



**Center of Excellence (CoE) in  
Complex & Nonlinear Dynamical System (CNDS)**  
Veermata Jijabai Technological Institute (VJTI), MUMBAI-400019  
(Established under World Bank TEQIP-II Funding)



# Certificate

11/09/2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Ojas Taskar** from Veermata Jijabai Technology Institute has successfully completed an internship with **Centre of Excellence (CoE) in Complex & Nonlinear Dynamical Systems (CNDS)**, VJTI – Mumbai as a **Intern in Cyber Security For ICS Security** from **01<sup>th</sup> June 2023 to 30<sup>th</sup> June 2023**.


During the internship he worked on the project **“Passive Asset Identification of ICS network”**. As part of internship he accomplished:

- Study of previous work and analysis of dataset and ML models used, along with evaluation of their accuracy metrics and the reasons behind low accuracy.
- PCAP analysis and algorithm for classification into network layer.
- IT/OT device classification for ICS
- Classification of the network devices into Purdue architecture layers.
- Network topology using a graphical format using NEO4J

I hereby certify his overall work was excellent to the best of my knowledge.

Wishing him the best of luck for her future endeavors.

For CoE-CNDS, VJTI

  
**Dr. Faruk S. Kazi**  
Principal Investigator

