

Departmental Activities

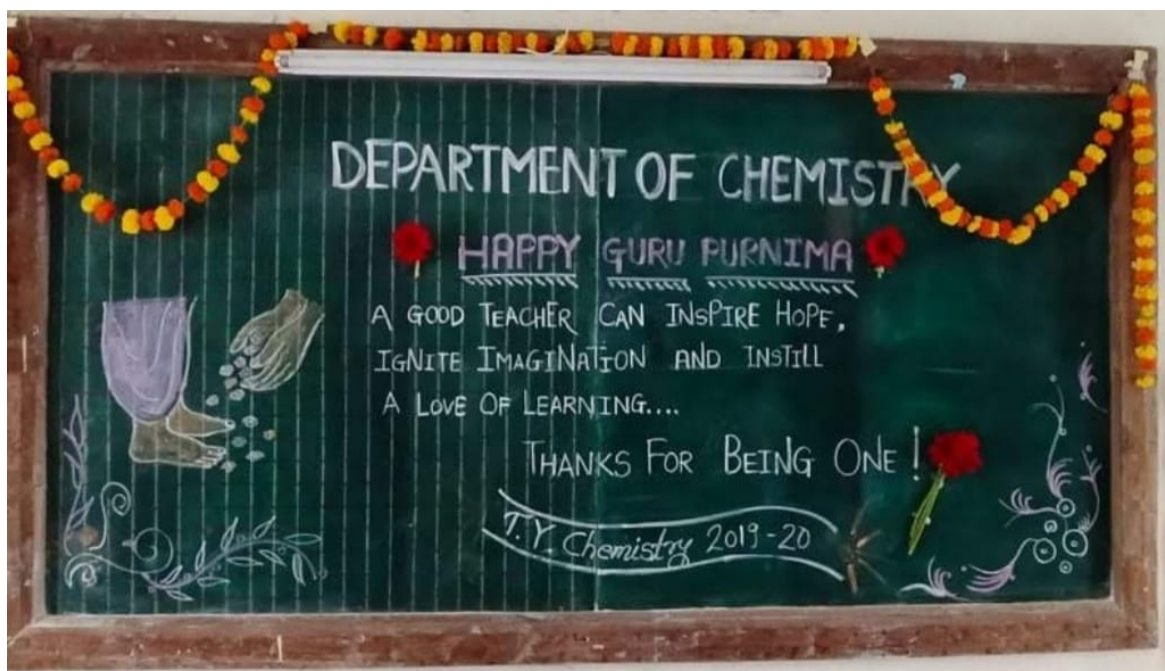
- INAUGURATION OF M.Sc. ANALYTICAL CHEMISTRY (09/08/2016)



- PLANTATION



- GURUPORNIMA



- CHEM CLUB 13 th Feb 2019



SCHOOL STUDENT GUIDANCE FOR HOMI BHABHA 'BAL-VAIGYANIK'



ADDRESS TO PARENT MEET



Cleanliness drive by Chemistry Department:



INDUSTRIAL VISIT : B.Sc. AND M.Sc.



CHEM CLUB – 4TH FEB 2020 – POSTER COMPETITIONS



- INAUGURATION OF COMPETITIONS



Revised syllabus BSc II Workshop (29/08/2019)



अहवाल

राजाराम महाविद्यालयातील रसायनशास्त्र विभाग व शिवाजी विद्यापीठ कोल्हापूर यांच्या संयुक्त विद्यमाने दिनांक २९ ऑगस्ट २०१९ रोजी “Revised syllabus BSc II Workshop” द्वितीय वर्ष विज्ञान पुनर्गठित अभ्यासक्रम विषय सेंद्रिय रसायनशास्त्र याबाबत १ दिवसीय कार्यशाळेचे आयोजन यशवंतराव चव्हाण नाट्यगृह, राजाराम महाविद्यालय कोल्हापूर येथे करण्यात आले होते. सदर कार्यशाळेसाठी online registration पद्धत वापरण्यात आली होती. त्यास चांगला प्रतिसाद मिळाला व एकूण ७५ नोंदणी त्याअंतर्गत करण्यात आली. कार्यशाळेदिवशी सकाळी १० ते ११ या वेळेत कार्यशाळेची नोंदणी व चहा नाश्ता याची व्यवस्था करण्यात आली होती. कार्यशाळेचा उद्घाटन समारंभ सकाळी ११ ते ११.३० या वेळेत पार पडला.

कार्यक्रमाचे प्रमुख पाहुणे डॉ. जी. एस. गोकवी (अध्यक्ष रसायनशास्त्र अभ्यासमंडळ व विभागप्रमुख रसायनशास्त्र विभाग, शिवाजी विद्यापीठ, कोल्हापूर) हे होते त्यांनी उपस्थित सर्व प्राध्यापकांना अभ्यासक्रमातील आवश्यक बदल तसेच ते शिकवताना शिक्षकांनी करावयाची तयारी याबाबत मार्गदर्शन केले.

कार्यक्रमाच्या अध्यक्षस्थानी राजाराम महाविद्यालयाचे प्राचार्य डॉ. ए. एस. खेमनर होते. त्यांनी आपल्या अध्यक्षीय भाषणात कार्यशाळेची गरज व त्याचा विद्यार्थ्यांना शिकवताना होणारा अनुकूल परिणाम यावर आपले मत व्यक्त केले. डॉ. पी. डी. तळप यांनी सर्वांचे आभार मानले.

कार्यशाळेच्या प्रथम सत्रात प्रा. पी. पी. सुतार (विभागप्रमुख रसायनशास्त्र विभाग गोपाळकृष्ण गोखले कॉलेज, कोल्हापूर) हे यांनी Amines and Diazonium salts तसेच carbohydrates या बदल मार्गदर्शन केले. सदर सत्रासाठी डॉ. एस. व्ही. पोरे (सदस्य, रसायनशास्त्र अभ्यासमंडळ, उपसमिती) हे अध्यक्ष स्थानी होते.

द्वितीय सत्रामध्ये विषय तज्ञ म्हणून डॉ. एस. बी. पोरे यांनी carbonyl compounds-aldehydes & ketones या संदर्भात मार्गदर्शन केले.

दुपारच्या तिसऱ्या सत्रात प्राचार्य डॉ. बी. व्ही. ताम्हणकर यांनी carboxylic acids & their derivate याचा आढावा घेतला व उपस्थित शंकांचे निरसन केले.

चौथ्या आणि अखेरच्या सत्रात डॉ. ए. जे. बोडके यांनी stereochemistry व organic chemistry particals याबाबत उपस्थितांना मार्गदर्शन केले.

समारोप समारंभासाठी विलिंग्डन महाविद्यालय, सांगलीचे प्राचार्य डॉ. बी. व्ही. ताम्हणकर हे प्रमुख पाहुणे म्हणून उपस्थित होते. त्यांनी कार्यशाळेबद्दल मत व्यक्त करताना कार्यशाळेची गरज, अभ्यासक्रम पुनर्गठनाची गरज तसेच त्याची अंमलबजावणी करण्यासाठी लागणाऱ्या गोष्टीबाबत भाष्य केले अध्यक्षस्थानी रसायनशास्त्र विभागप्रमुख डॉ. के. के. पाटील होत्या. डॉ. एस. ए. सोनवणे यांनी आभार मानून कार्यशाळा संपन्न झालेचे जाहीर केले.

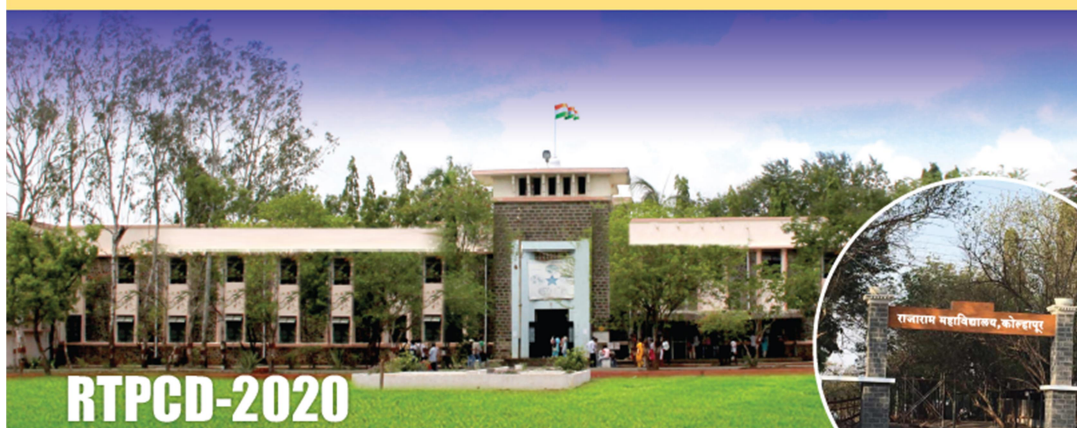


सत्यमेव जयते
GOVERNMENT OF MAHARASHTRA

RAJARAM COLLEGE, KOLHAPUR



QUALITY EDUCATION
FOR PERSONALITY
FOR NATIONALITY



RTPCD-2020

**National Conference on
'Recent Trends in Pharmaceutical Chemistry and Drug Delivery'**

Organized by Department of Chemistry & IQAC
25th June, 2020 at 11.30 a.m. to 5.00 p.m.

Chief Patron



Hon. Shri Udayji Samant
Minister
Higher and Technical Education
Government of Maharashtra

Chief Patron



Hon. Shri Prajakti Tanpure
State Minister
Higher and Technical Education
Government of Maharashtra

Chief Patron



Hon. Shri Saurabh Vijay (IAS)
Principal Secretary
Higher and Technical Education
Government of Maharashtra

Patron



Hon. Dr. Dhanraj Mane
Director
Higher Education
Government of Maharashtra

Patron



Hon. Dr. Annasaheb Khemnar
Principal
Government of Maharashtra's
Rajaram College, Kolhapur

Key Note Address

Dr. Shashikant Kadam
Director & CEO,
Badrish Synthlectual Pvt. Ltd.

Resource
Persons

Dr. Manoj Charati
Director, Complex Formulations
Dr. Reddy Laboratories

Shri Sunil Sawant
Plant Head
Flamingo Pharmaceuticals Ltd.

Organising Committee

Dr. K. K. Patil
Convener

Dr. A. J. Bodake
Co-Convener

Dr. A. S. Khomane
Co-ordinator

Dr. B. D. Bhosale
Organising Secretary

Dr. Y. C. Attar
IQAC, Co-ordinator

About College

Rajaram College, Kolhapur is a prestigious multi-faculty college owned and managed by Government of Maharashtra and affiliated to Shivaji University, Kolhapur. It holds a unique position in the academic landscape of Western Region of Maharashtra State for more than 138 years. Founded as it was way back in 1880, the college was naturally influenced by the pre-independence ethos. Right from its inception, it catered to the needs of the common students coming from all over the states and the rural background in the vicinity of Kolhapur. The college is named after the great Maharaja of the State, His Highness Rajaram Maharaj, who had a great zest for the spread of Education. Initially, Rajaram College was housed in the Building of the old Palace of the Maharaja in the heart of the City. It was later shifted in 1968 to the present building constructed on the vast expanse of 66 acres of the campus. This college has given many intelligent and famous dignitaries to India like Scientists, Writers, Historians, Educationists, IAS, IPS, IFS and Army officers. It was assessed and re-accredited with 'A' grade (CGPA 3.23) in 2016. Since then it has been developed in many ways keeping in view the Motto- 'Quality Education for Personality and Nationality'.

About Chemistry Department

The Chemistry department of the Rajaram College started in 1927. This is one of the largest science departments of the college. In its history of 93 years, it has grown considerably. The department conducts undergraduate and one postgraduate program. It is one of the oldest departments in the college with 10 faculty members and possesses an excellent academic reputation. The teaching faculty of the department is a strong mix of experience and youth, which make the teaching programs dynamic and contemporary. 07 faculty members are Ph.D. and 3 are pursuing their Ph.D.'s. The department has a recognized research centre for Ph.D. The department is located in an independent and large building which houses two big classrooms (CLR & CLH), three spacious laboratories and two well equipped research laboratories with instrumentation facilities like IR, UV etc. Laboratories are well equipped with the necessary equipments/ instruments/ infrastructure to perform experiments in Inorganic, Organic, Physical and Analytical Chemistry. All the research students are comfortably accommodated in the research laboratories. Research in the department is wide-ranging and interdisciplinary, and addresses key societal needs and college initiatives.

Themes and Subthemes:

1. Pharmacology
2. Drug discovery and development
3. Computational and System Biology
4. Chromatography
5. Nanomaterials
6. Phytochemistry
7. Environmental Chemistry
8. Biochemistry and Microbiology
9. Spectrochemical Analysis
10. Analytical Chemistry applications

Important dates:

Registration Starts : 14th June up to 23rd June 2020

Conference date : 25th June 2020

For Abstract submission : 23rd June 2020

Submit your abstract at rtpcd2020@gmail.com

Guideline for Submission of abstract:

Font 12, Times New Roman, Title Bold With Font 13 Times New Roman.

Mention mail of corresponding author (Not more than 300 words)

After Registration join the Telegram link

<https://t.me/joinchat/KgcMsBxV6aFZxuNZQLVA8A>

Mode of Conduct: Zoom Platform, YouTube live

Registration Link – <https://forms.gle/wiy7WKdTqQTEkMaM9>

Advisory Committee

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Head, Department of Chemistry, Shivaji University Kolhapur
Prof. P. S. Patil
Dean of faculty of science, Shivaji University, Kolhapur
Prof. K. M. Hosamani
Karnatak University, Dharwad
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Dr. L. D. Jadhav
Dr. L. P. Bhopale
Dr. A. P. Parale



Schedule of Conference

25th June 2020

Sr No.	Timing	Activity	Person
1	11:30 - 11:35	Welcome and introduction of key note speaker	Dr K.K.Patil
2	11:35 – 11:55	Key note address	Dr.Shashikant Kadam
3	11:55 – 12:00	Introduction of Dr. Manoj Charati	Dr.A.J. Bodake
4	12:00 - 1:00	Dr Manoj Charati's Lecture: Recent Trends in Drug Delivery	Dr Manoj Charati
5	1:00 – 1:25	Q/A	Shri S A Sonawane
6	1:25 – 1:30	Vote of Thanks	Dr.O.B.Pawar
7	3:00 – 3:05	Introduction of Shri Sunil Sawant	Dr. B.D. Bhosale
8	3:05 – 4:05	Shri Sunil Sawant's Lecture: Analytical Method Validation of Finished Drug Formulation	Shri Sunil Sawant
9	4:05 – 4:25	Q/A	Shri D.P.Marale
10	4:25 – 4:30	Vote of Thanks	Shri R.P.Surywanshi
11	4:30 – 4:50	Presidential Speech	Principal sir
12	4:50 – 4:55	Vote of thanks	Dr A.S.Khomane

The platform of this e conference is Zoom Meeting

Report of Conference RTPCD-2020

An online conference was conducted by Chemistry Department on the topic 'RECENT TRENDS IN PHARMACEUTICAL CHEMISTRY AND DRUG Delivery (RTPCD-2020)' Due to the situation of Covid-19 pandemic , all activities are online. All the resource persons invited were from pharma industries .

Principal Dr. A.S.Khemner was Chair person of this e-conference Dr.K.K.Patil, Convener told about the need of this conference. Dr Sashikant Kadam, Director & CEO, Badrish Synthlectual Pvt. Ltd. inaugurated the conference. The key note speaker of this conference addressed about the pharma industries and drug formulation., Dr. A.J.Bodake introduced the resource person Dr.Manoj Charati, Director,Complex Formulations from Dr. Reddy Laboratories. He gave talk on the topic '**Recent Trends in Drug Delivery**' in the first session. **In the second session Dr. B.D.Bhosale introduced the second resource person Shri Sunil Sawant, Plant Head Flamingo Pharmaceuticals Ltd. He Discussed about 'Analytical Method Validation of Finished Drug Formulation.'** Principal Dr.A.S.Khemnar in his presidential speech mentioned that pharmaceutical industries and research in drug development is need of society.It has various research dimensions . Dr. A.S.Khomane coordinator of conference gave vote of thanks.

In the third session posters were presented online by various participants . Dr. B.D.Bhosale, Dr.O.B.Pawar and Mr.S.A.Sonawane worked as judges for poster presentation session. Mr. A.P.Marale , Dr.O.B.Pawar supplied good technical assistance for this conference. The sovenier of this conference is published. Dr.B.D.Bhosale and Mr.S.A.Sonawane both worked as editor of the sovenier of this conference.

Online Guest Lecture : Instrumentation techniques in pharmaceutical industries

The image displays two screenshots of a Google Meet session, likely a guest lecture, showing the presentation content and the participant interface.

Top Screenshot:

- Presenter:** AJIT EKAL is presenting.
- Slide Content:** The slide is titled "INSTAVISION LABORATORY AND SERVICES" and features the IVLS logo. It shows a laboratory setting with a "CERTIFIED ISO 9001:2015 COMPANY" badge. The address "89, Raviwar Peth, Near Venutai BEd College, Satara" is listed at the bottom.
- Participants:** The participant list includes You, AJIT EKAL, Sachin Mali, Anita Bodake, vikram gayakwad, rohit gaikwad, Shivam Sapkale, pooja pilaniya, and manisha parvate.
- Time:** 12:25 PM.

Bottom Screenshot:

- Presenter:** rohit gaikwad is presenting.
- Slide Content:** The slide shows a close-up of a laboratory instrument, possibly a spectrophotometer or a similar analytical device.
- Participants:** The participant list includes You, AJIT EKAL, Sachin Mali, Anita Bodake, vikram gayakwad, Shivam Sapkale, pooja pilaniya, manisha parvate, and Niket Chougule.
- Time:** 12:19 PM.



GOVERNMENT OF MAHARASHTRA'S
RAJARAM COLLEGE, KOLHAPUR

(NAAC Reaccredited "A" Grade College with 3.23 CGPA)



DEPARTMENT OF CHEMISTRY

Organizes

CHEMISTRY STUDENTS CONFERENCE - 2021

In the honour of P. C. Ray : Father of Indian Chemical Science



RAYMISTRY
CHEM CLUB 2021

10th-12th June 2021

All students having Chemistry as one of the subject (at any level) are invited to participate in an open Competition with the following brain teasing topics

POSTER MAKING COMPETITION

THEME

1. Chemistry behind COVID-19 Vaccine
2. Green Chemistry
3. Lithium Batteries and It's applications
4. P. C. Ray : Father of Indian Chemical Science

RULES

1. Poster must be relevant to the theme
2. Poster size 18" X 24"
3. Upload your poster (jpg/pdf format) in given google form before 9th June 2021.

UPLOAD ON

<https://forms.gle/1VQP4G9vV9syEicJ9>

OR MAIL ON

obpawar@gmail.com

E-CHEM QUIZ

SUBJECT

General Chemistry and GK (25 Questions)

DATE & TIME

11th June 2021

TIME: 12:00 pm to 12:30 pm

CHEM QUIZ LINK

<https://forms.gle/3EqSQmziN3xT5BF18>

Link for quiz will be activate on

11th June 2021 (12:00 pm)



Join WhatsApp group.....

<https://chat.whatsapp.com/JlQwu4aE2sl7JH8KjC9Yf3>

For more details.....

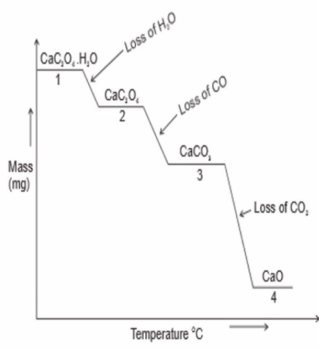
Dr. (Mrs.) K. K. Patil @ 9421290200

Dr. O. B. Pawar @ 9850600674

Lead College Activity :Instrumental techniques of Analysis 18/01/2022

Vishwajeet Khot:


Recording... **LIVE** on Custom Live Streaming Service



Calcium Oxalate Decomposition

- 1st Step $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O} (\text{s}) \rightarrow \text{CaC}_2\text{O}_4 (\text{s}) + \text{H}_2\text{O} (\text{g})$
Calcium Oxalate Monohydrate *Calcium Oxalate*
- 2nd Step $\text{CaC}_2\text{O}_4 (\text{s}) \rightarrow \text{CaCO}_3 (\text{s}) + \text{CO} (\text{g})$
Calcium Oxalate *Calcium Carbonate*
- 3rd Step $\text{CaCO}_3 (\text{s}) \rightarrow \text{CaO} (\text{s}) + \text{CO}_2 (\text{g})$
Calcium Carbonate *Calcium Oxide*

Activate Windows
Go to Settings to activate Windows.



Vishwajeet Khot

Rajaram College
Rajaram College

J
Jayavant Deshmukh

Avantika Sutar
Avantika Sutar

Rajaram College
Rajaram College


SURAJ SONAWANE

Zoom Meeting

Rajaram College Rajaram College Vishwajeet Khot Rutuja Sutar

Rajaram College Rajaram College Vishwajeet Khot Rutuja Sutar Pratiksha Yadav Trupti Chudmun...

Recording...



Pramod Mane

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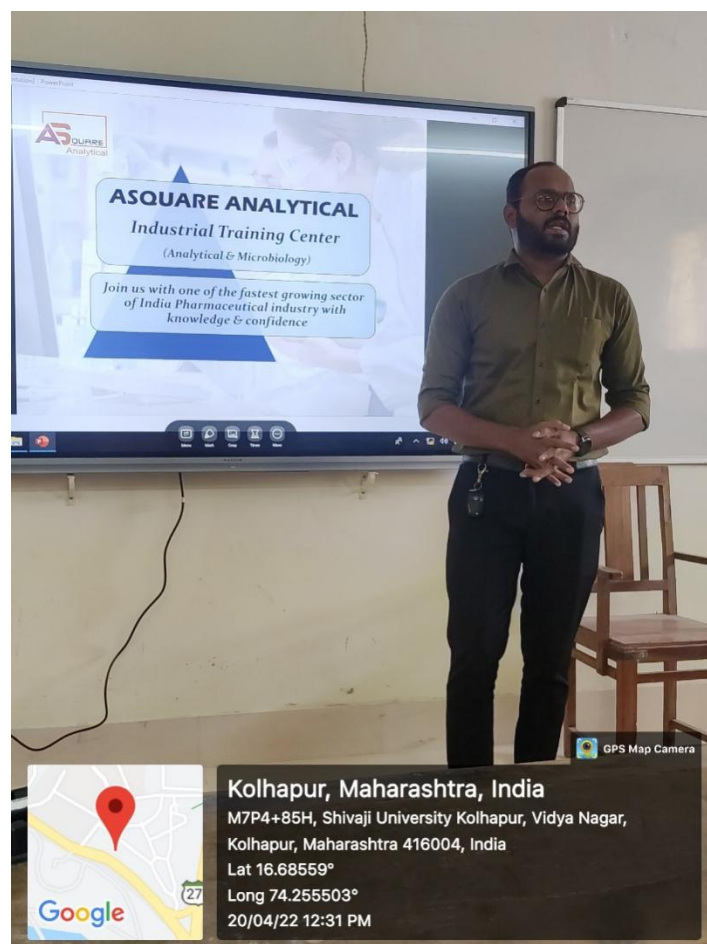
29°C 2:45 PM 1/18/2022

Guest Lecture: Dr.Pratik Gholkar

Nanomaterials :An emerging and interdisciplinary field for future



Director, Asquare Analytical, Industrial training center



Poster presentation Competition



Value added Course: Preparation of Household Chemicals



