

About the host institution

Established in 1958, Govt. D.B. Girls' P.G. (Autonomous) College, Raipur is affiliated to Pt. Ravishankar, Shukla University and ranks among the most reputed colleges of the state, accredited with 'B' grade by NAAC. The college received autonomous status in the year 1989. It is also recognized as Centre with Potential for Excellence, Community College Scheme, Center for Women Studies, Sugamaya Bharat Abhiyan etc. by UGC.

About WRIC

Western Regional Instrumentation Centre (WRIC), Mumbai is an autonomous institute established in 1977 and fully funded by the University Grants Commission (UGC), Government of India, New Delhi in association with University of Mumbai. WRIC is the only Regional Instrumentation Centre in India and which has now been recognized as a National Facility Centre for Instrumentation by UGC.

The overall impact of the Centre's activities since its inception has been to further the UGC's efforts in creating adequate, self-supporting infrastructure in the Indian universities by providing research, maintenance, testing and measurement services in the field of instrumentation

WRIC aims to be:

- Resource Centre to create necessary facilities for Instrumentation programmes.
- Role model for providing instrument services such as calibration (Electro technical, temperature and pressure), Repair and maintenance, Glass blowing, Instrument fabrication services, organizing Maintenance camps
- Centre for Design and Development of new teaching aids to facilitate teaching, research
- Resource Centre for conducting training programmes in instrumentation and instruments repair and maintenance
- Resource centre for R&D in instrumentation for Education, Research and Industries.

Organizing Committee

Chief Patron

Hon'ble Dr. Keshrilal Verma
Vice Chancellor,
Pt. Ravishankar Shukla University,
Raipur-492010

Co-chair

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Program Co-ordinator
Mr. K. K.Mahajan
Technical Officer III

Course Co-ordinator
Mr. N.Nageswara Rao
Technical officer I

Organizing Secretary
Dr. Maya Shedpure, Professor in Zoology
Dr. M.L. Verma, Professor in Physics

Technical Resource Persons from WRIC

K.K.Mahajan, N. Nageswara Rao
Sunita Batra, Sudhir Kumar,
Milind Shidruk, Devendra Gunde

Local Organizing Committee Members

Dr.Ragini Pandey, Dr. Richa Tikariha, Dr. Neetu Harmukh, Dr. Bhupendra Sen, Dr. Kiran Dewangan

Govt D.B. Girls' P.G. (Autonomous) College, Raipur-492001



National Workshop On "Operation and Maintenance of Opto Analytical Laboratory Equipments" (NWOMOLE, 2020)

6-10 January, 2020

in association with



Western Regional Instrumentation Centre, Mumbai.

(National Facility Centre for Instrumentation
of
UGC, New Delhi)

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Dear Sir/Madam,

Govt. D.B. Girls' P.G. (Autonomous) College, Raipur in association with UGC's Western Regional Instrumentation Centre, Mumbai, is organizing a Five day National Workshop on "Operation and Maintenance of Opto Analytical Laboratory Equipments" from 6-10 January, 2020. The keen motivation behind organizing this programme is the fact that most of the faculties/ technicians in colleges are not trained adequately on the repair/maintenance of electronic equipments. Many laboratories have a large number of equipments abandoned due to very minor defects. Also, the money that is spent for the repair and maintenance of these equipments is very large. Again, the repairing cannot be performed in time leading to several difficulties in the smooth functioning of laboratories. In a separate dimension, the wastes emerging from electronic equipments is alarming and is going to be a great challenge for the present scientific community. The workshop focuses on these issues.

The training will be given on the essential equipments of any B.Sc. or M.Sc. laboratories like Analytical Electrical and optical Instruments etc. The participants are welcome to bring their electronic equipments (Only one or two equipments) from their laboratories that needs repair.

Scope:

The program curriculum has been specifically designed for technical and scientific staff of science departments of Higher Education Institute. This program aims at imparting skills in operation, maintenance and repairs of laboratory instruments commonly used in science laboratories.

Physics, Chemistry and Biological Sciences

- Introduction to the basic of electric and electronic equipments and components.
- Awareness and requirement of general repairs and maintenance of laboratory instruments.

- Repairing of electrical instruments like, hot plate, heating mantel, magnetic stirrer and water bath.
- Working, proper handling and repairing of temperature controlled oven, incubator and water bath.
- Working principle repairing, maintenance and calibration of pH meter, pH electrode, colorimeters, flame photometer, spectrophotometer and conductivity meter .
- Operation, repairing and maintenance of optical Microscope and analytical balance.

Maximum number of participants : 30

Note : Colleges may send their Instruments for repairing with their participants

Registration Fees - Rs 1500/- (For Teaching faculty)
Rs 1000/- (For Lab Technicians)
Rs 800/- (For Research scholars)

The registration fee can be paid through DD/Cheque /cash in favour of Principal, Govt D.B. Girls' P.G. College , Raipur .

Accommodation can be arranged on request from participants with additional charges.

Important Dates :

Last date for registration: **31.12.2019**

Last date for accommodation request: **31.12.2019**

Contact numbers:

- Dr. Maya Shedpure, 9300202444
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- Dr. Raginee Pandey, 9425213726
- Dr. Richa Tikariha, 9301819000
- Dr. Neetu Harmukh, 9406241909
- Dr. Bhupendra Sen, 9098710075
- Dr. Kiran Dewangan, 9907144122

APPLICATION PROFORMA

National Workshop on Operation and Maintenance of Opto Analytical Laboratory Equipments (6-10 January, 2020)

Name and Designation of Applicant :

Correspondence Address :

Tel. (Res.) _____ (Off.) _____

(Mob.) _____ (Fax) _____

E-mail _____

Age _____

Educational and Professional Qualification : _____

Nature of Present Job : _____

Sponsoring Department/College : _____

D.D./Cheque No. _____ dated _____

Drawn on _____

for ` _____ or cash _____

Signature of the Candidate _____

If selected Prof./Dr./Mr./Ms. _____ will be relived to join the workshop/training programme

Recommendation of Head/Principal/Director of Department/College/Institute