



"Dissemination of Education for Knowledge, Science and Culture."  
- Shikshanmaharshi Dr. Bapuji Salunkhe



SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S

# VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, 'E' Ward, Tarabai Park,  
Tal. Karveer, Dist. Kolhapur - 416 003.  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA - 3.24 in 3rd Cycle)  
College with Potential Excellence by U.G.C., New Delhi  
"Star College" by D.B.T. Govt. of India  
ISO 9001 : 2015

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Founder  
Dr. Bapuji Salunkhe  
D.Lit.

President  
Hon. Chandrakant Dada Patil  
Higher and Technical Education Minister, Maharashtra

Chairman  
Prin. Abhaykumar Salunkhe  
M.A.

Secretary  
Prin. Mrs. Shubhangi Gawade  
M.Sc., B.Ed.

Principal  
Dr. R. R. Kumbhar  
M.Sc., M.Phil., Ph.D.

## ONE PAGE REPORT

1. **Name of the Department:** Department of Chemistry
2. **Name of the Activity:** Participation in One Day Workshop on Material Characterization Techniques and Data Analysis
3. **Date and Duration:** Saturday, 28/09/2024, Duration 1 day
4. **Aims and Objectives**

**Aim:** The aim of the MoU is to establish a collaborative platform between institutions/organizations to enhance knowledge sharing, research capabilities, and skill development in the field of material characterization techniques and data analysis through joint academic and research activities.

- To strengthen academic and research collaboration in the area of material characterization.
- To organize joint workshops, seminars, and training programs for students, research scholars, and faculty.
- To promote exchange of expertise, facilities, and resources for effective learning and research.
- To provide hands-on experience to participants on advanced instrumental techniques and data analysis methods.
- To enhance interdisciplinary research by bringing together experts from academia and industry.
- To encourage joint research projects, publications, and consultancy in material science and related areas.
- To bridge the gap between theoretical knowledge and practical applications in characterization techniques.

## 5. Brief Description:

Department of Chemistry, Vivekanand College, Kolhapur (Empowered Autonomous) signing a Memorandum of Understanding (MoU) with Rajashi Chhatrapati Shahu College, Kolhapur. Through this agreement, both the colleges agree to share expertise, knowledge, and resources for the benefit of students, research scholars, and faculty members. The collaboration will enable the organization of joint workshops, training sessions, and seminars that provide hands-on exposure to modern instrumental techniques. Additionally, the MoU emphasizes promoting joint research projects, publications, and consultancy activities in the field of material science and related disciplines.

As a part of the MoU, a **One Day Workshop on Material Characterization Techniques and Data Analysis** was organized by the Department of Chemistry, Rajarshi Chhatrapati Shahu College, Kolhapur on Saturday, 28/09/2024. For this workshop 5 students and One teacher is participated from the Department of chemistry, Vivekanand College, Kolhapur.

The workshop aimed to provide students, research scholars, and faculty members with a comprehensive understanding of advanced instrumental methods used in material characterization along with effective approaches for scientific data analysis.

Each session was supplemented with discussions on case studies and practical aspects of data interpretation. The interactive nature of the sessions enabled participants to clarify doubts and enrich their practical knowledge.

Overall, the workshop proved to be highly informative and beneficial, equipping the participants with deeper insights into material characterization techniques and effective data analysis strategies. It also laid a strong foundation for future collaborations in research and capacity building.

## 6. Outcome:

- **Strengthened Academic Collaboration** – The MoU created a formal platform for cooperation between the institutions in the field of material science and data analysis.
- **Joint Programs**-Both institutions agreed to organize workshops, seminars, and training programs on advanced material characterization techniques.
- **Resource and Expertise Sharing** – The MoU enabled mutual sharing of laboratory facilities, instruments, and technical expertise for the benefit of students and researchers.
- **Research Opportunities** – It paved the way for joint research projects, collaborative




publications, and consultancy activities in material science and allied areas.

- Skill Development – Students and research scholars gained opportunities for hands-on training and exposure to modern characterization methods.
- Capacity Building-Enhanced competencies of faculty and researchers through exchange of knowledge and best practices.
- Long-term Association – The MoU laid the foundation for sustained academic and research partnerships beyond the workshop.



MS. Vijaya S. Rajmane  
Program Coordinator

  
Prof. Dr. S. D. Shirke  
**HEAD**  
DEPARTMENT OF CHEMISTRY  
VIVEKANAND COLLEGE, KOLHAPUR  
(EMPOWERED AUTONOMOUS)

	 Estd: 1968 Rayat Shikshan Samstha's <b>RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR</b> Kudamwadi Road, Kolhapur - 416 001, Maharashtra NAAC Reaccredited 'A++' (with CGPA 3.78)	
E-mail: <a href="mailto:rajshahucol@ymail.com">rajshahucol@ymail.com</a>	Website: <a href="http://www.rsccl.ac.in">www.rsccl.ac.in</a>	Phone No. 0211-2654658
Principal: <b>DR. L. D. KADAM</b> (M.Sc., Ph.D.)		Outward No: (2024-25 Date: 18/09/2024)

To,  
The Principal,  
Vivekanand College,  
Kolhapur.



Subject: - About the participation in a Lead College Workshop  
Reference: - NCK/1347/2024-2025 Dated 06 September, 2024.

Respected Sir,

We have a great pleasure that the Department of Chemistry is organizing a one day workshop on **Material Characterization Techniques and Data Analysis** under lead college scheme of Shivaji University, Kolhapur and The New College (Cluster), Kolhapur as a lead College on Saturday, 28/09/2024 during 10.00 a.m. to 4.00 p.m.

Kindly depute *One Faculty and Five Students* for the above mentioned workshop.

For more information:

Dr. S. P. Pawar - 7387041470

HOD - chem  
24/09/24  
Pr  
24.9.24



  
Principal,  
Rajarshi Chhatrapati Shahu College,  
Kolhapur

Letter of Invitation for Workshop



006 श्री स्वामी विवेकानंद शिक्षण संस्थेचे  
**विवेकानंद कॉलेज, कोल्हापूर** (अधिकारप्रदत्त स्वायत्त)

२१३०, ई. ताराबाई पार्क, कोल्हापूर, ता. करवीर, जि. कोल्हापूर - ४१६००३

शिवाजी विद्यापीठ, कोल्हापूर संलग्नित

नॉक मानांकन : "A" ( सी.जी.पी.ए. ३. २४)

कॉलेज उईथ पोटेन्शियल फॉर एक्सलन्स, यु.जी.सी., न्यु दिल्ली

स्टार कॉलेज - डी.बी.टी. - भारत सरकार

आय. एस ओ . १००१:२०१५



(अधिकारप्रदत्त स्टाफ  
कोल्हापूर)

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संस्थापक  
डॉ. बापूजी साळुंखे  
D.Lit.

अध्यक्ष  
मा. आमदार चंद्रकांत दादा पाटील  
MLA

कार्याध्यक्ष  
प्राचार्य अभयकुमार साळुंखे  
M.A.

सचिव  
प्राचार्या सौ. शुभांगी गावडे  
M.Sc., B.Ed

प्राचार्य  
डॉ. आर आर कुंभ  
M.Sc. M.Phil. Ph.D.

जावक क्रमांक दि.सी.के. / क्षमदा / 2024-25

दिनांक : 28/9/2024

प्रति,  
मा. प्राचार्य,  
राजर्षी छत्रपती शाहू कॉलेज,  
कदमवाडी रोड, कोल्हापूर

विषय : अग्रणी महाविद्यालय योजनेअंतर्गत कार्यशाळेत सहभागी करून घेणेबाबत.  
संदर्भ : आपले दि. 18.09.2024 चे पत्र.

महोदय,

उपरोक्त विषयानुसार आपल्या महाविद्यालयात दि.२८.०९.२०२४ रोजी आयोजित करण्यात आलेल्या

उपरोक्त विषयानुसार आपल्या महाविद्यालयातील १०००-११०००

“Material Characterization Techniques and Data Analysis ” या विषयावरील एक दिवसीय अग्रणी महाविद्यालय कार्यशाळेत या महाविद्यालयातील खालील विद्यार्थी व प्राध्यापक सहभागी होत आहेत. तरी त्यांना सहभागी करून घ्यावे ही विनंती.

अ.क्र.	नांव	वर्ग
१	पूनम धनाजी नरंदे	एम एस्सी २ अ‍ॅनेलेटिकल केमिस्ट्री
२	निर्वेदिता राजकुमार मगदूम.	एम एस्सी २ अ‍ॅनेलेटिकल केमिस्ट्री
३	तेजस सिद्राम पाटील	एम एस्सी २ अ‍ॅनेलेटिकल केमिस्ट्री
४	स्वरुप सर्जेराव पाटील	एम एस्सी २ अ‍ॅनेलेटिकल केमिस्ट्री
५	संचिता संजय पेटकर	एम एस्सी २ अ‍ॅनेलेटिकल केमिस्ट्री
६	प्रा विजया संजय राजमाने	प्राध्यापिका

कळावे,

आपला विश्वासू,

डॉ. आर. आर. कुंभार

2. संस्कृत : 100 अंकांचे परीक्षा

E Lead College/2021-22/Med Let

### List of Students participated in workshop





"Education through self-help is our motto" -Karmaveer

RAYAT SHIKSHAN SANSTHA'S

## RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR

Affiliated to Shivaji University, Kolhapur and NAAC 4<sup>th</sup> Cycle Reaccredited with A++ (CGPA- 3.78)

A Workshop Organized by Department of Chemistry on Saturday, 28<sup>th</sup> September, 2024

Under Lead College Scheme, Shivaji University, Kolhapur & The New College (Cluster), Kolhapur

One Day Workshop on 'Material Characterization Techniques and Data Analysis'

### Certificate

This is to certify that Prof./Dr./Mr./Mrs./Miss. Vijaya Sanjay Rajmane  
of Vivekanand College, Kolhapur. has  
participated in one day workshop on 'Material Characterization Techniques and Data Analysis' organized by  
Department of Chemistry, Rajarshi Chhatrapati Shahu College, Kolhapur under Lead College Scheme, Shivaji  
University, Kolhapur & The New College (Cluster), Kolhapur on Saturday, 28<sup>th</sup> September, 2024.

Prof. (Dr.) P. B. Piste  
Head  
Department of Chemistry

Dr. S. P. Pawar  
Coordinator  
Lead College Workshop

Dr. L. D. Kadam  
Principal  
Chairman, Lead College Coordination Committee

### Certificate of workshop



Students participated in workshop