

## **BIODATA**

### **Personal Identification**

**Name:** Mr. Pranab Paul  
**Date of Birth:** 29/11/1976  
**Permanent Address:** Gandhinagar  
Near East Chowkidinghee L P School  
Dibrugarh- 786003

### **Academic Background**

**Qualification:** I. M Sc in Botany with Specializations in  
(a) Cytogenetics and Plant Breeding  
(b) Plant Molecular Biology  
II. Qualified SLET in March, 2005

#### **1. Details of Academic Career:**

<b>Examination</b>	<b>Name of the Board/ University</b>	<b>Division / Class / Grade</b>
HSLC	CBSE	I
Intermediate (10+2)	CBSE	II
B.Sc	Dibrugarh University	I (4 <sup>th</sup> Position)
M.Sc	Gauhati University	I

#### **2. Published Paper in Journal:**

<b>SI. No.</b>	<b>Title with page Numbers</b>	<b>Journal</b>
1	Efficacy of Fungicides and Botanical Extracts against <i>Alternaria brassicicola</i> Causing Leaf Spot of Cabbage ( <i>Brassica oleracea</i> var <i>capitata</i> L.)	Asian Journal of Biological and Life Sciences, Vol 12, Issue 3, November, 2023

2	Review on the Nutritional and Culinary Wonders of Lemons: A Focus on North-East India	Samdarshi ISSN: 2581-3986 Vol 16 Issue 4 (September 2023)
3	Green synthesis of silver nanoparticles from plant extract of <i>Phlogacanthus thyrsoiflorus</i> Nees. And screening of its antimicrobial activity against <i>Staphylococcus aureus</i> and <i>Aspergillus niger</i> .	Research Journal of Biotechnology Vol.17(9) (2022)
4	Phytochemical screening and antioxidant activity of leaf extract of <i>Cyclosorus extensa</i> .	Khoz Vol:XII; 34-37 (2020) ISSN 2278-5272
5	Antioxidant activity of apple juice.	Chirantan Chintan Vol:VI(I) 56-59 (2018) ISSN 2278-4756
6	Phytochemical screening and Comparison of Leaf extract four species of <i>Garcinia species</i> of Dibrugarh District, Assam	Khoz Vol:XI; 91-94 (2019) ISSN 2278-5272
7	Antioxidant activity of leaf extract of four species of <i>Garcinia species</i> of Dibrugarh District, Assam.	Khoz Vol:X; 34-37 (2018) ISSN 2278-5272
8	Phytochemical analysis of ethanolic extract of leaves of <i>Chromolaena odorata</i> (L.) king and Robinson	Khoz Vol:IX; 130-135 (2017) ISSN 2278-5272
9	Vitamin C content in some <i>Citrus</i> fruits of Dibrugarh district, Assam.	Khoz Vol:VIII; 50-58 (2016) ISSN 2278-5272
10	An account of <i>Garcinia</i> (Thekera) found in Dibrugarh district, Assam	Khoz Vol:VII; 85-90 (2015) ISSN 2278-5272
11	Pest or Pesticide	Khoz Vol:VI; 42-46 (2014) ISSN 2278-5272
12	Water the elixir of life: A human perspective	Khoz Vol:V; 60-63 (2013) ISSN 2278-5272
13	Terrarium, creating a miniature landscape.	Khoz Vol:IV; 15-18 (2012) ISSN 2278-5272
14	Culturing of <i>Azolla caroliniana</i> and popularizing its use as manure	Khoz Vol:III; 85-90 (2011) ISSN 2278-5272
15	Asomor adrabhumit nikori ba Utpal udhbhid	Khoz Vol:II; (2009) ISSN 2278-5272
16	Study of the morphology and genetic variations of four different <i>Citrus</i> fruits of Upper Assam.	Mosaic(2014) IQAC, Dibru College ISSN978-93-82283-91-1

### **3. Author/ Editor/Articles / Chapters published in Books:**

SI. No.	Title with page nos.	Author/Editor & publisher
1	Genetics and Evolutionary Biology	Pranab Paul (January, 2025) Mahaveer Publications ISBN:978-93-48070-07-4
2	Principles of Genetics	Pranab Paul (September, 2024) Mahaveer Publications ISBN:978-93-48070-07-4
2	Health Wellness	Pranab Paul (August,2023) Mahaveer Publications ISBN:978-81-89904-90-1
1	Molecular Biology	Coauthor: Pranab Paul (2022) Mahaveer Publication ISBN:978-93-94095-35-9
2.	Principles of Genetics	Pranab Paul (2021) Mahaveer Publication ISBN:978-93-91064-21-1
3.	Genetics	Pranab Paul (2020) Mahaveer Publication ISBN:978-93-89904-52-9
4.	Multidisciplinary	Coauthor: Pranab Paul (2019) Mahaveer Publication ISBN:978-81-941945-5-2
5.	Khoj (A multilingual, multidisciplinary Annual peer Reviewed journal)	Co-Editor: Pranab Paul (2017) Khoz Vol:IX; (2017) ISSN 2278-5272
6.	Food and Bioprocess Research For Industrial Application	“ Antioxidant activity and total phenolic content of three different ripe fruit juices.”(54-62) (2017) Co-author: Pranab Paul Pub Kamrup College ISBN: 978-81-93152-50-9
7.	Chirantan Chintan	Co-Editor: Pranab Paul Vol.V, No.I(2016) ISSN: 2278-4756

8.	A Handbook for Teachers OF Science Class X	Co-author: Pranab Paul Board Of Secondary Education, Assam (2015)
9	The Earth	“Water: Fundamental Human Need” Volume 6,2015 Department of Geography DHSK College
10	A Handbook for Teachers OF Science Class IX	Co-author: Pranab Paul Board Of Secondary Education, Assam (2013)
11	A Handbook For Teachers OF Science Class X	Co-author: Pranab Paul Board Of Secondary Education, Assam ( <b>2013</b> )
12	Environmental Studies	Co-author of the Chapter ‘Unsustainable to Sustainable Development’ ( <b>2014</b> ) Kalyani Publisher
13	Science Galaxy	‘Vermicompost as an effective tool for economic utilization of organic waste of Dibrugarh town’ Dibru College ISBN 978-93-82283-67-6 <b>2014</b>
14	Ethnic groups of North East India Education, Health and Nutritional Perspective.	‘Ethnomedicobotanical information from the Tai-Ahom of Assam’ ( <b>2014</b> ) ISBN: 81-8324-459-9 Mittal Publication New Delhi
15	Perspectives	Joint Editor ISSN: 23200855 <b>2013</b>

#### **4. Papers presented in Conferences, Seminars, Workshops, Symposia:**

SI. No.	Title of the paper presented	Title of conference/ Seminar	Organized by	Category
1.	Butterfly diversity as flagship taxa in biodiversity conservation: case study in Dehing-Patkai wild life sanctuary, Assam.	Environment Degradation: Risk and Management.	Moran College	NATIONAL
2.	Estimation of organic wastes of Dibrugarh town and its remedies towards economic utilisation	Environment Degradation: Risk and Management	Moran College	NATIONAL
3.	Ethnomedicobotanical information from the Tai-Ahom of Assam.	Problems and prospects of ethnic communities of India with special reference to North East India	Department of Anthropology, Dibru College	NATIONAL
4.	Medicinal plants used for the treatment of burn and cut injury from upper Assam	57 <sup>th</sup> Annual Technical Session	Gauhati University	NATIONAL
5	Impact of urbanization on Ethnomedicobotanically important plant species in Dibrugarh town and surrounding areas	Urbanization and its impact in today's world with special reference to North East India.	Department of English Chandra Kamal Bezbaruah Commerece College	National
6	Comparative analysis of Total Dissolved Solids and vitamin C content of the lemon varieties of Upper Brahmaputra valley, Assam, India.	Assam Botany Congress and International Conference on Biodiversity and climate change: Challenges and opportunities for nature-based solutions. (11-13 November, 2024)	Department of Life sciences, Dibrugarh University, Botanical Society of Assam, Guwahati and Botanical survey of India, Govt of India	International
7	AI-powered classification of lemon surface smoothness: a step toward efficient commercial sorting	National conference on 'Integrating ethnobotany and AI for future healthg care solutions for	The Research Project Team for the ICSSR sponsored project titled	National

		Viksit Bharat @2047. (14 <sup>th</sup> February, 2025)	'Design and development of AI powered symptom based ethnomedical Recommendation system for the Upper Brahmaputra valley of Assam.	
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### 5. Ongoing and Completed Research Project:

Sl. No.	Title	Agency	Period	Grant Amount (in lakhs)
a)	Establishment of Institutional Level biotech hub.	DBT	November, 2011 to June, 2019	45.74
b)	Institutional Biotech Hub at Dibru College, Assam (2 <sup>nd</sup> Phase)	DBT	March 2023 to March 2026	31.552

### 6. Trainings/Workshops:

Sl.No	Title	Institute	Period
1	Orientation Course (UGC)	JNU, New Delhi	31.01.2011 to 25.02 2011
2	Refresher Course in Biological Sciences (UGC)	The University of Burdwan	10.10.2014 to 30.10.2014
3	Refresher Course on Life Science(UGC)	Gauhati University	17.10.2019 to 30.10.2019
4	Short term course in Statistical analysis using various software	NEHU	21.09.2022 to 27.09.2022
5	Training program on molecular biology and plant tissue culture: tools, techniques and technological interventions (DBT)	TERI, New Delhi	11.07.2011 to 23.07.2011

6	Science for rural societies training course (Ministry of Science and Technology, Govt of India)	LBSNAA, Mussoorie	31.10.2011 to 11.11.2011
7	Statistical and computing methods for Life Science data analysis (ISI, Kolkata)	Dibrugarh University	8.02.2016 to 12.02.2016
8	Basic techniques in Biotechnology (DBT)	DHSK College	18.10.2012 to 20.02.2012
9	Capacity building of teachers, researchers and bio-medical practitioners of North Eastern region on advanced techniques in molecular biology and microbiology. (DoNER)	Department of Animal Biotechnology, College of Veterinary Science, Assam Agriculture University, Guwahati.	30.05.2017 to 08.06.2017
10	Statistical analysis using various software. (UGC)	NEHU, Shillong	21.09.2022 to 27.09.2020
11	Semesterization and CBCS in Higher Learning Institutions: in quest of quality education (NAAC)	Dibrugarh University	7.02.2014 to 8.02.2014
12	Workshop in connection with the proper evaluation of answer sheets and other related works.	Assam higher Education Council	6-02-2015 to 07-02-2015
13	Workshop on Performance Based Appraisal system for college teachers	Assam College Teachers Association	21.1.2015
14	Spoken Hindi Course	Dept of Hindi, Dibru College	16-02-2016 to 15-03-2016
15	Workshop on CBCS	ACTA, Dibru College Unit	25 <sup>th</sup> April, 2017
16	Implementation of four year under graduate programme in colleges of Dibrugarh University	Dibrugarh University in collaboration with IQAC, Dibru College	6 <sup>th</sup> June, 2023

## **7. Work Experience:**

- Currently working as Assistant Professor in Botany at Dibru College, Dibrugarh since 2009.
- Worked as a Lecturer in Biology in Vivekananda Kendra Vidyalaya 2002-2004
- Worked as lecturer on contractual basis from 2006 to 2008 in Dibru College.

## **8. Oher Administrative/Duties Performed:**

- 1) Principal Investigator in DBT sponsored 'ILBH' Phase-I from 2011 to 2019.
- 2) In charge HoD Department of Biotechnology, Dibru College from its inception in 2011 till date.
- 3) Coordinator of IQAC (15-11-2013), Dibru College from the period 2013 to 2017 and successfully completed the 2<sup>nd</sup> cycle of NAAC peer team visit in which the Dibru College was accredited with 'A' grade with CGPA 3.09
- 4) Coordinator of RUSA 2.0
- 5) Secretary, Assam science society, Dibrugarh Branch 2011- .
- 6) Principal Investigator of ILBH Phase-2 sanctioned in March, 2023 for a period of three years.
- 7) Advisor of Dibru College Career Counselling Cell
- 8) Secretary, Dibru College Publication Board
- 9) Convenor, IDP, Dibru College