

**Inter University Centre for Genomics and Gene Technology**  
**Department of Biotechnology**  
**University of Kerala**

Admission Notification  
**Post Graduate Diploma in Molecular Diagnostics**

The Inter University Centre for Genomics and Gene Technology funded by the Dept. of Higher Education, Govt. of Kerala is an inter-disciplinary multi-institutional facility which focuses on frontier areas of research in life sciences including DNA diagnostics, recombinant vaccine development, genetic engineering, plant/animal tissue culture, protein engineering and microbial technology. This centre aims to bridge the lacunae in the available modern research technologies in various research Institutions/University departments across the country, and to promote research co-operation between academics and industry.

The course on Molecular diagnostics will provide the theory and use of molecular techniques in the arena of diagnostics with importance on nucleic acid based techniques like Polymerase chain reaction (PCR), quantitative real time PCR (qRT-PCR), microarray analysis, chromosomal techniques, hybridization techniques like FISH, FACS and DNA bioinformatics tools. The laboratory exercises are designed to provide a hands on context for the topics presented in the syllabus.

**Application forms**

Application forms can be obtained from the Department of Biotechnology on payment of Rs. 250/- for General category and Rs.100/- for SC/ST candidates. The amount to be remitted by way of Demand Draft in favour of the Head, Department of Biotechnology, University of Kerala, payable at State Bank of Travancore , Kariavattom Branch. (Demand Draft should be taken either from SBT or from SBI only) Completed application with resume and copies of certificates should reach the Inter University Centre for Genomics and Gene Technology, Department of Biotechnology **on or before 30<sup>th</sup> July, 2016.**

**Eligibility for admission**

A first class M. Sc., Degree in Biotechnology, Biochemistry, Microbiology, Genomics Sciences, Botany, Zoology, Medical Sciences, Agriculture, Veterinary

Sciences, Fisheries Sciences, Pharmacy, MLT, or M. Tech. in Biotechnology , or Post graduate degree in a branch of Life Sciences or equivalent. A minimum marks of 50% or equivalent for SC/ST candidates.

### **Mode of selection**

Highly motivated candidates who really wish to pursue their career on thrust areas of Biotechnology only need to apply. Please visit [www.keralauniversity.ac.in](http://www.keralauniversity.ac.in) for details. Interested candidates may send their application in the prescribed format along with resume and attested copies of relevant certificates on or before 8<sup>th</sup> July, 2016 by hand or post in the address given below. The short listed candidates will be called for a written test followed by an interview. Selection will be made based on the marks obtained in the entrance test conducted by the University and Reservation policy stipulated by the Government from time to time. A total of 10 students will be selected each year. The details of written test/interview will be intimated later. No TA/DA will be paid for attending the interview.

Address for correspondence  
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