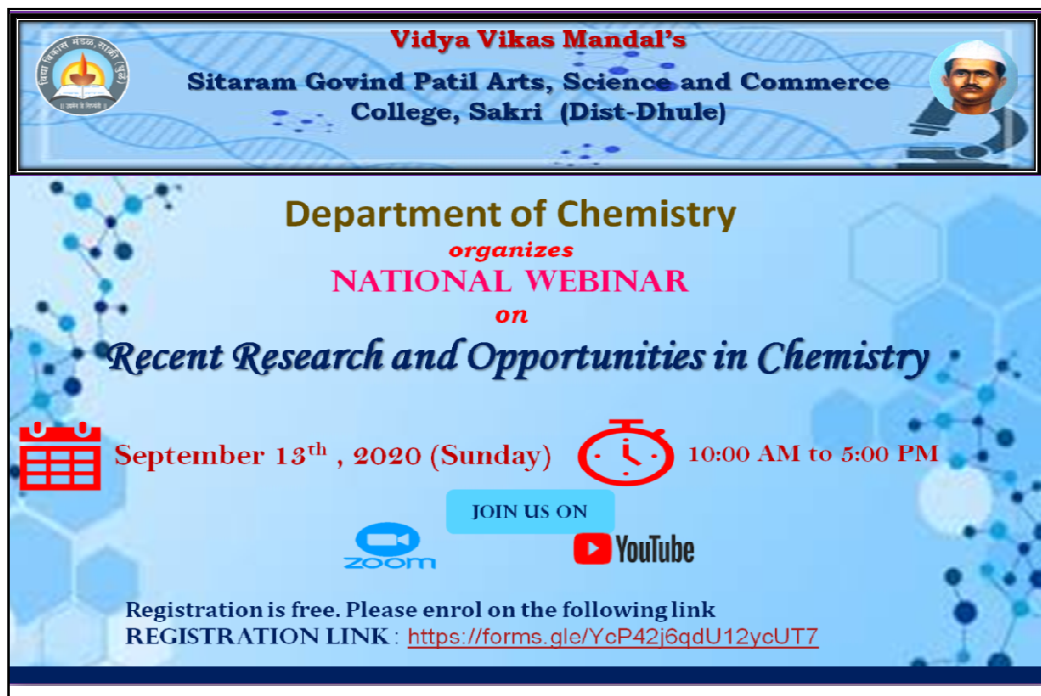


REPORT ON THE ONLINE WEBINAR

The Department of Chemistry has organized a National webinar on ***“Recent Research and Opportunities in Chemistry”*** on 13th September 2020 (Sunday) between 10:00 AM to 5:00 PM, through the ZOOM platform.



In this event has objective to:

- ❖ The greatest challenge to science and technology in the coming decades will be the search for sustainable sources of materials, energy food and water supplies for all humanity. Along sides another challenge is to motivate young researches towards upcoming problems.
- ❖ Also our aim to aware students about growing global research, Research findings and National international fellowships.

- ❖ Also to provide knowledge regarding National and International Competitive exam in chemistry subject
- ❖ In this context, here in we organized national webinar on “***Recent Research and Opportunities in Chemistry***” for the value addition to discuss different aspects by considering the challenges and opportunities associated with following current topics in Chemical Sciences.



Our Patron



Abasaheb Suresh Patil

**Hon'ble Secretary,
Vidya Vikas Mandal, Sakri**



Sau Mangalatai Suresh Patil

Hon'ble President



Prof. P. P. Patil

Hon'ble Vice-Chancellor

K.B.C., North Maharashtra University, Jalgaon



Prof. P. P. Mahulikar

Pro Vice-Chancellor

PATRONS

 **Abasaheb Suresh Patil**
Hon'ble Secretary,
Vidya Vikas Mandal, Sakri

 **Sau Mangalatai Suresh Patil**
Hon'ble President,
Vidya Vikas Mandal, Sakri

 **Prof. P. P. Patil**
Hon'ble Vice-Chancellor
K.B.C., North Maharashtra University, Jalgaon

 **Prof. P. P. Mahadikar**
Pro Vice-Chancellor
K.B.C., North Maharashtra University, Jalgaon

Speakers

 **Dr. S. S. Rajput**
Professor and BOS
Chairman, Chemistry
KBC, NMU, Jalgaon

 **Prof. Kishor M. Borse**
SSVPS Science College, Dhule

 **Dr. Dinesh Sawant**
Scientist, Organic Chemistry
Division CSIR-NCL Pune

 **Dr. R. D. Patil**
M. J. College, Jalgaon

ORGANIZING COMMITTEE

Dr. D. S. Chavan **Prof. Dr. Sanjay S. Sonawane** **Prof. S. D. Palkhe** **Dr. Anant B. Patil** **Prin. Dr. R. R. Ahire**
IQAC, Co-ordinator Senate Member (KBCNMU, Jalgaon) Head, Department of Chemistry Vice-Principal Principal

Mr. Dinesh S. Khairnar **Mr. Mukesh V. Valvi** **Mr. Surendrasing Magar** **Mr. Sandip L. Kadam**
Dr. Pritam Dadaji Torawane **Dr. Deepak Vasant Nagarale**
Organizing Secretary Convener
82750 7499 8275590979

This webinar were start at 11: 00 AM

❖ **Welcome to all delegates and participates done by Convener**



❖ **Departmental Preface given by**

Prof. S. D. Palkhe , Head, Department of Chemistry



The science faculty was established in the year June 1981 . The department of Chemistry is one of the most important department. First Chemistry as a special subject was started in the year 1985 . Until 1981 there was no other science college within the circumference of 60 km. of Sakri. Science faculty provided a gate way to the science for poor, rural and tribal students. To begin with at F.Y.B.Sc. 60 number of student offered Chemistry as one of the subject . At T.Y.B.Sc.Principle subject Chemistry was started in the year 1985. The dept. started with single Lecturer Shri M. S. Jain. At present there are 7 Lectures in the department: Mr. Sunil D. Palkhe HOD, Dr. Deepak V. Nagarale, Dr. Pritam D. Torawane Mr. Dinesh S. Khairnar Mr. Surendrasing T. Magar Mr. Sandip L. Kadam Mr. Mukesh V. Valvialso served in this dept. for some duration . The workload of the dept. is increased due to increased enrolment of the student. Principal of our college encouraged research . Shri V.G.Yewaleker, Shri K. M. Jawale, and Shri D.S.Patil completed M.Phil degree. Shri D.S.Patil was engaged in minor research project.

❖ **Note by Principal Dr. Rajendra R. Ahire**



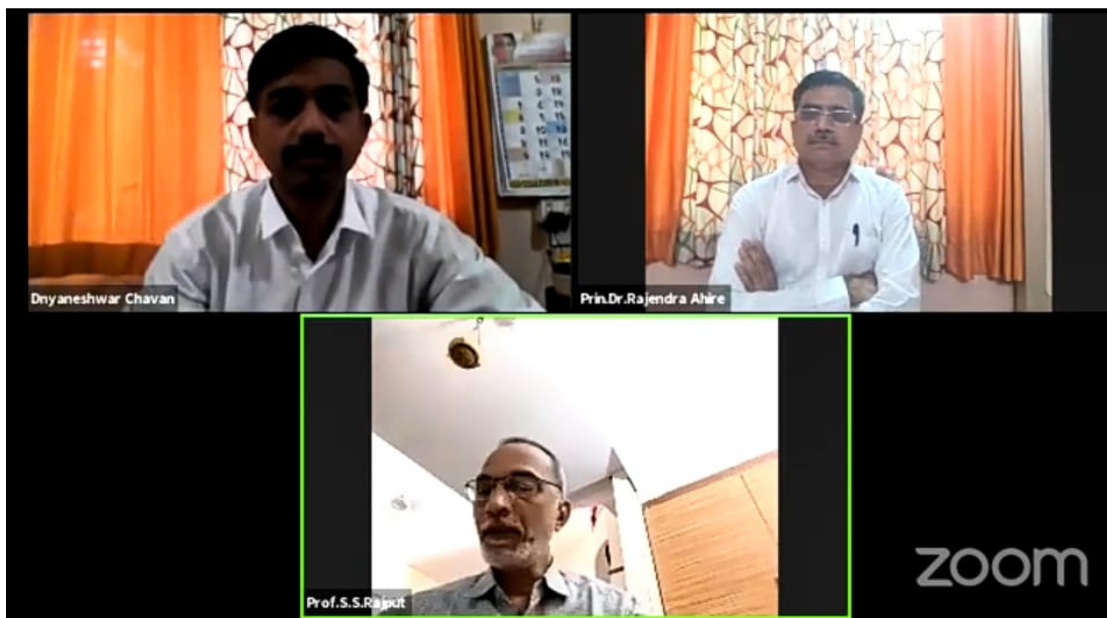
THE COLLEGE:-

With the inception of trust VIDYA VIKAS MANDAL TALUKA SAKRI, DIST. DHULE It established the Arts and Commerce College, Sakri with an aim to illiteracy ,to spread higher education and upliftment of the society in June 1971. In the decade of seventies there was not a single college in this area except Dhule .Even Dhule was the tribal district of Maharashtra and Sakri Taluka was the most moffusil and tribal part in the district. With the establishment of college ,as if a gate-way to higher education was opened to the tribal area . So this college is playing a vital role in developing proficiency , competency ,cultural, national and social values through curricular, co-curricular and extra-curricular activities since its establishment. The college was affiliated to PUNE University up to the inception of North Maharashtra University , Jalagaon . It was renamed as Sitaram Govind Patil Arts ,commerce and Science College ,Sakri in 1982 ,after the name of Late Shri Sitaram Govind Patil , the veteran truth seeker of Mahatma Phule, Chhatrapati Shahu and Dr. Ambedkers thought tradition . The science faculty was the newly established with the formerly Arts and Commerce faculties in 11-6-1981. The College has emerged as an esteemed and renowned educational institution in KBC, North Maharashtra University area.

❖ **Following is the programme schedule:**

Programme Schedule			
Time	Event /Topic	Speakers	Introduction
11: 00 am to 11:15 am Welcome to all Dignitaries	Note By Convener	Dr. D. V. Nagarale	
	Departmental Intro	Prof. S. D. Palkhe	
	Note by Principal	Dr. R. R. Ahire Principal	
11: 15 am to 11:40 am	Inauguration	Dr. S. S. Rajput Chairman, BOS KBC, NMU Jalgaon	Dr. D. V. Nagarale
11:45 am to 12 : 30 pm	Section –I Green Chemistry and Recent Research	Dr. R. D. Patil M. J. College, Jalgaon	Dr. P. D. Torawane
Lunch Break			
2:30 pm to 3:30 pm	Section-II Research Opportunities for Research students and New Chemistry faculties	Dr. Dinesh Sawant Scientist, NCL, Pune	Dr. D. V. Nagarale
3:30 pm to 4:30 pm	Section-III Job Opportunities in Chemistry	Prof. K. M. Borse S.S.V.P.S's P. R. Ghoghre Science College, Dhule	Mr. Dinesh Khairnar
4:30 to 5:00 pm	Valedictory		

❖ **This Webinar is Inaugurated by Dr. S. S. Rajput, Chairman, BOS in Chemistry, KBC, NMU Jalgaon**



- He explained about the importance of Chemistry in society
- He put his views on importance of organizing such type and subject oriented webinar which provides relevance information day today Research and other opportunities.

Section –I

- **This Webinar session I was conducted by Dr. R. D. Patil, M. J. College, Jalgaon, given presentation on topic entitled : “Green Chemistry and Recent Research”**



In his talk he explain how Green Chemistry use to design the chemical products and processes that reduce or eliminate the use and generation of hazardous substances. The green chemistry approach seeks to redesign the materials that make up the basis of our society and our economy including the materials that generate, store, and transport our energy in ways that are benign for humans and the environment and possess intrinsic sustainability. He also added that Green Chemistry has been tremendously successful in devising ways to reduce pollution through synthetic efficiency, catalysis, and improvements in solvent technology. Alternative synthetic methods have been applied to reduce energy consumption in the chemical industry, and bio-based feedstocks are decreasing our reliance on depleted fossil resources and also resent research going on the same issue.

Section –II

In this Webinar session II was conducted by Dr. Dinesh Sawant, Scientist, National Chemical Laboratory, Pune, given presentation on topic entitled : “Research Opportunities for Research Students and New Chemistry faculties ”



Research Opportunities for Research Students and New Chemistry Faculties

Dr. Dinesh Nanaji Sawant
Scientist
Organic Chemistry Division
CSIR-National Chemical Laboratory, Pune

"DAAD Germany Research Ambassador" for India 2018-2022,
DST INSPIRE Faculty Award India 2017,
DST SERB Young Scientist Award India 2015
International Publications: 25 (h-index 15, citations >600)

National Webinar on
Research and opportunities in Chemistry
S. G. Patil Arts, Science and Commerce College, Sakri, Dhule
13th September 2020

Email: dinesh1.sawant@gmail.com
Website: www.dineshsawant.weebly.com
Contact No: 07378402417

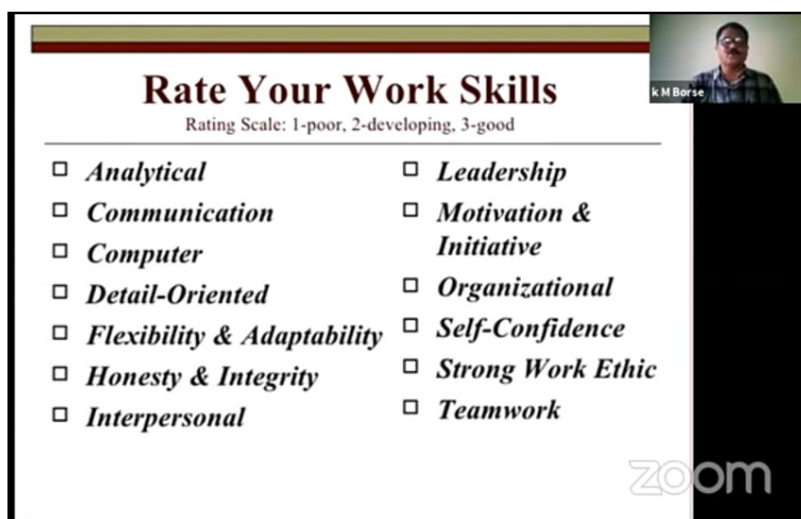
- He started his talk starting with introducing science and what is scantiest do to motivate students regarding this topic.
- He also explains many funding agencies and recent research.
- He also suggests that before starting research, We should identify research places around us.
- We also focus on different states and National institutes entrance exam and fellowship exams.
- New faculty member should also engage in writing research projects and make proposal for research grant.

Section –III

In this Webinar session III was conducted by Mr. Kishor M. Borse, Associate Professor, S.S.V.P.S's L. K. Dr. P. R. Ghogre Science College, Dhule given presentation on topic entitled : “Recent Research and Opportunities in Chemistry”



- He started his talk starting with Carrere available in chemistry
- He also explains how to present resume and how to face Interview



- He also suggests about job opportunities in Industry and Faculty

GOVERNMENT JOBS AFTER MSC CHEMISTRY

1. ASSISTANT PROFESSOR
2. LECTURER
3. BARC
4. PUBLIC SECTOR UNITS
5. CGPDTM
6. FSSAI
7. FCI
8. GSI
9. SPMCIL
10. IGCAR
11. ICFRE

zoom

- We also focus on NET and SET Examination and its pattern

Testing /Quality Control

Knowledge & Skill required for QC functions

- All kind of testing
- Qualitative analysis
- Quantitative analysis
- Physico-chemical properties
- Spectroscopy
- Chromatography
- Instrument methods of analysis

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Top Indian Pharmaceutical companies

1. Sun Pharma	9. Zydus Cadila
2. Dr. Reddy's Labs	10. NATCO
3. Cipla	11. Orchid
4. GSK	12. IPCA
5. Strides	13. Biocon
6. Lupin	14. Torrent
7. Aurabindo	15. Shasun
8. Wockhardt	16. Alambic etc

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Valedictory Function:

- ❖ This event was end part of this knowledge orientated webinar
- ❖ As president of Function Our principal of College Dr. R. R. Ahire has done presidential address.
- ❖ Total 60 students were online and 134 participates registered for this webinar



- ❖ Vote of thanks proposed by Organizing Secretary Dr. Pritam Torawane .



News from Sakal Daily News paper on 18th September 2020

Thank You