

## PATRON

**Dr. Debnath Palit**

*Principal, Durgapur Government College  
West Bengal Senior Education Service (WBSES)  
Government of West Bengal*

## VICE PATRONS

**Prof. Subrata Ghosh**

*Coordinator, Internal Quality Assurance Cell (IQAC)  
Durgapur Govt. College*

and

**Dr. Subhojit Ojha**

*Secretary, Teachers' Council, Durgapur Govt. College*

## CONVENER

**Dr. Nivedita Acharjee**

*Coordinator,, DBT STAR COLLEGE SCHEME, Durgapur Govt. College*

## ORGANIZING COMMITTEE

### BOTANY

*Dr. Ashoke Bhattacharya, Associate Prof. and Head, Dept of Botany*

*Dr. Prosanta Saha, Assistant Prof and  
Departmental Coordinator, Botany*

### ZOOLOGY

*Dr. Somnath Dhali, Assistant Prof. and Head, Dept of Zoology*

*Dr. Kuntal Bhattacharya, Assistant Prof. and  
Departmental Coordinator, Zoology*

### CHEMISTRY

*Dr. Snigdha Chandra, Associate Prof. and Head, Dept of Chemistry*

### GEOLOGY

*Dr. Pinaki Roy, Assistant Prof. and Departmental Coordinator, Geology*

### MATHEMATICS

*Prof. Amitava Samanta, Associate Prof. and Head, Dept of Mathematics*

*Dr. Pratikshan Mondal, Assistant Prof. and  
Departmental Coordinator, Mathematics*

### PHYSICS

*Dr. Anisur Rahaman, Associate Prof. and Head, Dept of Physics*

*Dr. Swapan Kumar Ghosh, Associate Prof. and  
Departmental Coordinator, Physics*



DEPARTMENT OF BIOTECHNOLOGY  
MINISTRY OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA

## Durgapur Government College

*J. N. Avenue, Durgapur, Paschim Bardhaman, West Bengal-713214*

*Accredited by NAAC with "A" Grade in 2017*

*Affiliated to Kazi Nazrul University | UGC 2(f) and 12(B) Recognized College*

## DBT STAR COLLEGE SCHEME

### NATIONAL SCIENCE DAY CELEBRATION

## Invited Lecture and Poster Competition

**February 28, 2024**



## REGISTRATION LINK FOR POSTER COMPETITION

<https://forms.gle/B5Mo96qVW1t2u6ex6>

## INVITED LECTURE

**Time: 11 am to 1 pm**

**Professor Kartik Chandra Ghanta**  
*Department of Chemical Engineering  
National Institute of Technology, Durgapur*

Topic of Lecture: Science for Society, Science for  
Man, Science in Thinking: the need of the hour

## POSTER COMPETITION

Poster competition will be organized under  
the following categories:

**CATEGORY-1:**

**UNDERGRADUATE STUDENTS**

**CATEGORY-2:**

**POST-GRADUATE STUDENTS**

**CATEGORY 3:**

**RESEARCH SCHOLARS**

There is no registration fee

**Best three posters will be  
awarded in each category**

All participants will receive certificate of  
participation

**Please register on or  
before 26-02-2024**

## THEME 1: WASTE MANAGEMENT

**Sub-Themes:** Best out of Waste, Chemical Waste Management/Disposal, Biological Waste Management/Disposal, E-waste Management/Disposal, Any other Waste Management Strategy

## THEME 2: SCIENCE THROUGH COMPUTING AND PROGRAMMING

**Sub-Themes:** Applications of MATLAB software, Applications of MATHEMATICA software, Applications of Arc-GIS software, Applications of C-Programming, Applications of MS-Excel, Applications of Chem-draw, Gaussian and Gauss View, Software Applications in Geology, Applications of Remote Sensing and Geographical Information System, Applications of online software to determine biological activity, Digital Image Processing, Applications of Sci-Lab Software, Any other software/computational applications

## THEME 3: NATURAL RESOURCE SURVEY AND ANALYSIS

**Sub-Themes:** Water Analysis, Soil Analysis, Vegetation Mapping, Species Composition Analysis, Ground water exploration, Nesting Habits of Birds, renewable resources of energy, Any other natural resource analysis

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The DBT STAR COLLEGE SCHEME is a scheme of **Department of Biotechnology (DBT), Government of India**, to support institutions offering undergraduate education across the country. **Durgapur Government College received the prestigious DBT STAR COLLEGE SCHEME grant in September 2022** for six science departments, namely, **Botany, Chemistry, Geology, Mathematics, Physics and Zoology**. The scheme will involve several activities such as workshops, hands on training, new experiments, seminars, conferences, invited lectures, faculty development programmes, visits to research laboratories, industrial training, outreach activities and several other innovative initiatives to promote the undergraduate science teaching through practical learning and student-centric methodologies.

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## THEME 4: LABORATORY TECHNIQUES

**Sub-Themes:** Thin Layer Chromatography, Column Chromatography, Nanoparticle synthesis, Green Synthesis, Spectroscopy, Instrument Calibration, Rock Thin Section Preparation, Any other laboratory technique

## THEME 5: ENTREPRENEURSHIP

**Sub-Themes:** Mushroom Cultivation, Dragon-fruit cultivation, White Sandalwood Cultivation, Organic Farming, Vermicomposting, Electrical House Wiring, Household Cheese making and Yoghurt making, Household Baking Techniques, Any other innovative strategy for Entrepreneurship

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