

DATE: - 16/07/2021

To,  
The Principal,  
Pravara Medical Trust's,  
Arts, Commerce and Science College,  
Shevgaon.

**Subject: Give the Permission for the Certificate Course on "Chemistry lab. Safety" Syllabus Framing Workshop...**

Respected Sir,

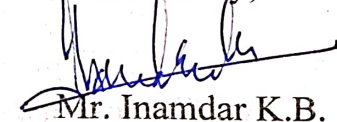
With the above mentioned subject, the Department of **Chemistry** of our college plans to commence the '**Certificate Course on Chemistry Lab. Safety**' in the month of **August and September**. This course will help students to get knowledge of how to handle chemicals in lab. Or industries. This will help in practical knowledge enhancement.

Therefore, we request that you please permit us to framing Workshop on **Certificate Course on Chemistry Lab. Safety** on **19/07/2021**

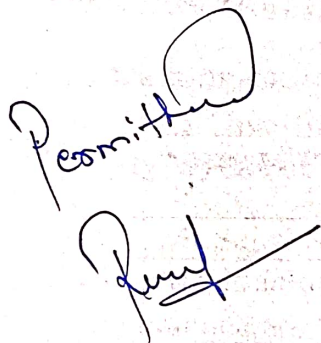
Syllabus framing committee as follows:

Sr. No.	Name of Person	Designation
1.	Mr.Sajed S.patel	IQAC Coordinator
2.	Mr. Inamdar K.B.	HoD and Coordinator
3.	Dr. Kande S.R	Subject Expert
4.	Prof.Potangale C.N.	Subject Expert
5.	Mr.Paratwagh M.B.	Courses Coordinator

Yours sincerely,



Mr. Inamdar K.B.  
(HOD & Course Coordinator)



**HEAD**  
Department of Chemistry  
PMT'S Arts Commerce & Science  
College, Shevgaon, Dist. A'Nagar



# Arts, Commerce and Science College, Shevgaon

Tal: Shevgaon Dist: Ahmednagar 414502 Maharashtra, India

Tel: 02429 223031 Fax: 02429 223399 Email: pmt.acsc@gmail.com



College Code: 1481

College ID: PU/AN/Sci/136/2013

Website: www.pmtacscollege.com

**Outward No. :**

**Date: 17/07/2021**

**To,**  
**Prof. Potangale C.N.,**  
**Department of Chemistry,**  
**New Arts College Shevgaon**  
**Shevgaon, Ahmednagar.**

**Subject: Appointment as Subject Expert for Syllabus Framing Workshop**

**Dear Sir,**

On behalf of the **Post graduate Department of Chemistry** of our college, we are pleased to inform you that a '**Certificate Course in Chemistry Lab. Safety**' is being introduced. You have been appointed as a '**subject expert**' for framing the syllabus for this course.

We kindly request your presence at the workshop scheduled on **19/07/2021** at 10:00 AM. A copy of the proposed syllabus is attached for your reference.

Thank you.

**Syllabus framing committee as follows:**

Sr. No.	Name of Person	Designation	sign
1.	Mr.Sajed S.patel	IQAC Coordinator	
2.	Mr. Inamdar K.B.	HoD and Coordinator	
3.	Dr. Kande S.R	Subject Expert	
4.	Prof.potangale C.N.	Subject Expert	
5.	Mr.Paratwagh M.B.	Courses Coordinator	

Head and course coordinator  
 Department of Chemistry  
 PMT'S Arts Commerce & Science  
 College, Shevgaon, Dist. A'Nagar



Yours  
 Principal  
 Arts, Comm. & Sci. College  
 Shevgaon, Dist Ahmednagar



Pravara Medical Trust's

Arts, Commerce and Science College, Shevgaon

Tal: Shevgaon Dist: Ahmednagar 414502 Maharashtra, India

Tel: 02429 223031 Fax: 02429 223399 Email: pmt.acsc@gmail.com

College Code: 1481

College ID: PU/AN/Sci/136/2013

Website: www.pmtacscollege.com

Outward No. :

Date: 17/07/2021

To,  
Dr. Kande S.R.,  
H.O.D. Chemistry Department,  
New Arts College Shevgaon  
Shevgaon, Ahmednagar.

**Subject: Appointment as Subject Expert for Syllabus Framing Workshop.**

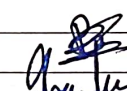
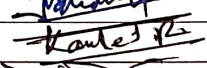
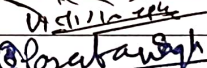


Dear Sir,


On behalf of the **Post graduate Department of Chemistry** of our college, we are pleased to inform you that a '**Certificate Course in Chemistry Lab. Safety**' is being introduced. You have been appointed as a '**subject expert**' for framing the syllabus for this course.

We kindly request your presence at the workshop scheduled on **19/07/2021** at 10:00 AM. A copy of the proposed syllabus is attached for your reference.

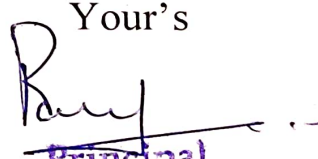
Thank you.

**Syllabus framing committee as follows:**

Sr. No.	Name of Person	Designation	sign
1.	Mr.Sajed S.patel	IQAC Coordinator	
2.	Mr. Inamdar K.B.	HoD and Coordinator	
3.	Dr. Kande S.R	Subject Expert	
4.	Prof.potangale C.N.	Subject Expert	
5.	Mr.Paratwagh M.B.	Courses Coordinator	

  
Head and course coordinator  
(Prof. Inamdar K.B.)



Your's  
  
Principal  
Arts, Comm. & Sci. College  
Shevgaon, Dist Ahmednagar

Pravara Medical Trust's



## Arts, Commerce and Science College, Shevgaon

Tal: Shevgaon Dist: Ahmednagar 414502 Maharashtra, India

Tel: 02429 223031 Fax: 02429 223399 Email: pmt.acsc@gmail.com



College Code: 1481

College ID: PU/AN/Sci/136/2013

Website: www.pmtacscollege.com

Outward No.: /2021-22

Date: -19/07/2021

To,  
Prof. Potangale C.N.,  
Assistant Professor,  
Department Of Chemistry,  
New Arts College Shevgaon,  
Shevgaon, Ahmednagar.

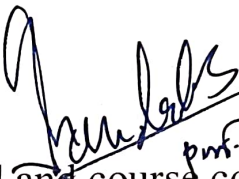
**Subject: Thanking Letter...**

Respected Sir,

With the above mentioned subject, our college has organized "Syllabus Framing Workshop of Certificate Course on Chemistry Lab Safety" for the Chemistry Department Students on date-19/07/2021. We are thankful to you that you have attended the said workshop and help us to frame syllabus.

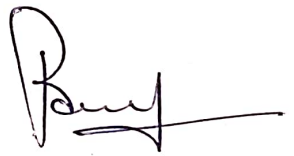
We wish you best wishes for future.

Thanking You!

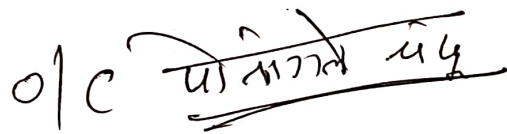
  
19/07/21  
pmf. Jaundav K.B.  
Head and course coordinator

HEAD  
Department of Chemistry  
PMT'S Arts Commerce & Science  
College, Shevgaon, Dist. Ahmednagar



  
Principal

Principal  
Arts, Commerce & Science College  
Shevgaon, Dist. Ahmednagar



(Prof. Potangale C.N.)

Pravara Medical Trust's



## Arts, Commerce and Science College, Shevgaon



Tal: Shevgaon Dist: Ahmednagar 414502 Maharashtra, India

Tel: 02429 223031 Fax: 02429 223399 Email: pmt.acsc@gmail.com

College Code: 1481

College ID: PU/AN/Sci/136/2013

Website: www.pmtacscollege.com

Outward No.: /2021-22

Date: -19/ 07/2021

To,  
Dr. Kande S.R.,  
Head Of Department,  
Department Of Chemistry,  
New Arts College Shevgaon,  
Shevgaon,Ahmednagar.

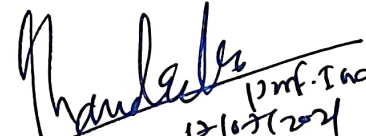
### Subject: Thanking Letter...

Respected Sir,

With the above mentioned subject, our college has organized "Syllabus Framing Workshop of Certificate Course on Chemistry Lab. Safety" for the Chemistry Department Students on date- 19/07/2021. We are thankful to you that you have attended the said workshop and help us to frame syllabus.

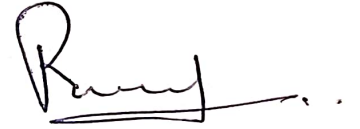
We wish you best wishes for future.

Thanking You!

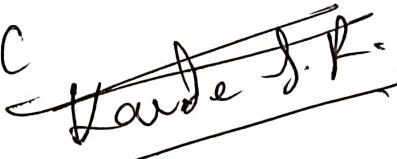
  
Prof. Inamdar K-B.  
12/07/2021  
Head and course coordinator

HEAD  
Department of Chemistry  
PMT'S Arts Commerce & Science  
College, Shevgaon, Dist. Ahmednagar



  
Principal

Principal  
Arts Commerce & Science College  
Shevgaon, Dist. Ahmednagar

O/C  
  
(Dr. Kande S.R.)



**Theory Course Details  
(UNIT-I TO V)**

<b>2 HOURS</b>	<b>Unit-I General Lab.Safety Introduction and Basics</b>	<b>LECTURER NAME</b>
<b>1</b>	-Introduction of lab.safety- -Introduction of chemical laboratory -Use of MSDS Sheet. -Use of Internet, Books, and other sources for identify chemical nature. -Importance of various symbol (Health Hazard.Explosive.Corrosive)	<b>PROF.INAMDAR K.B.</b>
<b>2</b>	-General information on PPE kit like face shield, goggles etc.	
<b>2 HOURS</b>	<b>Unit-II Chemical Nature in Laboratory</b>	<b>LECTURER NAME</b>
<b>3</b>	<b>Chemical Nature</b> Identify Chemical nature- -Poisonous, -Non-poisonous, -Explosive -Acute toxic -Chronic toxic.....etc.	<b>PROF.INAMDAR K.B.</b>
<b>3 HOURS</b>	<b>Unit-III Rules and regulation in Laboratory</b>	<b>LECTURER NAME</b>
<b>4</b>	<b>Rule and regulation to avoid any health hazard or accidents and Guidelines</b> -No Food or Drink. -Wear Your PPE and Proper Lab Attire. -Good Hygiene. -Use Proper Storage Containers. -Label Your Work Space. -Don't Work Alone. -Stay Focused and Aware of Your Surroundings. -Participate in Safety Exercises.....etc.	<b>Dr.KANDE S.R.</b>

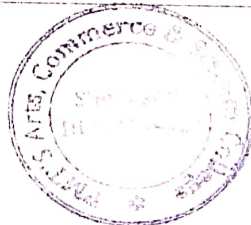


3 HOURS	<b>Unit-IV</b> Major key points in Laboratory for safety purpose	LECTURER NAME
5	While performing work in chemical laboratory some major key points are given below as- -Dispose of waste properly -Avoid ingestion chemical - Leave experiments at the lab -Label properly -Do not taste or smell chemicals -Act responsibly in the lab -Understanding hazards -Pay attention hazardous symbol....etc.	DR.KANDE S.R.
3 HOURS	<b>Unit-V</b> Medical Emergency And Accident Case	LECTURER NAME
6	Students have knowledge that while performing work sometime emergency or accidents happens so how to deal with that situation is included in this unit- -fire extinguisher -Alarm - Use of Social network-mobile, landline.etc. -Don't be panic and lean how to handle situation -Use of Medical appliances - Identify and manage which type of emergency -Call experts, police. -knowledge of chemicals for handling situation.	PROF.POTANGALE C.N.
2 HOURS	<b>Unit-VI</b> Use Of Internet, Reserch Paper, Reference Books ...Etc.	LECTURER NAME
7	By the use of internet, research papers, reference books ...etc. are useful for find chemicals nature and guide to ideal work in lab.	PROF.POTANGALE C.N.



**Practical Course Details  
(UNIT-V TO VII)**

<b>3 HOURS</b>	<b>Unit-V Practical(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>1</b>	Learn how to use of PPE kit, MSDS sheets.	<b>PROF.INAMDAR K.B.</b>
<b>3 HOURS</b>	<b>Unit-VI Practical(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>2</b>	Key to identify different types of nature Chemicals.	<b>PROF.INAMDAR K.B.</b>
<b>3 HOURS.</b>	<b>Unit-VI Practical(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>3</b>	Learn to identify symbols and its use	<b>PROF.INAMDAR K.B.</b>
<b>3 HOURS.</b>	<b>Unit-VI Practical(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>4</b>	Perform one activity like manage Fire handling.	<b>Dr. KANDE S.R.</b>
<b>3 HOURS</b>	<b>Unit-VI Practical(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>5</b>	Use of water shower, Fume hood, other useful resources in lab.....	<b>Dr.KANDE S.R.</b>
<b>3 HOURS</b>	<b>Unit-VI(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>6</b>	Use social network Alarm system Call emergency system...etc.	<b>PROF.POTANGALE C.N.</b>
<b>3 HOURS</b>	<b>Unit-VI(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>7</b>	How to spread awareness in our field workers and in society	<b>PROF.POTANGALE C.N.</b>
<b>3 HOURS</b>	<b>Unit-VI(Activity Oriented)</b>	<b>LECTURER NAME</b>
<b>8</b>	Investigation system e.g. any case industry	<b>PROF.INAMDAR K.B.</b>
<b>6 HOURS</b>	<b>Unit-VII Laboratory visit(One Day)</b>	<b>LECTURER NAME</b>
<b>9</b>	Visit to well-equipped laboratory for gaining better knowledge regarding safety. Observe the various lab.safety equipment's like fume hood, fire extinguisher, and water showered...etc	<b>PROF.INAMDAR K.B.</b>






**Advantage of the Course and future Prospects And expected Outcomes:**

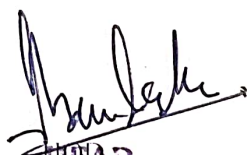
- IX. Students can get sufficient knowledge about safety.
- X. Students by using its knowledge they perform well hygiene work in laboratory.
- XI. Students understand the importance of safety.
- XII. In future when the get job in various chemical, pharma industry they easily apply this knowledge.
- XIII. Students understand how to handle medical and accidental situation.
- XIV. Today environmental issue is very serious situation so they understand how to dispose various chemicals.
- XV. Students also guide to other who work in lab.
- XVI. Students also learn how to use research paper, internet..etc. for safety purpose.


**Reference books:**

- 1. Prudent Practices in the Laboratory by Natl. Research Council Staff (Editor); Committee on Prudent Practices in the Laboratory
- 2. Bretherick's Handbook of Reactive Chemical Hazards by Peter Urben (Editor)
- 3. Hazardous Chemicals Desk Reference by Richard J. Lewis
- 4. Laboratory Safety for Chemistry Students by Robert H. Hill Jr. (Author), David C. Finster(Author)
- 5. 1st Edition. Chemical Safety in the Laboratory ,By Stephen K. Hall

  
COURSE COORDINATOR  
**COORDINATOR**


  
IQAC

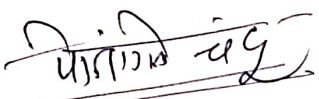
  
HEAD  
Department of Chemistry  
PMT'S Arts, Commerce & Science  
College, Shevgaon, Dist. A'Nagar

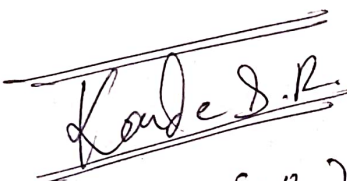
  
COURSE COORDINATOR  
**Coordinator**

**Skill Development Centre**  
PMT'S ACSC, Shevgaon



  
PRINCIPAL  
**Principal**  
Arts, Commerce & Science College  
Shevgaon, Dist. Anhednagar

  
(Prof. Potangale C.N.)  
(Expert)

  
(Dr. Kaude S.R.)  
(Expert)

## “Syllabus Framing Workshop Report”

**Date:** 19/07/2021

**Venue:** Seminar Hall.

**Organized by:** Post Graduate Department of Chemistry.

The **Post Graduate Department of Chemistry** successfully conducted a Syllabus Framing Workshop on 19/07/2021, aimed at revising and enhancing the curriculum to meet current academic and industry standards. The workshop brought together experienced faculty members & subject experts to collaborate on designing an outcome-based, student-centric syllabus.

### Key Highlights:

1. **Objective:** Aligning the curriculum with evolving trends and SPPU guidelines.
2. **Syllabus Framing Committee & Participation-**

Sr. No.	Name of the Expert	Designation
1.	Mr.Sajed S.Patel	IQAC Coordinator
2.	Prof. Inamdar K.B.	HOD and Course Coordinator
3.	Dr.Kande S.R.	Expert
4.	Prof.Potangale C.N.	Expert
5.	Prof. Paratwagh M.B.	Courses Coordinator

### 3. Sessions:

- Inaugural Session: Overview of syllabus objectives by Guest.
- Brainstorming Sessions: Group discussions on core and elective subjects.
- Presentation: Made Draft syllabus shared, discuss & finalized.

### Outcomes:

1. New courses introduced for academic year 2021-22: **Chemistry Lab.Safety.**
2. Enhanced focus on practical learning and interdisciplinary subjects.
3. Industry inputs incorporated to improve employability skills.

The workshop concluded with a vote of thanks, emphasizing the collective effort to provide a robust and relevant curriculum for students.

  
**Principal**

Arts, Comm. & Sci. College  
Shevgaon, Dist Ahmednagar

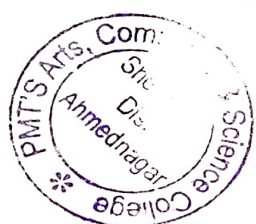


  
Head & Course Coordinator

**HEAD**  
Department of Chemistry  
PMT'S Arts Commerce & Science  
College, Shevgaon, Dist. A'Nagar



## Syllabus Framing Workshop on Chemistry Lab Certificate Course



*Py*  
**Principal**  
Arts, Comm. & Sci. College  
Shevgaon, Dist Ahmednagar





Pravara Medical Trust's,

## Arts, Commerce and Science College Shevgaon

Ayurved College Campus, Tal- Shevgaon, Dist- Ahmednagar

**Skill Development Centre Organized**

**One Day Workshop on  
Syllabus Framing for Certificate Course 2021-22**



**This certificate is awarded to**

Dr. Kande S.R. We appreciate your participation and rich  
Contribution in designing of the syllabus for Certificate Course -Entitled Certificate  
Course on Chemistry Lab. Safety on 19/07/2021

  
Co-ordinator  
(Skill Development Centre)

  
IQAC  
(Co-ordinator)

  
Principal



Pravara Medical Trust's,  
**Arts, Commerce and Science College Shevgaon**  
Ayurved College Campus, Tal- Shevgaon, Dist- Ahmednagar  
**Skill Development Centre Organized**

**One Day Workshop on  
Syllabus Framing for Certificate Course 2021-22**




**This certificate is awarded to**

Prof. Potangale C. N. We appreciate your participation and rich  
Contribution in designing of the syllabus for Certificate Course -Entitled Certificate  
Course on Chemistry Lab. Safety on 19/07/2021.

  
Co-ordinator  
(Skill Development Centre)

  
IQAC  
(Co-ordinator)

  
Principal