

ADVANCING ARRHYTHMIA DETECTION IN MICRO ECG THROUGH CONVOLUTIONAL NEURAL NETWORKS

*A project report submitted in fulfillment of the requirements for B.Tech.
Project*

Integrated Post Graduate (M.Tech)

by

Shubhang Gupta (2020IMT-098)

Under the supervision of

Dr. Sandesh Jain

Sandesh Jain
25/7/2023



विश्वजीवनामृतं ज्ञानम्

**ABV INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY AND MANAGEMENT
GWALIOR - 474015**

2023

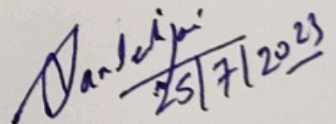
DEPT. OF INFORMATION TECHNOLOGY
ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY &
MANAGEMENT
Morena Link Road, Gwalior-474015

CERTIFICATE

I hereby certify that the Project titled "Advancing Arrhythmia Detection in Micro ECG Through Convolutional Neural Networks" which is submitted by **Shubhang Gupta (2020IMT-098)** for fulfillment of the requirements for awarding of the degree of **Integrated Post Graduate Masters of Technology - Information Technology (IPG - M.Tech.)** is a record of the project work carried out by the students under my guidance & supervision. To the best of my knowledge, this work has not been submitted in any part or fulfillment for any Degree or Diploma to this University or elsewhere.

Place : Gwalior, M.P.

Date : 25/07/2023



Dr. Sandesh Jain

(SUPERVISOR)

Assistant Professor

Department of Electrical/Electronics

ABV-IIITM Gwalior