



Center for Continuing Education: NIT Warangal

Online Faculty Development Program

On



Opportunities and Challenges in Artificial Intelligence and Machine Learning for Mechanical Engineers

(24 -28, April 2023)

PROGRAM SCHEDULE

DAY-1 (24.04.2023)

Inauguration on 24.4.2023: Time: 5.00 PM- 6.00 PM



Overview on AI & ML Applications

Sri Avinash Khare

Consultant New Manufacturing Technology and Automation

06.00 – 07.30 PM (IST)



Problem Solving using ML

Dr Ramalingaswamy Cheruku

NIT Warangal

07.40 – 09.10 PM (IST)

DAY-2 (25.04.2023)



Regression Analysis and Clustering

Dr Ilaiah Kavati

NIT Warangal

06.00 – 07.30 PM (IST)



Multi-Objective Optimization

Dr Devadula Srinivas

IIT Madras

07.40 – 09.10 PM (IST)

DAY-3 (26.04.2023)



Applications of AI and ML in Advanced Manufacturing

Prof. Soundar Kumara

The Pennsylvania State University, USA

06.00 – 07.30 PM (IST)



AI and ML Applications in Machining

Prof. P. Vamsi Krishna

NIT Warangal

07.40 – 09.10 PM (IST)

DAY-4 (27.04.2023)



Innovations in Advanced Finishing Methods using AI & ML

Dr G. Venkatesh

NIT Warangal

06.00 – 07.30 PM (IST)



Innovations in Advanced Finishing Methods using AI & ML

Dr G. Venkatesh

NIT Warangal

07.40 – 09.10 PM (IST)

DAY-5 (28.04.2023)

Valedictory on 28.4.2023: Time: 9.10 PM- 9.30 PM



Artificial Intelligence and Machine Learning for Bearing Health Monitoring

Dr Piyush Shakya

IIT Madras

06.00 – 07.30 PM (IST)



Machine learning for Additive Manufacturing

Dr Shivraman

NIT Warangal

07.40 – 09.10 PM (IST)

Coordinators: Dr P. Vamsi Krishna, NIT Warangal
Dr G. Venkatesh, NIT Warangal

Dr CH. R. Vikram Kumar, NBKRIST
Dr P. Srihari Reddy, NBKRIST

For Registration: <https://forms.gle/yvRRLbkFKv1LHwkG6>



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