

CONSORTIUM OF HIGHER EDUCATIONAL INSTITUTIONS FOR RESEARCH AND DEVELOPMENT (CHIRD)

Interdisciplinary Students' Science Conclave: 'Science for Industry'

Date : February 17 & 18, 2026
VENUE: Prakruti Hall

DAY 1 – Industry-Oriented Science & Student Research

Morning Session

09:00 a.m. – 09:30 a.m.

Registration

09:30 a.m. – 10:15 a.m.

Inauguration

Chief Guest: Prof. L. Senthil Kumar

Head, Department of Physics
Bharathiar University, Coimbatore

Inaugural address title: Science
and Industry Symbiosis

10:15 a.m. – 11:15 a.m.

Technical Talk I: Prof. E. S. Kannan

Department of Physics, BITS-Pilani, Goa

Title: Bridging knowledge and practice – Connecting
concepts to futuristic industrial application

11:15 a.m. – 11:30 a.m.

Tea Break

11:30 a.m. – 12:30 p.m.

Technical Talk II: Dr. G. Neethirajan

Dean Research/Scientific Consultant, KGCAS/ICMR-RMRC
KGSL Campus, Coimbatore

Title: The Synergistic role of science and industries in
diagnostic technologies of diseases for global health
improvement and human welfare

12:30 p.m. – 01:30 p.m.

Lunch Break

Afternoon Session

01:30 p.m. – 2:15 p.m.

Technical Talk III: Prof. M. Senthil Kumar

Department of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore

Title: Artificial Intelligence in Industry: A Mathematical View

2:15 p.m. – 03:00 p.m.

Technical Talk IV: Dr. Ravindra Naik

Principal Scientist and Head, ICAR Central Institute of agricultural engineering regional station, Coimbatore

Title: Innovative post-harvest technologies for industrial wealth generation from Bio-waste

03:00 p.m. – 03:15 p.m.

Tea Break

03:15 p.m. – 04:00 p.m.

Poster Presentations (Parallel / Open Session) Themes:

Science for Sustainable Industry, Materials, Energy & Electronics, Chemical & Biological Innovations, Data Science, AI & Modelling for Industry (Judged by Faculty Experts)

Poster Interaction & Networking Session: Students interact with faculty & industry mentors

Wrap-up of Day 1 & Announcements

DAY 2 – Research Strengths

Morning Session

10:00 a.m.–11:30a.m..

Research Highlights of Science Departments (10–15 minutes per department) Physics, Chemistry, Mathematics, Computer Science / Data Science, Food Processing Technology, Zoology, Botany and Biotechnology

Focus: Ongoing research, instrumentation, industry relevance, student involvement

Tea Break

Panel Discussion

Theme: The Language of Science: How Different Disciplines Ask the Same Questions Differently

Panel Composition: Moderator (**Prof. E. S. Kannan, BITS-Pilani**), Faculty and Students

Discussion Focus: How problems are framed differently across disciplines: Methods, models and “language” of each field, Interdisciplinary communication challenges and what a student can learn from cross-disciplinary thinking?

Lunch Break

Valedictory (Best Poster Prizes, Best Panel Interaction Prize, Feedback & Summary, Vote of Thanks)

01:15 p.m. – 02:15 p.m.

02:15 p.m. – 03:30 p.m.

About the Conclave

The Interdisciplinary Student Science Conclave, themed "Science for Industry," aims to provide a dynamic platform for students and researchers from diverse scientific disciplines to explore the translation of scientific knowledge into industrial applications. The event promotes innovation, applied research, and meaningful interaction between academia and industry through expert talks, student presentations, and interactive sessions.

Registration fees: Rs. 200

Account details:

Account Name: PSGR Krishnammal College for Women

Bank Name: HDFC Bank Ltd

Account No.: 50100811268160

IFSC Code.: HDFC0001250

Address: Sreenivas Bavan,

1050 Avinashi Road
Near Anna Statue
Coimbatore-641018

UPI ID: psgrkrishnammalcolle.96181186@hdfcbank

Registration Link: <https://forms.gle/pjprYfEKkEqVQ5Au8>

For any queries, please contact: praveenag@psgrkcw.ac.in

