# Welcome to

# AI FOR ALL

An initiative by
**SWAYAM Plus** and
**IIT Madras Pravartak**
to make Artificial
Intelligence accessible
and relevant to
everyone

*We are glad to have you
join us on this exciting
learning journey!*

https://swayam-plus-lms.iitmpravartak.org.in/

# Courses Offered

## ✓ AI/ML using Python

Covers AI/ML fundamentals, Python programming, data visualization, and key concepts in linear algebra, statistics, and optimization.

## ✓ Cricket Analytics with AI (HOWZAAT Cricket Analytics)

Covers the basics of sports analytics, programming, and data science. It includes data visualization and real-life cricket applications through case studies.

## ✓ AI in Physics

Bridges experimental physics and AI, teaching students to use machine learning and neural networks to solve physics problems through interactive sessions, practical applications, and hands-on labs.

## ✓ AI in Chemistry

Introduces undergraduates to AI in chemistry, teaching Python for predicting molecular properties, drug design, reaction modeling, and more through theory and interactive labs.

## ✓ AI in Accounting

Introduces commerce and management students to AI, exploring its integration with accounting principles. Learn Python for accounting techniques through theory, real-world datasets, and interactive labs.

# Course essentials

✓ **Mode of Learning**
- 100% Online (Courses can be accessed on Laptop/desktop/Mobile)
- Self-paced with flexible schedule

✓ **Eligibility**
- Open to all students: Arts, Science, Commerce, Engineering, and Interdisciplinary backgrounds
- No prior coding experience required (for beginner courses)

✓ **Language of Instruction**
- English

✓ **Certification**
- Credit-Eligible under National Credit Framework (NCrF)
- Certificate awarded upon successful course completion and assessments

✓ **Duration**
- 25 to 45 hours (depending on the course)

✓ **Learning Materials**
- Expert-led video lectures
- Interactive quizzes and assignments
- Real-world case studies and examples
- Hands-on projects and exercises

✓ **Assessment**
- Periodic quizzes and assignments
- Final assessment for certification eligibility

# Frequently Asked Questions (FAQs)

✓ **When does the course start?**

The course will be accessible from 10:00 AM on 15th May 2025 (Thursday).

✓ **How long is the course?**

The course is self-paced, but all modules must be completed before the deadlines mentioned on the LMS to be eligible for assessments and certification.

✓ **Where can I access the course?**

You can log in using your credentials at https://swayam-plus-lms.iitmpravartak.org.in/

✓ **I didn't receive my login credentials. What should I do?**

Please check your spam or junk folder. If you still can't find them, contact us at swayamplus@iitmpravartak.net

✓ **What will I learn in this course?**

You will be introduced to the fundamentals of Artificial Intelligence, its practical applications, and its impact across sectors.

✓ **Are there any prerequisites for this course?**

No prior experience in AI or technical background is required. The course is open to learners from all fields.

# Frequently Asked Questions (FAQs)

✅ **How is the course structured?**

The course offers videos, readings, quizzes, and mandatory end-of-module assignments on the LMS, required to unlock the next module.

✅ **Will there be any assessments?**

Yes, an assessment will be conducted at the end of the course.

✅ **Is the assessment free?**

No, the assessment is optional and comes with a nominal fee. Details on the fee and application process will be communicated through the LMS.

✅ **Will I get a certificate?**

Yes, learners who complete the course and successfully clear the paid assessment will receive a certificate of completion from SWAYAM Plus and IIT Madras Pravartak.

✅ **Whom can I contact for support?**

For any queries or technical issues, you can reach out to us at swayamplus@iitmpravartak.net

# Ready to Begin?

**Your AI learning experience starts here**

**Log in using your credentials and dive into your course at**

🌐 https://swayam-plus-lms.iitmpravartak.org.in/

# START LEARNING NOW!