

## ORGANIZING COMMITTEE

### Chief Patron

Hon'ble Dr. Rajan M. Welukar,  
Vice Chancellor, University of Mumbai

### Patrons

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Pro-Vice Chancellor, University of Mumbai

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Director, B.C.U.D. University of Mumbai

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#### Dr. B. L. Jadhav

Director, WRIC

University of Mumbai

#### Dr. P. Y. Patil

Co-ordinator

Sub-centre, Ratnagiri

Mob:09881735210

### Program Co-ordinator

#### Mr. K. K. Mahajan

Technical Officer II

Mob: 09221052804

### Course Co-ordinator

#### Mr. N.N. Rao

Technical officer I,

Mob:09869128248

### Organizing Secretary

#### Mr. N.S. Rokade

09421530075

### Treasurer

#### Dr. P. C. Andage

07709977380

### Secretary

#### Mr. S. B. Manjare

09881954889

### Member

#### Mr. J. C. Bhangoji

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### Faculty

• K.K. Mahajan

• A. S. Oka

• M. B. Shidruk

• Devendra Gunde

• N.N. Rao

• Sudhir Kumar

• Chitte Govind

## NATIONAL WORKSHOP

### ON

## “MAINTENANCE AND OPERATION OF LABORATORY EQUIPMENTS”

(10<sup>TH</sup> – 14<sup>TH</sup> NOV. 2014)

### Application Form

1. Name of the applicant .....
2. Gender: Male/Female .....
3. Date of Birth .....
4. Name of your College/  
Organization .....
5. Correspondence address .....
6. Phone No. (Off. &Resi)  
Fax &Mobile .....
7. E-Mail .....
8. Educational Qualifications; .....
9. Present Position .....
10. Teaching: UG/PG-  
Subject & Responsibility .....
11. Work experience .....

Certified that I have filled up the above form truthfully

(Signature of the applicant with date)

12. Forwarding note of Head of the Department/Principal regarding candidates suitability and benefit of this training to his own institution (for employees only)

Date :

Place:

(Signature Name & Seal of Head of Institution)

**Details of registration fee: Amount of Rs.850/- D.D. No..... Date ..... [Demand draft be drawn from any nationalized bank in favour of “Finance and Accounts Officer, University of Mumabi” payable at Mumbai.**

## UNIVERSITY OF MUMBAI



### RATNAGIRI SUB-CENTRE

### National Workshop On

## “Operation and Maintenance of Laboratory Equipments”

**10<sup>th</sup> – 14<sup>th</sup> November 2014**

in association with



Western Regional Instrumentation Centre,  
Mumbai.

Dr. PATIL. P. Y.

### CO-ORDINATOR

SUB-CENTRE, RATNAGIRI

UNIVERSITY OF MUMBAI

P-61, MIDC, MIRJOLE,

RATNAGIRI-415 639

**TEL.NO. +91 (2352) 230086 / 230088**

**FAX: +91 (2352) 230044**

**E-MAIL: [pypatil2009@gmail.com](mailto:pypatil2009@gmail.com)**

**Website: [www.mu.ac.in/ratnagiricampus](http://www.mu.ac.in/ratnagiricampus)**

**NATIONAL WORKSHOP  
ON  
“MAINTENANCE AND OPERATION OF  
LABORATORY EQUIPMENTS”  
(10<sup>TH</sup> – 14<sup>TH</sup> NOV. 2014)**

**BACKGROUND:**

Visualizing the need to cater academic and administrative services to the students of Konkan region, the University of Mumbai initiated an Administrative Sub-Centre at Ratnagiri on September 05, 1989. Initially the main purpose of the Sub-Centre was to decentralize some of the student services. The University of Mumbai subsequently acquired 13 acres of land for Sub-Centre at Plot No. P-61, MIDC, Mirjole (Ratnagiri) and shifted its base into its own premises. The Sub-centre organizing a National workshop on “Maintenance and Operation of Laboratory Equipments” during November 10 – 14, 2014 to bring awareness about the emerging disciplines among the Teachers, Researchers and Lab. Technicians.

**OBJECTIVES:**

1. To impart the knowledge and up gradation of skills of operation and maintenance of laboratory instruments for teachers those are involve in Teaching, Research and Lab work.
2. To handle with care of physio- chemical & Biological parameter/equipment with the latest technical knowledge of scientific practices, which are used in teaching during practical class, Research and lab work.

**INFRASTRUCTURE FACILITY:**

Proposed operation and maintenance of laboratory instruments workshop under available equipment's at Ratnagiri, Sub-centre:- UV Vis Double Beam Spectrophotometer, Flame Photometer, Electrophoresis, Flourimeter, GC-MS, FTIR, Voltametric Analyzer, KjeldahNitrogen estimation, Soxhlet Instrument, Fiber Analysis System, pH meter, Potentiometer, Colorimeter, Conductometer, Microwave-oven, Laminar Air- flow etc.

**METHODOLOGY:**

The workshop includes blend of lectures, demonstrations, hands on practice, discussions and visits. Emphasis will be given on the operation, demonstrations aspects of instruments followed by proper interpretation.

**QUALIFICATION/CRITERIA/ELIGIBILITY:**

B.Sc./M.Sc./Research Students/Academicians from any Science stream.

**PROGRAMME I:**

Chemistry & Biological Sciences- Maximum Number of Participants 25.

**PROGRAMME II:**

Physics- Maximum Number of Participants 15.

**TOTAL PARTICIPANTS: 40**

**NOTE:** Colleges must send their Instruments for repairing with their participants on their own responsibility.

**RESOURCE PERSON:**

The course will be conducted mostly by experts draw from various centers/ institutes/ organizations of National importance in addition to the below,

- Western Regional Instrumentation center (WRIC), Mumbai University, Mumbai.
- Scientific staff from various instrumentation and workshop centers i.e. reputed firms, manufacturer of instrument companies.

**VENUE AND DURATION:**

The workshop will be conducted at Ratnagiri, Sub-centre, University of Mumbai, P-61, and MIDC-Mirjole Tal /Dist –Ratnagiri- 415639 MS. During Nov. 10– 14, 2014.

**REGISTRATION FEE & HOW TO APPLY:**

Nominations of candidates should be sent positively latest by 05<sup>th</sup> November 2014. The application format must be accompanied by a registration fee of Rs.850/- in form of demand draft drawn from any Nationalized Bank in Favour of “ Finance & Accounts Officer, University of Mumbai” payable at Mumbai.

**ACCOMMODATION:**

Accommodation can be arranged on request from participants' on additional charges on sharing basis.