

VIDYASAGAR UNIVERSITY

MIDNAPORE-721102

DBT-Sponsored 21 days short term training cum Refresher course for mid- career scientists and teachers (UG/PG) entitled "Application of Metagenomics and Proteomic approaches in the crossroads of Biological Science" will be held at Department of Microbiology, Vidyasagar University on and from 25th October- 18th November,2017.

For application form and other details please visit www.vidyasagar.ac.in. Last date of application: 25th September 2017.

Dr. J. K. Nandi

Registrar

Pl. publish it in -

1. The Times of India

21 days Short-Term Training on Application of Metagenomic and Proteomic Approaches in the Crossroads of Biological Sciences

(A Refresher Course for mid-career Scientists/UG & PG Teaching faculty)



Sponsored By

Department of Biotechnology
Government of India

25th October - 18th November, 2017



Organized By

Department of Microbiology
Vidyasagar University

Venue: Dept. of Microbiology and Bioinformatics
Infrastructure Facility (BIF), Vidyasagar University,
Midnapore, West Bengal

Who can attend: Mid-career scientists & UG/PG
Teachers of Biotechnology and allied sciences

Course fees: Nil for academic participants.

For Industrial Participants: Rs. 4000.00

(Accommodation will be provided with extra charges on request)

Last Date of Application: 25th September, 2017

Total seats: 25

How to apply: Soft copies of application forms are
available in the University website
(www.vidyasagar.ac.in).

Members of the Core-committee:

Dr. Keshab C. Mondal, Dept. of Microbiology

Prof. Bikas R. Pati, (Retd.), Dept. of Microbiology

Prof. Chandradipa Ghosh, Dept. of Physiology

Prod. Jayanta K. Kundu, Dept. of Zoology

Prof. Subrata K. De, Dean, Faculty of Science (Advisor)

Prof. Damodar Mishra, Dean, Faculty of Arts & Comm.(Advisor)

Course Content :

Theory & Hands-on Training, industrial visit

Major Topics Include

Genomics

PCR & RT-PCR

PCR-Primer designing

Metagenomics : Overview and Techniques to study
microbial ecology

Evolutionary Genomics & Epigenetics

Genomic Database & Genome browsers

Basics of DNA Sequencing

Next Generation Sequencing

Microarray Technology

Gene polymorphism

Docking, Molecular simulation and dynamics

Computational analysis for Biological data and
disease prediction

Protein / peptide separation techniques

Protein based biomarker development

Metabolomics

Protein mass spectrometry / structural mass
spectrometry

Quantitative and functional proteomics

Biosafety norms and intellectual property right
(IPR)

Documentation of QA & QC norms in an Industry

For contact & application submission : Dr. K C Mondal, Course Director
Department of Microbiology, Vidyasagar University, Midnapore, Pin 721102, West Bengal
Phone: 094341 96483, Email: mondalkc@gmail.com

21 days Short-Term Training on

**Application of Metagenomic and Proteomic Approaches
in the Crossroads of Biological Sciences**

(A Refresher Course for mid-career Scientists/UG & PG Teaching faculty)

25th October – 18th November, 2017

Venue: Department of Microbiology, Vidyasagar University, Midnapore

Application Form

Name of the Participant (In block letters):

Educational Qualification & Research Experience:

Professional Career:

Present Designation (place and nature of work):

Date of Birth:

Corresponding Address:

Phone Number:

Email:

Do you require accommodation at Midnapore Town?

Signature of the Applicant

Date:

Place:

Recommendation by the Head of the Institute:

Signature:

Name:

Seal:

Note: For participants employed in public sector no course fee will be required. Course fees of Rs. 4000.00 will be required for other candidates. Payment details will be provided later after confirmation of candidature.

Evaluation form

[extra sheet may be attached if necessary]

1. Research and teaching Experience:

2. R&D facilities available at the laboratory of the participant:

3. Present & future research interests:

4. Scientific Collaborations (if any):

5. Ongoing R&D projects/programmes:

6. Relevant publications by the participant during last 4 years:

7. Provide a brief statement of proposal about how do you intend to make use of this training in your research

8. Did you recently applied or attend any similar course sponsored by DBT?