



***BOTANY***

***BOLIVIA***

# *DEPARTMENT OF BOTANY*

## A BRIEF HISTORY AND REPORT

22<sup>nd</sup> Feb, 1981 is a red-letter day for the People of the DERABISH region on that day a public meeting was convened at Derabish high school by **Sri. SADANANDA BEDANTA**, a pattern of higher education for the opening of a college in order to cater the higher educational needs of the local people and the concept of Derabish college took place in the meeting the college got affiliation in +3 science with botany Honours with 16 seats in the year 2016.

The unique distinction of the department is that it is first science stream Honours belong opened in 2016 at that year **Dr. Debabrata Nayak** reader in botany was the head of the department. The department has mentioned it is intellectual traditional of holding regular seminar, cultural activities in science, exhibition, welcome ceremony, farewell ceremony the students and members of the stap find there please to be the part of this department which is as old as the history of science stream of college the department has it is own library having more than 200 books. the teacher has also guided the students about moral and spiritual development. With a healthy and peaceful life

## ***YEAR OF ESTABLISHMENT***

UG DEPARTMENT OF BOTANY: 2016

COURSE OFFERED: Honors -14 paper (core)

DSE-04 paper

GE-04 paper

Syllabus Adopted: Choice Based Credit System(CBCS), NEP

## ***VISION OF DEPARTMENT***

Attempt is to prepare students for live long learning by drawing attention to the vast world of knowledge of Plants and indicating to the methodology of systematic academic enquiry. With this in mind, we aim to provide a firm

## ***MISSION OF DEPARTMENT***

- To know the importance and scope of Botany.
- To impart Knowledge of science as the basic objective of education.
- To develop a scientific attitude to make students open minded, Critical & Curious. To expose themselves to the diversity amongst live forums.
- To make aware of natural resources and Environment and the importance of conserving it.
- To develop the ability for the application of acquired knowledge in the field's work. So as to make our country self-Reliant and self-sufficient.

## FACULTY PROFILE

Sl.no	Name of the teaching staff	Designation	Qualification	Teaching experience in period
01	Dr. Debabrata Nayak	Reader	M.Sc, B.Ed, Ph.D	31yrs
02	Mr. Bhakti Prasad Rath	Demonstrator	B.Sc	25 yrs.
03	Mrs. Shubhasini Mishra	Lecturer	M.Sc, B.Ed	06 yrs.
04	Saswati Anuradha kar	Lecturer	M.Sc	01yrs.
05	Dr. Sushri Priyadarshini Panda	Lecturer	M.Sc, M.Phil, Ph.D	06 yrs.

## DETAILS OF FACULTY- 01

**Name:** Dr. Debabrata Nayak

**Department:** Botany

**College:** Derabish College

**Designation:** Reader

**Qualification:** M.Sc, B.Ed, Ph.D

**Mail id:** debabratnayak.1963@gmail.com

**Mobile Number:** 7008973443, 9437609267

**Teaching Experiences:** 31 Years

**Area of Specialization:** Microbiology

**Course and Subject taught:** U.G

**Workshop:** 03

**Seminar:** 03

**Conferences:** 04

**Orientation Program:** 04

**Area of Interest (Academic):** Administrative

**Area of Interest (Non Academic):** Knowledge of Ayurvedic Medicines



## DETAILS OF FACULTY- 02

**Name:** Mr. Bhakti Prasad Rath

**Department:** Botany

**College:** Derabish College

**Designation:** Domonstrator

**Qualification:** B.Sc

**Mail id:**

**Mobile Number:** 9692902744

**Teaching Experiences:** 20 Years

**Area of Specialization:** Nil

**Course and Subject taught:** U.G

**Workshop:** Nil

**Conference:** Nil

**Seminar:** Nil

**Orientation Program:** Nil

**Area of Interest (Academic):** Background Information

**Area of Interest (Non Academic):** Writing Poems and Story



## DETAILS OF FACULTY- 03

**Name:** Subhasini Mishra

**Department:** Botany

**College:** Derabish College

**Designation:** Lecturer

**Qualification:** M.Sc, B. Ed

**Mail id:** mishrasubhasini82@gmail.com

**Mobile Number:** 9437304657

**Teaching Experiences:** 06 Years

**Area of Specialization:** Biotechnology

**Course and Subject taught:** U.G

**Workshop:** 01

**Conference:** 02

**Seminar:** 03

**Orientation Program:** 02

**Area of Interest (Academic):** Cultural and Sports events at college

**Area of Interest (Non Academic):** Program related to Yoga, Meditation and spiritual knowledge



## DETAILS OF FACULTY- 04

**Name:** Mrs. Saswati Anuradha

**Department:** Botany

**College:** Derabish College

**Designation:** Lecturer

**Qualification:** M.Sc, B. Ed

**Mail id:** karanuradha99@gmail.com

**Mobile Number:** 7606950811

**Teaching Experiences:** 01 Years

**Area of Specialization:** Mycology

**Course and Subject taught:** U.G

**Workshop:** 01

**Conference:** 01

**Seminar:** 01

**Orientation Program:** 01

**Area of Interest (Academic):** Dance, Song and Art competition at college

**Area of Interest (Non Academic):** Yoga, Meditation





## DETAILS OF FACULTY- 05

**Name:** Dr. Sushri Priyadarshini Panda

**Mail id:** ripipanda@gmail.com

**Mobile Number:** 8249545671

**Department:** Botany

**College:** Derabish College

**Designation:** Lecturer (SSB)



**Educational Qualification:** M.Sc, M.Phil, Ph.D

Examination	Discipline	Institute	Board/University	Year of passing	Division/Percentage of Mark obtained
Ph.D	Life Sciences	School of Life Sciences	Sambalpur University	2021	Awarded on 10.8.2021
M.Phil.	Life Sciences	School of Life Sciences	Sambalpur University	2013	First (84%)
M.sc.	Life Sciences (Botany)	School of Life Sciences	Sambalpur University	2012	First (74%)
B.Sc.	(Botany Honours)	GM college (Auto), Sambalpur	Sambalpur University	2010	First class Honours with distinction (Aggregate 67.61% and 74% in Honours)
Intermediate	Science(PCB M)	Govt. Womens College, Sambalpur	CHSE, Odisha	2007	First (60%)
Matriculation	All compulsory subjects	Govt. Girls' High School, Binka	BSE, Odisha	2005	First (82%)

## **AWARDS AND RECOGNITION**

1. Award of **Biju Pattnaik Research fellowship** from Department of Science and Technology, Govt. Of Odisha for pursuing Doctoral Research on July, 2016.
2. **Prof AB Dash Award** for the year 2011 from Alumni association, School of Life Sciences, Sambalpur University for securing highest mark in Biochemistry paper of M. Sc. Life Sciences Examination-2011
3. **Best poster presenter** on 2 day National conference on Current Research Trends in Biotechnology, Bioinformatics and Intellectual Property Management 2020, Department of Biotechnology and Bioinformatics, Sambalpur University , Jyoti Vihar, Burla. March 3-4, 2020

## **SPECIAL TRAINING RECEIVED**

- Received training on Bioinformatics and analysis of Next Generation Sequencing data by ICAR-National Bureau of Fish Genetic Resources (**ICARNBFGR**), Lucknow.
- Genomics for microbial diversity and Taxonomy by National Institute of Technology (NIT) Rourkela.
- Tools used in Research methodology by Sambalpur University, Art of Academic writing and Publication skills by Gangadhar Meher University, Sambalpur.
- Conversant with molecular biology techniques like PCR, Isolation and Characterization of chromosomal and Plasmid DNA, PCR, Tools used in diagnostic microbiology, Screening for biofilm formation and characterization of extracellular molecules associated with biofilm production as well as gene expression during biofilm production, molecular docking and drug interaction studies.

## **WORKING EXPERIENCE**

1. Working as Lecturer in Botany from Dt.23.07.2013 to 26.08.2016 at Siddhartha Higher Secondary School, Binka, Subarnapur.
2. Working as Junior Research Fellow (BPRF) from DT. 01.07. 2016 to 31.7.2018 at , Labrotory of Medical Microbiology, Department of Biotechnology and Bioinformatics, Sambalpur University.
3. Working as Senior Research Fellow (BPRF) from DT. 31.7.2018 to 1.07. 2019 at Labrotory of Medical Microbiology, School of Life Sciences, Sambalpur University
4. Working as Assistant professor (Guest faculty) from August 3, 2019 to March 10,2020 at School of Botany, Gangadhar Meher University, Sambalpur.

## **SPECIAL TRAINING RECEIVED**

- Received training on Bioinformatics and analysis of Next Generation Sequencing data by ICAR-National Bureau of Fish Genetic Resources (**ICARNBFGR**), Lucknow.
- Genomics for microbial diversity and Taxonomy by National Institute of Technology (NIT) Rourkela.
- Tools used in Research methodology by Sambalpur University, Art of Academic writing and Publication skills by Gangadhar Meher University, Sambalpur.
- Conversant with molecular biology techniques like PCR, Isolation and Characterization of chromosomal and Plasmid DNA, PCR, Tools used in diagnostic microbiology, Screening for biofilm formation and characterization of extracellular molecules associated with biofilm production as well as gene expression during biofilm production, molecular docking and drug interaction studies.

## **AREA OF RESEARCH INTEREST**

- Medical Microbiology, Biofilm and Biofilm associated molecules and gene expression in Biofilm forming clinical isolates.

## **CONFERENCE S**

1. **Sushri Priyadarshini Panda** and Smaranika Pattnaik Presented a Paper entitled Role of quorum sensing on drug resistance among MDR nosocomial bacterial strains on 54th Annual Conference of Association of Microbiologists of India & International Symposium on “Frontier Discoveries and innovations in Microbiology and its interdisciplinary relevance” organised by Dept of Microbiology, MDU, Rohtak , Nov 17 -20 ,2013

2. **Sushri Priyadarshini Panda** and Smaranika Pattnaik ,Presented a Paper entitled Screening for biofilm formation in MDR bacterial strains isolated from urinary tract infection on 57th Annual Conference of AMI & International Symposium On “Microbes and Biosphere: What’s New and What’s Next,Guwahati University, Nov 24 -27,2016

3. **Sushri Priyadarshini Panda** presented a paper entitled The future of sustainable diet with pulses International Conference on Climate Change and Sustainable Development,organised by PG Department of Geography and PG Department of Botany, GMU in Collaboration with Odisha State Open University, Sambalpur on Mar 18 -19,2017

4. **Sushri Priyadarshini Panda** and Smaranika Pattnaik Presented a Paper entitled Screening for biofilm formation in nosocomial bacterial strains on National Seminar On Environmental Sustainability & Industrial Growth organised by P.G. Department of Zoology, Gangadhar Meher University, Sambalpur on Mar2-3,2017

5 **Sushri Priyadarshini Panda** and Smaranika Pattnaik present eda paper entitled **Screening for antibiofilm activity of orange oil against *Klebsiella pneumonia* (BMK1-3) on National Seminar on ‘Science and Technology for environmental security’** On the occasion of the 19th Odisha Bigyan ‘O’ Paribesh Congress organised by KIIT University,Bhubaneswar on Nov 25-26,2017

6. **Sushri Priyadarshini Panda** Presented a paper on**The Role of Pulses in Sustainable and Healthy Food Systems on the National Seminar On Reaching The Unreached Through Science And Technology** organised by KIIT University,Bhubaneswar on Dec 17-18,2017

7. **Sushri Priyadarshini Panda** and Smaranika Pattnaik Presented a Paper entitled **Biofilm formation and antibiotic suseptibility profile in bacterial strains isolated from the patient infected with uti** on Biospectrum -2018 ,2nd international conference on Biotechnology & Biological sciences organised by University of Engineering & Management ,Kolkata on July 27-28,2018

8. **Sushri Priyadarshini Panda** and Smaranika Pattnaik Presented a Paper entitled **Growth**

curve analysis of biofilm producing *Klebsiella pneumoniae* (BMK-1) isolated from the patient infected with UTI National Seminar on ‘Science for society’ On the occasion of the 20th Odisha Bigyan ‘O’ Paribesh Congress 2018, November 17-18,2018.

9. **Sushri Priyadarshini Panda** and Smaranika Pattnaik Present eda Paper entitled **Effect of Environmentl factor on Biofilm Production of the bacterial strains isolated from the patient with Nosocomial Infection on** International conference on Bioprocess for Sustainable Environment and Energy 2018 NIT, Rourkela.December 6-7, 2018

10 **Sushri Priyadarshini Panda** and Smaranika Pattnaik Presented a Paper entitled **Biofilm Production: An Adaptation To Adverse Environmental Condition In BME2** on 2 day National conference on Current Research Trends in Biotechnology, Bioinformatics and Intellactual Property Management 2020, Department of Biotechnology and Bioinformatics,Sambalpur University , Jyoti Vihar, Burla. March 3-4, 2020

11 **Sushri Priyadarshini Panda** and Smaranika Pattnaik Present eda Paper entitled **Detection of fimH gene in MDR biofilm forming *Escherichia coli* from a patient with UTI on** International conference on Bioprocess for Sustainable Environment and Energy 2020 NIT, Rourkela. March5-7, 2020

## **WORKSHOP AND TRAINING**

1. “Work shop on Use of Technology in Research”, organized by Research scholars, Sambalpur University on 22-24<sup>th</sup> March, 2014 (3 days).

2.Short term Hands on Training Course on “Bioinformatics in Next Generation Sequencing Data Analysis”, organized by ICAR-National Bureau of Fish Genetic Resources (NBFGR), Lucknow 2<sup>nd</sup>-11<sup>th</sup> August, 2016 (12 days)

3. National Workshop on Genomics for Microbial Diversity and Taxonomy (GEMTAX-2019) held from 21-25 january, 2019 at the National Institute of Technology, Rourkela, Odisha, India (5 days)

## **PUBLICATIONS**

1.**Panda Sushri Priyadarshini** and Pattnaik Smaranika., (2020) Effect of Environmental Factors on Biofilm Production of the bacterial strains isolated from the patient with Nosocomial

2. As Book Chapter:

**Sushri Priyadarshini Panda** and Smaranika Pattnaik ., (2020) Detection of fimH gene in MDR biofilm forming *Escherichia coli* from a patient with UTI, **ISBN Number: 818553107-2, Elite publication, Bhubaneswar.**

3. As Book Chapter:

**Sushri Priyadarshini Panda** and Smaranika Pattnaik., (2020) Biofilm production: an adaptation to adverse environmental Condition in BME, **ISBN number:-978-93-5097-973-0, Himalaya publication, Bhubaneswer.**

4. As Book Chapter:

**Sushri Priyadarshini Panda** and Smaranika Pattnaik ., (2021) Biofilm Formation And Antibiotic Susceptibility Profile Among Bacterial Strains Detected In Urinary Tract Infected Patient" Contemporary medical biotechnology research for human health, Chapter 3, **ISBN Number: 9780323918367, Elsevier publication.**

5. As Book Chapter:

**Sushri Priyadarshini Panda** and Smaranika Pattnaik ., (2018) Effect of Environmental Factors on Biofilm Production of the bacterial strains isolated from the patient with Nosocomial Infection, **ISBN Number: 818552135-0, Elite publications, Bhubaneswar**

6. As book Chapter:

**Sushri Priyadarshini Panda** and Smaranika Pattnaik ., (2017) Screening for Antibiofilm Activity of Orange oil against *Klebsiella pneumonia* (BMK1-3), **ISBN Number: 978-81-924480-8-4, Odisha Environmental Society, Bhubaneswar.**

**Orientation Program: 01**

## **PERSONAL DETAILS**

<b>Name:</b>	Sushri Priyadarshini Panda
<b>Father's Name:</b>	Ashok Kumar Panda
<b>Mother's Name:</b>	Anupama Panda
<b>Sex:</b>	Female
<b>Date of Birth:</b>	15-03-1990
<b>Nationality:</b>	Indian
<b>Permanent Address:</b>	At/Po-Binka, Dist-Sonepur, Odisha

**Course and Subject taught:** +2, U.G, P.G

**Area of Interest (Academic):** Teaching, Cultural Activities, Art

**Area of Interest (Non Academic):** Paintings, Singing, Spiritual knowledge

## Details of Infrastructural Facilities:

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<b>Class room and Labrotory</b>	Classrooms with ICT facilities and well setup labrotary
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<b>Library</b>	The department has a library of its own comprising more than 60 number of books.
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<b>computer</b>	Departmental computer is used for departmental activities.
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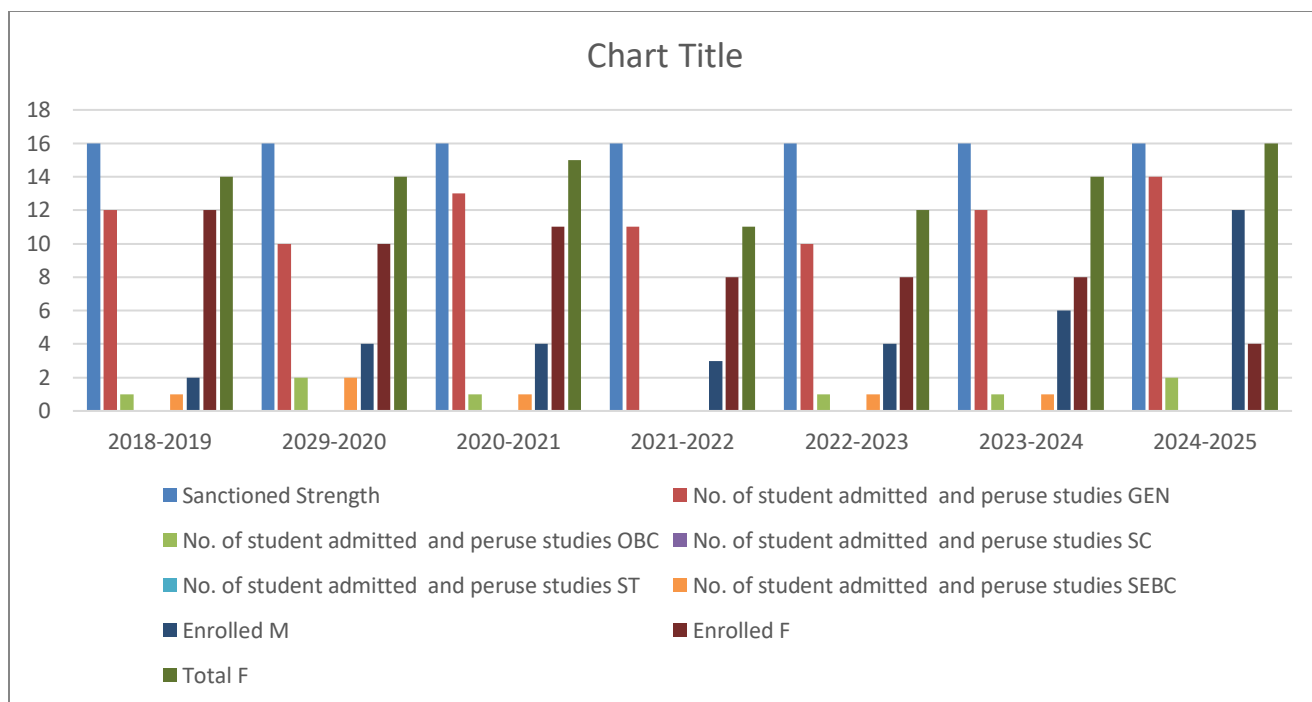
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## STUDENTS PROFILE

### Admission Data:

Academic session	Sanctioned Strength	No. of Applicants	No. of student admitted and peruse studies					Enrolled		Total
			GEN	OB C	SC	S T	SEB C	M	F	
2018-2019	16	17	12	01	×	×	01	02	12	14
2020-2021	16	18	10	02	×	×	02	04	10	14
2020-2021	16	19	13	01	×	×	01	04	11	15
2021-2022	16	18	11	×	×	×	×	03	08	11
2022-2023	16	17	10	01	×	×	01	04	08	12
2023-2024	16	20	12	01	×	×	01	06	08	14
<b>2024-2025</b>	<b>16</b>	<b>25</b>	<b>14</b>	<b>02</b>	×	×	×	<b>12</b>	<b>04</b>	<b>16</b>



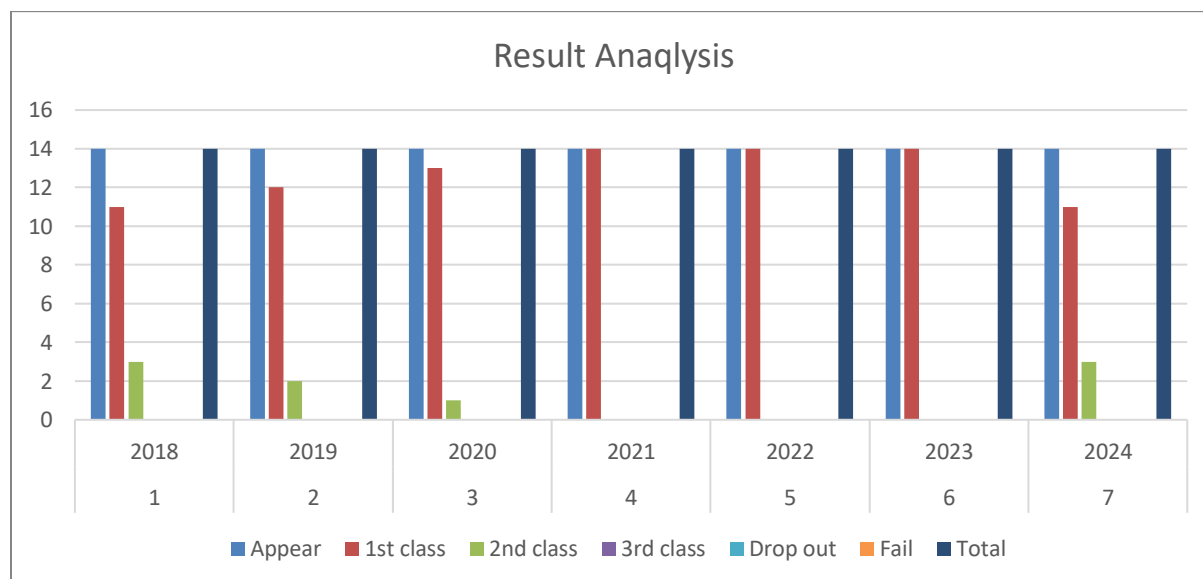


### NAME OF THE BEST PERFORMERS IN BOTANY DEPT LAST FIVE YEARS

Sl No.	Year	Name of the students	Percentage of marks
01	2018	Laxmipriya Rout	82%
02	2019	Rashmi Ranjan Sahoo	83%
03	2020	Deepak Ku. Swain	86%
04	2021	Silpa suman Nayak	85%
05	2022	Yajnasenee Mohanty	85%
06	2023	Abhilipsa Mishra	92%
07	2024	Diptirekha Jena	87%

## Result Analysis For Last Five Years

Sl No.	Year	Appear	1st class	2nd class	3rd class	Drop out	Fail	Total
01	2018	14	11	03	—	—	—	14
02	2019	14	12	02	—	—	—	14
03	2020	14	13	01	—	—	—	14
04	2021	14	14	—	—	—	—	14
05	2022	14	14	—	—	—	—	14
06	2023	14	14	—	—	—	—	14
07	2024	14	11	03	—	—	—	14



## COURSES OF STUDIES+

SEMESTER	PAPER COURSE
1 <sup>ST</sup>	AECC-I –Environmental Studies CORE-I – Microbiology Phycology CORE-II – Cell Biology GE-1.1 - Biodiversity
2 <sup>ND</sup>	AECC-II – English Communication skill CORE-III – Mycology and Phytopathology CORE-IV - Archegoniate
3 <sup>RD</sup>	CORE-V – Anatomy of Angiosperm CORE-VI – Economic Botany CORE-VII – Genetics GE 1.2 – Plant Physiology
4 <sup>TH</sup>	CORE-VIII – Molecular Biology CORE-IX – Plant Ecology CORE-X – Plant Systematics
5 <sup>TH</sup>	CORE-XI – Reproductive Biology CORE-XII – Plant Physiology DSE-1 – Analytical Techniques in PlantScience DSE-2 – Natural Resources and Management

6 <sup>TH</sup>	<p>CORE-XIII – Plant Metabolism          CORE-XIV – Plant          Biotechnology DSE-3 –          Horticulture Practices          DSE-4 – Project Work/ Industrial Microbiology</p>
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### STRUCTURE OF NEP SYLLABUS

#### Three Year Degree Course with Single Major and Two Minor

Semester	Core-I	Core-II	Core-III	Multi-disciplinary	AEC	SEC	VAC	Community Engagement & Services/ Field work /Internship	Total Minimum Credit
I	2X4=8	1X4=4		1X3=3	1X4=4		1x3=3	Environmental Studies and Disaster management	22
II	2X4=8		1X4=4	1X3=3	1X4=4	1X3=3			22
									44
III	3X4=12	1X4=4		1X3=3			1X3=3		22
IV	3X4=12		1X4=4					1x4=4	20
									42
V	3X4=12	1X4=4				1x3=3	1x3=3		22
VI	2X4=8		1X4=4			1x3=3	1x3=3		18
									40
<b>Total</b>	<b>15X4=60</b>	<b>3X4=12</b>	<b>3X4=12</b>	<b>3X3=9</b>	<b>2X4=8</b>	<b>3x3=9</b>	<b>4x3=12</b>	<b>1x4=4</b>	<b>126</b>

# Model Curriculum for Three/Four Year Degree Course(With Multiple Entry /Exit Option) Based on NEP-2020

List of Papers Botany Science(NEP)
I
Core I -_Microbiology and Phycology
Core II- Analytical techniques in Plant Sciences
II
Core III- Cell Biology
Core IV – Mycology and Phytopathology
III
Core V- Archegoniate
Core VI-Anatomy of Angiosperm and Economic Botany
Core VII- Genetics
IV
Core VIII- Basic Molecular Biology
Core IX- Plant Ecology and Phytogeography
Core X- Plant Systematics
V
Core XI- Reproductive Biology of Angiosperms
Core XII- Basic Plant Physiology
Core XIII- Basic Plant Biotechnology
VI
Core XIV- Basic Plant Metabolics

Core XV- Natural Resource Mangement
VII
Core XVI- Applied Molecular Biology
Core XVII- Applied Biochemistry
Core XVII- Biostatistics
Core XIX- Applied Ecology
VIII
Core XX- Applied Plant Physiology
Core XXI- Applied Biotechnology
Core XXII- Applied Microbiology
Core XXIII- Bioinformatics

# DEPARTMENTAL TIMETABLE OF BOTANY DEPARTMENT 2024-25

DERABIS COLLEGE UG TIME TABLE (2024-2025) (ARTS AND SCIENCE)									
DAYS	CLASS	09.00-10.00	10.00-11.00	11.00-12.00	12.00-01.00	01.00-02.00	02.00-03.00	03.00-04.00	
MON	+3 1st SEM			HONS SA	HONS SM	AEC ODIA(SCI)	M.D	AEC ODIA(ARTS)	
	+3 3rd SEM	HONS SP	HONS/PRA C SA	↑					
	+3 5th SEM					HONS SM	HONS/PRA SP	↑	
TUE	+3 1st SEM			HONS SM	HONS SA	M.D	MINOR		
	+3 3rd SEM					HONS SA	HONS/PRA SP	↑	
	+3 5th SEM	HONS SP	HONS/PRA C SM	↑					
WED	+3 1st SEM			VAC-E&D	HONS SA	AEC ODIA(ARTS)	MINOR	AEC ODIA(SCI)	
	+3 3rd SEM	↓	HONS/PRA C SA	HONS SM					
	+3 5th SEM					DSE-1 SA	DSE-2/PRA SM	↑	
THU	+3 1st SEM				VAC-E&D	MINOR	HONS/PRA SP	↑	
	+3 3rd SEM				HONS SA	HONS SM	GE.1.2 SA		
	+3 5th SEM	DSE-2 SA	DSE-1/PRA SM	↑					
FRI	+3 1st SEM					AEC ODIA(SCI)	HONS SP	M.D	
	+3 3rd SEM			SEC ARTS & SCI	HONS SA	HONS	GE.1.2/PRA C	↑	
	+3 5th SEM	DSE-1 SP	HONS SM	HONS SA					
SAT	+3 1st SEM		←	HONS/PRA SM	VAC-E&D	AEC ODIA(ARTS)	MINOR/PRA C	↑	
	+3 3rd SEM				E & V	HONS SP	HONS SP	SEC ARTS- & SCI	
	+3 5th SEM	DSE-2 SA	HONS SA	E & V	HONS SA				

SP - Dr. Anshu Purohit

SM - Subhasini Mishra

SA - Sowati Anwar

**ACTION PLAN FOR THE ACADEMIC YEAR  
2022-2023**

MONTH	ACTIVITY
June 17	College Reopening
June 21	International Yoga Day
Aug 15	Independence Day
Aug 17	Parent Teacher Meeting
Sep 1 <sup>st</sup> week	Internal Assessment
Sep 05	Teacher's Day
sep 30	Welcome Ceremony
Oct 02	Gandhi Jayanti
21-10 - 28-10	Puja Vaccation
Nov 1 <sup>st</sup> week	2 <sup>nd</sup> Sem Exam
Nov 14	Children's Day
Dec 1	Aids Day
Dec 1 <sup>st</sup> week	5 <sup>th</sup> Sem Exam
Dec 7	Annual Athletic Meet
Dec 3 <sup>rd</sup> week	Cultural And Literacy Activities
Dec 24	Annual Function
Jan 1	New Years Day
Jan 1 <sup>st</sup> week	3 <sup>rd</sup> Sem Exam
Jan 26	Republic Day
Feb 1 <sup>st</sup> week	1 <sup>st</sup> Sem Exam



Feb 2 <sup>nd</sup> week	Departmental Seminar
Feb 28	National Science Day
Mar 1 <sup>st</sup> week	4 <sup>th</sup> Sem Exam
Mar 2 <sup>nd</sup> week	Internal Assessment
Mar 3 <sup>rd</sup> week	Holi Vaccation
Apr 1 <sup>st</sup> week	6 <sup>th</sup> Sem Exam
Apr 3 <sup>rd</sup> week	Project Submission
May-5 – june-16	Summer Vaccation

+3 3<sup>rd</sup> year (hons.) Department of botany MENTOR- MENTEE LIST  
(Session 2023-2024)

MENTOR: Mrs. Subhasini Mishra

Sl No.	Roll No.	Name of the Student
01	200201024018001	Abhilasha Mishra
02	002	Ashis Beuria
03	003	Ashutosh Das
04	004	Bana Baisakhi Behera
05	005	Bishal Panda
06	006	Gayatri Ghodai
07	007	Jiban Jyoti Khatua

08	008	Laxmipriya Das
09	009	Lipsa Mohapatra
10	011	Madhusmita Sahoo
11	012	Prajnawali Samal
12	013	Pravati Pradhan
13	014	Sawana Sultana
14	016	Sushree Nibedita Baral

**+3 2<sup>nd</sup> Year MENTOR-MENTEE LIST**

**MENTOR: Mrs. Saswati Anuradha Kar**

Sl No.	Roll No.	Name of the Students
01	21020102418001	Arpita Nayak
02	002	Ashish Ranjan Behera
03	004	Diptirekha Jena
04	005	Lalat Kishor Baral
05	006	Manisha Giri
06	007	Pritipriyadarshini Das
07	008	Priyanka Mohanty
08	009	Satyajit Behera
09	010	Subhalaxmi Das
10	011	Swarup Kumar Pradhan

MENTOR-MENTEE LIST -(Session 2024-2025)

+3 1<sup>st</sup> year hons) Department of botany

MENTOR: Dr. Sushri Priyadarshini Panda

Sl No.	Roll No.	Name of the Student
01	001	Rudra Pratap Malik
02	002	Priti Kandi
03	003	Priti Pragyan Singh
04	004	Madhusmita Mohapatra
05	005	Swarnaprava Rout
06	006	Kajol Sahoo
07	007	Ankita Priyadarsini Das
08	008	Rajesh Ku,mar Panda
09	009	Manashree Mahala
10	010	Jayashree Ghadei
11	011	Mousumi Samal
12	012	Smruti Sagarika Parida
13	013	Tanushree Sahoo
14	014	Sikha Mohanty
15	015	Aliva Priyadarshini Sahoo
16	016	Khirod Sagar Barik

MENTOR: Mrs. Subhasini Mishra

<i>Sl No.</i>	Roll No.	Name of the Student
<i>01</i>	001	Abhilash Pradhan
<i>02</i>	002	Ashutosh Kar
<i>03</i>	003	Debasish Pradhan
<i>04</i>	004	Kissan Ku. Prusty
<i>05</i>	005	Lipsa Pr. Baral
<i>06</i>	006	Mihir Malik
<i>07</i>	007	Mohan Das
<i>08</i>	008	Monalisha Das
<i>09</i>	009	Pragyan Pr. Samal
<i>10</i>	011	Priyadarshini Swain
<i>11</i>	012	Priyanka Pr. Behera
<i>12</i>	013	Priyanka Pr. Das
<i>13</i>	014	Subhashree Maharana
<i>14</i>	016	Smrutirekha Sahoo

MENTOR:Mrs.Saswati Anuradha Kar

Sl No.	Roll No.	Name of the student
01	22020102418001	Arpita Parida
02	002	Araskhit Rout
03	003	Bandita Panda
04	004	Bhabani Sankar Parida
05	005	Fehmeen Suraiya
06	006	Iffat Jahan
07	007	Hitishree Giri
08	008	Himanshu Kumar Behera
09	009	Pankaj Kumar Das
10	010	Biranchi Narayan Das
11	011	Smrutipragyan Nath

## STUDENTS PROJECT WORK

Sl No.	Name of the student	Roll No.	Year	Topic
01	Nabin Ku. Das	180201024018001	2020-21	Different types of medicinal plants in your locality
02	Dharitri Jena	002	2020-21	Different types of medicinal plants in your locality
04	Silpa Suman Nayak	019	2020-21	Different types of medicinal plants in your locality
05	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
06	Soubhagya Praharaj	028	2020-21	Different types of ornamental plants in your locality
07	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
08	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
09	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality

10	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
11	Shibasrita Maharana	045	2020-21	Different types of vegetables in your locality
05	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
06	Soubhagya Praharaj	028	2020-21	Different types of ornamental plants in your locality
07	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
08	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
09	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality
10	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
04	Silpa Suman Nayak	019	2020-21	Different types of medicinal plants in your locality
05	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
06	Soubhagya Praharaj	028	2020-21	Different types of ornamental plants in

				your locality
07	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
08	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
09	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality
10	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
11	Shibasrita Maharana	045	2020-21	Different types of vegetables in your locality
13	Mousumi Pradhan	060	2020-21	Utility of paddy in your locality
14	Krushnanjali Sahoo	064	2020-21	Utility of in paddy your locality
04	Silpa Suman Nayak	019	2020-21	Different types of medicinal plants in your locality
05	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
06	Soubhagya Praharaj	028	2020-21	Different types of ornamental plants in your locality



07	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
08	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
09	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality
10	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
11	Shibasrita Maharana	045	2020-21	Different types of vegetables in your locality
17	Hazra Begum	003	2021-22	Different types of vegetables
18	Jayashree Prusty	004	2021-22	Utility of paddy
19	Kalyani Dash	005	2021-22	Different types of medicinal plants
20	Monalisa Swain	006	2021-22	Different ornamental plants
21	Monalisa Rout	007	2021-22	Utility of paddy
22	Poojarani Pradhan	008	2021-22	Different types of medicinal plants
23	Pralaya Ranjan Behera	009	2021-22	Different types of vegetables
24	Rubirani Sethi	011	2021-22	Different types of vegetable
25	Sagarbala Rath	012	2021-22	Different types of medicinal plants

26	Sangeeta Mallik	013	2021-22	Utility of paddy
27	Sashiprada Barik	014	2021-22	Different ornamental plants
28	Yajnasennee Mohanty	015	2021-22	Different ornamental plants
29	Abhilipsa Mishra	200201024018001	2022-23	Ethnobotany
30	Ashis Beuria	02	2022-23	Garden designing
31	Ashutosh Das	03	2022-23	Different ornamental plants
32	Banabaisakhi Behera	04	2022-23	Different ornamental plants
33	Bishal Panda	05	2022-23	Garden designing
04	Silpa Suman Nayak	019	2020-21	Different types of medicinal plants in your locality
05	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
06	Soubhagya Praharaj	028	2020-21	Different types of ornamental plants in your locality
07	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
08	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
09	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality
10	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
11	Shibasrita Maharana	045	2020-21	Different types of

				vegetables in your locality
36	Laxmipriya Das	08	2022-23	Different ornamental plants
37	Lipsa Mohapatra	09	2022-23	Post harvesting technology
38	Madhusmita Sahoo	011	2022-23	Post harvesting technology
39	Prajnanjali Samal	012	2022-23	Different ornamental plants
40	Pravati Pradhan	013	2022-23	Garden designing
41	Sawana Suhana	014	2022-23	Ornamental plants
42	Sushree Nibedita Baral	016	2022-23	Medicinal plants

### PROJECT WORK UNDER PROGRESS

Sl No.	Roll No.	Name of the student	Year	Topic
43	210201024018001	Arpita nayak	2023-24	Garden designing
44	002	Ashis ranjan behera	2023-24	Garden designing
45	004	Diptirekha jena	2023-24	Post harvesting technology
46	005	Lalat kishor baral	2023-24	Post harvesting technology
47	006	Manisha giri	2023-24	Hydroponics
48	007	Priti priyadarsi nidas	2023-24	Hydroponics
49	008	Priyanka mohanty	2023-24	Hydroponics
50	009	Satyajit behera	2023-24	Garden designing

51	Silpa Suman Nayak	019	2020-21	Different types of medicinal plants in your locality
52	Ashutosh Rout	022	2020-21	Different types of ornamental plants in your locality
53	Soubhagya Praharaaj	028	2020-21	Different types of ornamental plants in your locality
54	Rutuparna Meghambari	029	2020-21	Different types of ornamental plants in your locality
55	Sankalpa Mohanty	030	2020-21	Different types of ornamental plants in your locality
56	Soumya Ranjan Das	034	2020-21	Different types of vegetables in your locality
57	Debasis Mallik	036	2020-21	Different types of vegetables in your locality
58	Shibasrita Maharana	045	2020-21	Different types of vegetables in your locality

## OTHER DEPARTMENTAL ACTIVITIES

01. Science Exhibition
02. Students Seminar
03. Parent Teacher Meeting
04. Welcome ceremony
05. Farewell Ceremony
06. Science Day Celebration
07. Children's Day Celebration
08. Teacher's Day Celebration
09. Plantation Programme
10. Class Test (Monthly)

# SCIENCE EXHIBITION

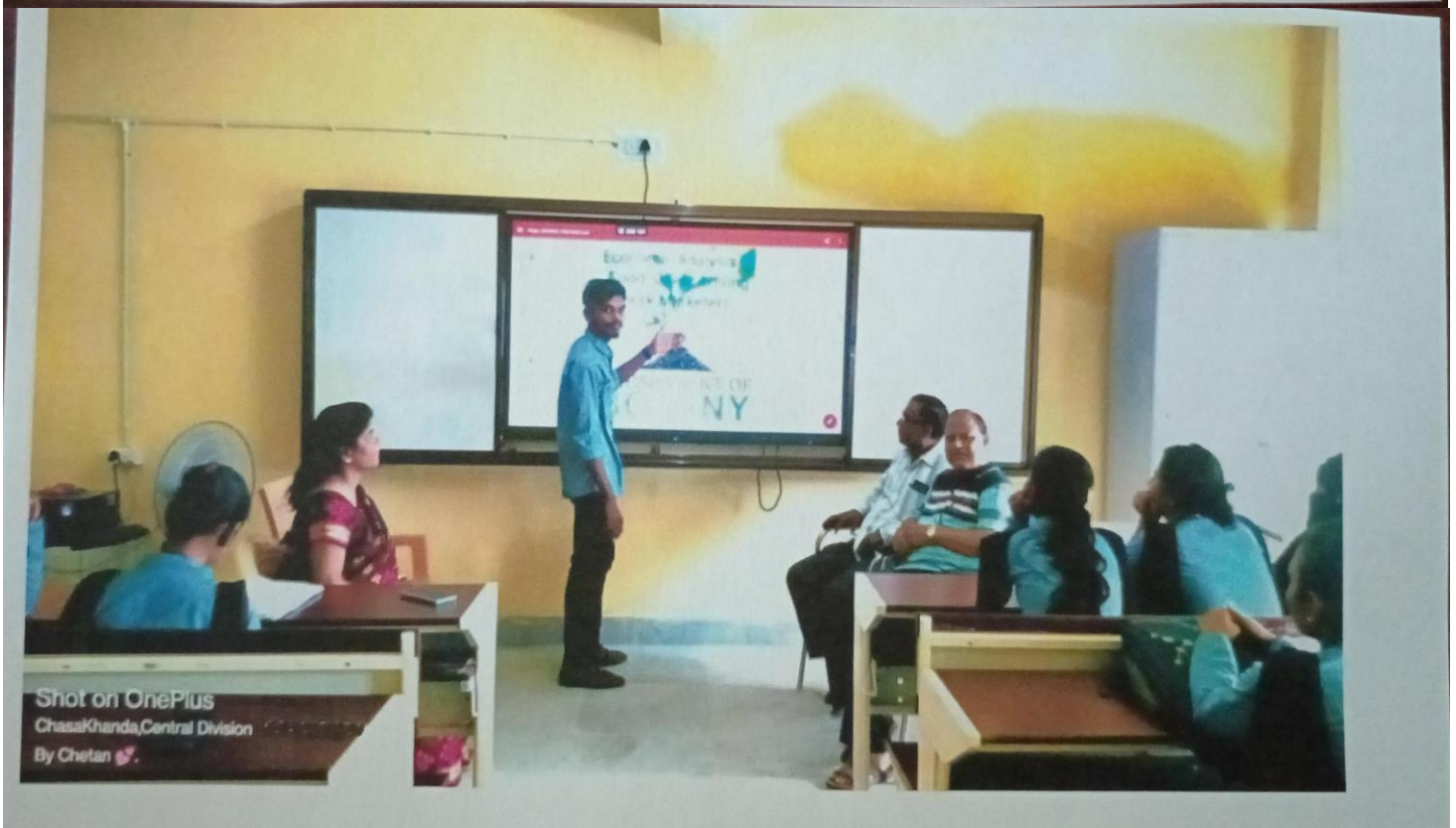


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G8Q7+F4P, Derabishi, Odisha 754289, India  
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10/02/24 11:33 AM GMT +05:30

## 2. SEMINARS/CONFERENCE ORGANISED BY DEPARTMENT OF BOTANY

Sl.No	Type of Seminar	Place	Name of the Topic	Year
01	Departmental Seminar	Dept. of Botany Derabis College	Allian gene transfer in Rice	27.02.2018
02.	Student's Seminar	Dept. of Botany Derabis College	Economic Analysis of Food Safety Among Pork Marketers	20.08.2018
03	Student's Seminar	Dept. of Botany Derabis College	Effect of Soil degradation on Crop Production	22.02.2019
04	Student's Seminar	Dept. of Botany Derabis College	Effect of NPK application on diffect varieties of Rice	10.09.2019
05	Student's Seminar	Dept. of Botany Derabis College	Enhancing food Supply through genetic engineering	08.02.2020
06	Student's Seminar	Dept. of Botany Derabis College	Cyanobacteria..The wonder of Nature	03.01.2022
07	Student's Seminar	Dept. of Botany Derabis College	Ethnobotany...A disease free world	07.10.23

# STUDENT'S SEMINAR







# FAREWEL CEREMONY



# TEACHERS DAY CELEBRATION



# GANESH PUJA CELEBRATION



# PLANTATION



## LIST OF OUR ACHIEVEMENTS

Sl. No.	Department	Name of the Student	Year of Pass out	Achivement
1	Botany	Subhakanta Behera	2020	East Coast Railway
2	Botany	Bhramarabar Tripathy	2020	Phenoix
3	Botany	Himansu Ku. Khatua	2020	Aditya Birla Capital
4	Botany	Banashree Kar	2021	M.Sc Biotechnology
5	Botany	Prajnanjali Samal	2021	M.Sc Botany
6	Botany	Jayashree Prusty	2021	M.Sc Botany
7	Botany	Sashipada Barik	2021	B.Ed (Govt.)

# OUR ACHIEVEMENTS

