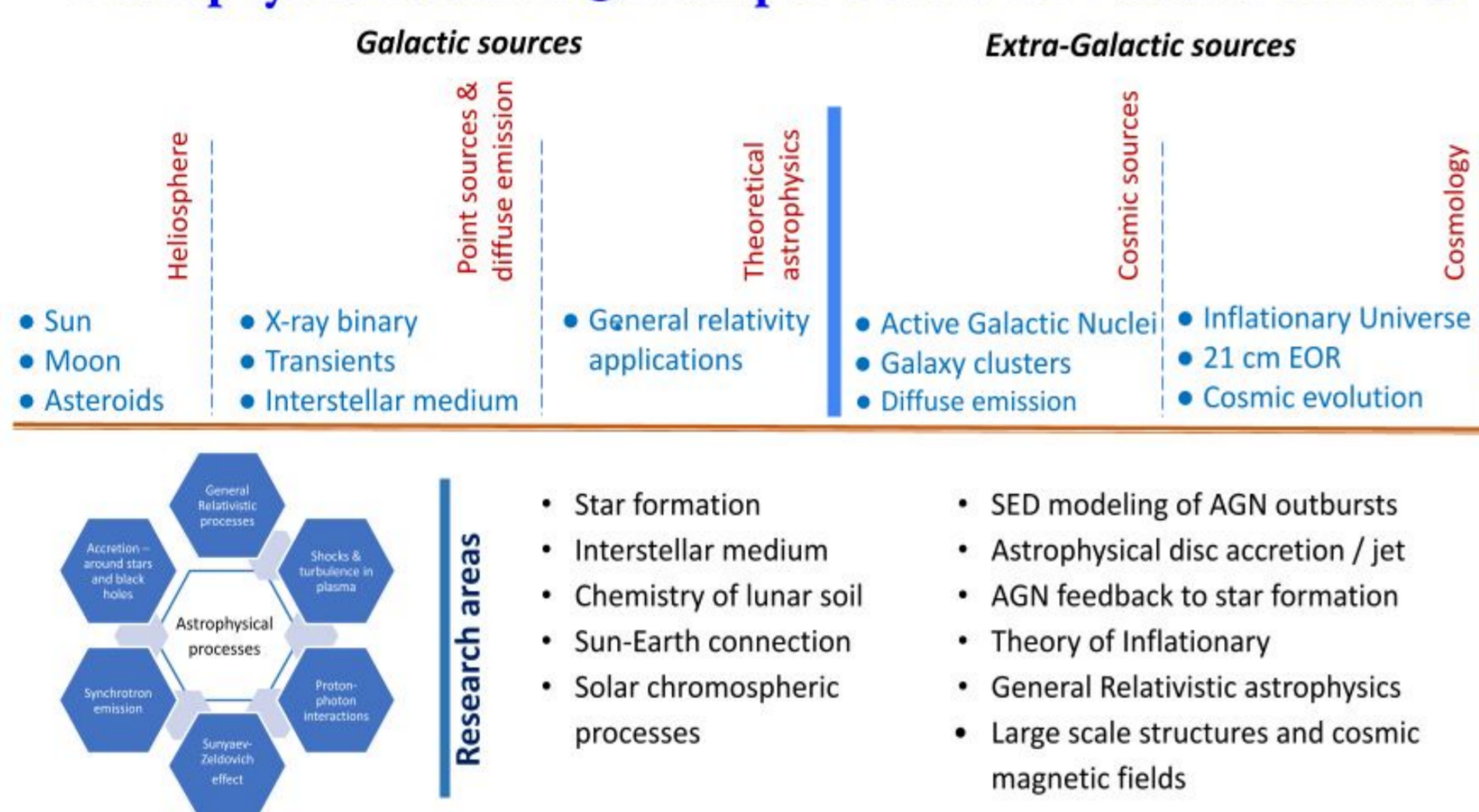


## Manipal Centre for Natural Sciences

**Manipal Centre for Natural Sciences (MCNS)** is a “Centre of Excellence” at Manipal Academy of Higher Education dedicated to the pursuit of fundamental research. MCNS offers a regular PhD program for those who completed a Master's degree, and an integrated Ph.D. program for those who completed a Bachelor's degree (BSc/BE/BTech). The objective of both programs is to nurture researchers who will work in the forefront areas of natural sciences. The procedure for applying to the **regular Ph.D. program** is explained below.

## Astrophysics Research in MCNS

### Astrophysics research @ Manipal Centre for Natural Sciences



## Ph.D. Projects Offered in 2026-27

### Offered research areas and topics in the current call

#### PHYSICS

##### Sun and heliosphere:

- Investigating the Three-Dimensional Magnetic Topology of Sunspot Groups with Varying Magnetic Complexity  
– Dr Sreejith Padinhatteeri <https://orcid.org/0000-0002-7276-4670>

##### Compact objects, Extragalactic Astronomy and Cosmology:

- Elucidating magnetised tenuous plasma in the cosmic-web  
– Dr Surajit Paul <https://orcid.org/0000-0003-4046-6959>
- Hidden Black Holes in Stars: Spin Evolution and Internal Dynamics  
– Dr Chandrachur Chakraborty <https://orcid.org/0000-0003-4380-3033>

#### CHEMISTRY

##### Computational Chemistry:

- Modelling of Molecular Quantum Bits for Quantum Information Applications  
– Dr Suranjan Shil <https://orcid.org/0000-0001-5330-4081>

#### BIOLOGY

##### Evolutionary biology

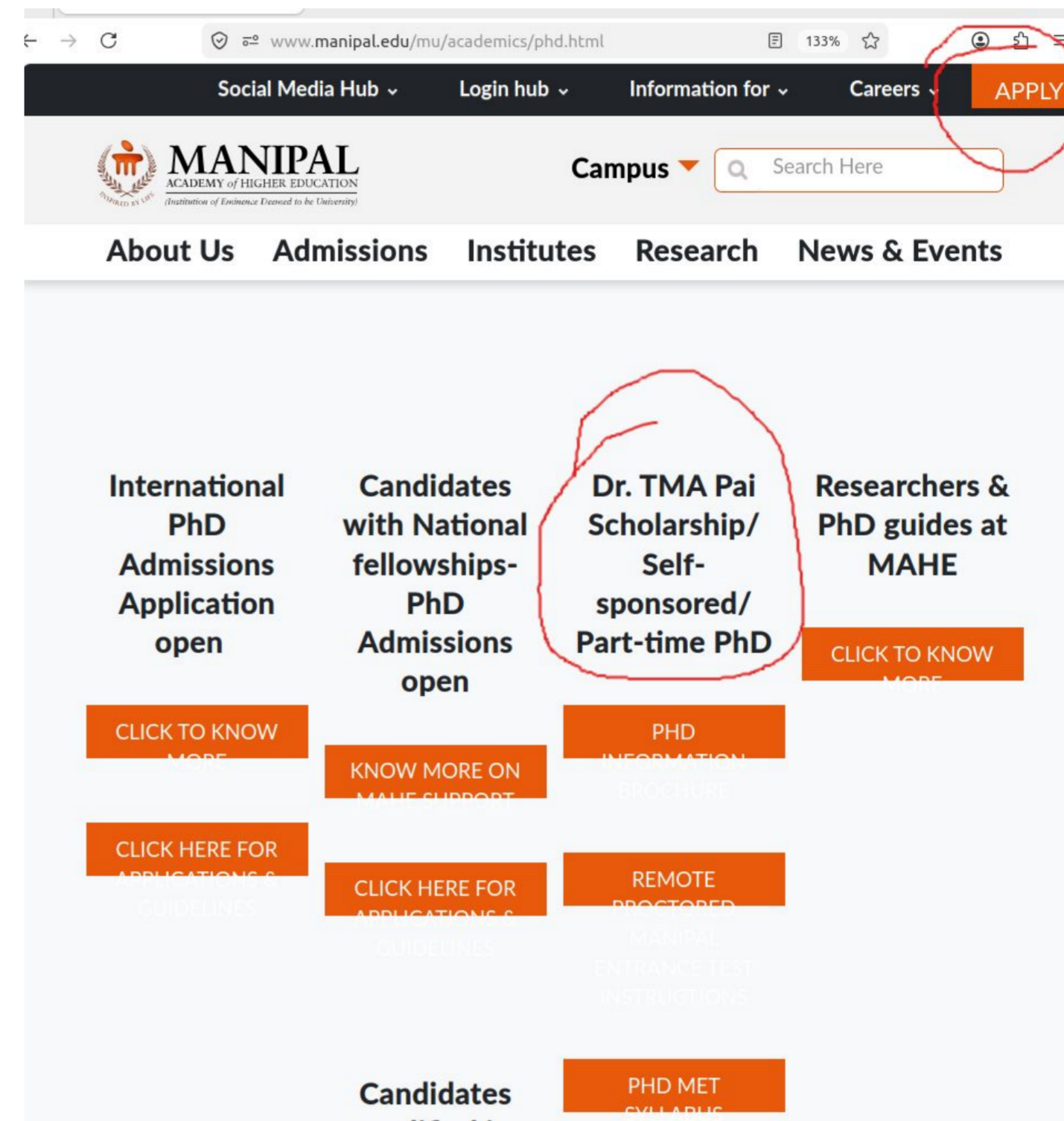
- Pollination Ecology of Lateritic Plateaus in the Western Ghats biodiversity hotspot  
– Dr Vivek Pandi <https://orcid.org/0000-0001-8141-2522>

## Online Application

**Step 1:** Go to the MAHE Ph.D. portal

<https://www.manipal.edu/mu/academics/phd.html>

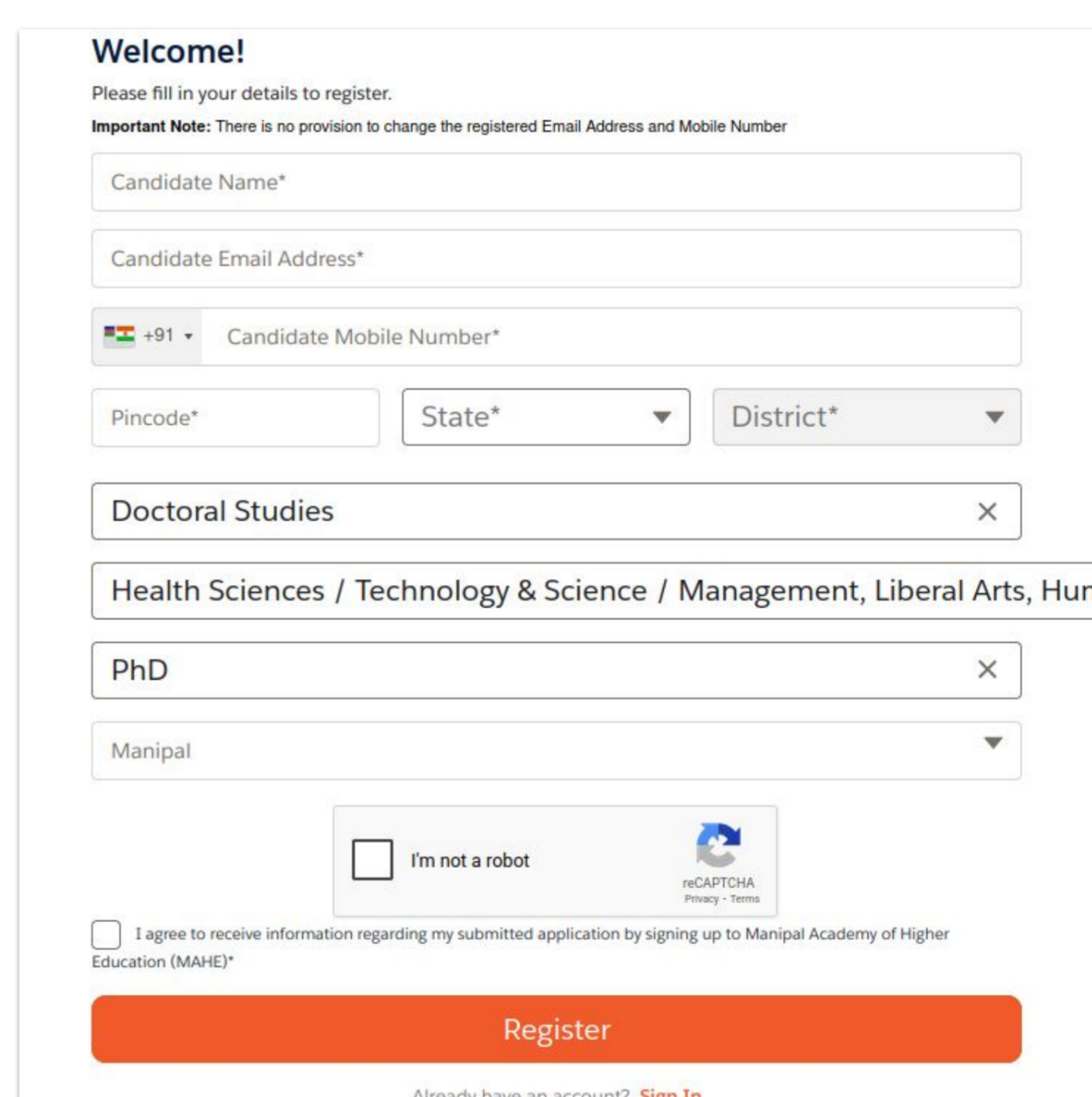
**Step 2:** Click on the “APPLY” button



**All candidates (except GATE/UGC-NET qualified) are required to qualify the PhD Manipal Entrance Test (MET) in Basic Sciences (Physics/Chemistry).**

## Filling the Registration Form

- Program Level Applying For – **Doctoral Studies**
- Select Stream – **Technology and Science**
- Select Campus Location – **Manipal**



Welcome!  
Please fill in your details to register.  
**Important Note:** There is no provision to change the registered Email Address and Mobile Number

Candidate Name\*  
Candidate Email Address\*  
Candidate Mobile Number\* (+91)  
Pincode\* State\* District\*

Doctoral Studies  
Health Sciences / Technology & Science / Management, Liberal Arts, Hum  
PhD  
Manipal

I'm not a robot  
 I agree to receive information regarding my submitted application by signing up to Manipal Academy of Higher Education (MAHE)\*

Register  
Already have an account? [Sign In](#)

**After this step, follow the further instructions to fill up the form and pay the fees**  
**You will receive an acknowledgement with application no. for future reference**

**For further details, please refer to the brochure at:**

[https://www.manipal.edu/content/dam/manipal/mu/documents/Admissions/adm2026/2026\\_27\\_PhD%20batch\\_1\\_InformationBrochure\\_25-05-2026.pdf](https://www.manipal.edu/content/dam/manipal/mu/documents/Admissions/adm2026/2026_27_PhD%20batch_1_InformationBrochure_25-05-2026.pdf)

**For further queries, please contact the MCNS office:**

Phone: 0820 292 3571

Email: [office.mcns@manipal.edu](mailto:office.mcns@manipal.edu)

**Faculty Webpage :**

<https://www.manipal.edu/mcns-manipal/department-faculty.html>

