

ABOUT INSTITUTE

Established by the legendary Khalsa College Charitable Society in 2009, the college has rapidly grown to become the institution of choice for students in Amritsar. A beautiful college building, a cutting-edge fully automated library and laboratories equipped with cutting-edge recent software, instruments, and machines can all be found on the college's 17-acre campus, which is located in the affluent community of Ranjit Avenue. Latest addition to our already existing state-of-the-art infrastructure is the establishment of The AWaDH CPS (Cyber-Physical Systems) Lab in collaboration with IIT Ropar, Virtual Lab Nodal Centre in collaboration with IIT Roorkee, AICTE sponsored IDEA lab, setting up of Centre of Excellence by Aditya Birla-Ultra Tech Cement in the Civil Department of the college and our linkage with L&T and Central Institute of Petro Chemical Engineering for up grading industry-related courses.

About Faculty Development Program (FDP)

One week Faculty Development Program on ***“Unlock the Power of AI metaphors & Computational Intelligence”*** will going to become a platform for all those academicians & faculty members who wants to enhance their technical skills in the same. The main focus of this one-week FDP is to fostering the research and innovative skills of faculties which would be become ultimate support to young students also.

PATRON

Sr. Rajinder Mohan Singh Chhina

Honorary Secretary,
Khalsa College Governing Council,
Amritsar

CONVENOR

Dr. Manju Bala

Director,
Khalsa College of Engineering &
Technology, Amritsar

COORDINATOR(S)

Dr. Maneet Kaur, Assistant Professor,
Dept. of CSE, KCET Amritsar
Dr. Jasleen Kaur, Associate Professor
HOD (CSE), KCET Amritsar

CO-COORDINATOR(S)

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Dean Academics, KCET Amritsar
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ORAGANIZING COMMITTEE MEMBERS

Dr. Supreet Kaur, Assoc. Prof (CSE)
Dr. Sawinder Kaur, Assoc. Prof
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Er. Neha, AP(CSE)
Er. Baljinder Singh, AP (CSE)
Ms. Parneet Kaur, AP (MCA)



“Unlock the Power of AI Metaphors & Computational Intelligence”

Hybrid mode

4th – 8th AUGUST, 2025

Organized

by

Khalsa College of Engineering & Technology

(Governed by Khalsa College Charitable Society)

in

Technical collaboration

with

IKG Punjab Technical University

Jalandhar, Punjab



One Week Faculty Development Program

Venue

Khalsa College of Engineering & Technology

(Accredited NAAC Grade “A”)

C-Block Ranjit Avenue Amritsar 143001 Punjab India

Website: www.kcet.ac.in

INVITATION

Department of Computer Science & Engineering of Khalsa College of Engineering and Technology, Amritsar is inviting academicians, research scholars & faculties to attend One week Faculty Development Program on Unlock the Power of AI Metaphors & Computational Intelligence from Aug 4th – Aug 8th, 2025.

OBJECTIVES OF FDP

- This one-week FDP aims to bridge the gap between the academicians and industry experts to achieve a better and more sustainable innovations for the growth of country.
- This involves analyzing how metaphors shape our perception of AI, using computational techniques to model and simulate intelligent behavior.
- Understanding AI through Metaphors.
- Understanding Computational Intelligence and its Applications.
- To familiar the institutional faculties about the opportunities and potential research areas in the domain of AI Metaphors and computational techniques.

COURSE CONTENTS

- Introduction to Artificial Intelligence (AI)
- Introduction to AI Metaphors
- Computational Intelligence Techniques
- AI Metaphors with Computational Intelligence
- Cognitive metaphors inform Human-AI interaction
- Introduction to MATLAB Environment
- MATLAB Optimization Toolbox
- MATLAB Deep Learning Algorithms
- MATLAB Deep Learning Toolbox
- MATLAB Computer Vision Toolbox
- Implementation of Computational Intelligence Techniques
- Hands on Session

OUTCOMES

One Week FDP are designed to update educators, researchers, and professionals on the latest advancements and practices in the field of AI. They will be equipped with the methods, tools, and techniques essential for fostering innovative ideas and further able to design solution for various fields including healthcare, finance, education, environment issues and many more.

ELIGIBILITY

Faculty from Central Government funded Institutes; AICTE approved engineering colleges/ institutions, research scholars and R&D organizations are eligible to apply for this one-week FDP.

REGISTRATION FEE

For participation of this one-week FDP there is a registration fee of Rs 500/-. Selection will be done based on first-cum-first serve basis and the confirmed candidates will be notified immediately through their registered email IDs.

HOW TO APPLY:

Registration for one-week FDP can be done using the Google form link as mentioned:

<https://forms.gle/YVPWxHBdmz2Lrxki7>

For any queries feel free to contact us

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