भारत सरकार अन्तरिक्ष विभाग

राष्ट्रीय सुदूर संवेदन केन्द्र

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Government of India Department of Space (DOS)

### National Remote Sensing Centre

Balanagar, Hyderabad - 500 027, Telangana, India

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### CERTIFICATE

This is to certify that this internship report titled "Development of Customized API for Land Use Land Covers Classification using ML techniques via open-source Platform" is a record of the bonafide work carried out by -V Laxmi Narayan Sharma under my guidance and supervision at the National Remote Sensing Centre, ISRO, Hyderabad during period 1st July 2024 to 30th October 2024. He has completed the assigned work satisfactorily.

The project report has not formed the basis for the award of any degree, diploma, associateship, fellowship or other titles. I hereby confirm the originality of the work and that the plagiarism is within acceptable range in any part of the project report.

He will be an invaluable asset to any organization. So, I wholeheartedly wish him the best and recommend for his future endeavours.

Mr. Dhiroj Kumar Behera

डॉ. गिरीश एस पूजार / Dr. Girish S Pujar वैज्ञानिक/इंत्रिनियर 'एसएफ' Scientist/Engineer 'SF' यामीण विकास एवं कार्यभर पानिस्टन प्रभाग Rural Development & Whiter that Monitoring Division राष्ट्रीय रात्र रावदन केन्द्र National Remote Sensing Centre इसरो / ISRO अंतरिक्ष विभाग / Dept. of Space भारत सरकार/Government of India बालानगर, हैदराबाद / Balanagar, Hyderabad-500037

Scientist/Engineer – "SD" Land Use Land Cover Mapping and Monitoring Division National Remote Sensing Centre Indian Space Research Organization

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#### **Project Closure Certificate**

Date: 04/11/2024

This is to certify that the below mentioned student has completed the assigned work successfully at National Remote Sensing Centre, Hyderabad during the period: 01/07/2024 - 30/10/2024

STUDENT NAME: Mr V Laxmi Narayan Sharma

Dr. Jaya Saxena, Scientist 'F' & Head. Student Project Interface Division, Training, Education & Outreach Group, Management Systems Area (MSA) NRSC (ISRO), HYDERABAD

> টা, নথা নামন্ত্র Dr. Jaya Sassata ইনালিক 'চ্ছে' বৈ পুতুলত ড কোনা F & Hea মান অইয়াকলা প্রত্যানৰ স্বৰাম, প্রক্রানের Shudent Project Interface Drivines, TEOG udent Project Incorace Division, TECU-1958 Alba Birghwoonii Bunico Saming Cer 1884, MER HERBURTSRO-DOS. Govt et in 1884, Scenac Bislanigas. Hyderwad i 900 S

