

DESHABANDHU MAHAVIDYALAYA

EVENT REPORT

Department of Chemistry

Title of the Event:

Annual College FEST, 2025 (Project and Poster Presentation Competition)

Date of Event:

18.12.2025-19.12.2025

Organized By (Department/Cell/Committee):

Department of Chemistry, Deshabandhu Mahavidyalaya

Number of Participants:

05

Name of the Resource Person/s (Not applicable for field-based activities):

N.A.

A Brief Report

The Annual College Fest of Deshabandhu Mahavidyalaya was celebrated on 18.12.2025 to 19.12.2025 with great enthusiasm and active participation from students and staff of the college. As a major academic and cultural highlight of the institution, the fest aimed to provide a platform for students to showcase their creativity and innovation in different aspects. One of the key academic events of the fest was the project and poster presentation competition, where about seventeen departments and different centers of the college had participated. On this occasion, the department of chemistry has organized a stall for these two days, where the students have presented posters on two different topics. Students of semester-III have depicted how introduction of nanotechnology in the field of agriculture is improving crop productivity and restoring sustainability. It is an emerging technology in the field of agriculture where the use of nano-fertilizers, nano-nutrients, nano-pesticides reduces nutrients run-off, increases soil fertility, improves productivity and pave the way for developing an ecosystem of sustainable agriculture. The scope of future development with proper strategies were also described. On the other hand, chemistry in our daily life was the topic of semester-I students. They have shown how chemistry is inseparable part of our daily life and focused on the actual chemistry behind every common product used in our day-to-day routine, starting from toothpaste to mobile recharge to commonly

used drugs. Ball-Stick models of some common drugs like-aspirin, paracetamol, ibuprofen were also constructed for easy understating of the molecular structure of these drugs. A panel of judges comprising experienced members from academics, news media and administration evaluated the presentations of all the participated departments and centers of the institution on the basis of depth of content, subject knowledge, presentation skill and clarity, practical applicability and response to questions during interaction. The judges were very impressed with the topics and presentations of the department of chemistry and gave 'very good' remarks. Finally, the results were declared and department of chemistry was selected for the 2nd position jointly with the department of physics. Winners were appreciated with prizes, motivating them for future academic pursuits. Such initiatives reassert the institutions' commitment to holistic education and experiential learning.

