

# MALAVIYA MISSION TEACHER TRAINING CENTRE

## NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL



Two-week Online Multidisciplinary Refresher Course

on

## Artificial Intelligence for Computer Vision & Image Processing

25 April – 8 May, 2024

The Malaviya Mission Teacher Training Centre (MMTTC) of NIT Warangal is organizing an Online Refresher Course in 'Artificial Intelligence for Computer Vision & Image Processing' for the Faculty Members from State & Central University, Affiliated Colleges, Constituent Colleges and Private Colleges, etc.

**Objective:** The main objective of this refresher course is to facilitate Faculty members from different regions of the country to gain knowledge from Experts on the recent developments in the domain of AI in Computer Vision, Imaging and Healthcare Applications. This course is intended to offer learning on basics, emerging trends & challenges in the field of Artificial Intelligence, Signal Processing, Biomedical Image Processing, Biometrics, Computer Vision and Brain Computer Interfacing. In this course the main focus on improvement of participants' ability in carrying out research, testing & consultancy in use of AI in signal, speech, BCI and Biometric based security systems. Hands-on training will enhance the practical knowledge.

**Salient Features of the Course:** The course will have 48 hours of Lectures by resource persons and 24 hours of Hands-on sessions, project works and other activities. There will be MCQ based exam conducted at the end of the course. A Certificate will be issued to those who have attended all the sessions and have qualified the Assessment test. This course will be considered for Fulfilment of the requirements as laid down by UGC for Career Advance Scheme (CAS).

### Thrust Areas

- ❖ Introduction to AI and its applications
- ❖ Computer Vision Techniques in Medical Image
- ❖ Video Surveillance and Monitoring
- ❖ Natural Language Processing
- ❖ Biometrics
- ❖ Bio Medical Image Processing
- ❖ Use of AI in Brain Computer Interfacing
- ❖ Hands on training

**Target Group:** All regular / part time / ad hoc / contract teachers of faculties of multi disciplines in the Universities/ Colleges that are included under section 2 (f) of the UGC act. The teachers of the colleges affiliated to the University for at least five years can also participate.

**Mode of Delivery:** Google Meet.

### Registration Process:

The Registration is to be done through Google form: <https://forms.gle/at3P5EGbSLvKPqsm9>

Registration form is to be filled after successful payment of the Registration fee.

**Course duration: 25 April – 8 May 2024**

### Registration Details:

**Registration fee:** Rs. 1000/- (Non-refundable) to be paid online to

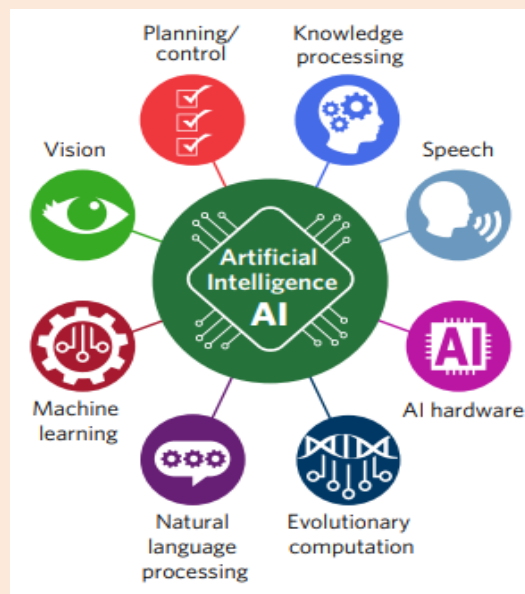
**Head CTL NITW, A/c number: 40376545007**

**IFSC code:** SBIN0020149, State Bank of India, NIT Warangal Branch.

**Last date for the receipt of application through online: 15 April 2024**

**Intimation to of Selection: 18 April 2024**

**Number of Participants:** Maximum of 100 on first come first serve basis



### Course Coordinator:

**Prof. T. Kishore Kumar**

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and Programme Coordinator  
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