

# ONE DAY WORKSHOP ON ARTIFICIAL INTELLIGENCE

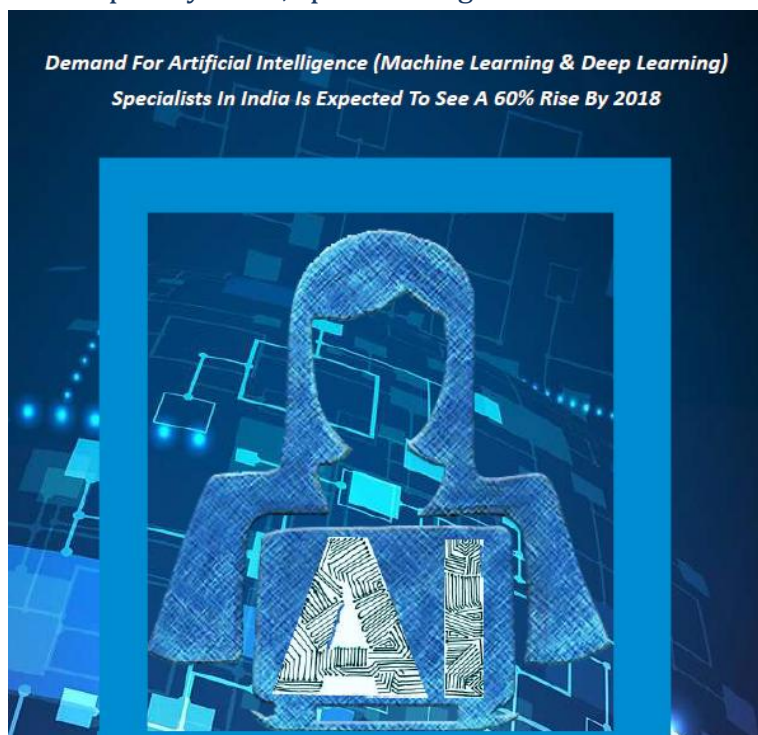
**STARTS ON**  
ANY WEEKEND –  
SATURDAY

**DURATION**  
9AM – 6PM

**WORKSHOP FEES**

## WHY ARTIFICIAL INTELLIGENCE

AI (Artificial Intelligence) is the simulation of human intelligence processes by machines, especially computer systems. These processes include learning (the acquisition of information & rules for using the information), reasoning (using rules to reach approximate or definite conclusions) & self-correction. Practice applications of AI include expert systems, speech recognition & machine vision.



*This one day workshop is an introductory workshop to the IITK programs on AI & ML*

NASSCOM predicts that by 2022, a startling

**46%**

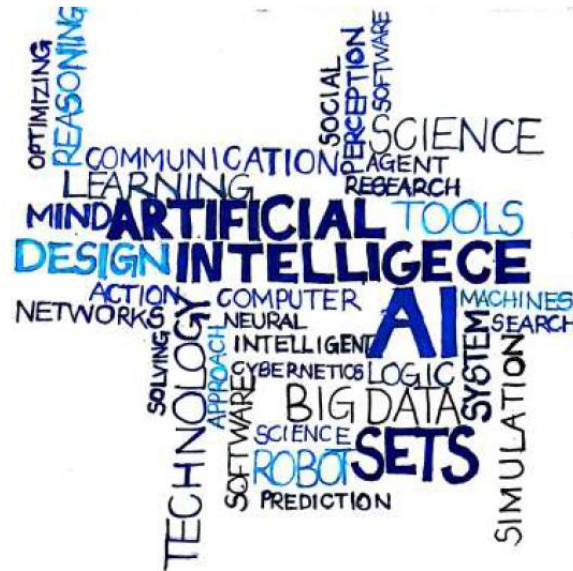
of the **Indian** workforce will be engaged in entirely new jobs that do not exist today or jobs that have radically changed skill sets

In the data domain as well, an independent study estimated that India will face a demand-supply gap of

**2,00,000**

data analytics professionals by 2020

*As technology increasingly disrupts the nature of jobs & shifts the benchmarks of technological aptitude, skilling & reskilling of workforce forms an integral part of our approach to adopting AI. There is an emergent need for reskilling the existing workforce and developing future talent in accordance with the changing needs of the job market.*



Smart Systems & Operations Lab  
**IIT KANPUR**  
Indian Institute of Technology, Kanpur



IIT Kanpur was established in 1959 under the special act of Parliament of Republic of India, incorporated under the Institutes of Technology Act, 1961 is one of the premier technology institutions. The aim of the Institute is to provide meaningful education, to conduct original research of the highest standard & to provide leadership in technological innovation. Education at IITK empowers the students with a critical thinking led approach, scientific temperament & knowledge in science, engineering, management & humanities fields to solve problems that challenge humanity. Researchers at IITK do high level research often at the forefront in its area. The diversity of research projects undertaken by IITK is a measure of the strong track record of research at IITK. Smart Systems Lab of IITK was established with the aim to develop system-oriented solutions for various problems faced by industry.

## PROGRAM FACULTY

Ms. Romita Swarup: A deep interest for exploring newer horizons in the area of Web. Have trained faculties & students in the field of Interactive Web. Deep understanding & working knowledge of UI/UX, Web Programming, Interactive Media, Post Production.

## WORKSHOP HIGHLIGHTS

### Introduction to AI

- Foundations & History of Artificial Intelligence
- Applications of AI
- Computer vision

### Working with Python

- Installation
- Importing libraries
- Creation of projects
- Files
- Installation of packages

### Working with images

### Working with shapes

## CERTIFICATE OF PARTICIPATION

What will you get?

1. Certificate of participation from Futurz Xplored (Will help you a lot for jobs in future)
2. Software Kit. (Online)
3. Counseling to the IITK Programs

Xplora Design Skool is India's Premier Digital Media (Animation, Graphics & Web-UI-UX) ISO 9001:2000 certified organization having multiple campuses in India & China. Xplora program are also running in Guiyang, Nanjing & Beijing in China.

Xplora received the prestigious,



**'Shiksha Bharti Puraskar'** for training & providing employment to 1,00,000+ students over the last 20 years, & **'Indian Leadership award for Education Excellence'** by Indian Economic Development & Research Association for excellent curriculum & courses aimed at 21<sup>st</sup> Century Learning needs.



Collaborations with these organizations enrich our offerings,



We believe in constantly adding values, in a way that today has to be better than yesterday, growing minute by minute & providing something new every moment. This stems from the spirit of innovation & constant change. We thus invite you to partner with us for the international & national employment oriented programs, these premium programs offer high revenue sharing opportunity,

Dear Students,

We look forward to you joining & attending this hands-on workshop on AI

Best Wishes,

Mr. Rohit Swarup (Founder Director Innovation & Research Foundation)

## NEED MORE INFORMATION

For any course-related questions or to discuss whether this is the right program to IITK course for you or your team, please contact us.

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