



REPORT ON HANDS-ON TRAINING PROGRAMME ON IBM SKILLSBUILD

In Collaboration with APSSDC and Edunet Foundation

Date : 22 September 2026

1. INTRODUCTION

The **Department of Artificial Intelligence and Data Science, Aditya College of Engineering, Madanapalle**, in collaboration with **Andhra Pradesh State Skill Development Corporation (APSSDC)** and **Edunet Foundation**, successfully organized a **One-Day Hands-on Training Programme on IBM SkillsBuild** on **22 September 2026**.

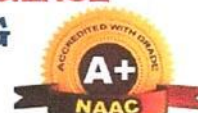
The programme was organized for **II Year students of Artificial Intelligence and Data Science, CSE (Artificial Intelligence), and CSE (Artificial Intelligence & Machine Learning)**. The training was designed to provide students with practical exposure to emerging technologies and industry-oriented digital skills, particularly **Artificial Intelligence, Cyber Security, Large Language Models (LLMs), and Cloud Computing**.

2. PROGRAMME OBJECTIVES

The major objectives of the programme were:

- To familiarize students with the **IBM SkillsBuild** digital learning platform.
- To enhance students' practical knowledge of **Artificial Intelligence and Generative AI**.
- To introduce students to the concepts and applications of **Large Language Models (LLMs)**.
- To create awareness of fundamental concepts in **Cyber Security**.
- To provide practical exposure to **Cloud Computing and IBM Cloud**.
- To develop students' programming, debugging, and problem-solving skills.
- To encourage students to pursue **industry-recognized certifications**.
- To bridge the gap between academic learning and current industry requirements.





3. PROGRAMME DETAILS

Particular	Details
Programme	One-Day Hands-on Training Programme on IBM SkillsBuild
Date	22 September 2026
Organized by	Department of Artificial Intelligence and Data Science, Aditya College of Engineering, Madanapalle
In Collaboration with	APSSDC and Edunet Foundation
Target Group	II Year AI & DS, CSE (AI), and CSE (AI & ML)
Students Registered	150
Students Attended	150
Students Completed Certifications	138
Participation Rate	100%
Certification Completion Rate	92%

4. TRAINING SESSIONS

The programme consisted of an orientation to the **IBM SkillsBuild** platform followed by hands-on learning activities in emerging technology domains.

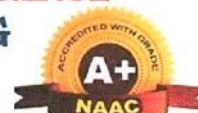
Students were introduced to various learning resources covering areas such as:

- Artificial Intelligence
- Generative Artificial Intelligence
- Large Language Models
- Cyber Security
- Cloud Computing
- AI-assisted programming and troubleshooting

A major practical component of the programme was the session on **“Troubleshoot Your Code Using IBM Bob.”**

The practical session enabled students to explore how AI-powered tools can assist programmers in identifying coding issues, understanding errors, and improving their problem-solving approach. Students actively participated in the practical exercises and gained first-hand experience with AI-assisted programming workflows.





5. IBM SKILLSBUILD CERTIFICATIONS

An important outcome of the programme was the successful completion of IBM SkillsBuild certification-oriented courses by a significant number of participating students.

Out of the **150 students who attended the programme, 138 students successfully completed the prescribed certification activities**, representing a **92% certification completion rate**.

The students accessed the learning and certification activities through the **IBM SkillsBuild and IBM Cloud environment**, gaining exposure to structured industry-oriented digital learning resources.

The certifications are expected to help students strengthen their technical profiles and demonstrate their learning in emerging technology domains.

6. STUDENT PARTICIPATION

The programme witnessed excellent student participation, with **all 150 registered students attending the training programme**.

Participation Summary

• Students Registered	: 150
• Students Attended	: 150
• Attendance	: 100%
• Students Completing Certifications	: 138
• Certification Completion	: 92%
• Students Yet to Complete Certification	: 12

The high attendance and certification completion rate demonstrate the students' enthusiasm and active engagement with the programme.

7. LEARNING OUTCOMES

Upon completion of the programme, students gained:

1. Awareness of the **IBM SkillsBuild** learning ecosystem.
2. Practical exposure to **Artificial Intelligence and Generative AI**.
3. Basic understanding of **Large Language Models and their applications**.





4. Awareness of fundamental **Cyber Security** concepts.
5. Exposure to **Cloud Computing and IBM Cloud**.
6. Practical experience in **AI-assisted code troubleshooting**.
7. Improved understanding of programming error identification and debugging.
8. Experience with industry-oriented digital learning resources.
9. An opportunity to earn **IBM SkillsBuild certifications**.
10. Motivation to pursue continuous learning and upskilling in emerging technologies.

8. PROGRAMME OUTCOMES

The training programme effectively contributed to enhancing students' **technical skills, digital competencies, and industry readiness**. The hands-on session on "**Troubleshoot Your Code Using IBM Bob**" enabled students to understand the practical application of AI in software development and programming.

The collaboration with **APSSDC and Edunet Foundation** provided students with access to structured learning resources and industry-oriented technology programmes.

The achievement of **138 certifications out of 150 participants** reflects strong student engagement and successful adoption of the IBM SkillsBuild learning pathway.

9. OVERALL IMPACT

The programme served as an effective platform for connecting **academic learning with emerging industry technologies**. Students were given an opportunity to explore current technology trends and develop practical skills beyond the conventional classroom curriculum.

The exposure to **AI, Generative AI, LLMs, Cyber Security, Cloud Computing, and AI-assisted programming** is expected to contribute to students' preparedness for internships, projects, placements, higher education, and future technology-driven careers.

10. CONCLUSION

The **One-Day Hands-on Training Programme on IBM SkillsBuild**, conducted on **22 September 2026**, was successfully completed with enthusiastic participation from students of **II Year AI & DS, CSE (AI), and CSE (AI & ML)**.





DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ADITYA COLLEGE OF ENGINEERING

(UGC-Autonomous Institution)

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Madanapalle -517325, Chittoor Dist., A.P.

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A total of **150 students registered** and **all 150 students attended** the programme, achieving **100% attendance**. Further, **138 students completed** the certification activities, resulting in a **92% certification completion rate**.

The programme successfully provided students with practical exposure to emerging technologies and AI-enabled tools, particularly through the hands-on session **"Troubleshoot Your Code Using IBM Bob."**

The Department of Artificial Intelligence and Data Science sincerely acknowledges the support and cooperation of the **Management and Administration of Aditya College of Engineering, APSSDC, Edunet Foundation, IBM SkillsBuild, faculty coordinators, and student participants** in making the programme successful.

COORDINATOR
Head of the Department
Department of AI & DS
Aditya College of Engineering
MADANAPALLE - 517 325

PRINCIPAL
Principal
Aditya College of Engineering
Madanapalle - 517325





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PHOTOGRAPHS OF THE PROGRAMME



Dr. Rayudu Peyyala, Principal honouring the Resource Person Mr. Narendra Kumar





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Addressing the participants by Dr. R. MD. Shafi, Coordinator



Addressing the participants by Dr. Rayudu Peyyala, Principal





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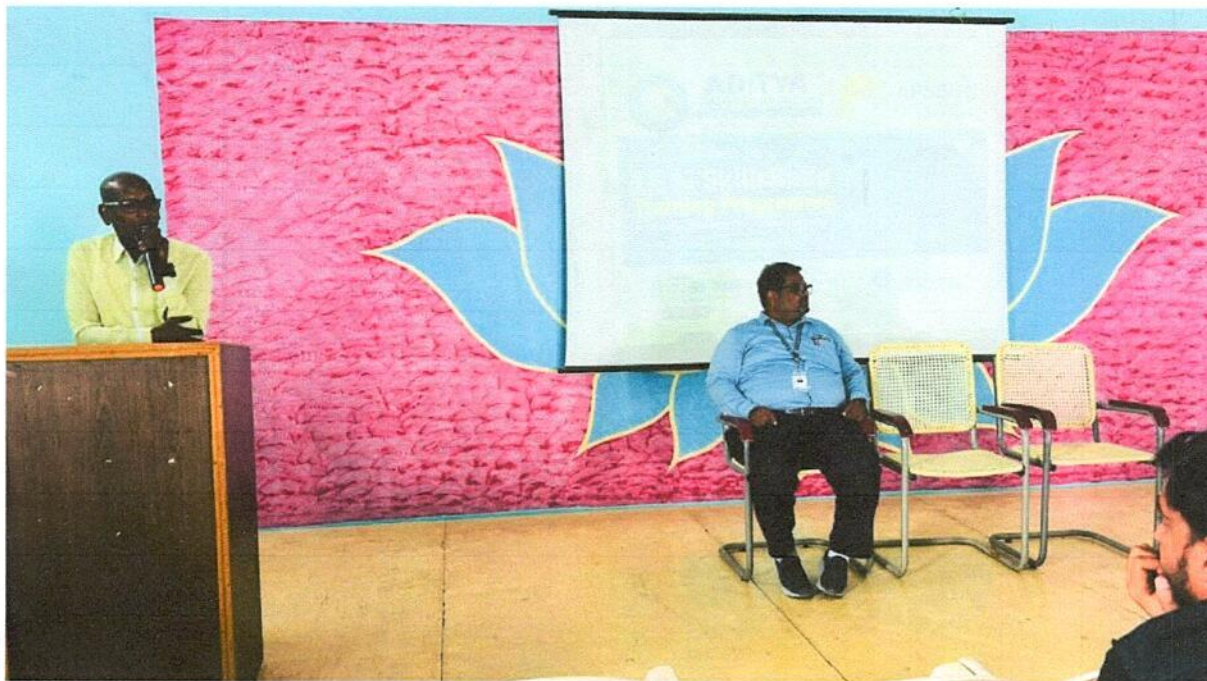
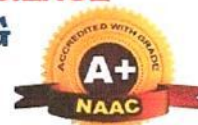
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Addressing the participants by Mr. Narendra Kumar, Resource Person



Participation of Students in the Training Programme





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Interaction of the Resource Person with Students

