



*Vidya Prasarak Mandal, Darwaha*

**Mungasaji Maharaj Mahavidyalaya, Darwaha**

*Report of A State Level Workshop*

**Unlocking Sustainable Solutions: A Workshop on Chemical Waste  
Management**

*Organized by*

**Department of Chemistry in collaboration with IQAC**

**Date: 7<sup>th</sup> February 2024**

**Time: 12.00 noon**

**Venue: Seminar Hall, Mungasaji Maharaj Mahavidyalaya, Darwaha.**



**Principal**

**Dr. V.B. Raut**

**Mungasaji Maharaj Mahavidyalaya, Darwaha.**

**Organizing Committee:**

**Prof. Dr. N.A. Rashidi**  
**Head Department of Chemistry**  
**IQAC Coordinator**

**Dr. P.H. Bhagwat**  
**Associate Professor**  
**Department of Chemistry**

**Ms. N.D. Mahurkar**  
**Asst. Professor, Convenor**  
**Department of Chemistry**

## Introduction:

On the 7<sup>th</sup> February 2024, the State level workshop on ‘Unlocking Sustainable Solutions: A Workshop on Chemical Waste Management’ was jointly organized by Department of Chemistry and I.Q.A.C. with the aim of educating students about the safe handling, storage, and disposal of chemical waste. In an era where environmental consciousness is paramount, understanding and managing chemical waste is crucial for sustainable development. It addressed the growing concern regarding environmental pollution caused by improper disposal of chemicals and the need for sustainable waste management practices.

## Objectives:

1. To raise awareness about the environmental and health risks associated with improper chemical waste management.
2. To educate students about regulatory requirements and guidelines for chemical waste handling and disposal.
3. To provide practical guidance on best practices for chemical waste segregation, storage, and disposal.
4. To promote the adoption of sustainable approaches to minimize chemical waste generation and maximize recycling and reuse.

## Workshop Agenda:

- 1.Introduction to Chemical Waste Management:** Overview of the importance of proper chemical waste management, including its impact on human health and the environment.
- 2.Regulatory Framework:** Presentation on local and national regulations governing chemical waste management and compliance requirements for industries and laboratories.
- 3. Chemical Waste Segregation and Storage:** Discussion on methods for segregating different types of chemical waste and proper storage techniques to prevent spills and contamination.
- 4. Handling and Transportation:** Training on safe handling practices, including the use of personal protective equipment (PPE), and guidelines for transporting chemical waste within and outside the facility.
- 5. Treatment and Disposal Options:** Overview of various treatment technologies and disposal methods for different types of chemical waste, including incineration, neutralization, and landfilling.
- 6. Recycling and Reuse:** Presentation on opportunities for recycling and reuse of certain chemical wastes to minimize environmental impact and reduce costs.
- 7. Case Studies and Best Practices:** Real-life case studies highlighting successful chemical waste management initiatives and best practices adopted by industries and research institutions.
- 8. Interactive Sessions and Q&A:** Opportunities for participants to engage in discussions, share experiences, and seek clarification on specific issues related to chemical waste management.

The State level workshop conducted on ‘Unlocking Sustainable Solutions: A Workshop on Chemical Waste Management’. The workshop started with kindling the lamp and worshipping the images of Sant Gadge Baba and Mungasaji Maharaj as a tribute to their work. The Principal of the college **Dr.V.B.Raut** chaired the programme, while the resource person

**Prof. Praveen Khandave** from Prof.Ram Meghe College of Engineering, Badnera-Amravati inaugurated the workshop by cutting the ribbon. Vice Principal **Prof.S.B.Chakave**, **Prof.P.D.Bageshwar**, **Prof.Y.S.Solanke** were present as the chief guests of the workshop. **Prof.N.A.Rashidi**, Head Department of chemistry and I.Q.A.C. Coordinator proposed the introductory speech and gave introduction of the resource person. **Ms.N.D.Mahurkar** conducted the workshop while **Ms.Priti Bhandekar** from B.Sc. part III proposed vote of thanks.

**Prof. Praveen Khandave** very well explained the concept of Chemical waste and its management which is a need of the time to make the future greener and safer.

### **Key Outcomes:**

1. Enhanced understanding of the importance of proper chemical waste management practices among participants.
2. Increased awareness of regulatory requirements and compliance obligations pertaining to chemical waste handling and disposal.
3. Acquisition of practical knowledge and skills necessary for safe chemical waste segregation, storage, and transportation.
4. Identification of opportunities for adopting sustainable approaches to minimize chemical waste generation and promote recycling and reuse.
5. Strengthened collaboration and knowledge-sharing among stakeholders, including industry professionals, regulators, and environmental experts.

## Photo Gallery:

*Vidya Prasarak Mandal, Darwha*  
**Mungasaji Maharaj Mahavidyalaya, Darwha**  
Department of Chemistry in collaboration with IQAC  
*Organizes*

**A State Level Workshop on**  
**Unlocking Sustainable Solutions: A Workshop on Chemical Waste Management**

**Inaugurator & Resource Person:**  
Prof. Praveen V. Khandve  
Prof. Ram Meghe College of Engineering and Management, Badnera-Amravati

**Date : 7<sup>th</sup> February 2024**  
**Time – 12.00 noon**  
**Venue: Seminar Hall, M.M.College Darwha**

**Chief Patron**  
Prof. Dr. Sangitai Ghukhedkar  
Secretary, Vidya Prasarak Mandal, Darwha

**Chief Guest**  
Prof. Dr. S. B. Chakave, Vice-Principal,  
M.M. College Darwha  
Prof. Dr. P. D. Bageshwar, Head Science  
Faculty, M.M. College, Darwha

**Chair Person**  
Dr. Vilas B. Raut  
Principal, Mungasaji Maharaj  
Mahavidyalaya, Darwha

**Organizers:**  
Prof. Dr. N. A. Rashidi  
Head Department of Chemistry and IQAC  
Coordinator  
Dr. P. H. Bhagwat  
Ms. N. D. Mahurkar, Convenor

## Banner of the workshop



**Inaugurator Prof. Praveen Khandave and Principal Dr. V. B. Raut while lightening the lamp and worshipping the images of Sant Gadge Baba and Mungasaji Maharaj**



**All the dignitaries seated on the dais and Ms.N.D.Mahurkar while conducting the workshop**



**Student Ms.Vaishnavi Amzare while welcoming the Speaker Prof.Khandave**



**Prof.N.A.Rashidi while addressing the workshop**



**Respected dignitaries while inaugurating the workshop**



Latitude: 20.316949  
Longitude: 77.780191  
Elevation: 382.37±2 m  
Accuracy: 9.6 m  
Time: 02-07-2024 13:07

Note: State Level Workshop "Unlocking Sustainable Solutions:A Workshop on Chemical Waste Management"

Powered by NoteCam

**Guest and Faculty members for the Inauguration of the Workshop**



Latitude: 20.316964  
Longitude: 77.780272  
Elevation: 382.37±1 m  
Accuracy: 11.9 m  
Time: 02-07-2024 13:43

Note: State Level Workshop "Unlocking Sustainable Solutions:A Workshop on Chemical Waste Management"

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**Prof. Khandave addressing the students through Inaugural Speech of Workshop**



**Principal Dr.V.B.Raut while addressing students through Presidential Speech**



**Prof.Khandave while conducting the Session in the Workshop**



**Faculty members and Students attending the workshop**



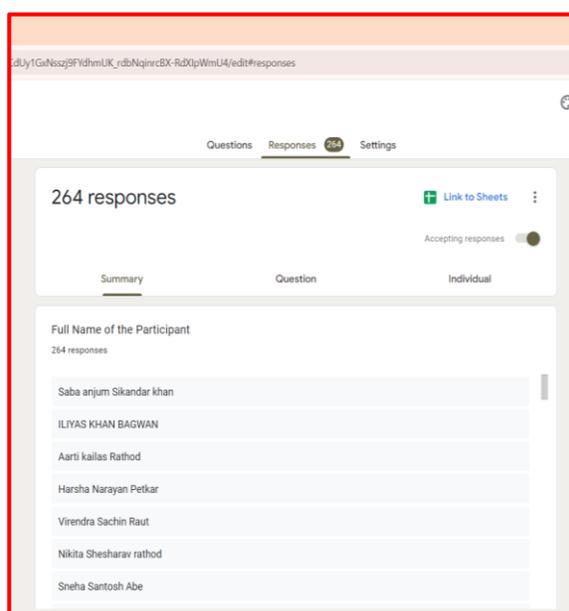
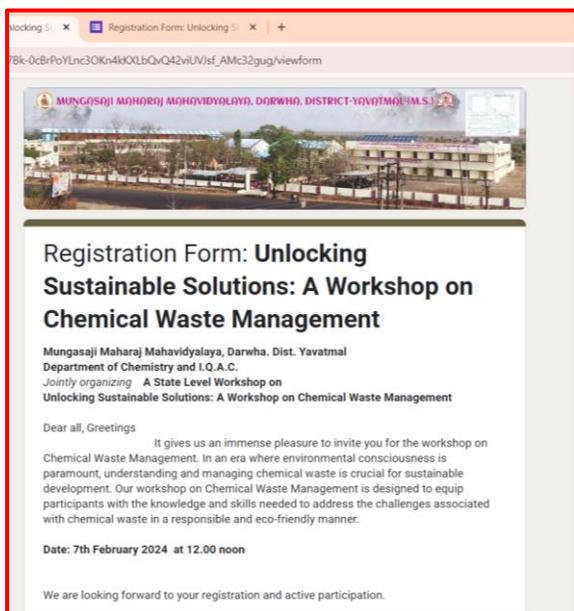
**Students attending the workshop on Chemical waste management**



Latitude: 20.316958  
Longitude: 77.780218  
Elevation: 382.37±2 m  
Accuracy: 10.2 m  
Time: 02-07-2024 13:19  
Note: State Level Workshop "Unlocking Sustainable Solutions: A Workshop on Chemical Waste Management"

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Students during discussion Q/A session



Screenshot of the Google form and total 264 registrations for the workshop

Total Registration for the Workshop: 264

## News of the Workshop:



सर्वज्ञ हर्बल

हिंगोली HINGOLI LOKPRASHNA

# लोकप्रश्न

संपादक- गदन शेळके पाटील



श्री देज-नान देज

• महाराष्ट्र राज्य• गंगळवार, दि. २३ फेब्रुवारी २०२४• RNI NO. MAHMAR/2021/84714

## रसायनशास्त्र विषयांतर्गत कार्यशाळा संपन्न

दारव्हा तालुका प्रतिनिधी/सागर चक्रे -दारव्हा स्थानिक येथील मुंगसाजी महाराज महाविद्यालय येथे रसायनशास्त्र विभाग व आय.क्यू. ए.सी. यांच्या संयुक्त विद्यमाने आयोजित राज्यस्तरीय कार्यशाळा 'अनलॉकिंग सस्टेनेबल सोल्युशन्स: अ वर्कशॉप ऑन केमिकल वेस्ट मॅनेजमेंट' या विषयावरील कार्यशाळा दिनांक ७ फेब्रुवारीला पार पडली.

या कार्यशाळेची सुरुवात सर्व मान्यवरांच्या हस्ते संत गाडगेबाबा व मुंगसाजी महाराज यांच्या प्रतिमा पूजनाने करण्यात आली. या कार्यशाळेला उद्घाटक व प्रमुख वक्ते म्हणून प्रा. राम

मेघे इंजीनियरिंग कॉलेज बडनेरा येथील प्रा.प्रवीण खांडवे उपस्थित होते. या कार्यशाळेच्या अध्यक्षस्थानी येथील मुंगसाजी महाराज महाविद्यालयाचे प्राचार्य डॉ. विलास राऊत होते.प्रमुख अतिथी म्हणून महाविद्यालयाचे उपप्राचार्य डॉ. सुनील चकवे, प्रा. प्रशांत बागेश्वर,प्रा. यादव सोळंके उपस्थित होते. केमिकल वेस्ट व्यवस्थापन व त्यावरील शाश्वत उपाय हा विषय प्रा. प्रवीण खांडवे यांनी अतिशय उत्कृष्ट व सोप्या पद्धतीने स्पष्ट केला. केमिकल वेस्ट व्यवस्थापन ही सुरक्षित भविष्याची गरज असे प्रतिपादन प्रा. खांडवे



यानी केले. या कार्यक्रमाचे प्रास्ताविक रसायनशास्त्र विभागप्रमुख व आय. क्यू. ए. सी. समन्वयक प्रा.नाझिया रशिदी यांनी केले. सूत्रसंचालन कार्यशाळा समन्वयक प्रा. नेहा माहूरकर यांनी केले. तर आभार कु. प्रीती भांडेकर हिने मानले. या कार्यशाळेला उपस्थित सर्व प्राध्यापक व विद्यार्थी यांनी आपला सक्रिय सहभाग नोंदविला. या कार्यशाळेच्या यशस्वीते करिता रसायनशास्त्र विभागातील प्रा. नाझिया रशिदी, प्रा. प्यारेलाल भागवत, प्रा. नेहा माहूरकर यांनी परिश्रम घेतले.

## News of the Workshop in the Lokprashna Newspaper

# नमो महाराष्ट्र

## महत्वाचे



### मुंगसाजी महाराज महाविद्यालयात रसायनशास्त्र विभाग व आय.क्यू. ए.सी. यांच्या संयुक्त विद्यमाने राज्यस्तरीय कार्यशाळा

दारव्हा : 'अनलॉकिंग सस्टेनेबल सोल्युशन्स: अ वर्कशॉप ऑन केमिकल वेस्ट मॅनेजमेंट' या विषयावरील कार्यशाळा दिनांक ७ फेब्रुवारीला पार पडली.या कार्यशाळेची सुरुवात सर्व मान्यवरांच्या हस्ते संत गाडगेबाबा व मुंगसाजी महाराज यांच्या प्रतिमा पूजनाने करण्यात आली. या कार्यशाळेला उद्घाटक व प्रमुख वक्ते म्हणून प्रा. राम मेघे इंजीनियरिंग कॉलेज बडनेरा येथील प्रा.प्रवीण खांडवे उपस्थित होते. या कार्यशाळेच्या अध्यक्षस्थानी येथील मुंगसाजी महाराज महाविद्यालयाचे प्राचार्य डॉ. विलास राऊत होते. प्रमुख अतिथी म्हणून महाविद्यालयाचे उप प्राचार्य प्राध्यापक चकवे, प्रा. बागेश्वर,प्रा. सोळंके उपस्थित होते. केमिकल वेस्ट व्यवस्थापन व त्यावरील शाश्वत उपाय हा विषय प्रा. खांडवे यांनी अतिशय उत्कृष्ट व सोप्या पद्धतीने स्पष्ट केला. या कार्यक्रमाचे प्रास्ताविक रसायनशास्त्र विभागप्रमुख व आय. क्यू. ए. सी. समन्वयक प्रा.नाझिया रशिदी यांनी केले. सूत्रसंचालन कार्यशाळा समन्वयक प्रा. नेहा माहूरकर यांनी केले. तर आभार कु. प्रीती भांडेकर हिने मानले. या कार्यशाळेला उपस्थित सर्व प्राध्यापक व विद्यार्थी यांनी आपला सक्रिय सहभाग नोंदविला. या कार्यशाळेच्या यशस्वीते करिता रसायनशास्त्र विभागातील प्रा. रशिदी, प्रा.भागवत, प्रा. माहूरकर यांनी परिश्रम घेतले.

## News of the Workshop in the Namu Maharashtra Newspaper

## **Conclusion:**

The workshop on Chemical Waste Management proved to be a valuable platform for educating participants about the importance of responsible chemical waste handling and disposal. By equipping attendees with the necessary knowledge and skills, the workshop contributes to efforts aimed at mitigating environmental pollution and safeguarding public health. Continued awareness-raising initiatives and capacity-building efforts in this field are essential for promoting sustainable development and protecting the planet for future generations.

## **Acknowledgments:**

We extend our sincere appreciation to all participants, speakers, and organizers for their valuable contributions to the success of the workshop on Chemical Waste Management.