



PROF. DR. NANDINI VAZ FERNANDES

PROFESSOR & HEAD,
DEPARTMENT OF ZOOLOGY

TEACHING EXPERIENCE - 1996 TILL DATE

AREA OF EXPERTISE

1) HUMAN GENETICS:

- o Cytogenetics / Karyotyping.
- o Cancer
- o Birth defects
- o Miscarriages /infertility.
- o Genetic Toxicology

2) EPIDEMIOLOGY:

- o Autism
- o Breast cancer
- o Cancers
- o Disorders in human population.

3) BIODIVERSITY:

- o Avifauna
- o Documentation of Diversity

4) TEACHING-LEARNING PEDAGOGIES:

- o Blooms Taxonomy in teaching
- o Problem based Learning
- o Evaluation modes (Blooms taxonomy)

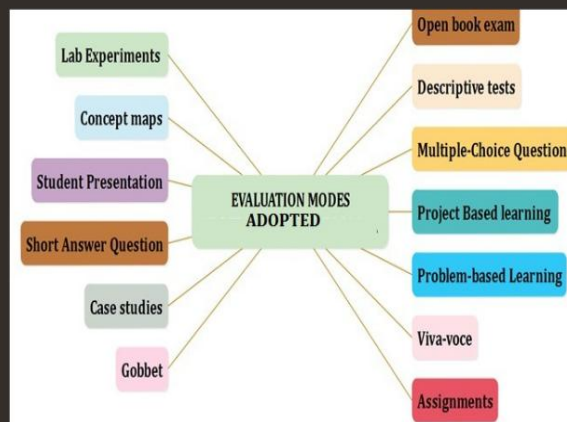
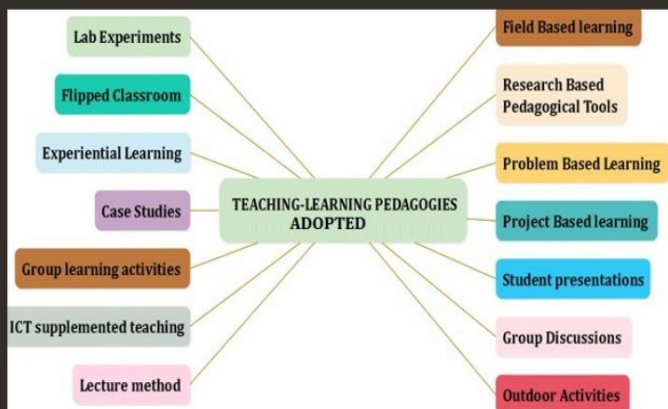
RESEARCH PROFILE

- 1) WORKSHOPS/ CONFERENCES/SEMINARS ATTENDED: 76
- 2) WORKSHOPS/ CONFERENCES/SEMINARS ORGANIZED: 44
- 3) INVITED AS RESOURCE PERSON: 76
- 4) RESEARCH PAPERS PRESENTED: 10
- 5) RESEARCH PAPERS PUBLISHED: 22
- 6) BOOKS /CHAPTERS PUBLISHED: 07
- 7) TRAININGS' UNDERGONE: 10
- 8) EDITORIAL BOARD / REVIEWER: 09
- 9) MEMBERSHIPS: 09 BODIES
- 10) AWARDS/RECOGNITIONS RECEIVED: 11
- 11) RESEARCH PROJECTS: 10
- 12) CONSULTANCY WORKS COMPLETED: 08

POSITIONS HELD

- DEAN- Faculty of Life Sciences (2018-2021)
- Chairman BOS Zoology Chowgule College- 2018 till date.
- Member, BOS Zoology - Goa University (2012-2018)
- Central Assessment panel of Goa University examinations (2009-2019)
- NIRF Coordinator - 2017-18/2018-19.
- Convenor Research Committee PCCAS - 2015-2020
- Coordinator - Post Graduate Diploma -PGDCGMLT (2008-2022)
- NAAC Criterion II Coordinator (Teaching-Learning) - 3RD Cycle of Accreditation 2013.
- NAAC Criterion III Coordinator (Research) - 4th Cycle of Accreditation 2021.
- Member Secretary - Institutional Ethical committee (2018-2021).
- Member of IQAC
- DBT Star College Scheme-Overall College Coordinator (2018 - Aug 2021)
- BOS Member (Shivaji University-Kholapur)
- Advisory Board Member - PRAKRUTI GROUP, MANIPAL
- Advisory Board Member- DBT Star-ASC, Lanza Maharashtra
- Advisory Board Member- DBT Star-ST.Xaviers, Mapusa

TEACHING-LEARNING EVALUATIONS PEDAGOGIES ADOPTED



RESEARCH PROJECTS/GRANTS

1. Paternal alcohol consumption - Sperm analysis and DNA damage studies(UGC).
2. Heavy metal bioaccumulation and genotoxicity studies of fishes exposed to mining effluents in Goa(DST, Govt.of India)
3. Evaluation of Effectiveness of Methodologies Used in Conducting Practicals of Graduate and Undergraduates Courses in Biological Sciences”(DHE, Govt. of Goa).
4. DBT Star College Scheme - as college coordinator(DBT)
5. Grant for Organizing Conference: National Conference on “Wetland Conservation: Approaches and Threats’ (MSI & GSWA).
6. Grant for Conducting Certificate Course: ‘Wildlife Monitoring Techniques’(DHE, Govt.of Goa)
7. Grant for Organizing Workshop: ‘Research Based Pedagogical Tools’ (IISER, Pune)
8. Project on ‘Wildlife Activity monitoring’ App development (Goa Forest Dept. Govt.of Goa).
9. Preparing Management Plan for Bondla Wildlife Sanctuary (Goa Forest Dept. Govt.of Goa).
10. Grants for organising PreBird Festival (Goa Forest Dept. Govt.of Goa).

RESEARCH PUBLICATIONS

PAPERS PRESENTED: 10

PAPERS PUBLISHED: 26

BOOKS & CHAPTERS PUBLISHED: 07

AWARDS & ACHIEVEMENTS

BEST TEACHER AWARDS

Received 04 'Best Teacher Awards' instituted by College Management based on the highest Academic Performance Indicator (API) scores of three consecutive years amongst faculty of Chowgule College:

- 1) 'Best Teacher Award for Excellence in Research and Consultancy'- 2012.
- 2) 'Best Teacher Award for Student related Activities' - 2014.
- 3) 'Cornerstone Award for Excellence in Research and Consultancy' - 2016.
- 4) 'Cornerstone Award for Student related activities'- 2018.

OTHER AWARDS:

5) Best College Magazine Editor: For Annual college magazine Vidya-2013-2014 by Damodar College.

BEST PAPER AWARDS:

6) 05 Best paper Presentation Awards at National Level conferences.

CONSULTANCY WORKS

- MEMBER OF TSG- GOA STATE BIODIVERSITY BOARD, GOVT. OF GOA.

- PEOPLE'S BIODIVERSITY REGISTER -CHANDOR
- PEOPLE'S BIODIVERSITY REGISTER -CURTORIM
- BIODIVERSITY HERITAGE SITE - CURTORIM

- GOA FOREST DEPARTMENT:

- BONDLA WILDLIFE MANAGEMENT PLAN
- APP BASED MONITORING OF WILDLIFE ACTIVITIES
- COMMITTEE - BIRD FESTIVAL
- COMMITTEE- WILDLIFE WEEK CELEBRATION

GOVT. OF GOA:

- POLICY DOCUMENT ON MINING (GOVT.OF GOA)
- ECONOMIC REVIVAL PLAN FOR CHANDOR (DHE-GIPARD)

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