



**CSIR - CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE**  
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MAHATMA GANDHI AVENUE, DURGAPUR – 713 209



**IAS-NASI-INSA Summer Research Fellowship Certificate**

*This is to certify that SINDIRI MANIKANTA SWAROOP (Regn. No. ENGS1461) a B. Tech. student of Vishnu institute of Technology, Bhimavaram has undergone Summer Research Fellowship programme in this Institute from 13.05.2025 to 07.07.2025.*

*He has successfully completed the assignment on "Autonomous Underwater Docking using Sonar-based CNN Classification" in the department of Underwater Robotics & Autonomous Systems Group.*

Dated:

Durgapur  
July 07, 2025

( Dr. Srinivasan A. )  
Principal Scientist

( Dr. Biplab Choudhury )  
Principal Scientist, SIPG