

महलानोबिस राष्ट्रीय फसल पूर्वानुमान केंद्र  
भारत सरकार  
कृषि एवं किसान कल्याण विभाग  
कृषि, सहकारिता एवं किसान कल्याण विभाग  
निकट कृषि विस्तार सदन  
पूना परिसर  
नई दिल्ली-110 012



Mahalanobis National Crop Forecast Centre  
Government of India  
Ministry of Agriculture & Farmers Welfare  
Dept. of Agt., Coop. & Farmers Welfare  
Dr. Krishi Vistar Sadan  
Pusa Campus  
New Delhi-110 012  
Tel.: 011-26843224  
Fax: 011-26843225

**Shibendu S. Ray, Ph. D.**  
**Director**

Date: 21 October 2020

**To whomsoever it may Concern**

This is to certify that **Mr. Arvind Patidar** is working at Mahalanobis National Crop Forecast Centre (MNCFC), Ministry of Agriculture and Farmers' Welfare as an **Analyst (Agriculture)**, on contractual basis from 18<sup>th</sup> December 2017 till date, deputed from Orion Secure Solution Private Limited.

During this period, his responsibilities were to estimate district-level crop yield using Satellite Remote Sensing based empirical model, Weather based yield model and analysis of Crop Cutting Experiment (CCE) data under the nationally important FASAL (Forecasting Agricultural output using Space, Agro-meteorology and Land-based observations) project. He also has experience in quality checking of CCE data under the Crop Insurance. He has also contributed to technology based yield dispute resolution under Pradhan Mantri Fasal Bima Yojna (PMFBY).

Through these activities he has gained praiseworthy experience in crop yield estimation using different approaches. He has also gained experience in image processing and GIS. He has also attended 21 days training on Crop Simulation Modelling at IARI- CESCRA. He has admirable experience in collecting ground truth data and has sound field knowledge.

**Mr. Arvind Patidar** is very sincere and hard working with great team spirit. He has also shown strong aptitude towards taking up new research activities. He has gained very good knowledge in Agriculture and Remote Sensing.

I am sure he will be very successful in professional activities and given an opportunity, will contribute strongly towards technology development.

I wish him all success in his professional career.

  
(Shibendu S. Ray)

Dr. Shibendu S. Ray  
Director  
Mahalanobis National Crop Forecast Centre  
Government of India  
Ministry of Agriculture & Farmers Welfare  
Dept. of Agt., Coop. & Farmers Welfare  
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महलानोबिस राष्ट्रीय फसल पूर्वानुमान केंद्र



Mahalanobis National Crop Forecast Centre

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# MP COUNCIL OF SCIENCE & TECHNOLOGY

Vigyan Bhawan, Science Hill,  
Nehru Nagar, Bhopal-462003  
Tel # 2671601, PBX # 2671610,  
Fax: 0755-2671602, 2671600, 2671609  
E-mail: bairagid@gmail.com

Dr. G.D. Bairagi  
Head  
Agriculture & Soil Division

Bhopal dated: 04/10/2017

No. 235/CST/RSAC/ASD/2017

## TO WHOM IT MAY CONCERN

This is to certified that Mr. ArvindPatidar S/o ShriKailashPatidar is working in "GISAT-GPP" project of Soil and Agriculture Division as a Junior Research fellow (JRF) in MP Council of Science and Technology, Vigyan Bhawan, Nehru Nagar, Bhopal from 16 January 2017to till date.

During this period he has gained extensive knowledge and working experience in Field observation data collection using Spectroradiometer, LAI meter, Line Quantum Sensor and Chlorophyll meter. He is also having the experience of Agriculture ground truth data collection (GT), Crop Cutting Experiment, database creation, data analysis on Prosail model and Geographic Information System (GIS).

During the period I found him to be sincere and hard working young man. He can be assigned the responsibility of research work in the organization with confidence.

I wish him all the success in the future assignments.

(Dr. G. D. Bairagi)

डॉ. जी. डी. बैरागी  
प्रमुख  
कृषि एवं मृदा प्रभाग  
म.प्र.वि. एवं प्रौ.परिषद, भोपाल

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Vigyan Bhawan, Science Hill,  
Nehru Nagar, Bhopal-462003  
Tel # 2671601, PBX # 2671610,  
Fax: 0755-2671602, 2671600, 2671609

**Dr. Rajesh Sharma**  
**Group Head**  
**Agriculture & Soil Division**

No. 753/CST/RSAC/ASD/2016

Bhopal dated: 30/09/2016

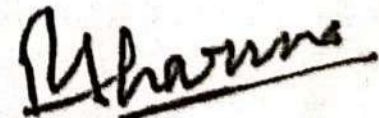
### TO WHOM IT MAY CONCERN

This is to certify that Mr. Arvind Patidar S/o Shri Kailash Patidar is working in "GISAT LAI Retrieval and Validation and FASAL MNCFC" project of Soil and Agriculture Division as a Junior Research fellow (JRF) in MP Council of Science and Technology, Vigyan Bhawan, Nehru Nagar, Bhopal from 27<sup>th</sup> Oct. 2014 to 30<sup>th</sup> September 2016 date.

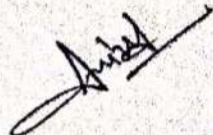
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(Dr. Rajesh Sharma)  
डॉ. राजेश शर्मा  
समूह प्रभारी  
कृषि एवं मृदा प्रभाग  
म.प्र.वि. एवं प्रौ. परिषद्, भोपाल

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22<sup>nd</sup> September, 2021

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Arvind Patidar** has worked with Solidaridad Regional Expertise Centre as **"Assistant Manager – Smart Agri Project"** from 20<sup>th</sup> November 2020 to 28<sup>th</sup> August 2021.

We appreciate his work and wishing him all the very best in his future endeavours.



**Saroj Kumar Sahu**  
Regional HR and Operation Manager

