

PHYSICAL SCIENCE SKILL DEVELOPMENT TRAINING WORKSHOP

on

Basic Laboratory Skill and Safety Management in Physical Sciences

March 12-13, 2019

Organized by

Skill Development Cell & School of Physical Science
GURU GHASIDAS VISHWAVIDYALAYA,
Bilaspur (Chhattisgarh), India

Background

Laboratory safety involves the development of skills and responsibility and must be an integral part of every physical science curriculum. This means that safety awareness must be integrated into each laboratory course including research with increasingly broader scope at more advanced levels. The creation of a culture of laboratory safety requires a broad commitment from all levels of the educational institution. At the department level, faculty need to assume responsibility for continuing review of safety issues with students in teaching and research laboratories, especially the persons responsible for undergraduate instruction, often graduate students or instructors. Faculty must lead by example in a coordinated departmental safety effort. At the administrative level, this will involve implementation of a chemical hygiene plan that is in agreement with any campus chemical hygiene/safety efforts and must address the safe handling, storage, disposal of chemicals and radiations as well. Eye wash and showers must be in operating condition, and fume hoods with proper sashes are essential. Anyone working or visiting in the lab must be wearing goggles, and consumption of food or drinks must not be permitted. A clean, uncluttered laboratory is more likely to encourage careful work. Development of safety skills may be divided into four emphasis areas.

- Recognize Hazards
- Assess Risks
- Minimize Risks
- Prepare for Emergencies

Objectives of the Workshop

- ✦ Basic skills and ethics in experimental sciences
- ✦ Working with Test and measurements
- ✦ Working with high field equipment voltage and current
- ✦ Working with volatile and hazardous substances
- ✦ Safety management of radiation sources and environment.

Organizing Committee

CHIEF PATRON

Prof. Anjila Gupta, Honorable, Vice Chancellor.
Guru Ghasidas Vishwavidyalaya, Bilaspur.

PATRON

Prof. Goutam Kumar Patra, Dean School of Physical Science
Guru Ghasidas Vishwavidyalaya, Bilaspur

Nodal Officer Skill Development

Dr Rajesh Kumar Bhushan

COURSE CO-ORDINATOR

Dr. Subhash Banerjee

Department of Chemistry, School of Physical Sciences, Guru Ghasidas Vishwavidyalaya,
Bilaspur.

Registration fee: Rs 200/

Target group: UG/PG students, Research Scholars, young researchers

Number of participants: 80-100

Program schedules

12/03/2019	
09:30-11:00	Registration of participants
11:00 AM-11:45 AM	Inauguration session
11:45 AM -12:30 PM	Tea Break
12:30 PM -02:00 PM	Technical session I /demonstration
02:00 PM-02:45 PM	Break
02:45 PM-05:30 PM	Technical session II /Practical/demonstration
13/03/2019	
09:30 AM-10:15 AM	Tea
10:15 AM-12:30 PM	Technical session III/ Practical/demonstration
12:30 PM - 01:30 PM	Break
01:30 PM -04:00 PM	Technical session III /Practical/demonstration
04:00PM-05:00 PM	Valedictory Ceremony

REGISTRATION FORM

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1. Name (in Block Letter):
2. Father's Name:.....
3. Qualification:.....
4. Department:.....
5. Mobile No:.....
6. Email:.....
7. Experience if any:.....
.....
8. How the workshop will helpful for your future plan:.....
.....
.....

Signature of Candidate:.....
Date:.....

Head of Department
Date:

For further information please contact

Dr. Subhash Banerjee, Course Coordinator
Department of Chemistry, GGV, Bilaspur.

Mobile: 91-7587401979
Email: ocsb2006@gmail.com

Received Rs:.....as Registration fee for Physical Sciences skill development Training Workshop on **Basic Laboratory Skill and Safety Management in Physical Sciences.**

Signature