



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
राष्ट्रीय वांतरिक्ष प्रयोगशालाएं
Council of Scientific & Industrial Research
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29-04-2024

CERTIFICATE

This is to certify that **AKASHDEEP GANGATKAR M** Enrollment No **1DB20CI003** student of **Don Bosco Institute of Technology** pursuing **Bachelor of Engineering in CSE(Artificial Intelligence and Machine Learning)** has successfully completed Internship titled "**Obstacle detection system to assist navigation of visually impaired using smartphone**" during **1-09-2023 to 30-09-2023** under the guidance of **Mr.Pradeep Kumar B, Senior Scientist, ALD, CSIR-NAL** towards the fulfilment of the requirements of their University.

We wish **AKASHDEEP GANGATKAR M** the very best in all his future endeavours.

Mr Pradeep Kumar B
Senior Scientist,ALD
Internship Guide
CSIR-NAL

Dr. L Venkatakrishnan,
Chief Scientist & Head, EAD
and Chairman, Academic Cell,
CSIR-NAL

Dr. Harish Barshilia
Chief Scientist & Head, DTS
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