



Goa Vidyaprasarak Mandal's
Gopal Govind Poy Raiturcar College
of Commerce and Economics

Accredited by NAAC at B++ Grade with CGPA of 2.99 (3rd Cycle)

In collaboration with



Goa State Higher Education Council
Directorate of Higher Education
Government of Goa



organises

5th Edition Of

VIDNYAN DHARA 2026

A Mega Science Series to celebrate
National Science Day



13th January 2026
9.30 a.m. onwards

Venue: Library Reading Room



Dr. Maria Fernandes
Resource Person

Prof. Smita Sanzgiri
(Offg. Principal)

Dr. Geetanjali C. Achrekar
(Convenor - RDC)



Goa State Higher Education Council
Directorate of Higher Education
Government of Goa

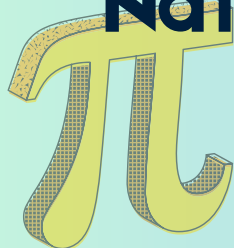


5th Edition Of

VIDNYAN DHARA 2026

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Vidnyan Dhara:

Journey of Growth & Impact

Launched in 2022, Vidnyan Dhara is a pioneering initiative aimed at igniting curiosity and deepening students' understanding of science, technology, and innovation. Built on a unique knowledge-sharing model, it bridges all educational levels – Scientists mentor University students, University faculty guide college students, and College faculty inspire school and higher secondary students – ensuring a continuous flow of scientific knowledge. Since its inception, Vidnyan Dhara has inspired scientific curiosity among students across Goa, expanding from 60 sessions to over 600 by 2025. With greater industry collaboration and hands-on learning, it bridges academia and research, nurturing young innovators and contributing to India's Viksit Bharat 2047 vision.



Guidelines for Host Institution

Scan to Register



Any High School, Higher Secondary School, College or University in the state can participate to host Vidnyan Dhara session. The Headmaster/Principal is requested to register their school via the provided Google link on or before November 15th, 2025.

Google link : <https://forms.gle/BQmtHuuqw3EaMDJr8>

- **Appointment of Coordinator:** Each participating school or higher secondary school must appoint a coordinator for Vidnyan Dhara 2026. **For colleges/** higher education institutions, the RDC coordinator may serve in this role.
- **Session Arrangements:** The coordinator shall handle all logistical aspects of the one-day session—venue setup, seating, and audio-visual requirements.
- **Resource Person Coordination:** Communicate with the assigned resource person well in advance to confirm the date, discuss content, and arrange any special requirements.
- **Feedback & Reporting:** For impact assessment, collect feedback from students and prepare a brief session report highlighting key takeaways and challenges. Submit this to GSHEC as suggested.
- **Coordination with GSHEC/DHE:** Maintain regular communication to update progress and seek guidance whenever needed.

Guidelines for Resource Person

Scan to Register



We are looking forward to your contribution to Vidnyan Dhara 2026

Who can be the resource person?

- Scientist from a research institute
- Science faculty from University/college
- Scientists and industry experts from R&D industry in science and technology sectors.

- **Session Type:** Resource persons are requested to conduct 2-4 sessions. The 2026 edition will focus on hands-on, activity-based demonstrations and interactive lectures that actively engage students. (Refer google form for details)
- **Scheduling:** Sessions will be scheduled based on the availability of the resource person. Resource person will have to conduct session at schools and higher secondary institutions across different talukas of Goa. (Host institutions will be assigned based on the taluka preferred by the resource person, subject to availability.)
- **Audience:** Sessions will be open to students from all discipline.
- **Coordination:** Resource persons shall coordinate with the designated coordinator at the host institution to ensure smooth execution of the session.
- **Time and Venue:** Sessions are scheduled from 10:00 a.m. to 11:30 a.m. Resource persons are expected to arrive early in order to set up and prepare for the session.
- **Honorarium:** An honorarium will be provided by GSHEC-DHE as per the approved norms.

Components of session

(For Resource Person)

To enhance the learning experience and ensure active participation of students, Vidnyan Dhara 2026 will feature sessions designed around multiple modes of scientific engagement.

Each Resource Person is encouraged to design their session based on **combination of minimum of three (3)** of the following components:

1. **Interactive Lecture / Talk** – Concept-based discussions aimed at stimulating curiosity and conceptual clarity.
2. **Hands-on Experiment / Demonstration** – Practical demonstrations that help students visualize and understand scientific principles.
3. **Science in Daily Life** – Connecting scientific concepts with real-world applications to make learning relatable.
4. **Emerging Trends and Innovations in Science** – Introducing students to new technologies, discoveries, and frontiers in research.
5. **Stories of Scientists and Discoveries** – Inspiring narratives highlighting scientific journeys, perseverance, and innovation.
6. **Skill-Based Sessions** – Activities that develop observation, measurement, problem-solving, and analytical skills.
7. **Creativity in Science** – Encouraging students to think innovatively through creative problem-solving or model-building.
8. **Documentary-Based Learning** – Use of visuals, short films, or multimedia resources to communicate scientific ideas effectively.

(**Example 1:** Interactive talk-60%, Hands-on-30%, Stories of Scientists and Discoveries -10%)

Example 2: Hands-on Experiment-60%, Science in Daily Life-20%, Creativity in Science-20%)

Important Dates

For Host Institution

**15th Nov
2025**

Deadline for Registration of Schools/Higher secondary schools/Colleges

For Resource Person

**15th Nov
2025**

Deadline for Registration as a Resource Person

**Tentative date
5th Dec
2025**

**Inauguration of 5th Edition
of "Vidnyan Dhara"**

**8th Dec 2025
to 28th Feb
2026**

**Sessions to be conducted at
schools/HSS/colleges as per
given schedule**

**Tentative date
6th March
2026**

**Valedictory Function of
"Vidnyan Dhara 2026"**

Our Contact



08322410824



vidnyandhara.dhegshec@gmail.com



<https://www.dhe.goa.gov.in>



**Goa Education Complex, Alto
Porvorim**

**GOA VIDYAPRASARAK MANDAL' S
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND
ECONOMICS
FARMAGUDI, PONDA-GOA**

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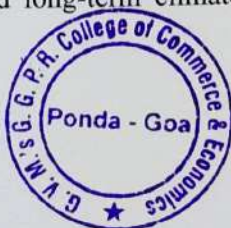
ACADEMIC YEAR: 2025-26

REPORT ON VIDNYAN DHARA 2026

On the occasion of Vidnyan Dhara 2026 – the 5th Edition, a guest lecture on the topic “How Ocean Sediments Tell a Story: A Geochemist’s View from India’s Exclusive Economic Zone (EEZ)” was organized on 13th January 2026 at 9.30 am by the Research and Development Cell of GVM’s Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda, Goa, in association with the Goa State Higher Education Council and the Directorate of Higher Education, Government of Goa. The session was attended by 74 students of FY and SY BCA. The session commenced with a formal welcome of the guest speaker, Dr. Maria Fernandes, from National Centre for Polar and Ocean Research. She was felicitated with a flower pot by the Officiating Principal, Prof. Smita Sanzgiri, as a token of appreciation. Dr. Geetanjali .C. Archrekar, Convenor of the Research and Development Cell, then introduced the guest speaker, highlighting her academic credentials and significant contributions to her field.



The lecture delivered by Dr. Maria Fernandes, a distinguished scientist, aimed to enhance awareness about marine sciences and the importance of geochemical studies in understanding oceanic and climatic processes. Dr. Maria Fernandes explained how ocean sediments function as natural archives, preserving vital information related to past climatic conditions, ocean circulation patterns, tectonic activities, and biological productivity. She elaborated on how geochemical analysis of sediment samples enables scientists to reconstruct environmental changes over geological time scales. Special emphasis was laid on India’s Exclusive Economic Zone (EEZ), which encompasses vast marine areas rich in sedimentary deposits. Dr. Fernandes discussed how sediment samples collected from the seabed help in understanding monsoon variability, ocean productivity, and long-term climate change. She also explained various



geochemical tools and techniques, including elemental and isotopic analysis, used in marine research.

Towards the conclusion of the lecture, Dr. Maria Fernandes shared videos and visual documentation of oceanographic fieldwork, offering students a rare glimpse into the practical aspects of marine research. The videos showcased how researchers spend several days aboard scientific vessels in the open ocean and use specialised instruments to collect water samples, ocean sediments, and microscopic particles from the ocean surface, highlighting the challenges involved in such scientific expeditions. The lecture further highlighted the practical applications of ocean sediment studies in marine resource exploration, environmental monitoring, and sustainable ocean management. The speaker stressed the relevance of such research in informed policymaking, particularly in the context of climate change and marine conservation. The session was highly informative and interactive. Students actively participated by raising questions related to research methodologies, fieldwork experiences, and career opportunities in geochemistry and ocean sciences. The lecture proved to be intellectually enriching and encouraged interdisciplinary scientific learning.

The programme concluded with a vote of thanks, expressing sincere gratitude to Dr. Maria Fernandes for her insightful presentation and to the organizers for successfully conducting the academic event.



Smita S. Sanzgiri

Prof.(Dr.) Smita S. Sanzgiri
Offg. Principal



Geetanjali C. Archrekar

Dr. Geetanjali.C. Archrekar
Convenor, R&D Cell



(ESTD.: June 1986)

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Library : gvmcommercecollege.ac.in/library

Date: 12/01/2026

NOTICE

As a part of "Vidnyan Dhara 2026", Fifth edition, a Mega Series of Scientific sessions for students of all disciplines, the Goa State Higher Education Council (GSHEC), Directorate of Higher Education (DHE) in association with Research and Development Cell (RDC) of our college is organising a talk on the topic "**How Ocean Sediments Tell Stories: A Geochemist's View from India's Exclusive Economic Zone**" by resource person Dr. Maria Fernandes, Project Scientist I, Department of Deep Sea Exploration at the National Centre for Polar and Ocean Research (NCPOR), Goa, on Tuesday, 13th January 2026 at 10:00 a.m. onwards in Library reading room.

All F.Y. and S.Y.B.C.A. students are informed to attend the session and faculty who are free are kindly requested to join as well.

Dr. Smita S. Sanzgiri
OFFG. PRINCIPAL



Dr. Geetanjali C. Achrekar
Convenor,
Research and Development Cell

sn/-



(ESTD.: June 1986)

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Library : gvmcommercecollege.ac.in/library

Ref: GVMCCE/Talk/2025-26/ 693

Date: 13/01/2026

To

Dr. Maria Fernandes,

Project Scientist I,

Department of Deep Sea Exploration,

National Centre for Polar and Ocean Research (NCPOR) Goa.

SUB: Letter of Appreciation

Madam,

On behalf of Institution, the Research and Development Cell (RDC) and the organizing committee of Vidnyan Dhara 2026, we extend our sincere gratitude for your invaluable contribution as the Resource Person for delivering an insightful talk on "**How Ocean Sediments Tell Stories: A Geochemist's View from India's Exclusive Economic Zone**".

Your expert knowledge and engaging presentation greatly enriched the fifth edition of this Mega Series of Scientific Sessions, organized by the Goa State Higher Education Council (GSHEC) and the Directorate of Higher Education (DHE). The session held on Tuesday, 13th January 2026, at 10:00 a.m. in the Library Reading Room was highly informative and greatly appreciated by students and faculty across disciplines.

We truly appreciate your dedication and look forward to future collaborations.

Thanking you,

Yours faithfully,

Dr. Smita S. Sanzgiri
OFFG. PRINCIPAL

sn/-