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Postdoctoral Fellowship in Paleoproteomics and Stable Isotope Analyses of Archaeofaunal Remains

The Indian Institute of Technology Gandhinagar (IITGN) invites applications for an institute funded Postdoctoral Fellow position.

Job description: The successful applicant will play an active role in developing a vibrant research program and laboratory facilities dedicated to collagen fingerprinting (Zooarchaeology by Mass Spectrometry- ZooMS) and multi-element stable isotope applications to modern and archaeological faunal datasets. The applicant must be highly self-motivated, independent, and interested in working within interdisciplinary teams consisting of archaeologists and scientists from diverse backgrounds to investigate and reconstruct past human-animal interactions. The fellow will receive extensive training and mentorship in scientific archaeological research methods and analyses.

Eligibility: Candidates must hold a Ph.D. in Biology/Chemistry/Biochemistry/Isotope Geochemistry from recognized institutions/universities with good academic track record and publications. Candidates who have submitted their thesis are also eligible. Candidates should demonstrate proficiency in sample preparation for analyses, laboratory procedures and analytics, handling relevant equipment (Mass Spectrometers) and interpretation of results. They should have sufficient knowledge of statistical analysis and/or bioinformatics. An interest in Archaeological Sciences and fieldwork is desirable but not essential. Good oral and written skills in English are a must.

Duration: The initial appointment will be for 1 year, extendable for one more year based on performance.

Remuneration: INR 45,000 to 55,000 per month, depending on qualifications and experience.

Application procedure: Please direct all queries to Prof. Sharada C V (sharada.c@iitgn.ac.in).

Candidates must e-mail the following documents as a single PDF file attachment to Prof. Sharada C V: 1) CV containing scholastic record and publications, 2) cover letter stating a potential joining date and expressing your experience, suitability and interest in the topic of the project, 3) 1-page document describing previous research accomplishments and long-term goals, and 4) contact details of at least 3 references.

Applications will be received and processed until a suitable candidate is selected. However, applications received before 16th September, 2019, may be considered on priority basis. Shortlisted candidates will be called for a skype interview.