

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS) BHOPAL Saket Nagar,  
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Website : [www.aiimsbhopal.edu.in](http://www.aiimsbhopal.edu.in)

**Department of Biochemistry, AIIMS Bhopal**

**Advertisement for the Post of Junior Research Fellow (JRF)**

Online Applications are invited for post of Junior Research Fellowship to be appointed by MPCST funded research project “Molecular characterization and phylogenetic analysis of *dengue virus* and *dengue like virus* in prediction of dengue disease risk in central India” sanctioned to Prof S.K Goel, Head, Department Biochemistry, AIIMS Bhopal, Dr Rashmi Chowdhary, Associate Professor, Department Biochemistry, AIIMS Bhopal, DrRajnish Joshi, Associate Professor General Medicine, AIIMS Bhopal, Prof D. Biswas, Head , Department of Microbiology, AIIMS Bhopal, Dr Abhijit Pakhare, Associate Professor Community and Family Medicine, AIIMS Bhopal

Project Description:Dengue caused by mosquito-borne dengue-virus (DENV) (Flavivirus) became a major public health issue globally in unavailability of vaccine. Madhya Pradesh surrounded by DENV prone states has recorded fatal dengue in last 3-years. Bhopal city being located in the central India with many natural and man –made water has registered increased number of dengue cases with high mortality and morbidity reported with 16% increased infectivity since the last five years is cause of concern.

The surveillance based only on viral genome identification is not sufficient for planning dengue disease prevent strategies. This hospital based epidemiology study will provide surveillance that would be backed with details on identification of circulating emerging / reemerging dengue isolates & genotypes including the proportion of mosquito-vectors infected with DENV and periodic surveys of seroprevalence rates of the population by using molecular epidemiology, immunology and bioinformatics analysis for better understanding of the disease control in central India.

Position	Junior Research Fellowship (JRF) One
Essential Qualification	MSc Life Science/ Biochemistry/Microbiology/Biotechnology with first division. Work experience in virology lab is preferable. Age : < 35 years
Stipend	As per MPCST Bhopal rules
Duration	Up to 2 years depending on the funding availability and research progress
Last Date for submitting application	01/10/2018 Scanned copy of completed application form in PDF format shall be emailed to nidhikankan1005 @gmail.com with subject : Application for JRF-Dengue, MPCST
Date and venue for written exam/interview	10/10/2018 Only shortlisted candidates will be invited for written exam/interview to be held at the Department of Biochemistry,AIIMS Bhopal

Terms and conditions:

Original documents will be verified before the written exam/interview. TA/ DA will not be paid for appearing in the written test/interview. The post is temporary, governed by recruitment norms of AIIMS Bhopal for temporary staff and employment will automatically

terminate upon completion of project and there is no liability for permanent employment on AIIMS Bhopal or Principal Investigator or funding agency.