gamma App** and **Canva Free** to create professional slide decks with minimal effort.
3. **Video-Based Content:** Using **Lumen5** and **Pictory AI** to transform text-based lessons into short educational videos.
4. **LMS Creation:** Setting up basic course portals with **Google Sites**, **Edmodo**, or **Moodle Cloud** to host lessons, assignments, and assessments.
5. **Cost-Effective Digital Pedagogy:** Emphasis on **free tools** to ensure accessibility without financial burden.

6. **Blended Learning Readiness:** Integrating AI resources to support flipped classrooms, online assignments, and hybrid course delivery.

Feedback from Participants

- **Relevance:** Faculty appreciated the focus on freely available AI tools rather than expensive platforms.
- **Hands-on Exposure:** Participants valued creating real teaching materials during the session.
- **Resource Persons' Expertise:** The clarity, demonstrations, and step-by-step guidance were highly praised.
- **Adoption Readiness:** Attendees expressed confidence in immediately applying these AI tools to their own teaching practice.

Conclusion

The **One-Day Hands-on Program on “Innovative Teaching Strategies Using AI”** successfully introduced 30 faculty members to accessible AI tools that streamline teaching preparation, enhance classroom delivery, and support technology-enabled learning. The collaborative effort of IQAC and the Department of Computer Science ensured that participants left with actionable skills to enrich their pedagogical methods. Future sessions will focus on **advanced applications** and **case studies of AI adoption in higher education**.