



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



30 July 2026

Report of Workshop on “AI & Data Science Foundations, Machine Learning Fundamentals, Generative AI, Advanced AI & AI Engineering” for all II B Tech CSE, CSM, ECE, EEE & IT students from 14 July 2026 to 29 July 2026.

As a part of MOU made with M/s Magic Bus Foundation & IBM Skills Build, BRECW is organized a Three-day workshop on “AI & Data Science Foundations, Machine Learning Fundamentals, Generative AI, Advanced AI & AI Engineering” for II B Tech students. The workshop was scheduled from 09:30 to 16:30 Hrs. The theory part and hands-on sessions conducted in West Block Seminar Hall-2 (WB 402). This workshop aimed to introduce participants to foundational concepts in artificial intelligence (AI) and provide hands-on experience with current AI tools and platforms, equipping students with valuable skills for the evolving job market. The session witnessed enthusiastic participation from 72 registered II year CSM students, who actively engaged in both theoretical and practical learning. The workshop was conducted by Mr V Shashank reddy AI & Data Science Trainer, Mr Kedar Mahamuri, Mr Rauth Mahender, Profiling and Mobilization Officer M/s Magic Bus Foundation & IBM Skillsbuild. under Internal Quality Assurance Cell (IQAC).

From this workshop, the students will get free access to IBM Skill Build Portal, IBM Certificate on completion of this classroom & self-study online course, IBM Mentorship, Enrolment to IBM Placement services as additional benefi

Banner:



Bhoj Reddy Engineering College for Women

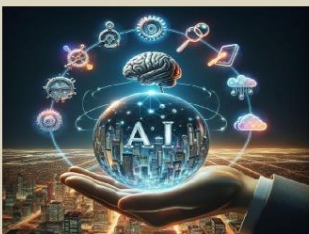
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Organizing Three-Day Workshop

“AI&Data Science Foundations, Machine Learning Fundamentals, Generative AI &AI Engineering”

In Collaboration with IBM SkillsBuild and Magic Bus India Foundation

Under Internal Quality Assurance Cell



Time: 09.30-16.30 Hrs

Schedule	
II B Tech IT	14-16 July 2026
II B Tech EEE, ECE	20-22 July 2026
II B Tech CSE, CSM	27-29 July 2026

Venue
Seminar Hall, WB-402



Instagram (brecw_hyderabad)
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No Registration Fee

Figure 1: banner

Circular:



Bhoj Reddy Engineering College for Women
(Sponsored by Sangam Lakshmi Vidyapeeth, Approved by AKTE and Affiliated to JNEUH)
Accredited by NAAC with A Grade, Recognized under section 2(f) of the UGC act, 1956
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File No BRECW/PO/Workshop/AY 2025-27/02

Date: 07/07/2025

Circular

As a part of the MoU made with M/s Magic Bus Foundation & IBM Skills Build, Bhoj Reddy Engineering College for Women is planning to host a Three-Day Workshop on "AI & Data Science Foundations, Machine Learning Fundamentals, Generative AI, Advanced AI & AI Engineering" for all II B Tech students, In Collaboration with IQAC. The workshop is designed to provide students with both theoretical knowledge and hands-on experience in Artificial Intelligence, Machine Learning, Generative AI and AI Engineering. The sessions aim to enhance students' understanding of AI concepts, machine learning techniques, generative AI applications and advanced AI engineering practices, enabling them to develop industry-relevant skills aligned with emerging technology trends.

The schedule of the workshop is as follows:

S No	Class	Date and Time (Hrs)	Venue
1	2	3	4
1	II BTech IT A & B	14, 15 & 16 July 2025 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)
2	II BTech EEE, ECE A & B	20, 21 & 22 July 2026 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)
3	II BTech CSE A & B, CSM	27, 28 & 29 July 2026 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)

All students are requested to attend the workshop without fail and make the best use of this learning opportunity.

Note:

1. Faculty handling II B Tech classes are requested to mark attendance as per the timetable.
2. All teaching and non-teaching faculty members who do not have classwork are requested to attend the workshop.

To,
All HoDs/HoFs for circulation among the students and staff members.
Copy to
1. Chief Operating Officer, SLV
2. Director-HR & Academics, SLV
3. Vice Principal, BRECW
4. IQAC Coordinator
5. Seminar & Workshop Coordinator
6. Maintenance Officer, BRECW
7. System Admin
8 Security Supervisor


Dr G Shyama Chandra Prasad
Principal
PRINCIPAL
Bhoj Reddy Engineering College for Women
Vinsaynagar, Saranagar Cross Road,
Hyderabad-500 059, Telangana

Invitation:

Schedule:

S No	Class	Date and Time (Hrs)	Venue
1	2	3	4
1	II BTech IT A & B	14-16 July 2026 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)
2	II BTech EEE, ECE A & B students	20-22 July 2026 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)
3	II BTech CSE A & B, CSM	27-29 July 2026 09:30 – 16:30 Hrs	Theory & Hands-on session at Seminar Hall (WB 402)

Short break: During 11:15 – 11:30 Hrs and 15:00 – 15:15 Hrs

Lunch break: During 12:30 – 13:30 Hrs

Inauguration session was attended by CSM HoD Mr Dr M Seshu Bhavani, Workshop in-charge Mrs Dr K Ashok Kumar, CSM staff and II CSM students. The venue was Seminar Hall (WB 402).





Fig2,3,: During the Inaugural Session on 27 July 2026



Fig,4: During the Theory and Hands-On Session on 27 July 2026



Fig5: During the Theory and Hands-On Session on 28 July 2026



Fig6: During the Theory and Hands-On Session on 29 July 2026



Fig7: Students giving their feedback about Workshop on 29 July 2026



Fig,8: During the Valedictory Session on 29 July 2026

The workshop was divided into several modules covering fundamental and advanced topics in AI. The event was scheduled to run from 09:30 to 16:30 Hrs, allowing ample time for both conceptual understanding and practical application.

The following modules were covered in the workshop:

1. Introduction to AI

The session began with an introductory lecture on artificial intelligence, explaining its core concepts, history, and its importance in the modern technological landscape. The speaker highlighted AI's applications across various industries, including electrical engineering, healthcare, and finance.

2. Natural Language Processing (NLP) and Computer Vision

The second module focused on NLP and computer vision, two of the most prominent areas in AI. Students learned how machines interpret human language and recognize visual information. The practical implications of these technologies, such as automated customer service and surveillance systems, were discussed, demonstrating their relevance in real-world applications.

3. Machine Learning and Deep Learning

This module provided an overview of machine learning and deep learning, explaining the difference between the two and how each approach solves different kinds of problems. Students were introduced to supervised, unsupervised, and reinforcement learning methods. Hands-on examples illustrated how neural networks work and their applications in predictive analytics and automation.

4. Running AI Models with IBM Watson Studio

In this hands-on session, students had the opportunity to work with IBM Watson Studio, a cloud-based platform for AI development. The instructor guided them through building and deploying AI models, demonstrating Watson's capabilities for tasks like image classification and sentiment analysis. This experience provided students with practical skills and familiarity with industry-standard AI tools.

5. AI Ethics

AI's impact on society and its ethical implications were addressed in this module. The speaker emphasized the importance of responsible AI development, touching on privacy concerns, bias, and fairness in AI applications. Students were encouraged to think critically about ethical dilemmas they may encounter in future AI-related roles.

6. Your Future in AI: The Job Landscape

The final session covered the rapidly growing job market in AI. The speaker discussed career paths, in-demand skills, and the future of AI in various industries. Students received guidance on building a career in AI, including potential roles in research, software development, and data analysis.

Bhoj Reddy Engineering College for Women remains committed to organizing such workshops, fostering a learning environment that prepares students for the challenges and opportunities presented by emerging technologies. The college expresses its sincere appreciation to Mr V Shashank Reddy , M/s Magic Bus Foundation & IBM Skillsbuild) and the distinguished resource persons for their invaluable contributions to the success of the workshop.

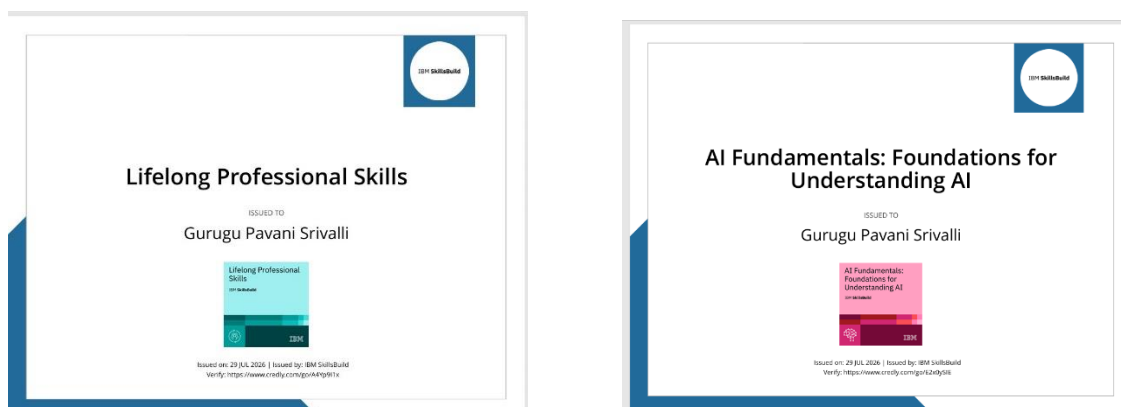


Figure 9: sample Certificate

Sample Feedback Form:

The Feedback from the students was collected. Total 139 students provided the feedback. Overall feedback of the workshop is Excellent and active participation of students during the workshop was notable, and students were engaged throughout the session. Student's thoughtful questions and insightful comments added a lot of value to the overall discussion. We could tell that students have a good grasp of the subject matter as the workshop was informative and enlightening. In future, we can encourage students to continue attending such events and to keep learning and growing in their field of interest



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Department of Computer Science and Engineering (AI&ML) THREE DAY WORKSHOP FEEDBACK FORM

Topic: "AI & Data Science Foundations, Machine Learning Fundamentals,
Generative AI, Advanced AI & AI Engineering"

Dates: 27-29 July 2026

Conducted in collaboration with M/s Magic Bus Foundation&IBM Skill Build.

(Rate the feedback with tick mark)

S.No	Particulars	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	The sessions were well-structured and easy to follow	✓				
2	The workshop covered a comprehensive range of concepts	✓				
3	Hands-on activities and practical demonstrations helpful in understanding the concepts		✓			
4	The workshop provide insights into the current industry practices	✓				
5	This workshop will be helpful for developing my Mini / Major projects	✓				
6	Suggestions for improvement of the workshop in future:	Knowledge gain workshop, requesting to conduct more workshops				

Fig10: Feedback Sample

The workshop provided students with a solid foundation in AI fundamentals and practical skills essential for today's workforce. The combination of theory and hands-on practice helped students better grasp complex AI concepts and increased their confidence in applying these skills. The participants expressed positive feedback, appreciating the instructor's engaging approach and the opportunity to use IBM Watson Studio. Overall feedback of the workshop is Excellent and active participation of students during the workshop was notable, and students were engaged throughout the session. Student's thoughtful questions and insightful comments added a lot of value to the overall discussion. We could tell that students have a good grasp of the subject matter as the workshop was informative and enlightening. In future, we can encourage students to continue attending such events and to keep learning and growing in their field of interest.

Dr K Ashok Kumar, Seminars and Workshops In-charge faculty expressed her sincere gratitude for allowing CSM department to conduct a workshop at BRECW. She appreciated the support that management gave and said it was informative session. Once again, she said thank you for allowing them to contribute to the learning and development of their students and the session was concluded by the vote of thanks by Pujitha student of II CSM



Dr K Ashok Kumar
Seminars and Workshops
In Charge



Dr M Seshu Bhavani
HOD - CSM



Principal
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