



DEPARTMENT OF PHYSICS



Add On Course on Laboratory Skill Development

Date: 01-11-22 to 06-12-22
Classes from 5 PM to 7 PM
every Tuesday, Thursday and Friday

Venue : Dept. of Physics, Room No. 110

Notice No-

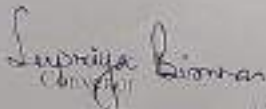
Gour Mahavidyalaya, Mangalbari, Malda

Date-01/07/2022

Academic Council

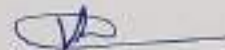
Notice

All the Heads of the 20 departments are requested to select an ADD-ON COURSE for the session 2022-2023, and the need to inform me through a letter about the name of that course within 10 days. They are also requested to begin classes of 30 hours of the ADD-ON COURSE, and maintain the record properly (students' daily attendance sheet duly signed by the teacher and photo of classes).


Supriya Biswas

Academic Council 01/07/2022

Gour Mahavidyalaya
Convenor
Academic Council
Gour Mahavidyalaya
Mangalbari, Malda



Principal

Gour Mahavidyalaya

Malda

Principal
GOUR MAHAVIDYALAYA
Mangalbari, Malda.

To
The Principal
Gour Mahavidyalaya
Mangalbari, Malda

Through The Coordinator, Academic Council, Gour Mahavidyalaya, Malda

Subject- Approval of Add-On Course for Department of Physics, Gour Mahavidyalaya

Sir

This is to inform you that the Department of Physics is going to conduct an Add-On Course on "Laboratory Skill Development" with the students of Physics department during the period from 01/11/2022 to 05/12/2022. The course duration is 30 (thirty) hours. I therefore request you to approve my proposal so that we can start the above mentioned Add-On Course with the students of our department as early as possible.

Thanking you

Asha Chaudhary
(Dr. Asha Chaudhary)

Assistant Professor

Dept of Physics

Gour Mahavidyalaya

28-10-22

Received _____ Principal
GOUR MAHAVIDYALAYA
Mangalbari, Malda.

28/10/22
Principal
GOUR MAHAVIDYALAYA
Mangalbari, Malda

Course Objectives

After attending this add on course, participants would be able to:

- explore role of laboratory in students learning
- explore laboratory instruction and laboratory manual
- explore development of laboratory exercise
- explore preparation of laboratory report
- explore common hazards in laboratory
- explore safety management in laboratory
- explore safe operating procedure (SOP) in laboratory activity
- explore assessment of student learning in laboratory.

Possible Outcome

This is a unique opportunity for the students. The speakers themselves are very good experimentalists. The classes would be very helpful for the students in understanding the basic laboratory activity. This will help them a lot in future when they will pursue higher studies and research.

Course Fees

Free of cost

Registration Form

Add On course on Laboratory skill development

1st September to 1st October 2022

Name-

Affiliation-

Designation-

Email-

Mobile-

Address for Communication-

Purpose for joining the course-

Add on course on Laboratory skill development

Sr. No.	Name	Designation	Institution	Class Dates & Time 5-7 PM	Topic
1.	Dr. Arka Chaudhuri	Assistant Professor	Gour Mahavidyalaya	01-11-22	Role of laboratory in student learning
2.	Dr. Anirban Ray	Assistant Professor	Gour Mahavidyalaya	03-11-22	Introduction to laboratory instruction and laboratory manual
3.	Dr. Niranjana Mridha	Associate Professor	Gour Mahavidyalaya	04-11-22	Development of laboratory exercise
4.	Dr. Shyam Das	Associate Professor	Malda College	10-11-22	Preparation of laboratory report
5.	Dr. Ujjwal Saha	Associate Professor	Malda College	11-11-22	Practice for laboratory report writing
6.	Dr. Achintya Kr. Chatterjee	Associate Professor	Malda College	17-11-22	Common hazards in laboratory
7.	Dr. Uttam Kr. Sarkar	Associate Professor	Malda College	18-11-22	Safety management in laboratory
8.	Dr. Santu Chakraborty	Associate Professor	Kaliaganj College	22-11-22	Safe operating procedure (SOP) for laboratory activity
9.	Dr. Ankur Sen Sharma	Associate Professor	Dept. of Physics, University of Gour Banga	24-11-22	Effective laboratory instruction and laboratory manual
10.	Dr. Atul Bandyopadhyay	Associate Professor	Dept. of Physics, University of Gour Banga	25-11-22	Assessment of student learning in laboratory
11.	Dr. Soma Mitra Bannerjee	Assistant Professor	Dept. of Physics,	25-11-22	Practice of SOP

			University of Gour Banga		
12.	Dr. Subrata Sarkar	Assistant Professor	Dept. of Physics, University of Gour Banga	29-11-22	Scientific Thinking in Laboratory Class
13.	Dr. Indrajit Chakraborty	Assistant Professor	Dept. of Chemistry, Malda College	01-12-22	Art of experimentation
14.	Dr. Diptangshu Chakraborty	Assistant Professor	Dept. of Chemistry, Gangarampur College	02-12-22	Experimental and Analytical skills in laboratory class
15.	Dr. Arunava Agarwala	Assistant Professor	Dept. of Chemistry, Malda College	06-12-22	Alternative approaches to laboratory learning

Summary Report

Add on Course

on

Laboratory Skill Development

Organised by Department of Physics, Gour Mahavidyalaya

The ADD-ON course on Laboratory Skill Development was a huge success as students enthusiastically participated and interacted with the invited speakers. The course was organised from 01-11-22 – 06-12-22. 22 students enrolled for this 30 hour course.

Outcome of the course

The laboratory is the integral part of learning in subjects like Physics, Chemistry, Biology. Laboratory activities have special potential as media for learning that can promote important science/engineering/technical learning outcomes for students. Educational goals for any types of laboratory are conceptual understanding, design skills, social skill, professional skill etc. It is fact that the provision of adequate laboratories becomes mandatory for enhancing experimental skills among technical students.

CERTIFICATE OF PARTICIPATION

**“Add On course on Laboratory Skill
Development ”**



ORGANISED
BY
DEPARTMENT OF PHYSICS,
GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Narendra Nath Biswas** of **Physics (Hons), Second Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22 to 06-12-22** of **30 hrs duration**.

Convenor

Dr. Anka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION

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Development ”**



ORGANISED
BY
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GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Nabanita Saha** of **Physics (Hons), Second Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22 to 06-12-22** of **30 hrs duration**.

Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION
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GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Reyaz Islam** of **Physics (Hons), Second Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22** to **06-12-22** of **30 hrs duration**.

Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION

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ORGANISED
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GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Sneha Roy** of **Physics (Hons), Second Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22** to **06-12-22** of **30 hrs** duration.

Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION

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Development ”**

ORGANISED

BY

DEPARTMENT OF PHYSICS,
GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Joydev Mandal** of **Physics (Hons), Second Semester** participated in the
titled **Laboratory Skill Development** held from **01-11-22** to **06-12-22** of **30 hrs duration**.



Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics



PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION

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DEPARTMENT OF PHYSICS,
GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Ratna Paul** of **Physics (Hons), Fourth Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22 to 06-12-22** of **30 hrs duration**.

Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar

CERTIFICATE OF PARTICIPATION
**“Add On course on Laboratory Skill
Development ”**



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GOUR MAHAVIDYALAYA, MANGALBARI, MALDA

This is to certify that **Sneha Karmakar** of **Physics (Hons), Fourth Semester** participated in the Add On course titled **Laboratory Skill Development** held from **01-11-22** to **06-12-22** of **30 hrs** duration.

Convenor

Dr. Arka Chaudhuri
Assistant Professor, Dept of Physics

PRINCIPAL

Dr. Ashim kr. Sarkar