



## REPORT ON a Guest lecture by Dr. D. K. Aswal, Director, National Radiation Emergency Response & Health Safety and Environment Group (HS&EG), Department of Atomic Energy, Government of India

1. Title: *"Radiation, Nuclear Energy and Environment"*
2. Objective: To enlighten the students about the benefits of nuclear energy and dangers of nuclear radiation
3. Date: 12<sup>th</sup> March, 2025
4. Duration:  $1\frac{1}{2}$  hours
5. Collaborations: AMD, North Eastern Region, Nongmynsong, Shillong
6. No of participants students: 63
7. No of Participants faculty: 4
8. No of participants others: 3
9. Outcome: Dr. D. K. Aswal, who is a senior member of Trombay Council (TC) - the APEX decision making body at Bhabha Atomic Research Center (BARC) - and holds several key positions of Director, Health Safety and Environment Group (HS&EG), Associate Director, Medical Group, and Director, National Radiation Emergency Response (Department of Atomic Energy, Government of India), and along with three other scientists from the DAE visited the Department of Physics on the 12<sup>th</sup>, March, 2025. They interacted with the faculties of the department and held a talk on the topic *"Radiation, Nuclear Energy and Environment"* with the students of Physics major and faculties as the audience. Dr. Aswal highlights the pros and cons of nuclear energy. He explained the role which nuclear energy can play to make India a developed economy. He touched upon health hazards of radiation and certain myths associated with this hot issue. There was a question answer session between the students and the speaker. The talk ended with a vote of thanks from the Head of Department of Physics.
10. Geo tagged photo –



11. Organizer: Dr. M. Ram.

HoD: Dr. M. Lyndem.