

IQAC 2018-2019

Sr. No.	Date	Activity No.	Name of the activity	Name of the teacher	Criterion No.
1.	15/09/2018	1	Participation of teachers and students in workshop on Beneficial effects of radiation & Indian nuclear energy programme	Miss. S.Z. Mulani	
2	08/02/2019	2	Birth anniversary of scientist Mendeleev	Miss. V. L. Kamble	
3	02/02/2019	3	Lead College Program	Mr. C. Y. Chavan	
4	09/02/2019	4	Industrial visit	Mr. C. Y. Chavan	
5	04/03/2019 To 12/02/2019	5	Certificate Course in Alcohol Technology	Miss. V. L. Kamble	
6	28/02/2019	6	National Science day	Mr. S.R. Attar	
7	04/03/2019 To 09/03/2019	7	Seminar	Miss R.P. Patil	

DEPARTMENT Compiled report 2019-20

NAME OF HEAD & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)	PRINCIPAL
Mr. C. Y. Chavan  HEAD Department of Chemistry KRISHNA MAHAVIDYALAYA SHIVNAGAR, RETHARE BK	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108, Tal. Karad, Dist. Satara	 Principal Krishna Mahavidyalaya, Rethare Bk, Tal. Karad: 415 108 (M.S)

The above listed documents are in the safe custody of ___ Chemistry ___ Department/ Committee.
They will be provided on demand IQAC/ College.

Name :- Mr. C. Y. Chavan

Head Department of ___ Chemistry ___

For reference

Criterion I	Curricular Aspects (planning & Implementation)
Criterion II	Teaching Learning & Evaluation
Criterion III	Research, Innovations & Extension
Criterion IV	Learning Resources and Infrastructure
Criterion V	Student Support & Progression
Criterion VI	Governance
Criterion VII	Institutional Values & Best Practices

Received
Balani

Krishna Mahavidyalaya, Rethare Bk

IQAC 2018-2019

ACTIVITY REPORT

Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY :- Participation of teachers and students in workshop on Beneficial effects of radiation & Indian nuclear energy programme			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
15/09/2018	Science	Chemistry	Miss. S.Z. Mulani
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
9:00 am To 5:30 pm	Y.C. College of Science, Karad	06	Outdoor/Indoor Outdoor
SUPPORT/ASSISTANCE:			



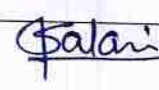
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Beneficial effects of radiation & Indian nuclear energy programme
OBJECTIVES	To Create interest about beneficial effects of radiations.
METHODOLOGY	lecture
OUTCOMES	The Students encouraged to study beneficial effects of radiations.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

<input checked="" type="checkbox"/> 1. Notice & Letters	<input checked="" type="checkbox"/> 2. Student list of	<input type="checkbox"/> 3. Activity report	<input type="checkbox"/> 4. Photos	<input type="checkbox"/> 5. Feedback form
<input type="checkbox"/> 6. Feedback analysis	<input type="checkbox"/> 7. News clip with details	<input checked="" type="checkbox"/> 8. Certificate	<input type="checkbox"/> 9. Any other	<input type="checkbox"/> 10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	VICE- PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
	 (Mr. C. Y. Chavan) HEAD The Department of Chemistry KRISHNA MAHAVIDYALAYA, SHIVNAGAR (RETHARE BK)	 Principal Mahavidyalaya, Rethare Bk, Karad: 415 108 (S)	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

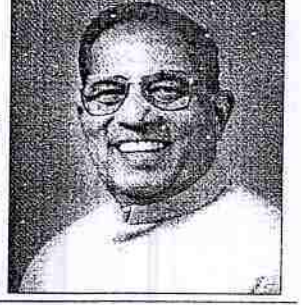
Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/

Date : 14-09-2018

To,
The Principal,
Yashwantrao Chavan college of
Science, Karad


Subject :- Regarding Workshop on Beneficial effects of radiation and
Indian nuclear energy programme

Sir,

With reference to your invitation of workshop following
teacher and five students of B. Sc. III (Chemistry) from our college are
going to participate. Please do the needful.

Thanking you,

Sr. No.	Name of teacher/students
1.	Mulani S. Z (teacher)
2.	Bargir A. H (student)
3.	Jadhav A. M. (student)
4.	Chavan(patil) S. K. (student)
5.	Chavan N. S. (student)
6.	Shinde A. S. (student)


(Dr. Salunkhe C. B.)
PRINCIPAL (I/C)
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD

Schedule of IARP Workshop Programme
 Beneficial Effects of Radiation and Indian Nuclear Energy Programme
 15th September, 2018
 Yashwantrao Chavan College of Science, Raund.

Saturday, 15th Sept, 2018

0900 - 0930 hrs.	Inauguration of the IARP Workshop
0900 hrs	Welcome by YC College Staff Member
0905 - 0910 hrs.	Welcome Address by Principal, Yashwantrao Chavan College of Science
0910 - 0925 hrs.	Introduction of IARP Activities, Workshop - Dr. S. Murali, BARC
0925 - 0925 hrs	Vote of Thanks - Staff member, Y.C College of Science
0930 - 0945 hrs	Tea Break
1000 - 1045 hrs	L1: Radiation Quantities, Units and Effects - Smt. Rupali Karpe, BARC
1045 - 1050 hrs	Discussion / Question & Answer Session
1055 - 1140 hrs	L2: Principle of Radiation Detection - Shri. Tej Ram Meena, BARC
1140 - 1145 hrs	Discussion / Question & Answer Session
1145 - 1230 hrs	L3: Effects of Radiation, Radiation Monitoring - Dr. S. Murali, BARC
1230 - 1235 hrs	Discussion / Question & Answer Session
1235 - 1320 hrs	L4: Nuclear Energy Programme, Application of Radiation Technology -
1320 - 1325 hrs	Discussion / Question & Answer Session
1330 - 1400 hrs	Lunch Break
1400 - 1600 hrs	Practicals & Demonstrations - Cyclic Manner (4) 30 min Sessions (Paul, Meena, Rupali and Murali) A: Gamma Spectrometry B: Half Life, Activity estimation C: Radiation Monitoring kits, Personnel Protective Gears D: Video, Models - Radiation / Reactor Aspects of Safety Features
1600 - 1630 hrs	Sp. Lecture: Scientific Career Opportunities - Dr. Muhs, BARC
1630 - 1700 hrs	Kum Moin Hai Dum! Exit programme
1700 - 1730 hrs	Feedback and Voluntary Function



Workshop

on

Beneficial Effects of Radiation and Indian Nuclear Energy Programme"

Organized by

Indian Association for Radiation Protection

In association with

Yashwantrao Chavan College of Science, Karad

Date -15th September, 2018

Chief Guest

Hon. Dr. S. Murli

Joint Secretary

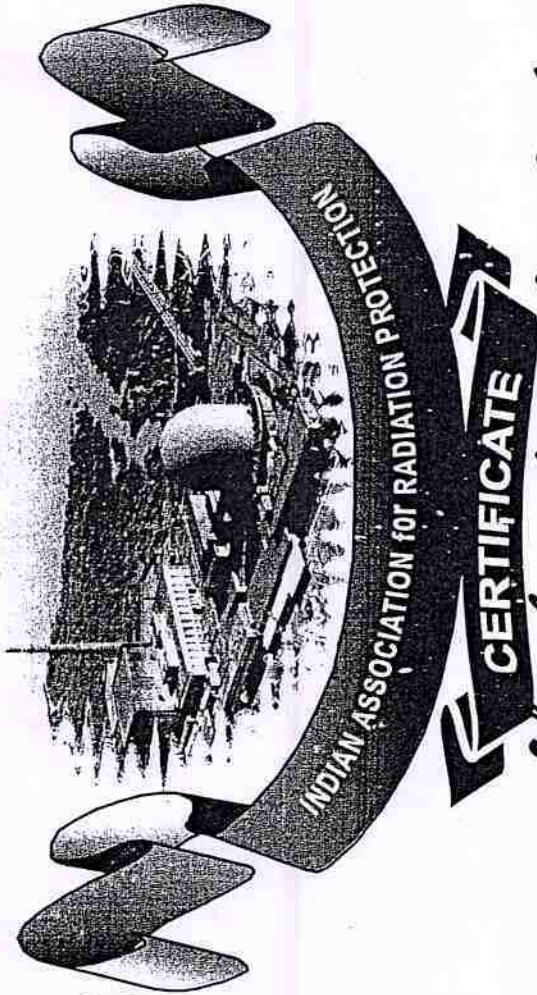
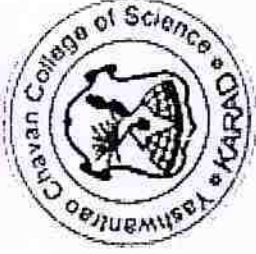
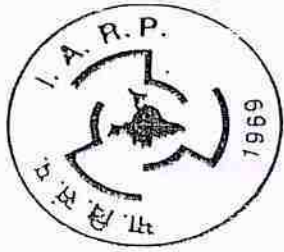
President

Hon. Shri Prakash Pandurang Patil

General Secretary

Board For Higher Education

Shri. Shri. Shikshan Sanstha, Karad



This is to certify that Shinde Anirash Sudarshan

has participated in the IARP Workshop on "Beneficial Effects of Radiation and Indian Nuclear Energy Programme" Conducted by IARP, Mumbai in collaboration with Yashwantrao Chavan College of Science, Karad.

Date:-15th September 2018 .

Venue:- Yashwantrao Chavan College of Science, Karad

Principal,

Yashwantrao Chavan College of Science,
Karad - 415 124

Dr. S. Murali,

Convener of IARP Workshop,
Joint Secretary, IARP, Mumbai



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : **Dr. Salunkhe C. B.**, M.Sc., Ph. D.

Founder : **Hon. Jaywantrao Bhosale**



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Name of teacher/students

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2. Bargir A. H. (student)
3. Jadhav A. M. (student)
4. Chavan(patil) S. K. (student)
5. Chavan N. S. (student)
6. Shinde A. S. (student)

(Dr. Salunkhe C. B.)
PRINCIPAL (I/C)
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD

Schedule of IARP Workshop Programme
Beneficial Effects of Radiation and Indian Nuclear Energy Programme
15th September 2018
Yashwantrao Chavan College of Science, Karad

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	D: Video, Models - Radiation / Reactor Aspects of Safety Features
1600 - 1630 hrs	Sp. Lecture: Scientific Career Opportunities - Dr. Muthe, BARC
1630 - 1700 hrs	'Kum Mein Hai Dum' Skit programme
1700 - 1730 hrs	Feedback and Valedictory Function



Workshop

on

Beneficial Effects of Radiation and Indian Nuclear Energy Programme"



Organized by

Indian Association for Radiation Protection

In association with

Yashwantrao Chavan College of Science, Karad

Date -15th September, 2018

Chief Guest

Hon. Dr. S. Murli

Joint Secretary

President

Hon. Shri Prakash Pandurang Patil

General Secretary

Board For Higher Education,
Shri. Shivaji Nalokhan Sanshodh, Karad



This is to certify that Shinde Arunash Sudarshan

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Date:-15th September 2018 .

Venue:- Yashwantrao Chavan College of Science, Karad

Principal,
Yashwantrao Chavan College of Science,
Karad - 415 124

Dr. S. Murali,
Convener of IARP Workshop,
Joint Secretary, IARP, Mumbai

Shetkari Shikshan Prasarak Mandal's
Krishna Mahavidyalaya, Rethare Bk

IQAC 2018-2019

ACTIVITY REPORT
Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- Birth anniversary of scientist Mendeleev			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
08/02/2019	Science	Chemistry	Miss. V.L. Kamble
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
2:00 pm To 2:30 pm	KMR	55	Outdoor/Indoor
SUPPORT/ASSISTANCE:			Indoor

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Birth anniversary of scientist Mendeleev
OBJECTIVES	To know devotion of Mendeleev in Construction of periodic table
METHODOLOGY	Collection of information & speech
OUTCOMES	Interest developed among students about periodic table

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

11. Notice & Letters	<input checked="" type="checkbox"/> 12. Student list of	13. Activity report	14. Photos	15. Feedback form
16. Feedback analysis	17. News clip with details	18. Certificate	19. Any other	20.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	VICE PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 (Miss. V.L. Kamble)	 (Mr. C.Y. Chavan) HEAD The Department of Chemistry, KRISHNA MAHAVIDYALAYA SHIVNAGAR - RETHARE BK	 Principal Krishna Mahavidyalaya, Rethare Bk, Tal. Karad - 415 108 (M.S)	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara

Krishna Mahavidyalaya, Rethare Bk.

Department of Chemistry

Notice

Date: 06/02/2019

All the students of B.Sc. are informed that Birth anniversary of scientist Mendeleev has been organized on 08/02/2019 at 2.00 pm to 2.30 pm. All students should attend the event.

Venue: Department of Chemistry



HEAD
Department of Chemistry
KRISHNA MAHAVIDYALAYA
HIVNAGAR (RETHARE BK)

Birth anniversary of Mendeleev

Sr. No.	Name	Roll no.	Sign
1.	Bomade Rutuja Subhagh	3077	Bomade
2.	Thorat Archana Bhaskar	3081	Thorat
3.	Phalle Poojam Bakaso	3071	Phalle
4.	Patil Priyanka Dattatraya	3063	Patil
5.	Mane Rutuja Rajaram	3053	Mane
6.	Patil Snehal Pralhad	3066	Patil
7.	Dhole Ashwini Jaysing	3088	Dhole
8.	Jadhav Shivani Sanjay	3089	Jadhav
9)	Jagtap Aishwarya D	3041	Jagtap
10)	Baegie Abajuman Haphij	3024	Baegie
11)	Karande Priti Jaysing	3048	Karande
12)	Kasmalkar Suchita Manohar	3049	Kasmalkar
13)	Deshmukh Mohini Sanjay	3032	Deshmukh
14)	Chavan Maheshwari Ananda	3026	Chavan
15)	Chavan (Patil) Janyogeeta Krishnam	3027	Chavan
16)	Ghodake Rajashi Gorakhanath	3036	Ghodake
17)	Ch. Jadhav Ankita Madhukar	3038	Ch. Jadhav
18)	Mulla Shaina Amin	3060	Mulla
19)	Nikam Pooja Jaysing	3061	Nikam
20)	Carade Prakash Ganpat	3085	Carade
21)	Kamate Santosh Bappa	3046	Kamate
22)	Power Shubham Dilip	3085	Power
23)	Desai Raviraj Pradip	3029	Desai
24)	Rayate Amol Baiirao	3072	Rayate
25)	Jawant Amar Ashok	3074	Jawant
26)	Mane Ganesh Shastikant	3055	Mane
27)	Kakade Shaider Pandurang	3045	Kakade
28)	Yadav Vaibhav Sambhaji	3083	Yadav
29)	Bomade Shivam Satish	3078	Bomade
30)	Savant Sourabh Ramesh	3075	Savant
31)	Jagtap Digvijay Dilip	3042	Jagtap
32)	Chavan Pushikesh Krishna	3081	Chavan
33)	Power Pruthviraj Popat	3069	Power
34)	Kadam Pruthviraj Anil	3044	Kadam
35)	Mohite Vivek Vishwanath	3058	Mohite
36)	Deshmukh Amit Hanmont	3028	Deshmukh
37)	Mohite Vishal Dadaso	3057	Mohite

38)	Chavan Nikhil Shantae	3030	Narvan
39)	Carade Prakash Gangaram	3035	Pravade
40)	Patil Santosh Prasad	3084	Patil
41)	Shinde Avinash Sudarshan	3070	Shinde
42)	Mandake Kishor Gorakh	3052	Mandake
43)	Mulla Sahil Salim	3059	Mulla
44)	Mohite Harshavardhan	3056	Mohite
45)	Ghodake Swapnil Arun	3037	Ghodake
46)	Pawar Suraj Hanmant	3070	Pawar
47)	Pawar Gangam Namdev	3068	Pawar
48)	Sarkare Sanket Vilas	3073	Sarkare
49)	Tarabali Shantosh Rafik	3080	Tarabali
50)	Patil Rohit Subhash	3065	Patil
51)	Patil Rohit Arun	3064	Patil
52)	Pawar Akash Arun	3067	Pawar
53)	Kamble Shambhurasaje Dilip	3047	Kamble
54)	Kadam Ashraj Arun	3043	Kadam
55)	Nimbalkar Gajesh Jeyanant	3062	Nimbalkar

B.Sc. III

Birth anniversary of Mendeleev

Page No.:

Date 08/02/2019

Sr. No.	Name	Roll no.	Sign
1.	Somade Rutuja Subhash	3077	Romade
2.	Thorat Archana Bhaskar	3081	Archana
3.	Phalle Poonam Sakasa	3071	UPhalle
4.	Patil Priyanka Dattatraya	3063	Patil
5.	mane Rutuja Rajaram	3053	Bernane
6.	patil snehal Pralhad.	3066	SPPatil
7.	Dhole Ashwini Jaysing	3083	Ahole
8.	Jadhav shivani sanjay	3089	Shivani
9)	Jagtap Aishwarya D	3041	Aishwarya
10)	Baegie Aeajuman Haphij	3024	Baegie
11)	Karande Priti Jaykar	3048	Panade
12)	Karmalkar Suchita Manohar	3049	Smk
13)	Deshmukh Mohini Sanjay	3032	Deshmukh
14)	Chavan Maheshwari Ananda	3026	Chavan
15)	Chavan (Pati) Janyogeeta Krishnak	3027	Chavan
16)	Ghodake Rajashei Gorakhanath	3036	Picholake
17)	Ch. Jadhav Ankita Madhukar	3038	Arachal
18)	Mulla Shainaj Amin	3060	Smulla
19)	Nikam Pooja Jaysing	3061	Pujaysing
20)	Carade Prakash Ganpat	3085	Pravade
21)	Kamare Santosh Bajappa	3046	KS
22)	Power Shubham Dilip	3085	Power
23)	Besai Raviraj Pradip	3029	Besai
24)	Rayate Amol Balirao	3072	RayateARS
25)	Jawant Amar Ashok	3074	Ajant
26)	mane Ganesh Shastikant	3055	Mane
27)	Kakade Shrihar Pandurang	3045	KPSH
28)	radav vaibhav sambhaji	3083	Radav
29)	Somade Shivam Satish	3078	SS
30)	Savant Sourabh Ramesh	3075	Savant
31)	Jagtap Digvijay Dilip	3042	DJagtap
32)	Chavan Pushikesh Krishna	3081	Chavan
33)	Power Pruthviraj Popat	3069	Power
34)	Kadamb Pruthviraj Anil	3044	Pradamb
35)	Mohite Vivek Vishwanath	3058	White
36)	Deshmukh Amit Hanmont	3028	Deshmukh
37)	Mohite Vishal Dadaso	3057	Mohite

38)	Chavan Nikhil Shankar	3030	Chavan
39)	Carade Prakash Gangaram	3035	Carade
40)	Patil Sourabh Pratapsao	3084	Patil
41)	Shinde Avinash Sudarshan	3070	Shinde
42)	Mandake Kishor Gorakh	3052	Mandake
43)	Mulla Sahil Salim	3059	Mulla
44)	Mohite Harshavardhan	3056	Mohite
45)	Ghodake Swapnil Arun	3037	Ghodake
46)	Pawar Suraj Hanmant	3070	Pawar
47)	Pawar Gangaram Namdev	3068	Pawar
48)	Sarvase Sanket Vilas	3073	Sarvase
49)	Tamboli Shabir Rafik	3080	Tamboli
50)	Patil Rohit Subhash	3065	Patil
51)	Patil Rohit Arun	3064	Patil
52)	Pawar Akash Arun	3067	Pawar
53)	Kamble Shambhurashe Diip	3047	Kamble
54)	Kadam Shriraj Arun	3043	Kadam
55)	Nimbalkar Ganesh Jaywant	3062	Nimbalkar

Shetkari Shikshan Prasarak Mandal's
Krishna Mahavidyalaya, Rethare Bk

IQAC 2018-2019

ACTIVITY REPORT
Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- Lead College Program			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
02/02/2019	Science	Chemistry	Mr. C. Y. Chavan
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
11:00 am To 02:00 pm	KMR	105	Outdoor/Indoor
SUPPORT/ASSISTANCE:			Indoor




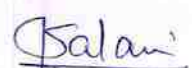
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Green Chemistry
OBJECTIVES	To know the importance of green Chemistry.
METHODOLOGY	Power Point Presentation
OUTCOMES	Students got information about green methods of synthesis of so many Chemicals.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of <input checked="" type="checkbox"/>	3. Activity report <input checked="" type="checkbox"/>	4. Photos <input checked="" type="checkbox"/>	5. Feedback form
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 Mr. C. Y. Chavan	 (Mr. C. Y. Chavan) READ The Department of Chemistry KRISHNA MAHAVIDYALAYA SHIVNAGAR (RETHARE BK)	 Principal	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara

अहवाल

शिवाजी विद्यापीठ, कोल्हापूर अंतर्गत अग्रणी महाविद्यालय व कृष्णा महाविद्यालय, रेटरे बु॥ यांच्या संयुक्त विद्यमाने आमच्या महाविद्यालयात रसायनशास्त्र विभागाच्या वतीने शनिवार दि. ०२/०२/२०१९ रोजी Green Chemistry या विषयावर एक दिवसीय चर्चासत्र आयोजित केले. या उपक्रमामध्ये उद्घाटन सकाळी ११:०० वाजता प्रमुख पाहूणे, कार्यक्रमाचे अध्यक्ष व विभागप्रमुख यांच्या हस्ते करण्यात आले.

या चर्चासत्राचे प्रास्ताविक रसायनशास्त्र विभागप्रमुख प्रा. सी. वाय. चव्हाण यांनी केले व प्रमुख पाहुण्यांचा परिचय प्रा. कु. व्ही. एल. कांबळे यांनी केला.

प्रमुख पाहूणे प्रा. यु. पी. पाटील यांनी Green Chemistry या विषयावर विद्यार्थ्यांना सखोल मार्गदर्शन केले तसेच पर्यावरण रक्षणासाठी ग्रीन केमिस्ट्रीची आवश्यकता असून त्यासाठी विशेष प्रयत्न होणे गरजेचे आहे, असे प्रतिपादन केले.


प्राचार्य डॉ. सी. बी. साळुंखे यांनी अध्यक्षीय भाषणात आपले विचार व्यक्त केले व विद्यार्थ्यांना मार्गदर्शन केले.


या चर्चासत्राकरिता विज्ञान शाखेचे विद्यार्थी व विद्यार्थिनी तसेच सर्व शिक्षक व शिक्षकेत्तर कर्मचारी उपस्थित होते.

हा कार्यक्रम आयोजित करण्यासाठी प्राचार्य डॉ. सी. बी. साळुंखे व समन्वयक अग्रणी महाविद्यालय प्रा. एन. व्ही. गायकवाड यांनी प्रवृत्त केले. सदर कार्यक्रम यशस्वी करण्यासाठी रसायनशास्त्र विभागातील प्राध्यापक व प्रशासकीय सेवकांनी विशेष परिश्रम घेतले.

सदर चर्चासत्राचे सुत्रसंचालन कु. ए. एच. बारगीर यांनी केले. तसेच शेवटी उपस्थितांचे आभार कु. आर. एस. सोमदे यांनी मानले.

या कार्यक्रमासाठी चहापान व नाष्ट्याची सोय करण्यात आली होती. हा कार्यक्रम सर्व दृष्टीने यशस्वी झाला.


Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD


(Mr. C. Y. Chavan)
HEAD
The Department of Chemistry
KRISHNA MAHAVIDYALAYA
HIVNAGAR (RETHARE BK.)

नोटीस

दिनांक - 09/02/2019

वरिष्ठ महाविद्यालयातील सर्व प्राध्यापकांना कळविणेत येते की शनिवार दि. 02/02/2019 रोजी सकाळी 9.00 वा. रसायनशास्त्र विभागातर्फे अग्रणी महाविद्यालय अंतर्गत चर्चासत्रामध्ये 'Green Chemistry' या विषयावर प्रा. यु. पी. पाटील, कला, वाणिज्य व विज्ञान महाविद्यालय, पलूस यांचे व्याख्यान आयोजित केले आहे. तरी सर्वांनी याचा लाभ घ्यावा.

स्थळ :- लेक्चर हॉल नं. 94

[Handwritten signature]

प्राध्यापक वर्ग (सिनिअर)

१.	सौ. मोहिते के. व्ही.		३०.	श्री. जाधव आर. एम्.	
२.	डॉ. पाटील एस. एम्.	<i>[Signature]</i>	३१.	श्री. दवंग ए. बी.	
३.	डॉ. साळुंखे सी. बी.		३२.	श्री. जाधव आर. एच.	
४.	डॉ. बनसोडे एम्. एस.	<i>[Signature]</i>	३३.	श्री. जाधव व्ही. एस.	
५.	श्री. माने बी. एस.	<i>[Signature]</i>	३४.	श्री. कदम जी. ए.	<i>[Signature]</i>
६.	श्री. चव्हाण सी. वाय.	<i>[Signature]</i>	३५.	कु. जाधव के. एस.	
७.	श्री. पाटील एच. व्ही.	<i>[Signature]</i>	३६.	कु. शिंदे एम्. एम्.	
८.	डॉ. गवळी आर. व्ही.	<i>[Signature]</i>	३७.	श्री. चौगुले ए. एस.	
९.	डॉ. कुंभार डी. आर.	<i>[Signature]</i>	३८.	कु. पाटील पी. डी.	<i>[Signature]</i>
१०.	डॉ. कांबळे एम्. व्ही.	<i>[Signature]</i>	३९.	कु. निकम आर. जे.	
११.	डॉ. सोनवणे व्ही. के.	<i>[Signature]</i>	४०.	कु. कांबळे एस. एम्.	
१२.	श्री. पाटील एस. आर.	<i>[Signature]</i>	४१.	कु. खोत एम्. ए.	
१३.	श्री. तेलवेकर एस. टी.	<i>[Signature]</i>	४२.	डॉ. पाटील डी. व्ही.	<i>[Signature]</i>
१४.	डॉ. भाकरे पी. डी.	<i>[Signature]</i>	४३.	कु. पाटील आर. पी.	
१५.	श्री. गायकवाड एम्. व्ही.	<i>[Signature]</i>	४४.	कु. मुळीक ए. बी.	
१६.	डॉ. राजहंस एस. एम्.	<i>[Signature]</i>	४५.	श्री. अत्तार एस. आर.	<i>[Signature]</i>
१७.	डॉ. निकम आर. डी.	<i>[Signature]</i>	४६.	श्री. करांडे एस. डी.	
१८.	डॉ. कुरणे एम्. व्ही.		४७.	कु. मालजी. के. व्ही.	
१९.	डॉ. माने डी. एन्.		४८.	कु. सुर्यवंशी एस. एस.	
२०.	कु. कांबळे व्ही. एल.	<i>[Signature]</i>	४९.	कु. गोसावी के. आर.	<i>[Signature]</i>
२१.	कु. पवार एम्. एस.	<i>[Signature]</i>	५०.	कु. जाधव एस. ए.	
२२.	श्री. थोरात ए. ए.	<i>[Signature]</i>	५१.	श्री. बनसोडे डी. एल.	
२३.	श्री. साळुंखे व्ही. यु.	<i>[Signature]</i>	५२.	कु. पाटील आर. व्ही.	
२४.	डॉ. दळवी डी. एस.	<i>[Signature]</i>	५३.	कु. जगताप पी. बी.	
२५.	डॉ. जाधव एस. एच.	<i>[Signature]</i>	५४.	श्री. तावडे एस. एस.	
२६.	कु. शाळगावकर व्ही. आर.	<i>[Signature]</i>	५५.	श्री. काळे एम्. जे.	
२७.	कु. कपसे डी. बी.	<i>[Signature]</i>	५६.	कु. दामोळे आर. जे.	
२८.	सौ. जाधव एस. एम्.	<i>[Signature]</i>	५७.	कु. सावंत आं. एस.	
२९.	सौ. पाटील एस. बी.	<i>[Signature]</i>			

आतार ए. आर
देसाई आर एस

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प्राध्यापक वर्ग (ज्युनियर)

१.	श्री. पवार एस्. पी.		१७.	श्री. देशमुख डी. के.	
२.	श्री. शिंदे आर. एस्.		१८.	श्री. पाटील ए. जे.	
३.	सौ. बनसोडे एस्. एम्.		१९.	सौ. सदे ए. बी.	
४.	सौ. पाटील आर. आर.		२०.	सौ. देशमुख एस्. एस्.	
५.	सौ. सुपुगडे एस्. व्ही.		२१.	सौ. मोहिते डी. एन्.	
६.	श्री. यादव व्ही. एस्.		२२.	कु. चव्हाण एल. ए.	
७.	श्री. बोधे एस्. बी.		२३.	श्री. दाभोळे व्ही. एम्.	
८.	कु. कुंभार एम्. एम्.		२४.	श्री. बनसोडे बी. व्ही.	
९.	सौ. सावंत एस्. एच्.		२५.	श्री. वसावे एम्. बी.	
१०.	श्री. आंबवडे एस्. एस्.		२६.	सौ. पालकर ए. पी.	
११.	श्री. हाडबे पी. जी.		२७.	कु. शिंदे एम्. यु.	
१२.	श्री. रणसिंग व्ही. एस्.		२८.	कु. पाटील आय. आर.	
१३.	सौ. पवार एच्. ए.		२९.	कु. यादव एस्. एस्.	
१४.	सौ. अस्वले व्ही. एस्.		३०.	कु. काळे एम्. बी.	
१५.	श्री. मुठीक एस्. बी.		३१.	कु. जगताप एस्. व्ही.	
१६.	कु. जाधव व्ही. एस्.		३२.	सुर्यवंशी एस्. एस्.	

द्विकेशनल विभाग

१.	श्री. चव्हाण ए. पी.		४.	श्री. चव्हाण एस्. बी.	
२.	श्री. खवाले एस्. ई.		५.	श्री. वारके बी. एन्.	
३.	श्री. कांबळे एस्. एस्.				

शिक्षकेतर कर्मचारी

१.	श्री. लाड. ए. एस्.		१६.	श्री. जानकर ए. डी.	
२.	श्री. वायदंडे बी. बी.		१७.	श्री. कणसे एम्. एस्.	
३.	श्री. जांभळे एस्. एम्.		१८.	श्री. माने बी. टी.	
४.	श्री. कणसे बी. डी.		१९.	श्री. मदने व्ही. एम्.	
५.	श्री. परदेशी एस्. जे.		२०.	श्री. कांबळे बी. एस्.	
६.	श्री. शिंगाडे एस्. ए.		२१.	श्री. पाटील पी. एच्.	
७.	श्री. पाटील व्ही. एच्.		२२.	श्री. पाटील पी. एन्.	
८.	श्री. पाटील ए. ए.		२३.	श्री. बनसोडे ए. व्ही.	
९.	श्री. वळवके ए. एल्.		२४.	श्री. पवार जे. ए.	
१०.	श्री. पवार बी. यु.		२५.	श्री. बळीवंत बी. डी.	
११.	कु. साखरे यु. एस्.		२६.	श्री. गभाले डी. के.	
१२.	श्री. मुल्ला एस्. के.		२७.	श्री. सुतार टी. के.	
१३.	श्री. जाधव व्ही. पी.		२८.	श्री. बारीधा के. बी.	
१४.	श्री. लोहार एम्. टी.		२९.	श्री. दांडेकर के. एस्.	
१५.	श्री. खोत ए. एम्.		३०.	श्री. डोलस आर. के.	

३४) कु. गुजले आर एम्

३१) कु. जाधव. व्ही. ए. ए.

३२) कु. सुभाणी एस्. डी. डी.

३३) कु. भास्करे पी. के.

Signature
Amuldar
34



0/c
संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/636/2018-19/Sr.

Date : 02/02/2019

To,

Mr. U.P. Patil
Department of chemistry,
A.C.S. College Palus

Subject: - Resource person for seminar under lead college activity.

Respected Sir,

With reference to above mentioned subject, I am really pleased for your precious guidance on 'Green Chemistry' organized by Department of chemistry, Krishna Mahavidyalaya, Rethare Bk. On 2nd feb. 2019. I hope that your deliberation will be very fruitful for our student and staff.

We hope for your cooperation in future also.

Thanking you.

Yours Faithfully,

(Dr. C. B. Salunkhe)

Dr. C. B. Salunkhe

PRINCIPAL

KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD

Received
on 2 Feb 2019
U.P. Patil
U.P. Patil.



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/56/607/2018-19

Date : 29/01/2019

To,

Mr. U.P. Patil
Department of Chemistry
A.C.S. College Palus

Subject: - Invitation for the seminar under lead college activity.


Respected Sir,

Department of Chemistry of our college organized one day seminar on "Green Chemistry" Under lead college activity.

I would like to invite you as a resource person for this seminar on 2nd Feb. 2019 at 11:00 am in our college.

Thanking you.

Yours Faithfully,


(Dr. C. B. Salunkhe)

Received
U.P. Patil
2 Feb 2019



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

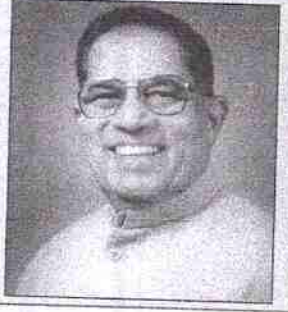
Email : kmr_sspm@yahoo.co.in

Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/SR/628/2018-19

Date : 30/01/2019

To,

The Principal,

S.G.M. College, Karad

Tal. Karad Dist. Satara

Sub. :- Invitation for attending One-day seminar

Sir,

I would like to inform you that the Chemistry department of our college has organized one-day seminar on 'Green Chemistry' under the lead college activity on Saturday 02/02/2019 at 11:00 a.m. in the college campus.

I cordially invite you for the same. I hereby request you to send atleast one teacher and five students of the Chemistry department. The TA/DA will be borne by the respective college.

Best regards

Thanking you,

डा. सी. बी. सालुंके

११/२/१९

Yours faithfully,
Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK), TAL. KARAD

S.G.M. College, Karad

Inward No. - 2018/19
Date - 31/2/19

प्रति,

मा. प्राचार्य,

कृष्णा महाविद्यालय, रेठरे बु।।

प्रा. सी. वाय. चव्हाण

सि. रसायनशास्त्र विभाग

दि. २५/०२/२०१९

विषय :- अग्रणी महाविद्यालय योजनेअंतर्गत घेतलेल्या एकदिवसीय चर्चासत्राचा खर्च मिळणेबाबत.

महोदय,

सन २०१८-१९ या शैक्षणिक वर्षात अग्रणी महाविद्यालय योजनेअंतर्गत दि ०२/०२/२०१९ या दिवशी एकदिवसीय चर्चासत्र घेतले आहे. सदर चर्चासत्रासाठी रु.३७०५/- इतका खर्च झालेला आहे. तरी चर्चासत्रासाठी झालेल्या खर्चाची एकूण रक्कम ३७०५/- मिळावी हि विनंती.

कळावे,

सोबत :- आवश्यक कागदपत्रे

आपला विश्वासू,



(प्रा. सी. वाय. चव्हाण)

HEAD
The Department of Chemistry
KRISHNA MAHAVIDYALAYA
SHIVNAGAR (RETHABE BU.)

Gift
25/2/2019
Prakash Nar.
Head of the college

26/02/2019
Received

कार्यक्रम पत्रिका

शेतकरी शिक्षण प्रसारक मंडळ रेठरे बु॥

कृष्णा महाविद्यालय रेठरे बु॥

रसायनशास्त्र विभाग

अग्रणी महाविद्यालय अंतर्गत चर्चासत्र

विषय :- " Green Chemistry"

दि. ०२ फेब्रु. २०१९ सकाळी :- ११.०० वा.

- १) प्रास्ताविक व स्वागत — प्रा. सी. वाय. चव्हाण
- २) वृक्ष पूजन व प्रतिमा पूजन — अध्यक्ष व प्रमुख पाहूणे
- ३) प्रमुख पाहूण्यांचा परिचय — प्रा. व्ही. एल. कांबळे
- ४) तज्ञ मार्गदर्शक — प्रा. यू. पी. पाटील
- ५) अध्यक्षीय मनोगत — प्राचार्य डॉ. सी. बी. साळुंखे
- ६) आभार — कु. पी. जे. निकम
- ७) सूत्र संचालन — कु. ए. एच. बारगीर

कृष्णा महाविद्यालय, रेडरे बु.

Date: 02/02/2019

अग्रणी महाविद्यालय अंतर्गत रसायनशास्त्र
विभाग आयोजित एक दिवसीय कार्यक्रमा

विषय :- Green Chemistry

लेख मार्गदर्शक :- प्रा. यु. पी. पाटील

ए. सी. एस. कॉलेज, पलूस

अध्यक्ष :- प्रा. डॉ. सी. बी. साळुंखे

उपस्थित विद्यार्थी

Sr. No.	Name of students	class	Name of college	Signature
1	Mulla Sahil Salim	BSc-III	K.M.R	Sahil Mulla
2	Waghmare Akash Chhagan	BSc-III	K.M.R	Akash Waghmare
3	Chavan Nikhil Shantae	BSc-III	K.M.R	Nikhil Chavan
4	Patil Rohit Subhash	BSc-III	K.M.R	Rohit Patil
5	Patil Suraj Hanmant	BSc-III	K.M.R	Suraj Patil
6	Patil Pruthviraj Popat	BSc-III	K.M.R	Pruthviraj Patil
7	Patil Akash Anjun	BSc-III	K.M.R	Akash Patil
8	Patil Sangram Namdev	BSc-III	K.M.R	Sangram Patil
9	Kadam Prithviraj Anil	BSc-III	K.M.R	Prithviraj Kadam
10	Sawant Sourabh Ramesh	B.Sc III	K.M.R	Sourabh Sawant
11	Swapnil Arun Ghodake	B.Sc III	K.M.R	Swapnil Ghodake
12	Savase Sanjay Vilas	BSc III	K.M.R	Sanjay Savase
13	Tamboli Shah-wah Rafik	BSc III	K.M.R	Tamboli Shah-wah Rafik
14	Nikam Avinash Chandra	BSc III	S.G.M	Nikam Avinash
15	Chavan Shubham Shashikanth	B.Sc-III	S.G.M	Shubham Chavan
16	Yadav Shubham Shahaji	B.Sc III	S.G.M	Shubham Yadav
17	Rayate Amol Bajirao	B.Sc-III	K.M.R	Amol Rayate

Sr No.	Name of students	class	Name of college	Signature
18	Morse Ganesh Dilip	B.sc III	S.G.M. Karad	<u>Jul</u>
19	Radav Vaibhav Sambhaji	B.sc III	K.M.R.	<u>Jalra</u>
20	Mane Janket Shashikant	B.sc III	K.M.R.	<u>Somanth</u>
21	Jadhav Siddhanath Babaso	B.sc III	K.M.R.	<u>Ag</u>
22	Jagtap Digvijay Dilip	B.sc-III	K.M.R.	<u>DJ Jagtap</u>
23	Mohite Harshvardhan M.	Bsc III	KMR	<u>Mohite</u>
24	Desai Swapnali Shivaji	B.sc I	K.M.R.	<u>Desai</u>
25	Salunkhe Rutuja Ashok	B.S.C I	K.M.R.	<u>Rutuja</u>
26	Jagtap Pratiksha Ashok	B.S.C.I	K.M.R.	<u>Pratiksha</u>
27	Gaikwad Prezna Sanjay	B.S.C I	K.M.R.	<u>Prezna</u>
28	Dharme Aishwarya Uttam	B.sc I	K.M.R.	<u>Dharme</u>
29	Morse Arpita Krushmat	B.sc I	K.M.R.	<u>Arpita</u>
30	Waghmare Dipali Suresh	B.S.C I	K.M.R.	<u>Dipali</u>
31	Nikam Ameeta Mansing	B.S.C I	K.M.R.	<u>Ameeta</u>
32	Jadhav Pratiksha Balaso	B.S.C I	K.M.R.	<u>Pratiksha</u>
33	Shikalgar Simran Hajaratali	B.Sc.-I	K.M.R.	<u>Shikalgar</u>
34	Shinde Rutuja Sanjay.	BSc-I.	K.M.R.	<u>Shinde.</u>
35	Shinde Prajakta Rajendra	BSc-I	K.M.R.	<u>Shinde.</u>
36	Madane Kalyani Popat	BSC-I	K.M.R.	<u>Madane</u>
37	Saxgar Shweta Sambhaji	BSC-I	K.M.R.	<u>Saxgar</u>
38	Jadhav pooja Bhivaji	BSC-I	K.M.R.	<u>Pooja</u>
39	Gaikwad Mrunal Nivas	BSc.I	K.M.R.	<u>Mrunal</u>
40	Kawate Vaibhavae Deepak	Bsc-I	K.M.R.	<u>Kawate</u>
41	Mohite Yogita Dilip	Bsc I	K.M.R.	<u>Mohite</u>
42	Kalekar Muskan Shabuddin	B.S.C I	K.M.R.	<u>Kalekar</u>
43	Dharme Shweta Shivaji	B.S.C I	K.M.R.	<u>Dharme</u>
44	Jadhav Pratima Bhimrao	B.Sc.I	K.M.R.	<u>Pratima</u>
45	Patil Sonika Ananda	B.Sc.I	K.M.R.	<u>Patil</u>
46	Sawant Pratiksha Popat	B.Sc.I	K.M.R.	<u>Sawant</u>
47	Shinde Shivani Raju	B.Sc.I	K.M.R.	<u>Shinde</u>
48	Nikam Vaishnavi Sampat	B.Sc.I	K.M.R.	<u>Nikam</u>

02/02/2019

Sr No.	Name of students	class	Name of college	Signature
49	Dhole Ashwini Jaysing	T.Y. BSc	K.M.R.	<u>Ashela</u>
50	Mulla Shainaj Amin	T.Y. BSc.	K.M.R.	<u>Shainaj</u>
51.	Ghodake Rajashri Gorakhanath	T.Y. BSc.	K.M.R.	<u>Rajshri Ghodake</u>
52.	Jadhav Ankita Madhukar	T.Y. B.Sc	K.M.R.	<u>Ankita</u>
53.	Deshmukh Mohini Sanjay	T.Y. BSc.	K.M.R.	<u>Mohini</u>
54	Karande Priti Jaykar	T.Y. BSC.	K.M.R.	<u>Priti</u>
55	Chavan - (Patil) Sanyogeeeta K.	T.Y. BSc	K.M.R.	<u>Chavan</u>
56	Chavan Maheshwari. A.	T.Y. B. SC.	K.M.R.	<u>Chavan</u>
57	Bamade Rutuja Subhash	T.Y. BSc	K.M.R.	<u>Bamade</u>
58	Baegje Aejuman Haphij	T.Y. BSc.	K.M.R.	<u>Baegje</u>
59	Patil Rohit Arun	T.Y. BSC	K.M.R.	<u>Patil</u>
60	Mandake Keshav Ganesh	T.Y. BSc	K.M.R.	<u>Mandake</u>
61	Patil Arun			
61	Besoi Ravindra Peadip	T.Y. BSc	K.M.R.	<u>Besoi</u>
62	Patil Tushar Vijay	S.Y. B.Sc	K.M.R.	<u>Patil</u>
63	Mohite Vishal Dadaso	T.Y. B.S.C	K.M.R.	<u>Mohite</u>
64	Mohite vivek Vishwanath	T.Y. B.S.C	K.M.R.	<u>Mohite</u>
65	Deshmukh Amit Hanmant	T.Y. B.S.C	K.M.R.	<u>Deshmukh</u>
66	Patil Aninash Prakash	T.Y. B.Sc	S.G.M	<u>Patil</u>
67	Karande Sunny Satish	S.Y BSC	K.M.R.	<u>Karande</u>
68	Patil Rushikesh Ganpati	S.Y BSc	K.M.R.	<u>Patil</u>
69	Kamase Rohit Ramesh	S.Y BSc	K.M.R.	<u>Kamase</u>
70	Graude Prakash Gangaram	B.Sc III	K.M.R.	<u>Graude</u>
71	Patil Jaykumar Hanmant	S.Y. BSC	K.M.R.	<u>Patil</u>
72	Pawar Shubham Dilip	T.Y BSC	K.M.R.	<u>Pawar</u>
73	Kokade Shridhar Pandurang	T.Y. BSc	K.M.R.	<u>Kokade</u>
74	Kamate Santosh Basappa	T.Y. BSc	K.M.R.	<u>Kamate</u>
75	Patil Sourabh Prataprao	T.Y. B.Sc	K.M.R.	<u>Patil</u>
76	Kamble Shambhurye Dilip	BSc III	K.M.R.	<u>Kamble</u>
77	Kadam Dhruv Arun	T.Y. BSc	K.M.R.	<u>Kadam</u>
78	shinde Aninash sudarshan	T.Y. BSC	K.M.R.	<u>Shinde</u>

Sl. No	Name of students	class	Name of collage	Signature
79)	Sawant Amar Ashok	Tj. BSC.	K.M.R.	
80)	Mulla Adnan siddiq	BSC I	KMR	
81	Kadam Rahul Jalindore	B. SC. I	K.M.R.	
82)	Mujawar Sabir Musaf	B. SC. I	K.M.R.	
83	Nimbalkar, Gunesn Jyotant	B. SC. III	K.M.R.	
84	Garrud Akshay Ramesh	B. SC III	K.M.R.	
85	mahadik kedar sanjev	B. SC-III	KMR	
86)	chavan Rushikesh krushna	B. SC-III	KMR	
87)	Mane komal vasontao	BSC-III	KMR	
88)	Salunkhe Pratiksha Prakash	Bsc-III	KMR	
89)	Pawar Pooja Ramesh	B. SC. III-3	K.M.R.	
90	Suryawanshi Umesh Sayaji	T.Y. BSC.	K.M.R.	
91	Somade shivam patil	-II	K.M.R.	
92	Mane Sanket Dipak	TY Bsc.	KMR	
93	Pawde Shubham Arvind.	F.Y. BSC	KMR	
94)	Patil shivani Rajendra	S.Y. BSC	KMR	
95)	Jadhav Nikita Bharat	S.Y. BSC	KMR	
96]	Kashid kajal shivaji	S.Y BSC.	KMR	
97]	Patil Jyotsna vasant	S.Y. BSC	KMR	
98]	Pawar Nikita Nandakumar	T.Y. BSC	KMR	
99]	Pawar Komal Gaganan	T.Y. BSC	KMR	
100)	Patil Ashvini Fattlesing	T.Y. BSC.	K.M.R.	
101)	umardand supriya keishnat	T.Y. BSC	K.M.R.	
102)	Moze Ankita vikas	S.Y. BSC	K.M.R.	
103]	Kamble. Komal Pravin	TY. BSC.	K.M.R.	
104)	Walake Sayali Bhagwan	T.Y. BSC	K.M.R.	
105)	Vadagne pooja vikram	T.Y. BSC	K.M.R.	

Dr. C. B. Salunkhe

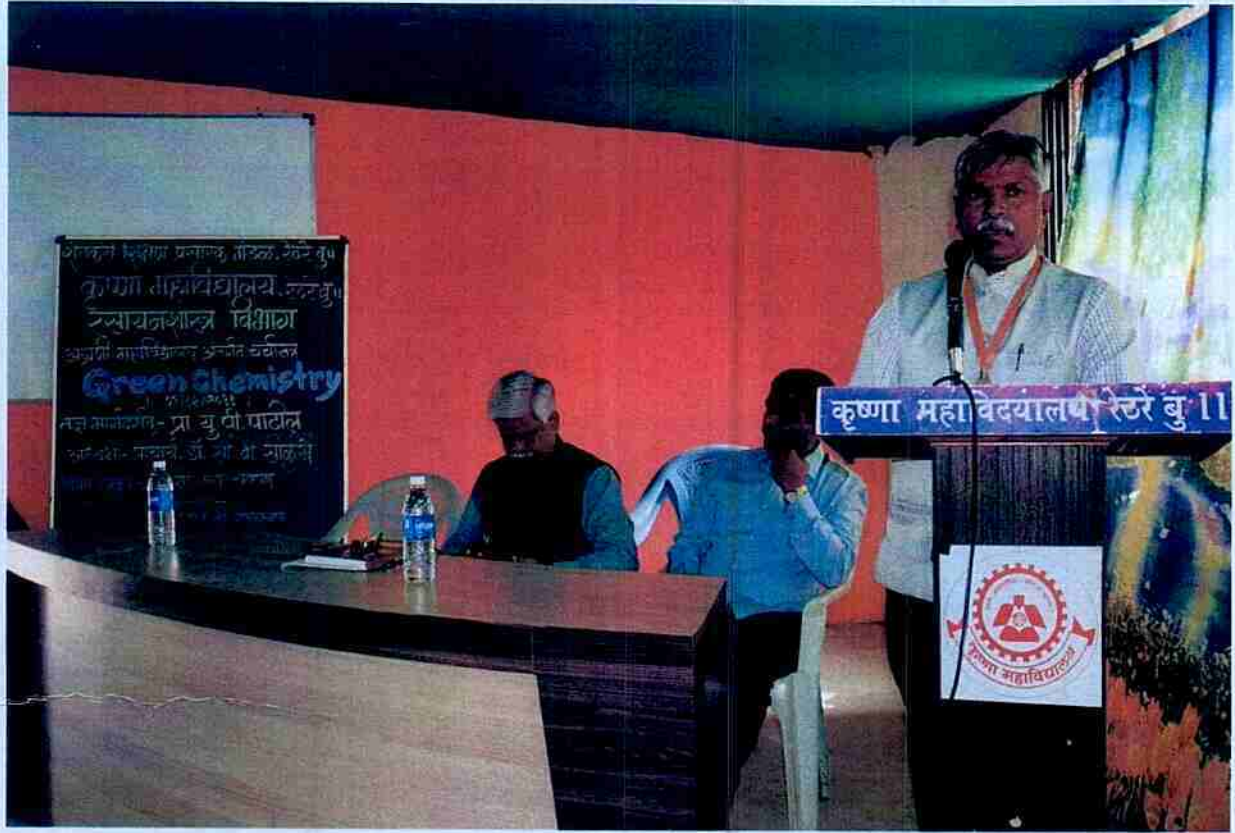
KRISHNA MAHAVIDYALAYA
RETHARE (BK), TAL. KARAD


The Department of Chemistry
KRISHNA MAHAVIDYALAYA
MIVNAGAR (RETHARE BK)



Dr. C. B. Salunkhe
 PRINCIPAL
 KRISHNA MAHAVIDYALAYA
 RETHARE (BK.), TAL. KARAD

अग्रणी महा
Great
 दि
 तज्ञ मार्गदर्शक-
 अध्यक्ष- प्राचार्य
 विभागप्रमुख- प्रा.
 अग्रणी महाविद्यालय सम
 प्रा.




 Dr. C. B. Salunkhe
 PRINCIPAL
 KRISHNA MAHAVIDYALAYA
 RETHARE (BK.), TAL. KARAD



Dr. B. Salunkhe
 PRINCIPAL
 KRISHNA MAHAVIDYALAYA
 RETHARE (BK), TAL. KARAD



Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Tal. Karad, Dist. Satara (Maharashtra)

NAAC Accredited : 'B+'

CERTIFICATE

This is to certify that Mr./Miss./Dr. _____
_____ of _____

attended a Lead College Sponsored One Day Seminar on "Green Chemistry" as a Resource person/participant organized by the Department of Chemistry, Krishna Mahavidyalaya, Rethare Bk. On Saturday, 02 February, 2019

Mr. C. Y. Chavan
Head,
Department of Chemistry

Miss. V. L. Kamble
Convener,
of the Seminar

Mr. N. V. Gaikwad
Co-ordinator,
lead College programme

Dr. C. B. Salunkhe
Principal,
Krishna Mahavidyalaya, Rethare Bk.

रै. फुदारी, दि. 03/02/2019

सोहळा आयोजित करण्यात आला

क्षेत्रातील मान्यवर उपस्थित होते

यांनी सर्वांचे स्वागत करून, विरोधी

नी कारभाराला चाप लावत त्य

पर्यावरण रक्षणासाठी ग्रीन केमिस्ट्रीची गरज

प्रा.यु.पी.पाटील यांचे मत ; रेठरेतील कृष्णा महाविद्यालयात चर्चासत्राचे आयोजन

रेठरे बु. प्रतिनिधी

संपूर्ण जगभरात अनेक प्रकारे मोठ्या प्रमाणात प्रदूषण होत आहे. याला अनेक कारणे असली तरी मानवाने स्वतःच्या फायद्यासाठी निसर्गावर घाला घातला आहे. त्याचा परिणाम नैसर्गिक घटकांवर होत आहे. हे मानवासाठी घातक असून भविष्यात याचा परिणाम कमी होणे गरजेचे आहे. त्यासाठी प्रथम निसर्ग व पर्यायाने लोकांचे संतुलन राखले पाहिजे. पर्यावरण, रक्षणासाठी ग्रीन केमिस्ट्रीची आवश्यकता असून त्यासाठी विशेष प्रयत्न होणे गरजेचे आहे, असे प्रतिपादन पलूस येथील महाविद्यालयाचे प्रा. यु. पी. पाटील यांनी केले.

रेठरे बुदूक (ता.कराड) येथील कृष्णा महाविद्यालयात अग्रणी महाविद्यालय अंतर्गत ग्रीन केमिस्ट्री याविषयी आयोजित चर्चासत्रात ते बोलत होते. यावेळी प्राचार्य डॉ. सी. बी. साळुंखे, रसायनशास्त्र विभाग प्रमुख प्रा.



रेठरे बुदूक : कृष्णा महाविद्यालयात ग्रीन केमिस्ट्री याविषयावर बोलताना प्रा. यु. पी. पाटील, डॉ. सी. बी. साळुंखे, प्रा. सी. वाय. चव्हाण.

सी. वाय. चव्हाण यांची प्रमुख उपस्थिती होती.

प्रा. यु. पी. पाटील म्हणाले, शासन नैसर्गिक संतुलन व पर्यायांतरण राखण्यासाठी अनेक उपक्रम, योजना राबवित आहे. असे असले तरी आजही लोकांचा पर्यायांतरणाकडे पाहण्याचा दृष्टीकोन फारसा बदलत नाही. हे भविष्यासाठी धोकादायक आहे. ग्रीन केमिस्ट्रीच्या माध्यमातून हे चित्र आपण बदलू शकतो. यासाठी सर्वांनी

समारात्मक विचार करून हा संकल्प राबविणे गरजेचे आहे. सर्वत्र क्षेत्रात बदल होत असून त्यास पर्यायांतरणही अपवाद राहिले नाही. त्यासाठी वेगवेगळ्या उपाय योजनेची गरज निर्माण झाली आहे. ग्रीन केमिस्ट्री हा सर्वात पर्याय पुढे येत आहे, असे सांगून त्यांनी याविषयी सखोल व उपयुक्त माहिती दिली.

अध्यक्षीय भाषणात प्राचार्य डॉ. सी. बी. साळुंखे म्हणाले, निसर्गात वाढणारे प्रदूषण भविष्यात हाणीकारक

ठरणारे असून त्यापासून संरक्षण व बचत होण्यासाठी ग्रीन केमिस्ट्री सारखे उपक्रमांची गरज आहे.

प्रा. सी. वाय. चव्हाण या अग्रणी महाविद्यालयातर्गत घेतलेल्या कार्यक्रमाचा उद्देश स्पष्ट करून स्वागत व प्रास्ताविक केले. प्रा. व्ही. एन. कांबळे यांनी पाहुण्यांचा परिचय करून दिला. सुत्रसंचालन कु. ए. एच. वारंग हिने केले. कु. पी. जे. निकम यांनी आभार मानले. यावेळी प्रा. एन. व्ही. गायकवाड, डॉ.

एस. एस. पाटील, प्रा. बी. एस. माने, प्रा. एच. व्ही. पाटील यांच्यासह कॉलेजचे शिक्षक, शिक्षकेतर कर्मचारी व विद्यार्थ्यांची उपस्थिती होती.



IQAC 2018-2019

ACTIVITY REPORT

Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- Industrial visit			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
09/02/2019	Science	Chemistry	Miss V.L. Kamble
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
08:45 am To 3:00 pm	Y.M.K.S.S. Karkhana, Shivnagar	57	Outdoor/Indoor Outdoor
SUPPORT/ASSISTANCE:			

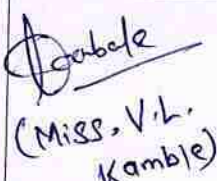


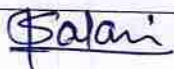
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Industrial visit
OBJECTIVES	To observe actual processes carried out to produce sugar from sugarcane
METHODOLOGY	Lectures & Visit
OUTCOMES	Students Clearly understand production of sugar from sugarcane.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	<input checked="" type="checkbox"/> 2. Student list of	<input checked="" type="checkbox"/> 3. Activity report	<input checked="" type="checkbox"/> 4. Photos	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	VICE PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 (Miss. V.L. Kamble)	 (Mr. C.Y. Chavan) HEAD The Department of Chemistry KRISHNA MAHAVIDYALAYA SHIVNAGAR / RETHARE BK	 Principal Krishna Mahavidyalaya, Rethare Bk, Tal. Karad : 415 108 (M.S)	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara

Krishna Mahavidyalaya, Rethare (Bk.)

Department of Chemistry

Industrial Visit

B.Sc.III Year 2018-19

Department of Chemistry had arranged industrial visit at Y.M. Krishna Sahakari sakhar karkhana Ltd. Rethare (Bk.) on Saturday, 9th Feb., 2019. About 60 students and 5 staff members visited the sugar factory. The main purpose of the said visit at sugar factory was to observe actual processes carried out to produce sugar from sugarcane, to observe distillery unit and co-generation power plant.

We reached the Y.M. Krishna Sahakari sakhar karkhana Ltd. Rethare (Bk.) at 8.45 a.m. First we visited the distillery unit at 9.00 a.m.. The Assistant General Manager of distillery unit Mr. Pratapsinh Nalawade guided our students. He gave information about production of alcohol from molasses, byproducts of alcohol industry and its importance.

At 11.00 a.m. onwards we visited sugar production unit. Students observed all the steps involved in sugar production i.e. chopping of sugarcane, extraction of juice, clarification and concentration of juice, crystallization of sugar, centrifugation (separation of crystals) and packing of sugar. Molasses and bagasse are byproducts of the sugar industry.

In Y.M. Krishna Sahakari sakhar karkhana Ltd. Rethare (Bk.) molasses (mother liquor left behind after crystallization of sugar) is used for the manufacture of ethyl alcohol and bagasse (cane residue left after complete extraction of juice) is used as a fuel for production of steam in power generation unit. The co-generation power plant of this sugar factory has 16 MW capacity.

Students were happy and satisfied by knowing information about sugar factory.



HEAD

Department of Chemistry
KRISHNA MAHAVIDYALAYA
MIVNAGAR (RETHARE BK)

Date- 05/02/2019

NOTICE

All the students of B.Sc. III (Chemistry) are hereby informed that industrial visit is organized at Y.M.Krishna Sahakari Sakhar Karkhana Ltd. Rethare Bk. (Shivnagar) on **Saturday 09/02/2019**, at **8:45 a.m.** The interested students may enroll their names in the department.


The Department of Chemistry
KRISHNA MAHAVIDYALAY,
SHIVNAGAR (RETHARE BK)



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

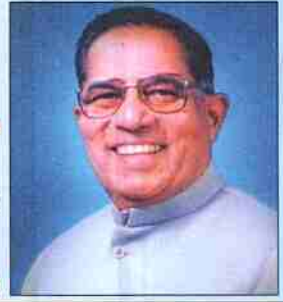
Email : kmr_sspm@yahoo.co.in

Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : **Dr. Salunkhe C. B.**, M.Sc., Ph. D.

Founder : **Hon. Jaywantrao Bhosale**



Ref. No. : KMR/SR/697/2018-19

Date : 06/02/2019

To,

The Managing Director,
Yashwantrao Mohite Krishna Sahakari
Sakhar Karkhana Ltd. Rethare Bk.
Post - Shivnagar Tal. Karad.

Sub :- To visit your well known sugar factory.

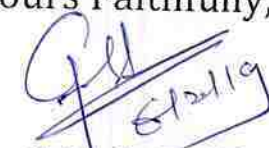
Respected Sir,


A group of about 60 students of B.Sc. III Chemistry and 5 staff are going to visit your well known sugar factory and distillery on Saturday 9th Feb., 2019 at 11:00 am.

I hope you will look in the matter personally and consider our request positively.

Thanking You,

Yours Faithfully,


(Dr. C. B. Salunkhe)
Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD


DISPATCH CLERK
Krishna Sahakari Sakhar Karkhana Ltd.
Rethare Bk. Post, Shivnagar,
Tal. Karad, Dist. Satara

6 FEB 2019

60 students
and 5 faculty
members has
visited on 09/02/2019
as per prior permission
letter
Aspati.

केवळ शिष्ट विद्यार्थ्यांसाठी
श्री. कृष्णा महाविद्यालय, रेंथारे बक

संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)



Founder : Hon. Jaywantrao Bhosale

Principal : Dr. Salunkhe C. B., M.Sc., Ph.D.

Date : 06/02/2019

Ref. No. : KMR/SR/698/2018-19

To,

Managing Director,
Yashwantrao Mohite K.S.S.K. Ltd.
Rethare Bk.


Sub. :- Permisson to visit distillery plant of alcohol to B.Sc. III
Chemistry Students & Staff Members

Respected Sir,

Under department activity, B.Sc. III students are doing their study regarding certificate course in alcohol technology and they are interested to visit your distillery plant of alcohol to know how plant works smoothly. So I request you to allow about 60 students & 5 staff to visit your plant On 9th Feb. 2019 at 9:00 am.

Thanking You,

Yours Faithfully,


(Dr. C. B. Salunkhe)
Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD


DISPATCH CLERK

Y. M. Krishna Sahakar - Jankar Karkhana Ltd.
Rethare Bk, Post Shivnagar,
Tal. Karad, Dist. Satara

6 FEB 2019

Visited on 06/02/2019


विश्व. जन. मंजूर (डिस्टिलरी)



Krishna Mahavidyalaya Rethare Bk.

Department of Chemistry Year - 2018-19 Date :- 09/02/2019

List of students and staff visiting sugar industry and distillery unit of Alcohol

Sr. No.	Student Name	Bargir	Baegie	
1	Bargir Arjuman Hafij	Bargir	Baegie	
2	Chavan Maheshwari Ananda	Chavan	Chavan	
3	Chavan Nikhil Shankar	Nehanan	Nehanan	
4	Chavan Patil Sanyogeeta Krishnat	Chavan	Chavan	
5	Chavan Rushikesh Krushna	Chavan	Chavan	
6	Deshmukh Amit Hanmant	Deshmukh	Deshmukh	
7	Deshmukh Mohini Sanjay	Deshmukh	Deshmukh	
8	Dhole Ashwini Jaysing	Dhole	Dhole	
9	Desai Raviraj Pradip	Desai	Desai	
10	Gavade Prakash Gangaram	Gavade	Gavade	
11	Ghodake Rajashri Gorakhanath	Ghodake	Ghodake	
12	Ghodake Swapnil Arun	Ghodake	Ghodake	
13	Jadhav Ankita Madhukar	Jadhav	Jadhav	
14	Jadhav Shivani Sanjay	Jadhav	Jadhav	
15	Jadhav Siddhanath Babaso	Jadhav	Jadhav	
16	Jagtap Aishwarya Dnyaneshwar	Jagtap	Jagtap	
17	Jagtap Digvijay Dilip	Jagtap	Jagtap	
18	Kadam Dhiraj Arun	Kadam	Kadam	
19	Kadam Prithviraj Anil	Kadam	Kadam	
20	Kakde Shridhar Pandurang	Kakde	Kakde	
21	Kamate Santosh Basappa	Kamate	Kamate	
22	Kamble Shambhuraje Dilip	Kamble	Kamble	
23	Karande Priti Jaykar	Karande	Karande	
24	Karmalkar Suchita Manohar	Karmalkar	Karmalkar	
25	Mandake Kishor Gorakh	Mandake	Mandake	
26	Mane Rutuja Rajaram	Mane	Mane	
27	Mane Sanket Dipak	Mane	Mane	
28	Mane Sanket Shashikant	Mane	Mane	
29	Mohite Harshavardhan Mahadev	Mohite	Mohite	
30	Mohite Vishal Dadaso	Mohite	Mohite	
31	Mohite Vivek Vishwnath	Mohite	Mohite	
32	Mulla Sahil Salim	Mulla	Mulla	
33	Mulla Shainaj Amin	Mulla	Mulla	
34	Nikam Pooja Jaysing	Nikam	Nikam	
35	Nimbalkar Ganesh Jayavant	Nimbalkar	Nimbalkar	
36	Pati Sourabh Prataprao	Pati	Pati	
37	Patil Priyanka Dattatraya	Patil	Patil	
38	Patil Rohit Arun	Patil	Patil	
39	Patil Rohit Subhash	Patil	Patil	
40	Patil Snehal Prahlad	Patil	Patil	



IQAC 2018-2019

ACTIVITY REPORT

Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- Certificate Course in Alcohol Technology			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
04 To 12/02/2019	Science	Chemistry	Miss. Kamble V. L.
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
08:00 am To 11:00 am	KMR	57	Outdoor/Indoor
SUPPORT/ASSISTANCE:	Indoor & Outdoor		


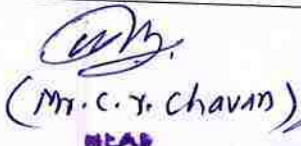

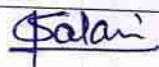
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Certificate Course in Alcohol Technology
OBJECTIVES	To get the information & to make interest among the students about various technological courses after B. Sc.
METHODOLOGY	Theory & Practical
OUTCOMES	Some of the students have taken the admission for the technological courses & some for the post- graduation courses.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	<input checked="" type="checkbox"/> 2. Student list of	<input checked="" type="checkbox"/> 3. Activity report	4. Photos	5. Feedback form
6. Feedback analysis	<input checked="" type="checkbox"/> 7. News clip with details	<input checked="" type="checkbox"/> 8. Certificate	9. Any other	10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 (Miss. V. L. Kamble)	 (Mr. C. Y. Chavan) HEAD	 Principal	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara

Krishna Mahavidyalaya, Rethare Bk.

Department of Chemistry

Notice

Date: 28/01/2019

All the students of B.Sc. III are hereby informed that Department of Chemistry is going to organized "Certificate Course in Alcohol Technology" from 04/02/2019 to 12/02/2019. Interested students may enroll their names in the department.

Venue: Department of Chemistry



HEAD
Department of Chemistry
KRISHNA MAHAVIDYALAYA
SHIVNAGAR (RETHARE BK.)



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_ssprn@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/SR/690/2018-19

Date : 04/02/2019.

To,

Mr. Pratapsinh D. Nalawade,
Asst. General Manager, Distillery
Y.M.K.S.S.K. Ltd. Rethare Bk.

Subject: - Resource person for the 'Certificate Course' in
Alcohol Technology.

Respected Sir,

With reference to above mentioned subject, I am really pleased for your precious guidance on 'Alcohol Technology' organized by Department of chemistry, Krishna Mahavidyalaya, Rethare Bk. On 4th feb. 2019. I hope that your deliberation will be very fruitful for our student and staff.

We hope for your cooperation in future also.

Thanking you.

Yours Faithfully,


(Dr. C. B. Salunkhe)



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale



Ref. No. : KMR/ SR/635/2018-19

Date : 31/01/2019

To,

Mr. Pratapsinh Nalawade,
Distillery Manager,
Y.M.K.S.S.K. Ltd. Rethare Bk.

Subject: - Invitation as a Resource person and chief guest.

Respected Sir,

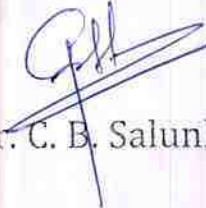
Chemistry department of our college is organizing 'Certificate course in Alcohol Technology' for B.Sc. Chemistry - (Part III) students.

I would like to invite you as a resource person and chief guest for the same on 4th Feb. 2019 at 08:00 a.m. in our college. I am requesting herewith to accept the invitation and deliver a guest lecture to the student.

Best regards.

Thanking you.

Yours Faithfully,


(Dr. C. B. Salunkhe)



0/c
संहती कार्यसाधिका । शिलं परं भूषणम्
Shetkari Shikshan Prasarak Mandal's
KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

Email : kmr_ssppm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)



Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale

Ref. No. : KMR/SR/631/2018-19

Date : 31/01/2019

To,

Managing Director,
Yashwantrao Mohite K. S. S. K. Ltd.
Rethare Bk.


**Sub. : -Permission to visit distillery plant of alcohol to B.Sc.III
Chemistry Students & Staff Members**

Respected Sir,

Under department activity, B.Sc. III students are doing their study regarding certificate course in alcohol technology and they are interested to visit your distillery plant of alcohol to know, how plant works smoothly so I request you to allow them to visit your plant.

Thanking You,

Your Faithfully,


(Dr. C. B. Salunkhe)
Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD



01c
संहती कार्यसाधिका । शिलं परं भूषणम्
Shetkari Shikshan Prasarak Mandal's
KRISHNA MAHAVIDYALAYA, RETHARE BK.
Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)
Email : kmr_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com
NAAC 'B+' Grade (CGPA 2.65)



Principal (I/C) : Dr. Salunkhe C. B., M.Sc., Ph. D.

Founder : Hon. Jaywantrao Bhosale

Ref. No. : KMR/SR/635/2018-19

Date : 31/01/2019

To,

Mr. Pratapsinh Nalawade,
Distillery Manager,
Y.M.K.S.S.K. Ltd. Rethare Bk.

Subject: - Invitation as a Resource person and chief guest.

Respected Sir,

Chemistry department of our college is organizing 'Certificate course in Alcohol Technology' for B.Sc. Chemistry - (Part III) students.

I would like to invite you as a resource person and chief guest for the same on 4th Feb. 2019 at 08:00 a.m. in our college. I am requesting herewith to accept the invitation and deliver a guest lecture to the student.

Best regards.

Thanking you.

Received
31/1/19

Yours Faithfully,

(Dr. C. B. Salunkhe)

Krishna Mahavidyalaya, Rethare BK.

FORMAT OF CERTIFICATE COURSE

Sr. No.	Certificate course	
1.	Name of the Department	Chemistry
2.	Title of course	Certificate course in Alcohol Technology
3.	Duration (No of Days)	8 days
4.	Contact Hours	20 Hours
5.	Level (UG/PG/diploma/Certificate)	Certificate
6.	Number of students	60
7.	Time Table	4 feb.2019 to 12 feb. 2019(Tentative)
8.	Pattern (Theory/Practical)	Theory, Practical & Visit to Distillery unit of alcohol
9.	Syllabus	Introduction to Alcohol Industry, Basic definitions related to Distillery Industry, Manufacture of Ethyl Alcohol from molasses, Basic principles used in the Manufacture of Ethyl alcohol, Purity of alcohol & it's physical constants, Application of alcohol to various chemical industries, Use of power alcohol as fuel, Experiments.
10.	Fee structure	200/-
11.	Resource person (if any)	Yes
12.	Analysis	Theory & Practical Examination




Head

Department of Chemistry

HEAD
The Department of Chemistry
KRISHNA MAHAVIDYALAYA
SHIVNAGAR (RETHARE BK)



संहती कार्यसाधिका । शिलं परं भूषणम्

Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK.

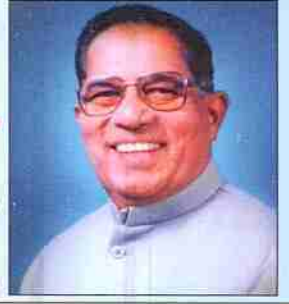
Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.)

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NAAC 'B+' Grade (CGPA 2.65)

Principal (I/C) : **Dr. Salunkhe C. B.**, M.Sc., Ph. D.

Founder : **Hon. Jaywantrao Bhosale**



Ref. No. : KMR/SR/631/2018-19

Date : 31/01/2019

To,

Managing Director,
Yashwantrao Mohite K. S. S. K. Ltd.
Rethare Bk.


**Sub. : -Permission to visit distillery plant of alcohol to B.Sc.III
Chemistry Student& Staff Members**

Respected Sir,

— Under department activity, B.Sc. III students are doing their study regarding certificate course in alcohol technology and they are interested to visit your distillery plant of alcohol to know, how plant works smoothly so I request you to allow them to visit your plant.

Thanking You,

Your Faithfully,


(Dr. C. B. Salunkhe)
Dr. C. B. Salunkhe
PRINCIPAL
KRISHNA MAHAVIDYALAYA
RETHARE (BK.), TAL. KARAD

50/1208 Aem I / Aem II




Krishna Mahavidyalaya Rethare Bk.

Department of Chemistry Year - 2018-19 Date :- 09/02/2019

List of students and staff visiting sugar industry and distillery unit of Alcohol

Sr. No.	Student Name	Certificate Received	Signature
1	Bargir Arjuman Hafij ✓	Received	Bargir
2	Chavan Maheshwari Ananda ✓	Received	Chavan
3	Chavan Nikhil Shankar ✓	Received	Chavan
4	Chavan Patil Sanyogeeta Krishnat ✓	Received	Chavan
5	Chavan Rushikesh Krushna ✓	Received	Chavan
6	Deshmukh Amit Hanmant ✓	Received	Deshmukh
7	Deshmukh Mohini Sanjay ✓	Received	Deshmukh
8	Dhole Ashwini Jaysing ✓	Received	Dhole
9	Desai Raviraj Pradip ✓	Received	Desai
10	Gavade Prakash Gangaram ✓	Received	Gavade
11	Ghodake Rajashri Gorakhanath ✓	Received	Ghodake
12	Ghodake Swapnil Arun ✓	Received	Ghodake
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14	Jadhav Shivani Sanjay ✓	Received	Jadhav
15	Jadhav Siddhanath Babaso ✓	Received	Jadhav
16	Jagtap Aishwarya Dnyaneshwar ✓	Received	Jagtap
17	Jagtap Digvijay Dilip ✓	Received	Jagtap
18	Kadam Dhiraj Arun ✓	Received	Kadam
19	Kadam Prithviraj Anil ✓	Received	Kadam
20	Kakde Shridhar Pandurang ✓	Received	Kakde
21	Kamate Santosh Basappa ✓	Received	Kamate
22	Kamble Shambhuraje Dilip ✓	Received	Kamble
23	Karande Priti Jaykar ✓	Received	Karande
24	Karmalkar Suchita Manohar ✓	Received	Karmalkar
25	Mandake Kishor Gorakh ✓	Received	Mandake
26	Mane Rutuja Rajaram ✓	Received	Mane
27	Mane Sanket Dipak ✓	Received	Mane
28	Mane Sanket Shashikant ✓	Received	Mane
29	Mohite Harshavardhan Mahadev ✓	Received	Mohite
30	Mohite Vishal Dadaso ✓	Received	Mohite
31	Mohite Vivek Vishwnath ✓	Received	Mohite
32	Mulla Sahil Salim ✓	Received	Mulla
33	Mulla Shainaj Amin ✓	Received	Mulla
34	Nikam Pooja Jaysing ✓	Received	Nikam
35	Nimbalkar Ganesh Jayavant ✓	Received	Nimbalkar
36	Pati Sourabh Prataprao ✓	Received	Pati
37	Patil Priyanka Dattatraya ✓	Received	Patil
38	Patil Rohit Arun ✓	Received	Patil
39	Patil Rohit Subhash ✓	Received	Patil
40	Patil Snehal Prahlad ✓	Received	Patil

रासायनिक क्षेत्रात अल्कोहोलला प्राधान्य : नलवडे

रेठे बुद्रूक : प्रतिनिधी

कौणल्याही वस्तूंची निर्मिती करत असताना त्याला पुरक घटकांची आवश्यकता असते. आपल्या देशात प्राक्रियेद्वारे अनेक प्रकारचे वस्तू निर्माण होत आहेत. त्यात अल्कोहोल सारख्या द्रव्यरूप वस्तूंचा मोठ्या प्रमाणात वापर होत आहे. सौंदर्यप्रसाधने, त्याचप्रमाणे विविध वस्तूंचे उत्पादन करण्यासाठी अल्कोहोल हा महत्त्वपूर्ण घटक बनला आहे. या तंत्रज्ञानाविषयी माहिती घेतल्यास विद्यार्थ्यांसाठी फायद्याचे ठरेल. यामुळे भविष्यात रसायनिक क्षेत्रात आमूलाग्र बदल घडेल, असा विश्वास कृष्णा कारखाना डिस्टिलरी विभागाचे असिस्टंट जनरल मॅनेजर पी. डी. नलवडे यांनी व्यक्त केला.

रेठे बुद्रूक (ता. कराड) येथील



रेठे बुद्रूक : कृष्णा महाविद्यालयात बोलताना पी. डी. नलवडे, डॉ. सी. बी. साळुंखे, प्रा. सी. वाय. चव्हाण.

कृष्णा महाविद्यालयात अल्कोहोल टेक्नॉलॉजी संदर्भात आयोजित सर्टिफिकेट कोर्स इन अल्कोहोल टेक्नॉलॉजीच्या उद्घाटनप्रसंगी ते

बोलत होते. प्राचार्य डॉ. सी. बी. साळुंखे, रसायनशास्त्र विभाग प्रमुख प्रा. सी. वाय. चव्हाण, प्रा. व्ही. एल. कांबळे यांची प्रमुख उपस्थिती होती.

पी. डी. नलवडे म्हणाले, आज अल्कोहोल महटलं की आपल्या मनात वेगळा विचार येतो. परंतु अल्कोहोलचा मोठा वापर व फायदा इतरत्र होत आहे. याकडे दुर्लक्ष करून चालणार नाही. आज पेट्रोलमध्ये अल्कोहोलचा वापर थोड्या प्रमाणात होत आहे. ते प्रमाण वाढल्यास इंधन म्हणून मोठा पर्याय पुढे येईल. शिवाय देशाच्या अर्थव्यवस्थेवरही त्याचा सकारात्मक परिणाम दिसून येईल, लोकांचे पैसे वाचतील, रोजगार, उद्योग वाढेल, परदेशात जाणारे चलन थांबेल अशा अनेक प्रकारचा फायदा अल्कोहोलचा करून घेता येईल. तसेच सौंदर्य प्रसाधन बनविण्यासाठीही याचा वापर होत आहे. भविष्यात इंधनासाठी अल्कोहोलचा मोठ्या प्रमाणात वापर

वाढण्यासाठी उपाय योजना आखणे गरजेचे आहे.

यावेळी प्राचार्य डॉ. सी. बी. साळुंखे यांनी महाविद्यालयाने राबविलेल्या विविध उपक्रमांचा विद्यार्थ्यांनी फायदा घ्यावा असे सांगून सर्टिफिकेट कोर्सविषयी माहिती दिली.

प्रा. सी. वाय. चव्हाण यांनी प्रास्ताविकात महाविद्यालयात आठ दिवस चालणाऱ्या सर्टिफिकेट कोर्स इन अल्कोहोल टेक्नॉलॉजी या उपक्रमांविषयी तसेच रसायनशास्त्राचे महत्त्व याविषयी सविस्तर माहिती दिली. सुत्रसंचालन कु. एस. के. चव्हाण-पाटील हिने केले. आभार कु. एस. ए. मुल्ला यांनी मानले. यावेळी प्राध्यापक, प्रशासकीय सेवक व विद्यार्थ्यांच्या उपस्थिती होती.

Krishna Mahavidyalaya, Rethare Bk

IQAC 2018-2019

ACTIVITY REPORT

Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- National Science Day			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
28/02/2019	Science	Chemistry	Mr. Attar S. R.
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
11:00am to 5:30pm	KMR	56	Indoor
SUPPORT/ASSISTANCE:			




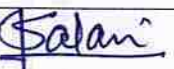
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	National Science Day
OBJECTIVES	To provide platform to student to prove their creativity.
METHODOLOGY	Poster presentation and Demostration.
OUTCOMES	Spread a message about importance of Science used in the daily life.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	<input checked="" type="checkbox"/> 2. Student list of	<input checked="" type="checkbox"/> 3. Activity report	<input checked="" type="checkbox"/> 4. Photos	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	VICE PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 S.R. Attar	 (Mr. C.Y. Chavan) Principal The Department of Chemistry KRISHNA MAHAVIDYALAYA SHIVNAGAR, RETHARE BK	 Principal	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk; Shivnagar - 415108 Tal. Karad, Dist. Satara

Science Day (2018-19)

“Science of Today is the technology of Tomorrow” National Science day was celebrated by Krishna Mahavidyalaya, Rethare BK. College. On 28 Feb. 2019. This day is celebrated to remember the great invention by the Indian physicist C. V. Raman who discovered Ramans effect.

Students of Krishna Mahavidyalaya, Rethare BK. held a special assembly to mark this occasion. The day began with various experiments presented by students. Our former principal Dr. B. B. Jamale inograted Science day festival and visited to projects prepared by our students. Students of our college from B.Sc. I to B.Sc. III participated in innovative projects and in poster presentation .

The objective of the program was the entire events provided platform to the students to prove their talents, bring out their creativity, face challenge and overcome their weakness. It was indeed a very knowledgeable day in which the main motive was to spread a message about the importance of Science used in the daily life of the people.

Our staff members shared thir knowledge to the students and Non teaching staff provided helps to our students for making of projects. The Science day was successful and we belived that our objective was achieved.

SRM
The Department of Chemistry
KRISHNA MAHAVIDYALAYA
SRIYNAGAR (RETHARE BK.)

Krishna Mahavidyalaya, Rethare Bk.

Department of Chemistry

Notice

Date: 25/02/2019

All the students of B.Sc. are informed that National Science Day celebration program is organized on 28/02/2019 at 11.00 am. Interested students may participate in the event.

Venue: Department of Chemistry



HEAD
Department of Chemistry
KRISHNA MAHAVIDYALAYA
MIVNAGAR (RETHARE BK)

Sr. No.	Name	Rollno.	Sign
1	Pawar Akash Arjun	3067	A.A. Pawar
2	Tambade Kishor Gorakh	3052	Tambade
3)	Tambade Shahrudh Rafik.	3080.	Tambade
4)	Sauvase Sunker Vilas	3073	Sauvase
5)	Pawar Suraj Hanmant	3070	Pawar
6)	Jawant Amar Ashok	3074	Jawant
7)	Sawant Sourabh Ramesh	3075	Sawant
8)	Shinde Avinash Sudarshan	3076	Shinde
9)	Mane Sanket Shastikant	3055	Mane
10)	Yadav Vaibhav Sambhaji	3083	Yadav
11)	Pawar Sangeam Namdev	3068	Pawar
12)	Patil Rohit Subhash	3065	Patil
13)	Pawar Pruthviraj Papat	3069	Pawar
14)	Mulla Sahil Salim	3059	Mulla
15)	Peshmalkh Amit Hanmant	3028	Peshmalkh
16)	Mohite Vivek Vishwanath	3058	Mohite
17)	Chavan Nikhil Shankar	3030	Chavan
18)	Kadam Prithviraj Anil	3044	Kadam
19)	Ghodake Swapnil Arun	3037	Ghodake
20)	Suryawanshi Umesh Sayaji	3079	Suryawanshi
21)	Kamble Shambhuraaje Dilip	3047	Kamble
22)	Mane Sanket Dipak	3054	Mane
23)	Nimbalkar Gunesh Jeevanant	3062	Nimbalkar
24)	Mohite Harshavardhan Mahadev	3051	Mohite
25)	Patil Rohit Arun	3064	Patil
26)	Mohite Vishal Dadaso	3057	Mohite
27)	Jadhav Siddhanath Babaso	3040	Jadhav
28)	Rayate Amol Bajirao	3072	Rayate
29)	Govade Prakash Gangaram	3035	Govade
30)	Jagtap Digvijay Dilip	3042	Jagtap
31)	Desai Raviraj Pradip	3029	Desai
32)	Kamate Santosh Basappa	3046	Kamate
33)	Patil Sourabh Prataprao	3084	Patil
34)	Kalkade Sheidhar Pardeep	3045	Kalkade
35)	Somade Shivam Satish	3078	Somade
36)	Pawar Shubham Dilip	3085	Pawar
37)	Chavan Rushikesh Krushna	3031	Chavan
38)	Chavan Maheshwari Ananda	3026	Chavan
39)	Chavan - (Patil) Sanyogeeeta Krishna	3027	Chavan
40)	Karmalkar Suchita Manohar	3049	Karmalkar







IQAC 2018-2019

ACTIVITY REPORT

Chemistry DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY:- Seminar			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
04/03/2019 To 09/03/2019	Science	Chemistry	Miss R.P. Patil
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
01:00 pm To 02:00 pm	KMR	61	Indoor
SUPPORT/ASSISTANCE:			

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. -):

TOPIC/SUBJECT OF THE ACTIVITY	Seminar
OBJECTIVES	Gaining a better insight in to the subject and to develop presentation skill.
METHODOLOGY	Lecture
OUTCOMES	Students gain a clearer understanding of the selected topic.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	✓ 2. Student list of	3. Activity report	✓ 4. Photos	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	VICE PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 Miss R.P. Patil	 Dr. C.Y. Chavan HEAD The Department of Chemistry KRISHNA MAHAVIDYALAYA SHIVNAGAR, RETHARE Bk Tal. Karad : 415 108 (M.S)	 Principal	 IQAC, Coordinator, KRISHNA MAHAVIDYALAYA, Rethare Bk, Shivnagar - 415108 Tal. Karad, Dist. Satara

Krishna Mahavidyalaya, Rethare Bk.

Department of Chemistry

Notice

Date: 01/03/2019

All the students of B.Sc. III Chemistry are hereby informed that Department of Chemistry is going to organized Seminar from 04/03/2019 to 09/03/2019 at 1.00 to 2.00 pm. All students should attend the seminar activity.

Venue: B.Sc. III classroom.



HEAD
The Department of Chemistry
KRISHNA MAHAVIDYALAYA
SHIVNAGAR (RETHARE BK)

Department of Chemistry

Seminar 2018-19

Time:- 01:00 pm To 02:00 pm

Sr. No.	Roll No.	Name of Student	Seminar Topic
1.	3024	Bargir A. H.	Quinhydrone Electrode
2	3026	Chavan M. A.	L. D. Process
3	3027	Patil S. K.	Nuclear Fission Reactions
4	3028	Deshmukha A. H.	Lambert Beer's law
5	3029	Desai R. P.	Beer's law
6	3030	Chavan N. S.	SN ¹ and SN ² Reactions
7	3031	Chavan R. K.	SN ¹ Reactions
8	3032	Deshmukh M. S.	Bessemer Process
9	3033	Dhole A. J.	Bessemer Process
10	3034	Garud A. R.	Types of Steel
11	3035	Gavade P. G.	SN ¹ Reactions
12	3036	Ghodake R. G.	Heat treatment on steel
13	3037	Ghodake S. A.	Heat treatment on steel
14	3038	Jadhav A. M.	Types of Chromatography
15	3039	Jadhav S. S.	Types of Nuclear Reactions
16	3040	Jadhav S. B.	Flame Photometry
17	3041	Jagtap A. D.	Thermodynamic Stability
18	3042	Jagtap D. D.	Flame Photometry
19	3043	Kadam D. A.	Glass Electrode
20	3044	Kadam P. A.	SN ¹ Reactions
21	3045	Kakade S. P.	SN ¹ Reactions
22	3046	Kamate S. B.	Dissociative Mechanism
23	3047	Kamble S. D.	Application of Adsorption
24	3048	Karande P. J.	Neutralization Curves
25	3049	Karmalkar S. M.	Neutralization Curves
26	3050	Mahadik K. S.	Bragg's Equation
27	3051	Mali L. A.	Thermodynamic
28	3052	Mandake K. G.	Nuclear Fusion Reaction
29	3053	Mane R. R.	Name Reaction
30	3054	Mane S. D.	Fugacity and Activity Concepts
31	3055	Mane S. S.	Name Reaction

32	3056	Mohite H. M.	Nuclear Reactions
33	3057	Mohite V. D.	Neutralization Curves
34	3058	Mohite V. V.	Bragg's law
35	3059	Mulla S. S.	Thermodynamic Stability
36	3060	Mulla S. A.	Formation of metal acetylides
37	3061	Nikam P. J.	Oppenaur Oxidation Reaction
38	3062	Nimbalkar G. J.	Fugacity and Activity Concepts
39	3063	Patil P. D.	Bessemer Process
40	3064	Patil R. A.	Types of Indicators
41	3065	Patil R. S.	Bessemer Process
42	3066	Patil S. P.	Theory of Titrimetric Analysis
43	3067	Pawar A. A.	Glass Electrode
44	3068	Pawar S. N.	Favorski Rearrangement
45	3069	Pawar P. P.	Precipitation Titration
46	3070	Pawar S. H.	Bragg's law
47	3071	Phalle P. B.	Spectrophotometer method
48	3072	Rayate A. B.	Lambert Beer's law
49	3073	Suvvase S. V.	Neutralization Curves
50	3074	Sawant A. A.	Radioactive Equilibrium
51	3075	Sawant S. R.	Lambert Beer's law
52	3076	Shinde A. S.	Electrophotometer Method
53	3077	Somade R. S.	Trans Effect
54	3078	Somade S. S.	Glass Electrode
55	3079	Suryawanshi U. S.	Glass Electrode
56	3080	Tamboli S. R.	Neutralization Curves
57	3081	Thorat A. B.	Spectrophotometer method
58	3082	Waghmare A.C.	Precipitation Titration
59	3083	Yadav V. S.	Electronic Configuration of Actinides
60	3084	Patil S. P.	SN ¹ Reactions
61	3085	Pawar S. D.	Thermodynamic Stability

Name : Baegie Aeajuman Haphij

Std. : B.Sc. III

Sub. : Chemistry

Roll No : 3024

Quinhydrone Electrode

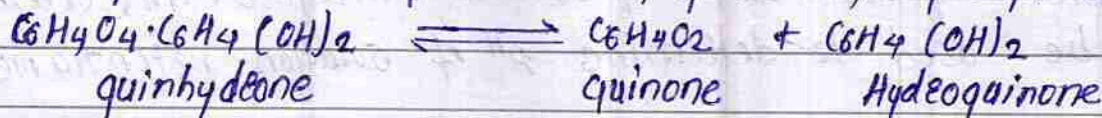
The quinhydrone Electrode:-

Construction:

A bright pt. or inert metal, is immersed in a solution containing quinhydrone as shown in fig.

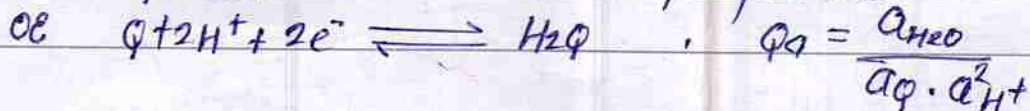
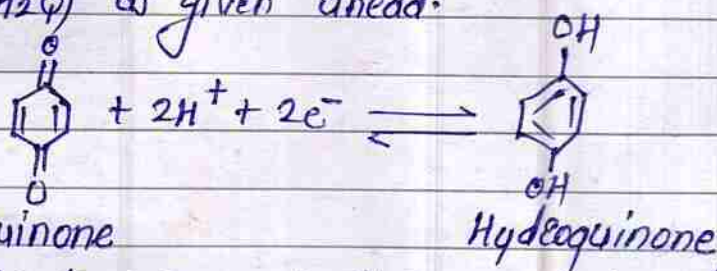
A function of Pt is to make an electrical contact. The electrode can be represented as, solⁿ of unknown pH / Q, H₂Q | Pt where, Q = quinone, H₂Q = Hydroquinone

Instead of taking quinone & hydroquinone, a small amount of quinhydrone which is an equimolecular compound of quinone & hydroquinone is generally used. In aqueous solⁿ quinhydrone breaks into equimolecular quantities of quinone & hydroquinone as,



Working:

It involves the redox reaction betⁿ quinone (Q) & hydroquinone (H₂Q) as given ahead.



According to eqⁿ, the potential of quinhydrone (QH) electrode can be expressed as,

$$E_{QH} = E_Q^{\circ} - \frac{2.303RT}{2F} \log \frac{a_{H_2Q}}{a_Q \cdot a_{H^+}} \quad \text{--- ①}$$

Quinhydrone being equimolar comp. of quinone & hydro-quinone
 $a_Q = a_{H_2Q}$. Hence $\frac{a_{H_2Q}}{a_Q} = 1$

The eqⁿ can be written as,

$$E_{QH} = E_{QH}^{\circ} - \frac{2.303RT}{2F} \log \frac{1}{a_{H^+}} \quad \text{--- ②}$$

$$E_{QH} = E_{QH}^{\circ} + \frac{2.303RT}{2F} \log a_{H^+}$$

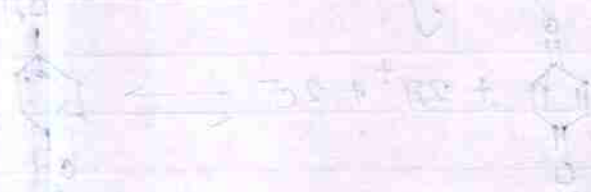
$$E_{QH} = E_{QH}^{\circ} + \frac{2.303RT}{F} \log a_{H^+}$$

since, $E_{QH}^{\circ} = 0.6998 \text{ V}$ & $pH = -\log a_{H^+}$

$$E_{QH} = 0.6998 - \frac{2.303RT}{F} pH$$

& at 298K $E_{QH} = 0.6998 - 0.0591 pH$

Thus, it can be seen that potential of quinhydrone electrode depends on pH of solution. Therefore, this electrode can be used to determine pH of solution potentiometrically.



KRISHNA MAHAVIDYALAYA, RETHARE BK.

DEPARTMENT OF CHEMISTRY

Name: - Jadhav Ankita Madhukar

Std - B.Sc-III

Roll No. - 3038

Paper No. - XVI: - Analytical chemistry

Topic: - Chromatography

* Types of chromatography -

The separation of the components in chromatography involves some kind of differential interaction between solute with stationary phase. Depending on the nature of forces operating between them the separation mechanism is based. It may be due to differential affinity, solubility or partition or molecular size, shape or charge mass ratio or a combination of these etc. Accordingly we have different types of chromatography -

i) Adsorption chromatography: The separation is due to differential affinity for stationary phase compared to the mobile phase. This mechanism works when stationary phase is a solid & mobile phase is liquid.

ii) Partition chromatography: The separation occurs due to relative differences in the dissolution & partition between different phases / layers. Here stationary phase is a liquid supported on some support & mobile phase is either liquid or gas.

iii) Ion exchange chromatography: The separation of the components is achieved by exchange of ions. The stationary phase has replaceable ions of definite charge. When sample molecules having similar charge passes through it they get exchanged & struck to the stationary phase. These bound molecules are removed by letting another mobile phase having

charge similar to stationary phase.

iv) Size exclusion chromatography:- The molecules differing in their size when made to pass through a porous stationary phase they move with different speed. The smaller molecules penetrate the pore & get struck temporarily. The bigger size molecules that fail to penetrate the pores travel a short path & pass out the column quickly. To assist the molecular movement the mobile phase is to be continuously passed through the stationary phase. This is also called as molecular sieving.

v) Affinity chromatography:- The components of mixture are separated by exploiting ~~exp~~ extremely specific biological interaction to give absolute purification. The stationary phase is an insoluble solid matrix that carries a selected covalently bound ligand capable of binding reversibly to a specific component. When the mobile phase moves over the stationary phase the ligand picks up & holds back the uniquely compatible component & the rest are left to move forward. It is recovered by eluting the column with a chosen mobile phase. The component thus separated is absolutely pure.

2018-19

