

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 at Kendrapara, some 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 50 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 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; Humanities. 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 53 years of its existence producing many bright scholars in different field. The Department of Zoology also has a bright academic record since its inception .The department is constantly maintaining a 95% result in the examination conducted by Utkal University. The department annually conduct student seminar, extramural seminar, State level seminar, Animal Rights Day , Mentor-Mentee Progarmme, Add-on-Courses ,Field visit to eminent institutions etc. The department has conducted UGC sponsored State level seminar “Stress Management” (2020), Add-on Course on Vermicomposting from 2022 . Many of the students of the department have secured important position pursuing career in Zoology, which is available in the webpage of the institution www.pattamundaicollege.ac.in /Alumni Registration. The student of this department has excelled 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 primer educational institution of India. The department is well equipped with modern ICT facilities like LCD Projector, Computer Lab, Laptops etc for benefit of the students. Till date Prof Goura Prasad Sarangi, Prof Dillip Kumar Bhuyan has served the department for a long time. Currently Prof Sarojini Mishra is heading the department with other faculty member Sajjan Kumar Barik and Ganeswar Das.The seat strength of the department is sixteen at honours stage.

ABOUT THE PROGRAMME THEME & OBJECTIVES

Wild Life Prospective in Odisha

Every now and then we get to see news about human-wild animal conflict resulting inhuman beings being attacked by wild animals or wild animals being attacked/ killed by human beings. Such news, often captioned as breaking news tend to send a wrong message and people safely conclude that number of wild animal has increased in forests, for which they are entering into human habitations. As we all know, forest provides food, water and shelter, the basic needs, to the wild animals. The exploding human and domestic live stock population have resulted in competition with the wild animals for same natural resources. People have been living with wild animals from time immemorial. Though man-animal conflict is emerging seriously it is possible for the man to coexist with wild animals provided a little attention is given to know the habits, behaviour, active time and basic requirements of wild animals coming to our vicinity. We should have compassion, mercy and love for them if at all we desire to conserve them. Best way of avoiding a conflict is to keep distance from the wild animals and to allow them space that they require and deserve. They must be safely driven to forested tracts without tea sing or causing any injury to them. Using barriers around villages can also act in restricting entry of wild animals. When any wild animal enters into a village area, people should inform the nearest forest station and keep patience till its rescue is completed by trained staff of the Forest Department. The law of our country for protection of wildlife is enabling provisions for conservation and protection of wild animals. After all the wild animals have the same right like

human beings to live on the earth and enjoy the natural resources. They all have certain roles to play for our ecosystem, which we may not know. We must respect their right to live. We cannot allow the situation of man-animal conflict to reach a stage wherein all wild animals are wiped out because it will influence an ecological catastrophe. Proper education on wildlife conservation to the people, especially to the students on the subject is key to find a solution.

Aquaponics- A Sustainable Indoor Farming

Aquaponics is an eco-friendly system for food production utilizing aquaculture and hydroponics to cultivate fish and crop without soil. It is an inexpensive symbiotic cycle between the fish and plant. In an aquaponic system, fish waste (ammonia) is fed into the plant bed which acts as a bio-filter and takes the nitrate which is essential to grow vegetation. The fresh new water is then returned to the fish enclosure to restart the cycle. A unique advantage of an aquaponic system is conserving water more effectively compared to traditional irrigation systems. Conservation of water is accomplished by recirculating water between the plant bed and the fish habitat continuously. Organic fertilization of plants using dissolved fish waste is the other benefit of aquaponics. Utilizing plants as a natural alternative to other filters, requires less monitoring of water quality. In our project, an aquaponics system was designed and built at Centurion University for skillStudies. The future purpose of our project is finding an optimized situation for the aquaponics system to produce food and save water more efficiently and eco-friendly.

CALL FOR PAPER & GUIDE LINES

Research Papers/Papers 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 Roman font size 12.5 having 1.5 spacings). 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 paper should be submitted with the following information and in this order

- Title of Abstract
- Name & Designation of Authors(s)
- Institutional affiliation
- E-mail address
- Mob- 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

For free accommodation of out station participants ,Rooms will be provided at Hostels & Guest Houses with prior Intimation to Sri Ganeswar Das, Mob: 9937653316, E-mail Id:sarojinimishra7191@gmail.com

CHIEF PATRON

Prof. Dillip Kumar Bhuyan, Principal

ADVISORY COMMITTEE

1. Dr Ramesh Kumar Sahoo, HOD,Physics
2. Dr Dushasan Parida,HOD,Chemistry
3. Dr Anjali Kumari Dash,HOD,Botany
4. Dr. Sunil Kumar Pradhan, IQAC Coordinator, Pattamundai College
5. Dr. Fakir Chandra Pradhan, Coordinator Add-On-Courses, Pattamundai College
6. Prof Anusaya Behera, HOD Zoology, S.S.J College,Rajnagar, Kendrapara.
7. Prof Sarbeswatr Sahoo, Administrative Bursar.
8. Dr Premalata Rout, Academic Bursar
9. Capt Manoj Parida, HOD ,Sociology
10. Prof Arabinda Pandab ,HOD Mathematics
11. Mrs Nibedita Nayak, HOD, Education

ORGANISING COMMITTEE

1. Mrs Sarojini Mishra , HOD, Zoology ,(Convenor)
2. Dr Anjali Kumari Dash, HOD, Botany (Co-ordinator)
3. Prof Ranjit Kumar Senapati, Reader in Sociology
4. Prof Srimanta Kumar Jena, HOD,Philosophy
5. Prof Ranjan Kumar Gahan, Lecturer in Chemistry
6. Prof Subhasis Mishra, IQAC, Member
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8. Prof Ranjan Kumar Behura, HOD,History
9. Prof Ranjan Kumar Behera, HOD, Commerce

10. Prof Saroj Kumar Nayak, Lecturer in English
11. Miss Simangini Das, Lect. in Pol. Sc.
12. Mrs Suchismita Biswal, Lect. in Botany.
13. Miss Namita Behera, Lect . in Education
14. Mr Ganeswar Das, Demon. In Zoology
15. Mr Sajjan Kumar Barik, Lect. in Zoology (Co-convener)

INVITED SPAEKERS

1. Prof (Dr) Siba Prasad Parida, , Department of Zoology, Centurion University of Technology & Management , Bhubanerswar, Odisha



2. Dr Yashaswi Nayak, Associate Professor & Dean, Department of Zoology, Centurion University of Technology & Management , Bhubanerswar, Odisha



Invitation

Sir/Madam,

It gives us immense pleasure to inform you that the Department of Zoology, Pattamundai College, Pattamundai, Kendrapara, is going to organise a **state level seminar** in Zoology on “**Wild Life Prospective in Odisha & Aquaponics- A Sustainable Indoor Farming**” at **10.30 AM** on **08th February, 2024** in the Auditorium Hall of the College.

So, we would like to invite you to participate and contribute research papers in this seminar.

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

With Warm Regards.

Coordinator

Dr (Miss) Anjali Kumari Dash

HOD, Botany

Convener

Mrs Sarojini Mishra

HOD, Zoology

Chief Patron /Principal

Prof. Dillip Kumar Bhuyan

Principal

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