MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)

POST-DOCTORAL POSITIONS

Manipal Academy of Higher Education (MAHE), Manipal an Institution of Eminence Deemed to be University invites applications from eligible candidates for **Post-Doctoral Research Fellows** at the Manipal Centre for Natural Sciences (MCNS), Centre of Excellence, Manipal, a constituent unit of MAHE, Manipal.

MCNS is dedicated to the pursuit of fundamental research in many areas of **Physics, Chemistry and Biology**. Specifically this opportunity is in the **area of Astronomy & Astrophysics**. Applicants with abilities to complement ongoing research programs at MCNS are strongly encouraged. In particular, MCNS is seeking applicants with expertise in energetic particle interaction simulations with applications in nuclear physics and astrophysics research, design optimisation of instruments, etc. We seek candidates with good working experience using established Monte Carlo simulation toolkits like GEANT4, FLUKA, etc, MCNS interests are linked to future instrument design, estimation of radiation environment (charged particles, neutrons and photons) within spacecrafts, satellite mass modelling, etc.

MCNS is also keen to receive applications from Astronomy / Astrophysics Ph.D graduates with expertise in Infrared and X-ray data analysis and modelling, from ground and space observatories that support ongoing research in areas of star formation, dust scattering & radiative transfer and AGN studies.

Foreign nationals are also invited to apply.

For more details, visit: https://manipal.edu/mcns-manipal.html

Eligibility

- Exceptional candidates with an outlook to work independently in any of the subject areas listed, are invited to apply for Post-doctoral positions. Highly motivated recent PhD graduates (within 3 years) are encouraged to apply.
- Exceptional candidates with greater than 3 years of PDF experience and with an excellent academic record (in any of the listed areas), will also receive full consideration.
- Expertise in development of advanced instrumentation and experimental techniques will be preferred.
- All appointments are commensurate with experience.

The subject field in the email must contain: POST-DOCTORAL POSITION – MCNS

Eligible candidates may apply with a detailed CV including copies of certificates in support of qualification, experience and research publications via email on or before September 10th 2023 to **jobs@manipal.edu**

Director – HR
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