

#### CIRCULAR



# DEPARTMENT SCHOOL OF PHARMACY CIRCULAR

No: AJU/SOHAS/048/25

Date 12.02.2025

It is hereby notified to all the faculties, Lab assistants and attenders that School of Pharmacy is going to organize an Expert Talk Session on **Disposal of Outdated Laboratory Chemicals a Good Laboratory Practice** on 15th February 2025 on the University campus. Interested students from different departments as well as faculty members can participate this session. Mr. Sumanta Sen, Mr. Vikash Dash, Mr. Alok Kumar Moharana and Dr. Shweta will coordinate this event. The venue will be the seminar hall of SUSHRUTA and timing will be 11:30 AM.

ARKAJA

Dean School of Pharmacy

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IQAC Office of the Registrar Class Coordinators Academic Coordinator ERP Coordinator In-charge Website Office file Student WhatsApp group



## EXPERT TALK SESSION ON DISPOSAL OF OUTDATED LABORATORY CHEMICALS A GOOD LABORATORY PRACTICE

Date of Event	15.02.2025
Name of the Event	Expert Talk Session On Disposal of Outdated Laboratory Chemicals A Good Laboratory Practice
Type of the Event	Environment Consciousness/Sustainability/Technical Skill Development Program
Conducted by	School of Pharmacy
No. Of Participants	60

#### **OBJECTIVE:**

The main aim was to educate students and faculty on safe chemical handling, disposal methods and the importance of adhering to Good Laboratory Practice. It would also provide in-depth knowledge on promoting regulatory compliance, sustainability and research safety through expert insights and discussions.

## **DETAILS:**

The School of Pharmacy, ARKA JAIN University organized an insightful Expert Talk Session on "Disposal of Outdated Laboratory Chemicals A Good Laboratory Practice" on 15th February 2025 from 11:00am onwards at Block B Auditorium. The session aimed to educate students and faculty on the safe and effective management of expired and hazardous chemicals in laboratory. The event commenced with a warm welcome of the esteemed speaker Mr. Ajit Singh, a distinguished Ecologist, who was presented with a sapling by Dr. Jyotirmaya Sahoo, Dean, School of Pharmacy, ARKA JAIN University. This symbolic gesture emphasized the institutions commitment to sustainability and environmental consciousness. Following the welcome ceremony Mr. Ajit Singh conducted an engaging session covering crucial aspects of laboratory chemical disposal. He elaborated on various methods of handling outdated chemicals, including neutralization, incineration, chemical treatment and collaboration with authorized waste disposal agencies. The importance of adhering to Good Laboratory Practice (GLP), proper labelling, storage, risk assessment and record-keeping was thoroughly discussed. The session also emphasized the significance of regulatory compliance, highlighting national and international guidelines such as those by the Central Pollution Control Board (CPCB) and World Health Organization (WHO). Mr. Singh encouraged the adoption of green chemistry practices to minimize environmental impact and promote sustainability in pharmaceutical research. At the end an interactive session was followed where participants actively interacted with Mr. Singh seeking clarifications and sharing their own experiences regarding chemical waste management. The session



fostered a collaborative learning environment and enhanced the participants understanding of the topic. The event concluded with a felicitation ceremony where Mr. Ajit Singh was honoured with a memento as a token of appreciation for his valuable insights and contribution to the academic community. The program was skilfully anchored by Ms. Sristi Shreya and efficiently coordinated by Mr. Sumanta Sen, Mr. Alok Moharana, Mr. Vikash Das, Dr. Shweta Srivastava, and Ms. Purnima Mahato. The event was conducted under the vigilant support and guidance of Dr. Jyotirmaya Sahoo, Dean, School of Pharmacy.

## **TAKEAWAY (OUTCOMES):**

The expert talk session proved to be highly informative and thought provoking, reinforcing the importance of chemical management and good laboratory practice. It left a lasting impact on both students and faculty, encouraging them to implement sustainable and safe practices in their research activities.



## POSTER OF THE EVENT



#### PHOTOS OF THE EVENT



Fig.1-Mr. Ajit Singh addressing the gathering.



Fig. 2- Felicitation of the Guest Speaker by the Dignitaries.





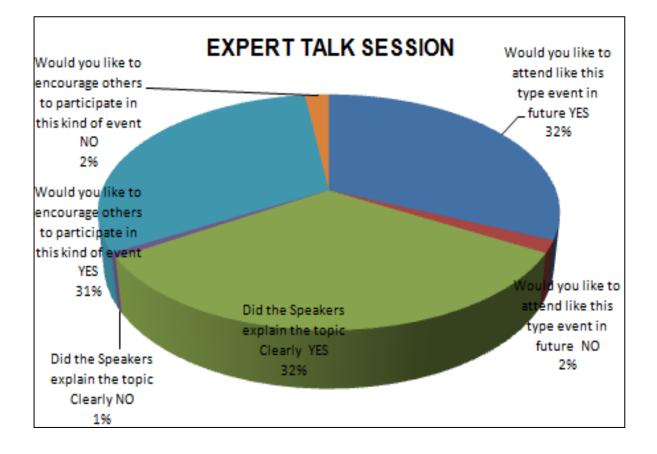
Fig. 3- Welcoming of Mr. Ajit Singh by Dr. Jyotirmaya Sahoo



Fig. 4- Students engrossed in the session



#### FEEDBACK ANALYSIS

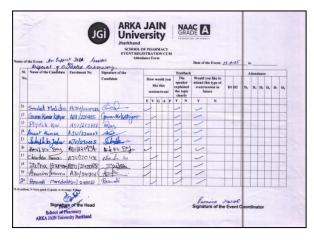






## LIST OF PARTICIPANTS

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#### WRITE-UP SUMMARY

An Expert Yelk Session signed of our dated talmasory crumical & good Laboratory Practices Submilled By - Ricks Kumer" In opport shek by the spit singh Rectoger provided a comprehension understanding of securical waste magiment and it's precial water in enouring laboratory safety and invisionsmental production . The accion includes following learnings: ) Proper Identification and Classification of Chimicals : - We learned how to calegorize chemicalo bouch on their hayard lines - flammable, correction reaction on mic to determine suitable disposal methods. 3) Lafe Storage Practice: He important of segurgating chemical according to their rompatibility to prevent dangereen reaction was emphasized. Loc-Singh dividuated labelling practices, including using hegand symbols and expirations dated for easy identification. D chemical Disposed Heroch :- Varians disposal lethniques were explained · Neutralization - You acids & bases. · Incineralisis - you argant solvents and court Agand compounds. chemical treatment To break down harmfull substances into less souts forms Risporal through ductorized Agencie - Ensuring compliance by callaborating with certified with disposed units -) Regularous compliance : - We gained insights into national and intersation guideline, including esson at by CPCE (Rembral Pellubin Control Board) and NHO (World Healen Organization); ninjering the need to follow legal presocols for chimical works disposal. ) Record - Kyping and Documentation :- He sucoion Rightighted the necessity of maintaining proper records of chemical purchases, crage, and disposal, decurrents documentation ensures transparency and aios in audits are impretans. 6) Emergency Response and Rich Hiligation :the Singh discussed the steps to be laken in coast of chemical spill, lake or accidental exposure emphasizing the use of safety snowers, expension Stations, and personal protective equipment (PPCs). f) Sustainability and Eco- Huindly Pusctics:it crucial balancery was the encouragement to adapt green chemicitary principles - minimizing waste generation , sucyeling solvents and using less tagatidans magents to reduce an environmental impact of aboratory activities . 1) Han Collaboration and Training :-The session neinforced to importance of teamwork in manitaining a Safe lat invironment. Regular training tessions goe students and staff on bill and wasts management practices were strongly recommended Overall, the services not only expanded any technical smoulledge but also instilled a sense of suppossibility towards manitaining a safe, complains and sustainable experanery invivengent

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