

AMRUTVAHINI COLLEGE OF ENGINEERING SANGANER

REPORT OF EXTERNAL TRAINING

DEPARTMENT OF MECHANICAL ENGINEERING

1. NAME OF FACULTY: Anand Vasantrao Deokar
2. PROGRAMME TYPE: Webinar
3. PROGRAM TITLE: National level webinar on intelligent condition monitoring using artificial intelligence
4. DATE/PERIOD OF EVENT: 10/19/2021 10/19/2021
5. NAME OF ORGANISER: Sardar Patel College of Engineering Mumbai

BRIEF DESCRIPTION OF EVENT:

Intelligent condition monitoring without interrupting normal machine operations is required for ever-increasing requirements of Unmanned manufacturing systems. Now a days AI is widely used for condition monitoring. The AI assists in extracting useful knowledge & making appropriate decisions from measured signal in manufacturing & other systems. Due to the development of modern sensing technology & the digitization of manufacturing process, the system is producing a huge amount of big data. Therefore developing advanced signal processing technology & AI-based methods to deal with big data is a challenge.

- 1) AI-based machining quality prediction.
- 2) Tool condition monitoring.
- 3) Deep learning in condition monitoring.



BHARATIYA VIDYA BHAVAN'S
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SAEINDIA
WESTERN SECTION



Certificate of Participation



This is to certify that Anand Vasant Rao Deokar has participated in National Level Webinar on 'Intelligent condition monitoring using Artificial Intelligence' delivered by Dr. Riddhi Panse Scientist at Tata Consultancy Services Ltd. The webinar was organised by Sardar Patel College of Engineering, Mumbai in Collaboration with The SAEINDIA Western Section, IIIE-SPCE Student Chapter on 19th October 2021.


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