



POST-DOCTORAL POSITIONS

Manipal Academy of Higher Education (MAHE), Manipal invites applications from eligible candidates for a limited number of vacancies at the level of **Post-Doctoral Research Fellow** at Manipal Centre for Natural Sciences (MCNS), Centre of Excellence, Manipal, a constituent unit of MAHE, Manipal. Current sub-fields of interest are listed below under each discipline.

The Manipal Centre for Natural Sciences is dedicated to the pursuit of fundamental research. Applications reflecting a demonstrated capability in addressing fundamental questions in Physics, Chemistry, Pure & Applied Mathematics and the Earth Sciences will receive full consideration. Weightage will be given to candidates who demonstrate the ability to conduct blue sky research with the potential for generating break-through ideas and future scientific leadership.

Foreign nationals are invited to apply.

Eligibility:

Exceptional candidates with an aptitude to work independently in any of the subject areas listed are invited to apply for Post-doctoral positions. Highly motivated PhD graduates are encouraged to apply. Fresh PhDs and applications received with up to 2 years of post-doctoral experience with an excellent academic record will receive full consideration.

Expertise in one or more of the following will be preferred: development of advanced instrumentation and experimental techniques, quantitative, modelling and parallel computing. All appointments are commensurate with experience.

PHYSICS:

(1) Astronomy and Astrophysics (2) Theoretical Physics (3) Experimental Nuclear Physics (4) Accelerator physics (5) Quantum cryptography (6) Geophysics (7) Causal modelling and foundations of quantum mechanics

Deadline: January 05, 2020

CHEMISTRY:

(1) Theoretical chemistry (2) Atmospheric chemistry (3) Isotope geochemistry (4) nuclear- and radio-chemistry

Deadline: January 05, 2020

EARTH & PLANETARY SCIENCES:

(1) Quantum biology (2) Geology (3) Planetary science (4) Ornithology (5) Palaeontology (6) Paleo-anthropology (7) Evolutionary and developmental biology

Deadline: January 05, 2020

How to apply:

1. Applications may be sent by email to jobs@manipal.edu and must include:
2. In the subject line: "MCNS" followed by the discipline (e.g. Chemistry, Physics etc as applicable) and area of specialisation
3. Photograph
4. A detailed CV highlighting leadership roles in projects undertaken, patents, IP etc.
5. List of publications
6. Names, Designations, email addresses of three internationally distinguished researchers familiar with the candidates' work who will be prepared to provide a letter of recommendation
7. A brief and conceptually clear description (not exceeding one page) of research plans, interests and goals in the context of fundamental research.

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