About Kurukshetra

Kurukshetra is a place of great spiritual significance deeply steeped in history and mythology where Lord Krishna delivered the divine message of "Shrimad Bhagwad Gita". It is one of the premier centers of pilgrimage attracting devotees in a steady stream all-round year. Kurukshetra is very well connected by Rail (Delhi-Karnal-Ambala section), by Road (NH1 which connects Delhi-Chandigarh-Amritsar -Jammu) and by Air (Delhi 160 Km and Chandigarh 80 Km). The NIT Campus is about 10 km from Piplisituated on NH1 and about 5 km from Kurukshetra railway station.

About National Institute of Technology Kurukshetra (NITKKR) (Institution of National Importance)

NITKKR (formerly known as Regional Engineering College, Kurukshetra in 1963) was conferred upon the status of Institution of National Importance (Deemed University) on June 26, 2002. The Institute has B.Tech.,M.Tech., MBA and MCA courses in various disciplines with an annual intake of about 1500 students. Institute also offers excellent facilities for advanced research in the emerging areas of Science and Technology leading to Ph.D. degree. The institute has well-qualified and dedicated faculty along with splendid supporting staff, laboratories and other infrastructure. The infrastructure is geared to enable the institute to produce technical personnel of high quality.

About the Department of Computer Engineering (CSE), NITKKR

The department started offering B.Tech. Programme in Computer Engineering in 1987 with initial intake of 30 students and subsequently raised to 210. The department also started a B.Tech programme in Information Technology (IT) in 2006 with the present intake of 140 students. The Department is offering a new undergraduate program from the 2023-24 academic session in AI & ML. The department is running four B. Tech Programs, i) Computer Engineering; ii) Information Technology; iii) Artificial Intelligence & Machine Learning (AI & ML); iv) Artificial Intelligence & Data Science.

Chief Patron
Prof. B V Ramana Reddy, Director, NITKKR
Patron
Prof. A. K. Singh, HOD CSE, NITKKR
Convener(s)
Dr. Banhi Sanyal
Dr. Pratishtha Verma
Dr. Amandeep Kaur

Important Dates

Last date of Registration: January 3, 2025

For query, please contact:

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Short Term Course (Online Mode)
On
Advancements in Healthcare Domain using AI and ML Techniques
(HCD-AIML 2025)

(Jan 6- Jan 10, 2025)
Department of Computer Engineering

National Institute of Technology Kurukshetra-136119, Haryana, India

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Importance of AI ML in healthcare.

AI algorithms excel in analyzing complex datasets, from medical images and genetic information to patient records, enhancing diagnostic accuracy and enabling earlier detection of diseases. This capability not only improves patient outcomes by ensuring timely and precise diagnoses but also facilitates personalized treatment plans tailored to individual patient profiles. Moreover, AI and ML are revolutionizing drug discovery and development processes by accelerating the identification of potential drug candidates and optimizing treatment protocols. Additionally, these technologies support remote monitoring through wearable devices and telemedicine platforms, allowing for continuous patient care and proactive health management. As healthcare systems worldwide embrace AI and ML, the potential for improving efficiency, reducing costs, and ultimately saving lives continues to expand.

Course Contents

- Introduction to AI and ML in Healthcare
- AI Applications in Medical Imaging and Diagnostics
- Personalized Medicine and Treatment
- AI in Healthcare Operations and Administration.
- Remote Monitoring and Predictive Analytics
- Future Trends and Emerging Technologies

Resource Persons are from IITs, NITs, IIITs, and Institutes of repute.

Who should attend

Faculty members / research scholars / students from academic institutes approved by the AICTE/UGC /MHRD and Scientists / Engineers working in private / Public/ Govt. organizations / industries etc. can attend the course

S. No.	Participants Category	Course Fee (Rs.)
1.	Research Scholars/Students	500
2.	Faculty members	1000
3.	Industry/R&D/Govt. Org. professionals	2000

Participants will be selected on a first-come-first served basis.

How to apply online for registration

Click https://forms.gle/q5z32xXKz6soY3Tu6

Fill the google form and submit the same.

Instructions for registration fee

1. Go to SBI Collect or click on
   https://www.onlinesbi.sbi/sbicollect
2. Select Educational Institution
3. Select Haryana
4. Select Director National Institute of Technology, Kurukshetra
5. Select (HCD-AIML 2025)
6. Make the payment and collect the receipt

REGISTRATION FORM

Short Term Course (Online Mode) On Advancements in Healthcare Domain using AI and ML techniques (HCD-AIML 2025) (Jan 6- Jan 10, 2025)

Name:
Date of Birth:
Designation:
Organization:
Address for correspondence:

Phone:
E-mail:
Qualifications

Transaction details:
Transaction ID:
Date of payment:
Amount:

Signature of applicant