



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 <i>Chief Investigator, E&ICT</i>	Prof. P. Radha Krishna <i>HoD, CSE</i>
<i>has kindly consented to be the</i>	
Guests of Honor	

Course Coordinator(s)

Dr. S. Ravi Chandra
Associate Professor,
Department of CSE

Dr. Manjubala Bisi
Assistant Professor,
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=mfeeea90805e810d90c05610ff385d3cd>

[Handwritten Signature]
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 Technology (for women)
 (AUTONOMOUS)
 Shaikpet, Hyderabad - 500 104

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

Organized by

**E&ICT , National Institute of Technology Warangal
Warangal - 506004, Telangana, India**

Online Meeting Platform: WebEx

Programme Schedule

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 (Tuesday)	Session 1 Introduction to AI SP	Break	Session 2 AI in Software Engineering SP	Break	Session 3 AI in Software Engineering SP	
	spadmanabhuni@gmail.com				spadmanabhuni@gmail.com	
07/07/2021 (Wednesday)	Session 4 Overview of Software Engineering SRC		Session 5 Overview of Machine Learning Approaches MSV		Session 6 Machine Learning Approaches (Python) MSV	
	ravic@nitw.ac.in				msv@nitw.ac.in	
08/07/2021 (Thursday)	Session 7 Software Engineering tasks for ML application SRC		Session 8 ML Applications in Estimation and Prediction (4.35 pm to 6.35 pm) MB		Session 9 Research Directions in Software Engineering 6.40 pm to 8.10pm JR	
	ravic@nitw.ac.in				manjubalabasi@nitw.ac.in	
09/07/2021 (Friday)	Session 10 Maintaining Data Repositories LK		Session 11 Overview of Fuzzy Logic SD		Session 12 Application of Fuzzy Logic in Software Defect Prediction AK	
	lovkumar@hyderabad.bits-pilani.ac.in				sujit.das@nitw.ac.in	
10/07/2021	Session 13				Session 14	Session 15



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(Saturday)	Empirical Analysis in SE using AI and ML AP	Empirical Analysis in SE using AI and ML (4.35 pm to 6.35 pm) AP	AI and Deep Learning Applications in Defence Systems 6.40 pm to 8.10pm JVS
			sathanarayana.jv@rcilab.in
12/07/2021 (Monday)	Session 16 Optimization in Software Engineering (3 pm to 5pm) MB	Session 17 Software Reliability Models (5pm to 6.30pm) SC	Session 18 (6.30pm to 8 pm) Software Fault Tolerance NKG
	ngoyal@hijli.iitkgp.ac.in	subbhashis@iitism.ac.in	manjubalabisi@nitw.ac.in
13/07/2021 (Tuesday)	Session 19 ML applications in Reuse and Requirement Acquisition SRC	Session 20 MEFL: A hybrid approach for Fault Localization using Mutation-Ensemble technique SG	Session 21 Software Reliability & Safety Assurance- Concept and Applications AK
	ravic@nitw.ac.in	sanghu@nitw.ac.in	ajeet.mnrit@gmail.com
14/07/2021 (Wednesday)	Session 14 Discussion on Case Study SRC/MB	Session 23 Protecting Software Vulnerabilities from Hackers Using Fuzzing SG	Session 24 Applications of Machine Learning Techniques in Software Reliability Prediction DP
	ravic@nitw.ac.in/ manjubalabisi@nitw.ac.in	sanghu@nitw.ac.in	Test, Feedback and Valediction (08:10 PM to 09:00 PM) durga@nitrrkl.ac.in



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Technology & Studies (for women)
(AUTONOMOUS)
Shalkpet, Hyderabad - 500 104

SRC: Dr. S. Ravi Chandra, Associate Professor, Dept. of CSE, NIT Warangal
MB: Dr. Manjubala Bisi, Asst. Professor, Dept. of CSE, NIT Warangal
SP: Dr. S. Padamanabhuni, Chief Mentor, Tarah.Ai
MSV: Dr. M. Srinivas, Asst. Professor Dept. of CSE, NIT Warangal
JR: Prof. JanakiRam, Director, IDRBT, Hyderabad
LK: Dr. Lov Kumar, Asst. Professor, Dept. of CSE, BITS, Pilani, Hyderabad

SD: Dr. Sujit Das, Asst. Professor, Dept. of CSE, NIT Warangal
NKG: Dr. Neeraj Kumar Goyal, Associate Professor, School of SCSQR, IIT Kharagpur
SC: Prof. Subhashishn Chatterjee, Professor, department of Mathematics and Computing, ISM, Dhanbad
SG: Dr. Sangharatna Godbole, Asst. Professor, Dept. of CSE, NIT Warangal
JVS: Dr. J. V. Satyanarayana, RCI Lab, DRDO
AP : Dr. Anjaneyulu Pasala, Adjunct Prof. IID&M, Kurnool and Head, Infosys Research Group
AK: Dr. Ajeet kumar, I & T, Bangalore
DP: Prof. Durga Prasad Mohapatra Professor and Head, Dept. of CSE, NIT Rourkela



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