National Institute of Technology Warangal

Warangal - 506004, Telangana State

Department of Computer Science Engineering

In association with

E&ICT, NIT Warangal

INVITATION

The Department of Computer Science Engineering in association with E&ICT, NIT Warangal, cordially invites you to the

INAUGURAL FUNCTION

of the Eight Day FDP on
"Artificial Intelligence Applications in Software Engineering"
(06th – 14th July, 2021)

Prof. N. V. Ramana Rao

Director, National Institute of Technology Warangal
has kindly consented to be the

Chief Guest

Prof. RBV Subramaanyam   **Prof. P. Radha Krishna**
Chief Investigator, E&ICT   *HoD, CSE*

has kindly consented to be the

Guests of Honor

Course Coordinator(s)

Dr. S. Ravi Chandra   **Dr. Manjubala Bisi**
Associate Professor,   *Assistant   Professor,*
Department of CSE   *Department of CSE*

You are requested to join the meeting at 2:30 pm on 6th July, 2021 **using the following link:**

https://nitwarangal.webex.com/nitwarangal/j.php?MTID=mfeeea90805e81 0d90c05610ff385d3cd

G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE (FOR WOMEN)

REPORT ON
Online Faculty Development Programme (FDP) on
ARTIFICIAL INTELLIGENCE APPLICATIONS IN SOFTWARE ENGINEERING from
6th to 14th July 2021

15/7/2021

The FDP was inaugurated by Prof. N. V. Ramana Rao, Director, National Institute of Technology Warangal. Followed by a series of lectures delivered by different resource persons from reputed industry and academicians from various universities. The FDP scheduled was as follows:

Date	03:00 PM to 04:30 PM	04:35 PM to 06:05 PM	06:10 PM to 08:10 PM
06-07-2021	Speaker: Dr. S Padamanabhuni, Chief Mentor, Tarah.Ai Topic: Introduction to AI	Speaker: Dr. S, Padamanabhuni, Chief Mentor, Tarah.Ai Topic: AI in Software Engineering	Speaker: Dr. S, Padamanabhuni, Chief Mentor, Tarah.Ai Topic: AI in Software Engineering
07-07-2021	Speaker: Dr. S, Ravi Chandra, Associate Professor, Dept. of CSE, NIT Warangal Topic: Overview of Software Engineering	Speaker: Dr. M. Srinivas, Asst. Professor Dept. of CSE, NIT Warangal Topic: Overview of Machine Learning Approaches	Speaker: Dr. M. Srinivas, Asst. Professor Dept. of CSE, NIT Warangal Topic: Machine Learning Approaches
08-07-2021	Speaker: Dr. S, Ravi Chandra, Associate Professor, Dept. of CSE, NIT Warangal Topic: Software Engineering tasks for ML application	Speaker: Dr. Manjubala Bisi, Asst. Professor, Dept. of CSE, NIT Waranga Topic: ML Applications in Estimation and Prediction	Speaker: Prof. JanakiRam, Director, IDRBT, Hyderabad Topic: Research Directions in Software Engineering
09-07-2021	Speaker: Dr. Lov Kumar, Asst. Professor, Dept. of CSE, BITS, Pilani, Hyderabad Topic: Maintaining Data Repositories	Speaker: Dr. Sujit Das, Asst. Professor, Dept. of CSE, NIT Warangal Topic: Overview of Fuzzy Logic	Speaker: Dr. Ajeet kumar, , L & T, Bangalore Topic: Application of Fuzzy Logic in Software Defect Prediction
10-07-2021	Speaker: Dr. Anjaneyulu Pasala, Adjunct Prof. IIID&M, Kurnool and Head, Infosys Research Group Topic: Empirical Analysis in SE using AI and ML	Speaker: Dr. Anjaneyulu Pasala, Adjunct Prof. IIID&M, Kurnool and Head, Infosys Research Group Topic: Empirical Analysis in SE using AI and ML	Speaker: Dr. J. V. Satyanarayana, RCI Lab, DRDO Topic: AI and Deep Learning Applications in Defence Systems
12-07-2021	Speaker: Dr. Manjubala Bisi, Asst. Professor, Dept. of CSE, NIT Warangal Topic: Optimization in Software Engineering	Speaker: Prof. Subhashishn Chatterjee, Professor, department of Mathematics and Computing, ISM, Dhanbad Topic: Software Reliability Models	Speaker: Dr. Neeraj Kumar Goyal, Associate Professor, School of SCSQR, IIT Kharagpur Topic: Software Fault Tolerance
13-07-2021	Speaker: Dr. S, Ravi Chandra, Associate Professor, Dept. of CSE, NIT Warangal Topic: ML applications in Reuse and Requirement Acquisition	Speaker: Dr. Sangharatna Godboley, Asst. Professor, Dept. of CSE, NIT Warangal Topic: MEFL: A hybrid approach for Fault Localization using Mutation-Ensemble technique	Speaker: Dr. Ajeet kumar, , L & T, Bangalore Topic: Software Reliability & Safety Assurance- Concept and Applications

14-07-2021	Speaker: Dr. S, Ravi Chandra, Associate Professor, Dept. of CSE, NIT Warangal Topic: Discussion on Case Study	Speaker: Dr. Sangharatna Godboley, Asst. Professor, Dept. of CSE, NIT Warangal Topic: Protecting Software Vulnerabilities from Hackers Using Fuzzing	Speaker: Prof. Durga Prasad Mohapatra Professor and Head, Dept. of CSE, NIT Rourkela Topic: Applications of Machine Learning Techniques in Software Reliability Prediction

The FDP gave skillful knowledge on research directions towards AI application in Software Engineering domain.

Participants:

1. Mrs. R. Mamatha
2. Mrs. T.Divya Kumari