

ABOUT THE COLLEGE

The genesis of Pattamundai College dates back to the sixties of the last century when its foundation was laid on 1st June, 1967, though it started functioning since 5th July of 1970. This locality, a breadbasket of the district, turned proverbially backward both socially and economically as it became the continual haunt of natural calamities like cyclone, flood and drought, as it is even now, and there was no scope at all for higher education, the obvious catalyst for socio-economic transformation. The only college is at Kendrapara, 20 kms away and logistically disadvantageous for access then, had limited scope to cater to the academic need of the aspiring young college-goers of this vast locality. At this crucial juncture, a team of education lovers and activists starting with some college students of this land in Cuttack city, to the local activists and enthusiasts from the social gentry, came forward for establishment of a college for the benefit of all concerned. Launched as an Arts college with only 128 students, it has grown to its present premier position with two other streams of Science and Commerce and 1475 students on its rolls with 15 programs at UG level. With an eventful history of 55 years and a picturesque sprawling campus of 14.6 acres, it is indeed a testimony to the dream and sacrifice of our predecessors. Its alumni, globally positioned today are its identity markers and this institution has been playing a pivotal role in development of its satellite localities. Affiliated permanently to Utkal University, this college has been listed under 2(f) and 12 B of the UGC Act vouchsafing its academic standard and administrative acumen. The addition of new buildings, hostels, library, laboratories and playground over the years has not only given a new dimension to its infrastructure but also has facilitated the expansion of curricular and extra-curricular horizons. Quite ahead of its contemporaries, it has adopted new technology of ICT facilities, library automation, Wi-Fi campus, online classes, green initiatives, etc. by adopting the modern change to meet the expectation of its stakeholders.

VISION

Vision of the college is to make higher education qualitative and value based for the socio-economic transformation of the nation. To instill a sense of discipline and morality among the student's community for the making the students socially responsible citizens.

MISSION OF THE COLLEGE

To grow into an institution of excellence and exemplary at the university level to provide literary, scientific, professional and technical education to the aspiring rural youth at a minimum cost. To be recognized as an institution with proven capacity to provide quality education in Science, Commerce & Arts. To create symbiotic relationship with the society to meet the changing needs to introduce self-financing courses in multidisciplinary area. To adopt continues measures to improve the quality of the programme. To provide need-based career-oriented courses to the needs of the society to involve the alumni for all round development of the college.

GENESIS OF THE DEPARTMENT

Pattamundai College, Pattamundai is a leading Degree College in the State imparting education in Arts, Science & Commerce Stream at Degree level. The college has successfully completed 55 years of its existence producing many bright scholars in different field. The Department of Botany also has a bright academic record since its inception. The department is constantly maintaining a 99% result in the examination conducted by Utkal University. The department

annually conduct student seminar, extramural seminar, State level seminar, Mentor-Mentee Programme, Add-on Courses, Field visit to reputed institutions etc. The department has conducted UGC sponsored State level seminar “Recent Advances in Biological Sciences for Sustainable Environment”(2019-20), “Utilization of bio-resources for sustainable development”(2023-24), “Mangrove ecosystems and their roles in conservation and protection of Coastal Environment”(2024-25) Add-on Course on “Mushroom Cultivation” in 2022-23 and “Development of Ornamental Garden” in 2023-24. Many of the students of the department have secured important position pursuing career in Botany, which is available in the webpage of the institution www.pattamundaicollege.ac.in. The students of this department have excellency in different competition at college and inter college level. The faculties of this department are constantly updating their knowledge by joining national seminar, workshop, refresher course, FDP, short term course organised by prime educational institution of India. The department is well equipped with modern ICT facilities like LCD Projector, Computer Lab, Laptop etc. for benefit of the students. Currently Dr. Anjali Kumari Dash is heading the department with other faculty members Mrs. Suchismita Biswal and Mr. Abhimanyu Mohanty. The seat strength of the department is sixteen at hons.

ABOUT THE PROGRAMME, THEME & OBJECTIVES

Bioprospecting and Bioresource Management strategies

Bioprospecting and bioresource management focus on the ethical exploration and sustainable utilization of nature's genetic and biochemical resources for human benefit while ensuring the long-term health of the environment. The primary aim of bioprospecting is to discover and commercialize new products derived from biological sources such as plants, microorganisms, and marine organisms. Key focus areas include Scientific Innovation, identifying novel chemical compounds and genes for use in pharmaceuticals, agriculture, cosmetics, and industrial processes. Economic development is generating revenue and creating employment opportunities, especially for biodiversity-rich but technologically developing nations. The core objectives are governed by international frameworks like the Convention on protecting species and ecosystems from extinction by highlighting their potential economic and medicinal utility, ensuring that the extraction and utilization of biological resources do not lead to their depletion or cause significant environmental damage. The benefits—both monetary (royalties, fees) and non-monetary (technology transfer, training)—should be shared with the countries and local communities that provide the resources. It aims Protection of Traditional Knowledge, respecting and documenting the heritage of indigenous communities to prevent bio piracy. It also aims biotechnological Capacity Building, promoting the transfer of advanced research technologies and scientific knowledge between nations.

CALL FOR PAPER & GUIDE LINES

Research Articles/Papers on various aspects related to mangrove ecosystem are invited in the form of original works from the researchers, teachers, research scholars, social workers and students. Two hard copies and one soft copy (CD) of full paper are to be submitted. Medium of research paper can be in English only in MS-word (Times New Roman font size 12 having 1.5spacing). Authors are requested to follow strictly the specification given below without which it would be very difficult for the selection of papers for publication. Submission of abstracts and the research papers should be submitted with the following information and in this order

- Title of Abstract
- Name & Designation of Author(s)

- **Institutional affiliation**
- **E-mail address**
- **Mobile Number**
- **Body of Abstract**
- **Key Words alphabetically.**

The abstract should not exceed three hundred words (300 Words) and a full paper not more than three thousand words (3000 words).

Authors are requested to kindly send the abstracts and full papers through E-mail ID.

ACCOMMODATION

Free accommodation of outstation participants will be provided at Hostels & Guest Houses with prior intimation to Sri Abhimanyu Mohanty, Demonstrator in Botany, Mob: 9937892556

CHIEF PATRON

Prof. Umakanta Patra, Principal

ADVISORY COMMITTEE

1. Sri Basudev Swain, HOD in Botany, Aul College, Aul
2. Dr. Ramesh Kumar Sahoo, HOD, Physics
3. Dr. Sunil Kumar Pradhan, HOD, Chemistry
4. Prof. Sarojini Mishra, HOD, Zoology
5. Prof. Subhashis Mishra, IQAC Coordinator, Pattamundai College
6. Prof. Sarbeswar Sahoo, Administrative Bursar
7. Capt. Manoj Parida, HOD, Sociology
8. Prof. Arabinda Pandab, HOD, Mathematics
9. Prof. Pramod Kumar Swain, HOD, Odia
10. Prof. Bharat Bhusan Sahu, HOD, Commerce

ORGANISING COMMITTEE

1. Dr. Anjali Kumari Dash, HOD, Botany (Convener)
2. Mrs. Suchismita Biswal (Co-ordinator)
3. Prof. Baikuntha Charan Roul, Reader in Physics
4. Prof. Srimanta Kumar Jena, HOD, Philosophy
5. Prof. Ranjan Kumar Gahan, Lecturer in Chemistry
6. Prof. Jitendra Malik, IQAC, Member
7. Prof. Ranjan Kumar Behura, HOD, History

8. Prof. Ranjan Kumar Behera, Lect. in Commerce
9. Dr. Manas Kumar Nayak, Lecturer in English
10. Prof. Saroj Kumar Nayak, Lecturer in English
11. Dr. Nibedita Pradhan, HOD, Political Science
12. Mr. Gokul Chandra Dash, Demonstrator in Chemistry
13. Mr. Abhimanyu Mohanty, Demonstrator in Botany

INVITED SPAEKERS

1. Prof. Dr. Pradipta Kumar Mohapatra

Visiting Professor and former Head
Department of Botany
Ravenshaw University, Cuttack



2. Prof. Dr. Chandi Charan Rath

Professor in Life Sciences and Vice Chancellor
Rama Devi University, Bhubaneswar



3. Dr. Nabin Kumar Dhal

Chief Scientist and Head
Environment and Sustainability Dept.
IMMT, Bhubaneswar



4. Dr. Taranisen Panda

Ex. Principal and Reader in Botany
Chandabali College, Chandabali





Invitation

Sir/Madam,

It gives us immense pleasure to inform you that the Department of Botany, Pattamundai College, Pattamundai, Kendrapara, is going to organise a **State Level Seminar** on “**Bioprospecting and Bioresource Management Strategies**” at **10.30 am** on **4th February 2026** in the Auditorium of the College. On this occasion we would like to invite you to participate and contribute research papers for this seminar.

Your presence and participation will make the occasion more meaningful and successful.

With Warm Regards

Coordinator

Mrs. Suchismita Biswal

Faculty, Botany

Convener

Dr. Anjali Kumari Dash

HOD, Botany

Chief Patron /Principal

Prof. Umakanta Patra

CONTACT PERSON

Dr. Anjali Kumari Dash

HOD, Botany

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