



# Yenepoya University

University Road, Deralakatte, Mangaluru 575 018

Applications are invited for the three posts of Junior Research Fellow (JRF) as permissible for the following DST and DBT funded projects

**Number of positions:** Three

**Duration of the fellowship:** Three years and co-terminus with the project

**Amount of fellowship:** As per DST and DBT norms

**Project 1:** Carbon Nanodots Caged Nano-Gel for Therapeutic Drug Delivery of Latanoprost for Glaucoma Management (PI: Dr K. Sudhakaraprasad, DST Sanction no. CRG/2018/000338).

**Project 2:** Development of Thermoresponsive Polymer Nanogels for Sustained Release of Bevacizumab towards Efficient Treatment of Diabetic Macular Edema (PI: Dr Renjith P. Johnson, DST Sanction no. CRG/2018/000380).

**Project 3:** Development and Application of High Resolution Genome Conformation Capture Technology to Investigate Genome Architecture in Space and Time (Inter-institutional project; PI: Dr Shyama Prasad Rao).

#### Qualification:

**Project 1:** Master's Degree (M.Sc. or M.Tech. or equivalent) in Chemistry, Material Science, Nanoscience/Nanotechnology with minimum of 55% marks or equivalent CGPA.

**Project 2:** Master's Degree (M.Sc. or M.Tech. or equivalent) in Biopolymer Science, Polymer Chemistry, Chemistry, Nanoscience/Nanotechnology with minimum of 55% marks or equivalent CGPA or 2 years of post M.Sc. research experience with publication record and experience in small animal experiments.

**Project 3:** M.Sc./M.Tech. in Bioinformatics/Biological Sciences/Statistics/Computer Science. Essential skill: Bioinformatics, NGS data analyses, Databases, Data analyses, Research experience and publications.

CSIR-NET/GATE qualified candidates will be given preference. Candidates with good academic record and excellent communication skills in written and spoken English are desirable. Selected candidate will work in interdisciplinary field.

Interested candidates can e-mail their application with a cover letter and detailed CV to the [research@yenepoya.edu.in](mailto:research@yenepoya.edu.in) on or before **10 May 2019** with a subject line specifying the project for which the applied.

**Registration for Ph.D.:** Selected candidate shall register for the Ph.D. programme at Yenepoya University (Deemed to be University).

Only short-listed candidates will be notified for interview.