

Centre of Excellence: AI for Agriculture
Make AI in India and Make AI Work for India
Funded by: Ministry of Education, Government of India

Hiring of Junior Research Fellows (JRFs) - 07
Locations: Pilani, Hyderabad, & Goa Campuses of BITS Pilani

Ensuring Food Security through AI & Satellite Image technology assisted Robust Agriculture at Scale

Project aims to explore all possible use cases in Agriculture which can be solved using two disruptive technologies - Satellite imaging and AI. Other technologies used are: Digital Twin Technology, Sensor Technology, and Crop Omics.

BITS Pilani team:

Prof. Navneet Goyal (Pilani), Prof. Poonam Goyal (Pilani), Prof. Sanket Goel (Hyd.), Prof. Aneesh Chivukula (Hyd.), Prof. Santonu Sarkar (Goa), Prof. Sravan Danda (Goa), & Prof. Rajesh Mehrotra (Goa).



Stipend: INR 37,000 + Hostel Accommodation or HRA (as applicable)
If found suitable, the JRF will also be recommended for admission to the PhD program.
Joint supervision opportunities with researchers at Consortium partners!

To apply, please fill the Google form [here!](#) (Please see the details on page 2 below)
Last date of application: **10th May 2024.**

Prof. Navneet Goyal, Chief Program Manager
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S, No.	PI	BITS Campus	Broad Area(s)	Skill Set Required	Dept.	Educational Qualification
1	Prof. Sravan Danda	Goa	AI for Satellite Image Analytics/ Time Series Analytics/ Physics-based Deep Learning Models/ Hyperspectral Image Analytics	Python, Deep Learning Implementation, Familiarity with at least one of Pytorch or Tensorflow	CSIS	BE, BTech./ME, MTech. in CS/IT/AI/DS/EEE or equivalent. M.Sc. (Maths/Stat/CS/AI/DS) Minimum 60% in all degrees after 12th
2	Prof. Navneet Goyal	Pilani				
3	Prof. Poonam Goyal	Pilani				
4	Prof. Aneesh S Chivukula	Hyderabad				
5	Prof. Santonu Sarkar	Goa	Digital Twin	Machine/Deep Learning, Python		
6	Prof. Sanket Goel	Hyderabad	Gas and Soil Moisture Sensors and Validation	Sensor Integration, Image / Data Capturing and Analysis, ML	EEE	BE, BTech./ME, MTech. in Electronics, Instrumentation, Communication Minimum 60% in all degrees after 12th
7	Prof. Rajesh Mehrotra	Goa	Plant genome response to stresses	Bioinformatics, Biotechnology	Biological Sciences	MSc (Biological Sciences/ Bioinformatics/Computational Biology and Biotechnology with at least 60%)