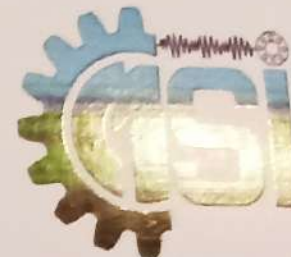




National Conference on Condition Monitoring (NCCM-2023)



This is to certify that

SHIVAM GAUTHAM

has presented paper titled

Diagnosing the healthy or defective state of a centrifugal pump based on vibration, pressure & current data using a deep learning algorithm.

at National Conference on Condition Monitoring (NCCM - 2023) held at
Naval Science & Technological Laboratory, Visakhapatnam during 27- 28 April 2023

(Dr. T. VENKATA RATNAM)
Convener, NCCM-2023

(PVS GANESH KUMAR)
President, CMSI

(Dr. Y. SREENIVAS RAO)
Director, NSTL