

About Das Lab

My lab is interested in tracing the ancestral origin and biogeographical affiliation of various human and endangered animal populations. Understanding our ancestry is not only a 'homing' tool bringing you closer to your evolutionary past but also holds the key to detect ancestry/population specific disorders, develop personalized medicine, identify potential suspects by shortlisting individuals based on their ancestry, and preserve biological diversity by maximizing genetic diversity through outbreeding and genomic admixture and preventing inbreeding among genetically related individuals. For more information please visit <http://dasranajit.wixsite.com/daslab>.

Project

Development of a novel ancestry determination equation, which will be subsequently translated into a novel and user-friendly ancestry-determining software.

Profile

Applications are invited for one Doctor of Philosophy (PhD) position funded by Yenepoya Research Centre (YRC), Yenepoya (Deemed to be University), Mangalore, Karnataka.

Duration

The selected candidate will be appointed for Three-year PhD position.

Salary

The selected candidate will be fully funded by YRC. Salary will be as per standard University pay scale.

Qualifications

- a. Eligibility:** Postgraduate degree - MSc. or MTech. (with minimum 60% marks or equivalent) in Mathematics/Applied Mathematics, Statistics/Biostatistics with 12th standard biology knowledge. Candidates who have qualified CSIR-UGC NET JRF or lectureship (LS), GATE will be preferred.
- b. Experience:** Sound knowledge of Mathematics/Statistics is prerequisite for this position. In addition, candidates with basic knowledge of computational biology, bioinformatics and genetics will be preferred.

To Apply

Interested candidates may submit their detailed CV with a one page cover letter summarizing their suitability for the post, future goals, names and contact information of at least two referees with the subject line: 'PhD Application for ancestry equation project' to Dr Ranajit Das, Assistant Professor, YRC, Yenepoya, Mangalore via email to das.ranajit@gmail.com. **Deadline:** 15th August 2020.