

About the Course

Artificial intelligence (AI) and machine learning (ML) have been transforming several facets of our lives. Materials engineering is no exception. From efficient discovery of new materials to mining new structure-property-processing relations from large amount of data, AI/ML workflows are now being integrated into the day-to-day activities of a materials engineer. For the benefit of practicing engineers/students across all engineering domains, IIM Kalpakkam and IIM Chennai chapters are organizing a two-day course on “Artificial Intelligence in Materials Engineering” at Hotel Radha Regent, Chennai, during 19–20th April, 2024. The course provides a concise and thorough understanding of various facets of AI/ML being applied in materials research across R&D and industrial sectors.

Who should attend?

Engineers / Researchers from industries, R&D and plants, faculty, research scholars/students from academic institutions, and those who would like to have a first hand exposure to machine learning techniques, particularly used for materials design, optimization and materials processing, will benefit by attending this course.

Topics to be covered

Renowned experts from academic institutions, national labs and industries have accepted to deliver the lectures covering the following broad areas.

- Introduction to AI/ML for materials engineers
- AI/ML for alloy design, welding & heat treatment
- AI/ML in iron and steel making industry
- AI-based workflows for material design and efficient testing
- Microstructure design using deep learning
- ML based simulation of materials & corrosion
- Data-driven design of biomedical composites

Registration Fee

Rs. 6,500/- (Industry)
Rs. 6,000/- (Academia, R&D, IIM Members)
Rs. 5,000/- (Research scholars)
Rs. 4,000/- (UG and PG Students)
(18% GST is included in the registration fee)
GSTIN/UIN: 33AAATT3959DIZP

Last Date of Registration: 10th April, 2024

Sponsorship:

Companies are requested to sponsor this Workshop. The following are the various sponsorship options (including GST)

Type	Amount	Benefits
Gold	50,000	4 delegates free for the Course & One banner at the venue
Silver	30,000	2 delegates free for the Course & One banner at the venue
Lunch	30,000	2 delegates free for the Course & One banner at the venue
Kitbag	25,000	One banner at the venue
Hi-Tea	25,000	One banner at the venue

The contents of the banner should be sent along with the registration form and Cheque/ DD in favor of “IIM HRDC” payable at SBI, IIT Chennai OR through NEFT transfer to SBI Account, Chennai (A/c Name: IIM HRDC, A/c. No: 30320881571, IFS code: SBIN0001055] OR through UPI given in the brochure on or before 12th April, 2024.

About IIM, IIM-HRDC: <https://www.iim-india.net>
<http://www.iim-kalpakkam.in>

Course on

Artificial Intelligence in Materials Engineering (AIME – 2024)

April 26-27, 2024
Hotel Radha Regent, Chennai

Coordinators
Dr. Satyesh Yadav, IIT Madras
Dr. Rohit Batra, IIT Madras
Dr. G.V. Prasad Reddy, IGCAR

Chair and Co-Chair
Prof. M. Kamaraj, IIT Madras (Chairman)
Dr. M. Vasudevan, IGCAR Kalpakkam (Co-Chair)

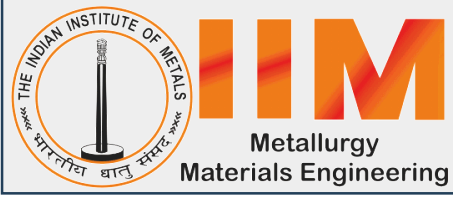
Organized by
IIM-Human Resources Development Centre
(Kalpakkam-Chennai)
IIM Kalpakkam and IIM Chennai Chapters



IIM
Metallurgy
Materials Engineering

How to Register/Sponsor:

Please fill in the enclosed registration form and email us the same to the following id:
iim.aime2024@gmail.com



Course on
“Artificial Intelligence in Materials Engineering”
AIME - 2024, April 26-27, 2024

Registration Form

To

Prof. M. Kamaraj, Chairman AIME-2024
E.G. Ramachandran Institute Chair
Dept. of Metallurgical & Materials Engineering
IIT Madras, Chennai 600 036 INDIA

Sir,

Name:

Designation:

Company/Institution:

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Address:

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Contact No.:

Email:

1. We would like to register as a delegate

2. We would like to be a sponsor for the Course

Gold sponsor Silver sponsor Hi-tea sponsor Lunch sponsor Kit bag sponsor

Payment Mode: We enclose payment for Rs. _____ dated _____, through

Cheque/DD No. _____ drawn on _____ (bankers name), payable at SBI, IIT Madras

NEFT Transfer. Transaction details _____

UPI given in this registration form. Transaction details _____

Signature _____

A/C Name: IIM HRDC (IFSC: SBIN001055)
A/C No.: 30320881571
UPI ID: 30320881571@sbi
SBI, IIT Madras

Note: Please email us the Registration form to the email-id: iim.aime2024@gmail.com