



Acharya Panth Shri Grindh Muni Naam Saheb Govt. P.G. College,

Kawardha

Dist. Kabirdham(Chhattisgarh)

Affiliated to Hemchand Yadav University, Durg

NAAC Grade "B"

International

Seminar (Hybrid Mode)

2025

On

“The Future of Waste Management: Trends and Challenges”

Organised By

Coordinator Cell (CCOST)

APSGMNS Govt.P.G. College, Kawardha Dist. Kabirdham
(C.G.)

Sponsored By

Chhattisgarh Council of Science & Technology (CCOST)



Invitation

International Seminar (Hybrid Mode)

6th & 7th August, 2025

Venue : Atal Bihari Vajpeyi Auditorium

APSGMNS Govt.P.G. College, Kawardha Dist.Kabirdham (C.G.)



About the College :

Established in the year 1983, Acharya Panth Shri Grindh Muni Naam Saheb Govt. P.G. College, Kawardha is continuously moving ahead on the path of success and is counted as one of the leading colleges of Chhattisgarh. It's academic excellency is reflected in its learning, teaching process in Arts, Commerce, Science and computer science faculties. Here post graduate classes are conducted in 14 subjects. Self finance employment oriented programs such as DCA, PGDCA , B.Sc. (Computer Science) are conducted which are highly beneficial for youth. Janbhagidari committee, whose enthusiastic affords and consistent cooperation is leading the college towards excellence. Value based education is the core component in the nation's reconstruction. Wisdom, education, knowledge and information together serve as a solution for all socio-economic problems of the country. Higher education has great responsibility for motivating and guiding the youth in the right direction. Youth is a permanent source of energy for any nation. We are planning to give right direction to transform this energy into right path way. Our aim is to develop values among students which will help them to develop as a human being as well as a citizen of India. Education means not only providing instructions and information to students but also provides platform for students to bring out and to inculcate their innate and latent talent, potential and creativity. Our entire team along with Janbhagidari committee and other stake holders is committed to provide value based education under the valuable directives of UGC and C.G State Govt.

About the Seminar:

Waste management is an ever-evolving field, driven by the need to minimize environmental impact, enhance sustainability, and improve efficiency. In today's world, waste management companies are embracing cutting-edge technologies and innovative strategies to address these challenges head-on. In this blog, we will explore the latest trends and challenges shaping the future of waste management.

The future of waste management is filled with promise and potential. As technology advances and sustainability becomes a top priority, waste management companies are at the forefront of innovative solutions. Smart bins, waste-to-energy technologies, recycling automation, data analytics, and circular economy practices are just some of the trends and challenges that are shaping the industry.

Objectives :

- ❖ This seminar aims to explore innovative technologies, emerging trends, and policy changes required to effectively manage waste, minimize environmental impact, and promote a circular economy.
- ❖ To develop more sustainable and efficient waste management systems that minimize environmental impact and promote resource recovery.

Instructions for Scientific Activities

Topic should be relevant to the theme of the seminar.

For Poster: Poster should be presented in portrait format, poster size: 24 X 36 Inch, poster contents should be divided into the following section: Title, Authors, Class_Name.

For Power Point Presentation: Presentation topic should be related to the theme of the seminar, Prepare PPT with maximum 10 slides. The time given to presentation will be 4 minutes and 2 minutes for Q & A. You can send your PPT on coordinatorccost@gmail.com on/ before 31 July, 2025

Organizing Agency :

Coordinator Cell (CCOST)

Acharya Panth Shri Grindh Muni Naam Saheb

Govt. P.G.College, Kawardha

Dist. Kabirdham (C.G.)

Sub Theme of International Seminar

- ☐ E-Waste and Hazardous Waste Management
- ☐ Organic Waste Management
- ☐ Plastic Waste Management and Alternatives
- ☐ Recycling and Resource Recovery
- ☐ Waste-to-Energy (WtE)
- ☐ Sustainable Waste Disposal Methods
- ☐ Role of the Informal Waste Sector
- ☐ Environmental and Health Impacts of Waste Mismanagement
- ☐ Innovative Waste Management Solutions
- ☐ Technological Innovations in Waste Management
- ☐ Circular Economy and Sustainable Practices
- ☐ Policy, Regulation, and Governance
- ☐ Social and Behavioral Aspects
- ☐ Urbanization and Waste Infrastructure
- ☐ Climate Change and Environmental Impact
- ☐ Economic Aspects of Waste Management
- ☐ Global Disparities and Equity
- ☐ Wastewater Treatment Technologies
- ☐ Reuse and Recycling of Wastewater
- ☐ Public Health and Sanitation
- ☐ Innovations and Future Trends aspects to Waste Management

PROGRAMME SCHEDULE DAY-01 (06 August 2025)

Description of Scientific Activities: Venue: College Campus

Topic should be relevant to the theme of the seminar.

- Registration - (09-00- 10.30)
- Scientific Rangoli Competition - Auditorium (10.30 AM Onwards)
- Invited Talk by Dr. Santosh Kumar Verma, Associate Professor Chemistry and Chemical Engineering, Yulin University, Yulin 719000, China(11.00 AM Onwards, [Online Google Meet](#))
- PPT Presentation by Faculty - Auditorium/Room No. 16 (12.00- 02.00)
- Speech Competition - Room No.- 17 (11.30 AM Onwards)
- Quiz Competition - Room No. -18 (12.30 AM Onwards)

PROGRAMME SCHEDULE DAY-02 (07 August 2025)

09.30- 11.00 Scientific Poster & Model Presentation
(Backside of the stage of Auditorium)

Session I : Inauguration Session

- 11.00-11.05 Saraswati Pooja
- 11.05-11.10 Rajgeet
- 11.10-11.30 Welcome
- 11.30-11.40 Inaugural Address by Dr. Anil Kumar Sharma, Asst. Prof. (IT)
- 11.40-11.50 Welcome Note by Principal Dr. Richa Mishra
- 11.50-12.00 Speech by Mr. Rinkesh Vaishnav (Special Guest)
- 12.00-12.20 Speech by Dr.Sanjay Tiwari VC, HYU, Durg (C.G.)(Guest of Honour)
- 12.20-12.40 Speech by Mr.Chandra Praksh Chandravanshi (Chief Guest)

Session II: Technical Session

- 12.40- 01.30 PPT Presentation by students
- 01.30 – 01.40 Tea Break
- 01.40- 02.40 Key Note Address by Dr. H.S. Hota, Professor & Head, Dept. of Computer Science & Application, ABVU Bilaspur C.G.
- 02.40-03.40 Invited Talk by Dr. Kamble Pramod Ningappa, Associate Professor, Department of Environmental Science, Central University of Rajasthan ([Online Google Meet](#))

Session III: Valedictory Session

- 03.40-04.40 Prize Distribution
- 04.40-05.15 Concluding Remark by Dr. Jay Kumar Mehra
- 05.15-05.30 Vote of Thanks by Mr. Deepak Kumar Dewangan, Asst. Prof. (Microbiology)



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CHIEF GUEST

Shri Chandraprakash Chandravanshi

President
Municipal Corporation, Kawardha
Dist. - Kabirdham (C.G.)



Guest of Honour

Dr. Sanjay Tiwari

Hon'ble Vice Chancellor
Hemchand Yadav
University, Durg
Chhattisgarh



SPECIAL GUEST

Shri Rinkesh Vaishnav

President
Janbhagidari Committee
Acharya Panth Shri Grindh Muni Naam Saheb
Govt.P.G. College, Kawardha
Dist. - Kabirdham (C.G.)



RESOURCE PERSONS



Dr. Santosh Kumar Verma

Associate Professor Chemistry and Chemical
Engineering, Yulin University, Yulin 719000, China



Dr. H.S. Hota

Professor & Head
Dept. of Computer Science
and Application
Atal Bihari Vajpayee
Vishwavidyalaya (Bilaspur
University) Bilaspur,
Chhattisgarh, India



**Dr. Kamble Pramod
Ningappa**

Department of Environmental Science,
School of Earth Science,
Central University of Rajasthan,
NH-8 Jaipur Ajmer Highway,
Bandarsindri Kishangarh-305817,
Dist-Ajmer, Rajasthan



Patron

Dr. Richa Mishra

I/C Principal
APSGMNS Govt.P.G.College, Kawardha
Dist. Kabirdham (C.G.)

Organizing Committee



Convenor

Dr. Anil Kumar Sharma

Assistant Professor (IT)
APSGMNS Govt.P.G.College, Kawardha
Dist.- Kabirdham (C.G.)



Co-convenor

Dr. Deepti Jangde

Assistant Professor (Chemistry)
APSGMNS Govt.P.G.College, Kawardha
Dist.- Kabirdham (C.G.)

Organizing Secretary

Prof. Deepak Kumar Dewangan

Assistant Professor (Microbiology)
APSGMNS Govt.P.G.College, Kawardha
Dist.- Kabirdham (C.G.)

Organizing Committee Members

- ☐ Dr. Seema Mandavi
- ☐ Mr. Santosh Kumar Dahariya

- ☐ Dr. Sunita Jakhad
- ☐ Dr. Jay Kumar Mehra

Supporting Staff

- ☐ Mr. Mukesh Kumar Kamle
- ☐ Mr. Narendra Kumar Kulmitra
- ☐ Mr. Santosh Kumar Sahu
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- ☐ Dr. Kavita Kannoje
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- ☐ Mr. Ravi Kumar Gadhewal

- ☐ Mr. Pratyush Shrivastava
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- ☐ Mr. C.B. Chandravanshi
- ☐ Mr. H.D. Banjare
- ☐ Mrs. Sweksha Singh Parihar
- ☐ Mr. Ravindra Kumbhkar
- ☐ Mr. S.L.Kasture
- ☐ Mr. Goverdhan Chandravanshi
- ☐ Mrs. Meenu Thakur
- ☐ Mr. Jayant Sahu
- ☐ Mr. Falit Sahu
- ☐ Mr. Bholu Das Dharwaiya
- ☐ Mr. Somesh Thakur
- ☐ Mr. Shashi Kumar Netam
- ☐ Mr. Hemant Singh Thakur
- ☐ Mr. Vishnu Sahu
- ☐ Mr. Chhatrapal Sahu
- ☐ Mr. Kamlesh Diwakar
- ☐ Mr. Dileep Khare



Contact Us for Any Query
Cell: 98279-65195, 9993848861, 9977807172
Registration Link: <https://forms.gle/K6En3K1kZybaFYuh7>
Google Meet Link: <https://meet.google.com/xew-vnxf-pcv>
Follow this link to join Seminar WhatsApp group:
<https://chat.whatsapp.com/GJkuPEAHALW7hMUKYloKpw7modeac.1>