

Report On Value Added Course on "Applied Machine Learning and Deep Learning with Python" Organized by Department of Computer Application in association with IUCAT for the Students from all branches

1 message

Communication Cell IUL <communications@iul.ac.in>
Bcc: cafc@iul.ac.in

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Applied Machine Learning & Deep Learning With Python (CAV-25-01)

Training Program Organized By
Department of Computer Application
in Association with
**Integral University Centre for AI Research &
Education, Integral University Lucknow**

Start Date: 2 April 2026 | End Date: 2 May 2026

COURSE OVERVIEW

This is a 30-hour value-added certification program on **Applied Machine Learning and Deep Learning using Python (CVA-25-01)**. The training program was organized by the Department of Computer Application in Association with IUCARE (Integral University Center for AI Research & Education) under the able guidance of **Prof. (Dr.) Mohammad Faisal**, Head, Department of Computer Application, Integral University, Lucknow. The entire training sessions of the batch were successfully delivered by **Dr. Mirza**

Ghazanfar Beg, Assistant Professor and IUCARE Coordinator and **Mr. Rizwan Akhtar**, Assistant Professor, Department of Computer Application, Integral University, Lucknow. A total of **250 students** successfully completed the course and received an e-Certificate. The e-Certificate was awarded based on student's attendance, assignments submission, and Quiz completion.

ABOUT IUCARE (Integral University Centre for AI Research & Education)

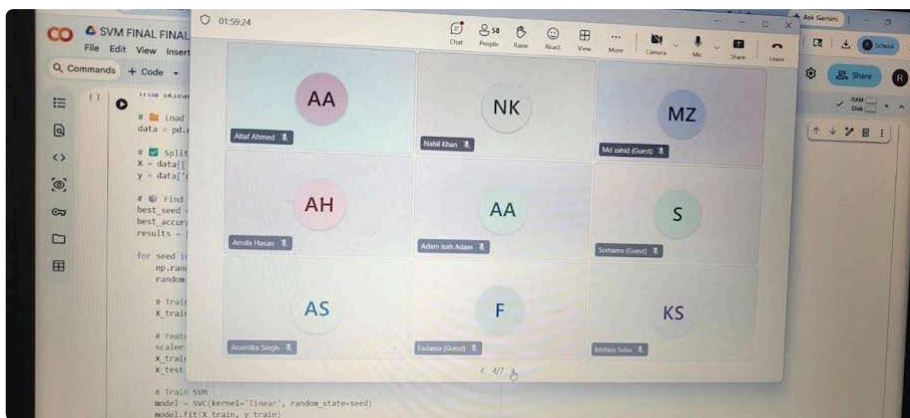
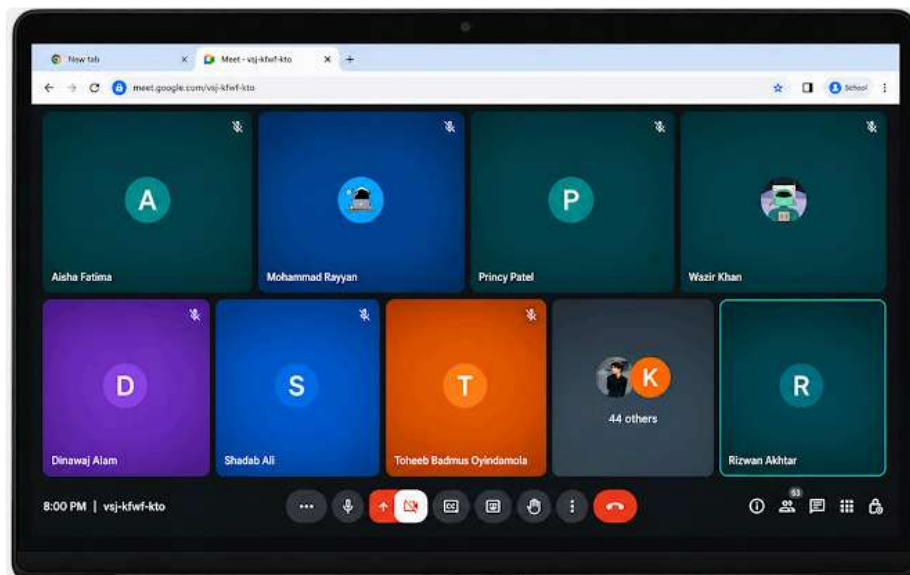
IUCARE aims to provide professional education in programming, project management, design, accounting and emerging technologies. The centre focuses & promotes interdisciplinary research, technological innovation, and collaborative projects in emerging Artificial Intelligence domains.

IUCARE works as an advanced training center of Integral University and serves as the Research & Innovation hub of AI@Integral Initiative. IUCARE provides a platform where faculty members, researchers, and students work together to develop AI-driven solutions addressing real-world challenges.

PROGRAM DETAILS

- **Course Duration:** 30 Hours
- **Training Mode:** Hybrid (Online + Offline)
- **Course Period:** 2 April 2026 – 2 May 2026
- **Registration Fee:** Free
- **Eligibility:** Basic Python Programming and Fundamental Mathematics
- **Course Material:** Study material, tools, quizzes
- **Certificate:** e-Certificate based on minimum 75% attendance and online test performance

LIVE TRAINING SESSION



CERTIFICATE OF COMPLETION



OBJECTIVES

- Understand ML and DL fundamentals.
- Develop Python-based ML models.
- Apply supervised/unsupervised algorithms.
- Understand neural networks & deep learning.
- Gain hands-on coding experience via exercises.
- Prepare students for academic/industry projects.

EXPECTED OUTCOMES

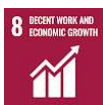
- Strong foundation in AI, ML and Deep Learning.
- Practical Python programming skills for AI applications.
- Improved problem-solving and analytical abilities.
- Exposure to industry-oriented tools and workflows.
- Certificate validating successful completion.

CONCLUSION

The program offers an excellent opportunity for students from all branches to gain practical exposure to Artificial Intelligence. The course helps students to get exposed to the industry and to acquire adequate technical knowledge. This training course results in better employment opportunities for students and helps them to acquire better analytical as well as practical approaches.

SDG MAPPING

This training is aligned with the United Nations Sustainable Development Goals, specifically SDG 4, SDG 8, SDG 9 & SDG 17.



MENTOR

Prof. (Dr.) Mohammad Faisal

Head, Department of Computer Application,
and Coordinator AI@Integral Initiative,
Integral University, Lucknow.

COORDINATOR

Dr. Mirza Ghazanfar Beg

Assistant Professor and Coordinator IUCARE,
Integral University, Lucknow. www.iul.ca.in/iucare
Mobile: +91-9569952693 | Email: iucare@iul.ac.in

Dr. Mohammad Faisal
Professor & Head
Department of Computer Application
Provost, Integral Hostel

9984 17 1083

<https://tinyurl.com/MD7FAISAL>

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