

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**  
**DEPARTMENT OF CHEMISTRY**  
**Certificate Course in**  
**CHEMICAL RISK MANAGEMENT**

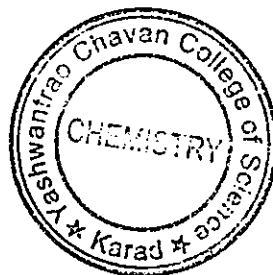
2022-23

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*CP*

Course Coordinator



*[Signature]*  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of chemistry

Certificate course in "Chemical risk management"

Year 2022-23

Board of Studies (BOS)

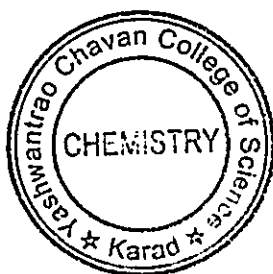
Certificate Course in "Chemical risk management" is going to start in the department of Chemistry, Yashwantrao Chavan College of Science, Karad.

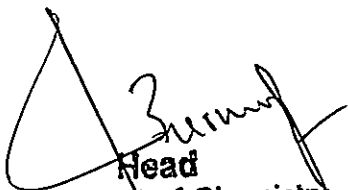
Following committee is constituted for syllabus framing of the said course

## Board of Studies (BOS) members

1.	Principal Dr. S. B. Kengar	Chairman
2.	Prof. Dr. S. H. Burungale	Head of The Department
3.	Dr. U. P. Lad	Course Coordinator

  
Coordinator



  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad.

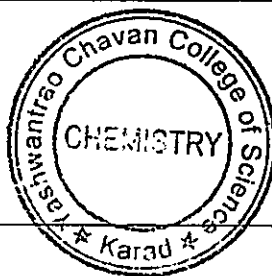
**Yashwantrao Chavan College of Science, Karad**

**Department of Chemistry**

**Short term Course - Chemical risk management (2022-23)**

Course Code	Short Term	Course:	Chemical risk management	
Prepared by	Dr. U. P. Lad		Date	2022-23
Target Group: B.Sc. I				
Pre-requisites	<ul style="list-style-type: none"> <li>• Basic (10+2) knowledge of science faculty</li> <li>• Good analytical skills.</li> <li>• Basic knowledge regarding laboratory concepts.</li> </ul>			
Programme Outcomes				
At the end of the course the students should be able to:				
PO1	To Demonstrate, solve and an understanding of concepts in the course.			
PO2	To improve thinking ability critically, methodically, independently and draw a logical conclusion.			
PO3	To inculcate the scientific temperament in the students and outside the scientific community.			
PO4	To Create an awareness regarding the social scientific environment outside the curriculum.			
Course Outcomes				
At the end of the course the students should be able to:				
CO1	To analyse types of chemical hazards			
CO2	To Elucidate safety guidelines respect to laboratory practices.			
CO3	To Illustrate laboratory safety inspection reports.			
CO4	To aware regarding emergency in chemical accidents.			

*U. P. Lad*  
Coordinator



*[Signature]*  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

# YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD


Year 2022-23

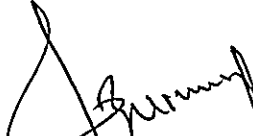
## Syllabus Approved Letter


The IQAC Committee has approved the syllabus of the short-term course to be conducted by the Department of Chemistry.

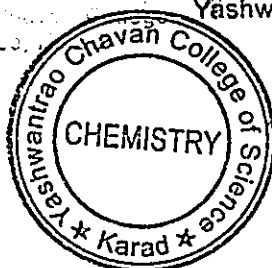
Sr. NO.	Name of The Course	Type of the Course
1.	Chemical risk management	Short-term Course

  
Course co-  
Ordinator

  
IQAC  
Coordinator  
Co-ordinator,  
Internal Quality Assurance Cell (IQAC),  
Yashwantrao Chavan College of  
Science, Karad

  
HOD  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

  
Principal  
Yashwantrao Chavan College of Science  
Karad



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**

**Department of Chemistry**

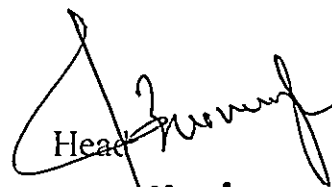
**Certificate course in "Chemical risk management"**

**Year 2022-23**

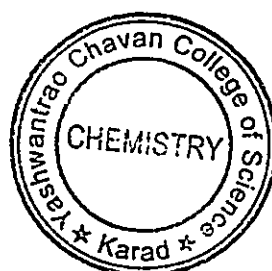
1. Class : B.Sc. I
2. Duration of the course : 3 months
3. Syllabus : 3 Credit Point  
(2 Credit Lecture and 1 Credit Practical)
4. Capacity : 20
5. No. Students Enrolled : 20
6. Theory Examination : Last week of February
7. Practical Examination : First Week of March



Course Co-ordinator



**Head**  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad



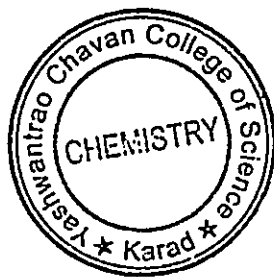
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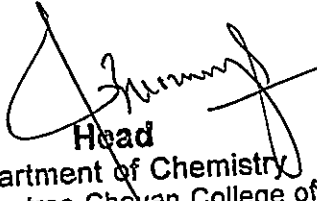
## Department of Chemistry

### Notice

Date: 08/11/2022

All the Students of the B. Sc. I are hereby informed that the Department of Chemistry is going to run a short-term course entitled as "Chemical risk management" Interested Candidates enrol their names to Dr. U. P. Lad (course Co-ordinator) on or before 30th November 2022.



  
**Head**  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

# YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

## Department of Chemistry

### Short Term Course

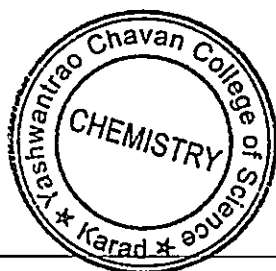
### “Chemical risk management”

Year 2022-23

Name of the Enrolled Students

Roll. No.	Name of Student	Signature
191	KADAM SHUBHAM BHIMRAO	
192	KADAM TEJASHREE RAMKRUSHN	
193	KADAM YOGESH ANANDA	
194	KALE ASHISH ANANDRAO	
195	KAMBLE TEJAS BAJERAO	
196	KHARADE YASH VIJAY	
197	KUMBHAR SHREYASH RAJENDRA	
198	KUMBHAR SUPRIYA LAXMAN	
199	LADE YASHPAL SUNIL	P. N. Bhosale
200	LOHAR ANIKET HARIDAS	
201	LOHAR SOHAM SHIVDAS	
202	LOKARE SHUBHAM SURESH	
203	MADANE HARSHAD NAMDEV	
204	MAHAMUNI VIKAS SURESH	
205	MANE ANIKET BABASO	
206	MANE MADHAVI GANESH	
207	MANE PRASAD DATTATRAYA	
208	MANE PRATIK BALASO	
209	MORE PALLAVI DIPAK	
210	NALAVADE ABHISHEK SURESH	
211	NALAWADE ATUL DHARMRAJ	
212	NALAWADE PRAJWAL SAYALI	
213	NALAWADE SAYALI SHANKAR	
214	PATIL MAYUR TUKARAM	
215	PATIL NANDKISHOR SUBHASH	
216	PATIL OMKAR ANKUSH	

Coordinator



Head

Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

**YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD**

**Department of Chemistry**

**Short Term Course**

**“Chemical risk management”**

**Year 2022-23**

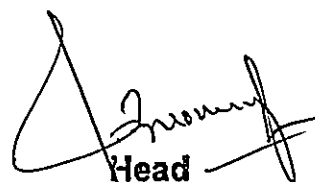
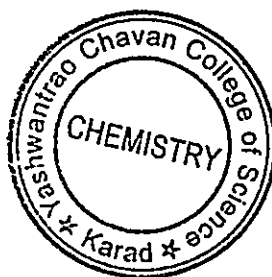
**Theory Time Table**

**Dec. 2022 to Jan. 2023**

Lect. time	Friday	Saturday
9.40 – 10.30	UPL	UPL



*Coordinator*



**Head**  
Department of Chemistry  
Yashwantrao Chavan College of  
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Yashwantrao Chavan College of Science, Karad

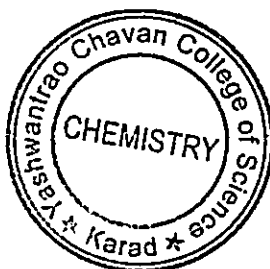
Department of Chemistry

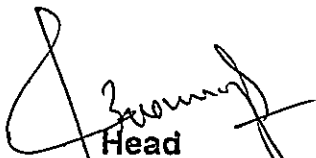
Short term Course - Chemical risk management (2022-23)

Mark List

Roll. No.	Name of Student	mid-course exam (Out of 30)	Final Exam (Out of 30)	Practical Exam (Out of 40)	Total (Out of 100)
191	KADAM SHUBHAM BHIMRAO	21	24	40	85
192	KADAM TEJASHREE RAMKRUSHN	22	25	40	87
193	KADAM YOGESH ANANDA	21	20	40	81
194	KALE ASHISH ANANDRAO	21	24	40	85
195	KAMBLE TEJAS BAJERAO	25	25	40	90
196	KHARADE YASH VIJAY	19	27	40	86
197	KUMBHAR SHREYASH RAJENDRA	21	28	40	89
198	KUMBHAR SUPRIYA LAXMAN	21	26	40	87
199	LADE YASHPAL SUNIL	17	24	40	81
200	LOHAR ANIKET HARIDAS	21	25	40	86
201	LOHAR SOHAM SHIVDAS	21	26	40	87
202	LOKARE SHUBHAM SURESH	25	20	40	85
203	MADANE HARSHAD NAMDEV	19	25	40	84
204	MAHAMUNI VIKAS SURESH	21	27	40	88
205	MANE ANIKET BABASO	21	19	40	80
206	MANE MADHAVI GANESH	22	20	40	82
207	MANE PRASAD DATTATRAYA	21	24	40	85
208	MANE PRATIK BALASO	21	20	40	81
209	MORE PALLAVI DIPAK	25	27	40	92
210	NALAVADE ABHISHEK SURESH	19	28	40	87
211	NALAWADE ATUL DHARMRAJ	21	25	40	86
212	NALAWADE PRAJWAL SAYALI	21	26	40	87
213	NALAWADE SAYALI SHANKAR	25	20	40	85
214	PATIL MAYUR TUKARAM	19	25	40	84
215	PATIL NANDKISHOR SUBHASH	21	27	40	88
216	PATIL OMKAR ANKUSH	21	19	40	80

  
Coordinator



  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
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Yashwantrao Chavan College of Science, Karad

Department of Chemistry

Short term Course - Chemical risk management (2022-23)

CO & PO attainment

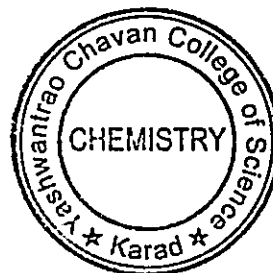
Average Attainment	Target Attainment level	Remark
2	Level 4	Target achieved

Course code	Course Title	% of students above 60 % of Final exam marks	Level of attainment Final exam	80% of attainment Level in Final exam (I)	% of students above 80 % of mid-course exam marks	Level of attainment	20% of attainment Level in mid-course exam (II)	Attainment of course(I+II)
Short term	Chemical risk management	93.00	2	1.6	70.00	2	0.4	2

By using below attainment levels 1,2,3 for the Percent of students in B

For internal exam	
Level 1	Less than 60% of students scoring more than average marks
Level 2	60% - 80% of students scoring more than average marks
Level 3	more than equal to 80% of students scoring more than average marks

*[Signature]*  
Coordinator



Programme outcome level	Target Attainment
Level 1	0.5-1.0
Level 2	1.0-1.5
Level 3	1.5-2.0
Level 4	2.0-2.5
Level 5	2.5-3.0

*[Signature]*  
Head  
Department of Chemistry  
Yashwantrao Chavan College of  
Science, Karad

Estd.:

1958

|| Be one with the downtrodden and the underprivileged ||

Shri Shivaji Education Society, Vidyanagar, Karad  
Board for Higher Education's, Vidyanagar Karad's

# Yashwantrao Chavan College of Science, Karad

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• Reaccredited B\*\* Level by NAAC, Bangalore. • An ISO 9001 : 2015 Certified College



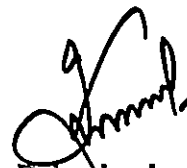
## Short Term Course Certificate of Completion

This is to certify that Mr./M<sup>ss</sup>. Patil Omkar Ankush  
of Class B. Sc. I has Completed Short Term Course (3 Months) in \_\_\_\_\_  
Chemical Risk Management conducted by the department of  
Chemistry during the academic year 2022-2023

  
Course Co-ordinator

  
Head of the Department

  
IQAC Co-ordinator

  
Principal

Estd.:

1958

|| Be one with the downtrodden and the underprivileged ||

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Board for Higher Education's, Vidyanagar Karad's

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## Short Term Course Certificate of Completion

This is to certify that Mr./Miss. More Pallavi Dipak  
of Class B.Sc. I has Completed Short Term Course (3 Months) in \_\_\_\_\_  
chemical Risk Management conducted by the department of  
Chemistry during the academic year 2022 - 2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

Estd.:

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Board for Higher Education's, Vidyanagar Karad's

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## Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Mane Madhavi Ganesh

of Class B.Sc. I has Completed Short Term Course (3 Months) in \_\_\_\_\_

chemical Risk Management conducted by the department of

Chemistry during the academic year 2022 - 2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal



Estd.:

1958

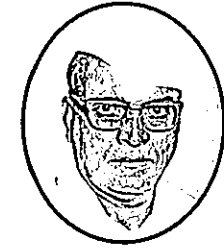
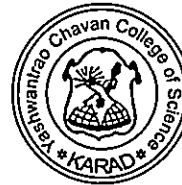
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## Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Kharade Yash Vijay  
of Class B.Sc I has Completed Short Term Course (3 Months) in \_\_\_\_\_  
Chemical Risk Management conducted by the department of  
Chemistry during the academic year 2022 - 2023

  
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Head of the Department

  
IQAC Co-ordinator

  
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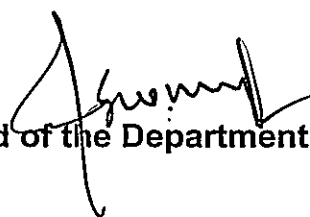
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## Short Term Course Certificate of Completion

This is to certify that Mr./Mj'ss. Kadam Yogesh Ananda  
of Class B.Sc. I has Completed Short Term Course (3 Months) in \_\_\_\_\_  
Chemical Risk Management conducted by the department of  
Chemistry during the academic year 2022 - 2023

  
Course Co-ordinator

  
Head of the Department

  
IQAC Co-ordinator

  
Principal