

## **Profile of the BOTANY Department**

1. **About the Department:** The Department of Botany came into existence on 1<sup>st</sup> June, 2016. It is presently running the UG level with the support of three teachers and one contractual.

There is one laboratory in the department. The laboratory is well equipped with modern instruments. Some of the instruments are purchased out of grants provided by RUSA and some by the college management. There are charts, specimens, slides, models, herbarium and up to date facilities like computers, internet for easy learning for the students.

Botanical excursions are organized for providing wider knowledge to the students about different ecosystems, different plants and animals, forests, etc.

2. **Vision of the Department:** The vision statement of the department aims

- a). To impart quality education in the field of Botany to our young girl students so that they can face the employment market efficiently.

- b) To aware the students towards the importance of conserving our natural resources, proper utilization of the plant world and towards keeping a healthy-clean environment.

- c) To expertise our students with the basic skills in identifying and labeling different plants.

3. **Mission of the Department:** Mission of the department includes the following:

- a) To provide conceptual views about the different branches of Botany /skilled based courses etc. and to encourage our students to develop an aptitude of applied research in any fields, they not only become employees but also as employers, entrepreneurs and the confidence to compete with the students of any prestigious institution.

- 2) Shaping our students to modern ideas and thoughts so that they can face challenges in life efficiently and shape their own future for sustaining in the global world.

4. **Message from the HODs:**

I on behalf of the entire Botany Department of MDKG College welcome all the students who are desirous to take Botany as one of the subjects. Botany can offer multiple career options-can opt for educational institutions ,private or public sector companies in agriculture or forestry, biotechnology, environmental protection, drugs, herbal medicines, beauty products, genetics research, food industries, etc. Thus a botanist can either become an ecologist, florist, taxonomist, agriculturist, researcher etc.

Lastly, I want to wish all my students, loved ones and fellow colleagues to stay positive because we all are having a difficult time due to Covid-19, however I am confident we will get through this, together.

## 5. Courses offered by the Department:

### 1.UG Non-CBCS (Major and Non-Major)

### 2. UG CBCS (Core, GE, SEC)

## 6. Achievements of the Department:

### a. Students Achievements:

**2018: Ankita Adhikary (Batch -2016): Inter college singing competition**

**Bhajan -3<sup>rd</sup> prize**

**Classical -3<sup>rd</sup> prize**

**2019: Pompi Gogoi (Batch 2016) : Badminton -2<sup>nd</sup> prize(MDKGcollege week)**

**Sumitra Sonar( Batch 2016) : Carrom -2<sup>nd</sup> Prize(MDKG college week)**

### Sports and Cultural awards (2020)

Student Name	Position	Event	Position	Organizer
Akangshya Duari BotanyMajor	BSc(2 <sup>nd</sup> Sem)	Traditional Dress Competition	1 <sup>st</sup>	MDKG College (College Week)
		Chocolate in the mouth run	2 <sup>nd</sup>	
		Kabbadi	2 <sup>nd</sup>	
Jafreen Hussain Botany Major	BSc (2 <sup>nd</sup> Sem)	Badminton Doubles	2 <sup>nd</sup>	MDKG College (College Week)
Amrita Sharma Botany Major	BSc(2 <sup>nd</sup> Sem)	Badminton Doubles	2 <sup>nd</sup>	MDKG College (College Week)

Riji Borah Botany Major	BSc(2 <sup>nd</sup> Sem)	4x100 relay race	2 <sup>nd</sup>	MDKG College (College Week)
		Kabadi	1 <sup>st</sup>	
		400meter race	2 <sup>nd</sup>	
		200meter race	2 <sup>nd</sup>	
		100meter race	3 <sup>rd</sup>	
		Long Jump	2 <sup>nd</sup>	
Rashmita Gogoi Botany Major	BSc(2 <sup>nd</sup> Sem)	4x100relay race	2 <sup>nd</sup>	MDKG College (College Week)
		Kabadi	1 <sup>st</sup>	
		Cricket	1st	
Hunmoyna Gogoi Botany Major	BSc(2 <sup>nd</sup> Sem)	Kabadi	2 <sup>nd</sup>	MDKG College (College Week)
Twinkle Ahmed Botany Major	BSc(4 <sup>th</sup> Sem)	Cricket(Man of the Match)	1 <sup>st</sup>	MDKG College (College Week)

#### Sports and Cultural Awards (2021)

Student Name	Semester	Event	Position	Organizer
Sangeeta Tamuli	BSc(1 <sup>st</sup> Sem)	Spicy Pulse preparation	2 <sup>nd</sup>	MDKG College (College Week)
Jaya Kuli Botany Major	BSc(1 <sup>st</sup> Sem)	Cricket	1 <sup>st</sup>	MDKG College (College Week)
		Javelin throw	3 <sup>rd</sup>	
		Kho Kho	Runners up	
		Relay race	1 <sup>st</sup>	
Jafreen Hussain Botany Major	BSc (3 <sup>rd</sup> Sem)	Badminton Doubles	2 <sup>nd</sup>	MDKG College (College Week)
		Badminton Singles	2 <sup>nd</sup>	
Kasturi Saikia Botany Major	BSc(5 <sup>th</sup> Sem)	Quiz	1 <sup>st</sup>	MDKG College (College Week)
Riji Borah Botany Major	BSc(3 <sup>rd</sup> Sem)	4x100 relay race	1 <sup>st</sup>	MDKG College (College Week)
		Kho Kho	2 <sup>nd</sup>	
		400meter race	2 <sup>nd</sup>	
		200meter race	1 <sup>st</sup>	
		100meter race	1 <sup>st</sup>	

		Long Jump	3 <sup>rd</sup>	
		Badminton double	2 <sup>nd</sup>	
		kabadi	1 <sup>st</sup>	
Rashmita Gogoi Botany Major	BSc(3 <sup>rd</sup> Sem)	Badminton (Singles)	1 <sup>st</sup>	MDKG College (College Week)
		Badminton (Doubles)	2 <sup>nd</sup>	
Hunmoyna Gogoi Botany Major	BSc(3 <sup>rd</sup> Sem)	Hair style	1 <sup>st</sup>	MDKG College (College Week)
Shama Ritika Jyoti Gupta	BSc( 5 <sup>th</sup> Sem)	Cricket	2 <sup>nd</sup>	MDKG College (College Week)
		Kho Kho	2 <sup>nd</sup>	
Twinkle Ahmed Botany Major	BSc( 5 <sup>th</sup> Sem)	Kho Kho	2 <sup>nd</sup>	MDKG College (College Week)
		Cricket	2 <sup>nd</sup>	
		Relay	1 <sup>st</sup>	

b. Teachers' achievements:

**Dr. Amal Bawri** (Past faculty member)

- DST-SERB National Post-Doctoral Fellow
- Grant: Ruffords Small Grant for nature Conservation, UK

## 7. Activities of the Department:

a. Organizing Seminars/Workshops/Symposium/Events and celebration of festivals:

1. The Department of Botany organized a Plantation Program on **5<sup>th</sup> June, 2019** to celebrate **WORLD ENVIRONMENT DAY**.

2. Celebration of **SCIENCE DAY** on **28<sup>th</sup> February, 2020** (inter school Art competition, Extempore speech, etc.)

b. Panel Discussion:

c. Awareness Programme:

1. **Observation of World No Tobacco Day on 31<sup>st</sup> May, 2018.** The faculty members of the department delivered a talk on harmful aspects of tobacco consumption on human health with special reference to cardiovascular system.
2. Germplasm conservation of Medicinal Plants with the collaboration of **OUM NGO, Dibrugarh. (29/05/2019)**

d. Lecture Series:

1. An interactive session by **Prof. (Rtd.) P. K. Borua**, Director in Charge of Centre for Tea and Agro Studies, Dibrugarh University on “**Prospects of studying Life Sciences and Genetics as an interesting subject of Life Sciences**” was held on **7<sup>th</sup> October, 2017**.
2. Invited Guest Lecturer **Dr. Nabajyoti Saikia (Bioinformatics), Dibrugarh University** to delivered some valuable classes to **FEB-APRIL, 2019** 5<sup>th</sup> semester students (2016-2019 batch) related to their course syllabus.
3. Invited **Prof. Dr. P. K. Borua, Chairperson of Centre for Tea and Agro Studies, Dibrugarh University** as a guest lecturer to delivered some valuable lectures to the students of 5th semester(2017-2020 batch) of Botany Department related to their course syllabus. He delivered his valuable lectures on **15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup> and 21<sup>st</sup> October, 2019**.
4. A short term certificate course of 12 hours on Bioinformatics was conducted by the department of Botany on **22<sup>nd</sup> February to 14<sup>th</sup> March, 2020** (four weeks for 3 hours on every Saturday). The course was conducted in collaboration with Makeintern evaluated by industrial expert Dr. Diktesh Puri. Total 30 students participated in the course. **Mr. Ambarish Bhuyan** was the **faculty coordinator** of the course.

## 8. Scholarships:

Name of the Student	Semester	Name of the Scholarship
Runa Baruah	BSc. 6 <sup>th</sup> Botany Major(Batch-2017-2020)	Ishan Uday
Riji Borah	B.Sc. 3 <sup>rd</sup> Botany Major(Batch-2019-2021)	ST Post Matric Schloraship

9. E-resources: MODULE

10. Prominent Alumni:

11. Manoharian Rural Outreach Programme:

12. Research:

13. Stars: Retired Faculty Members

14. Faculty:

15. **Dr. PURNIMA SAIKIA** (DOJ-1<sup>st</sup> June 2016 till date)



A. Designation: Assistant Professor

B. Qualification: M.Sc. in Life Sciences, Dibrugarh University, PhD.

C. Area of specialization: Cytogenetics and Plant Breeding

D. Area of Research: Tissue culture in Orchids

E. Research Degree: PhD

Degrees	Title	Date of award	University
M.Phil			
Ph.D	<i>In Vitro</i> Propagation and Asymbiotic Seed Germination of Orchids with Special Emphasis on <i>Dendrobium</i> and <i>Acampe</i>	MAY,2016	Dibrugarh University,Dibrugarh

F. Phone number: 9954483248

G. e-mail ID: mrspurnimasaikia@gmail.com

**Detail Bio-Data of Faculty:**

**Positions held:** Member of Different body, Coordinator, Nodal Officer and Programme officer of Cells and Committees.

1. Member of Library Advisory Committee of MDKG College.
2. Joint Co-ordinator of Cell for Women Development of MDKG College.
3. Member of Cell for Curricular Aspects of MDKG College.

**Academic/Research experience:** 5 years

a. Languages: English, Assamese

b. Professional experience: 5 years

**Subjects handled at UG Level:** BOTANY

Areas of interest: Genetics,  
Tissue culture,  
Ethanomedicinal studies,  
Orchid conservation, etc.

Honours and Awards: **1.** M.Sc. Departmental Post Graduate Scholarship for the year 1995-96.

**2.** Junior Research Fellowship (Ref no.: DU/AR/34-2/95/JRF/1186 Date-8.2.99

Paper presentation in National and International Seminars/Workshops/Conferences:

Sl.No	Title of the paper presented	Title of the Conference /Seminar	Organiser	Sponsoring agency	Level	Date
1	Efficient plant regeneration from seeds of <i>Acampe rigida</i> (Buch-Ham ex	1 <sup>st</sup> Biotechnon Conference, Vallabhbhai Patel	Vallabhbhai Patel Chest Institute, University of Delhi , Delhi	Biotechnology Society of India	National	2001 4 <sup>th</sup> -6 <sup>th</sup> Oct

	Sw)P.F.Hunt using <i>in vitro</i> technique.	Chest Institute, University of Delhi, Biotechnology Society of India,pp-32				
2	Ethanomedical Importance of some Orchids of Assam	<b>Seminar:</b> Indigenous Knowledge : Special Focus on the Tribes and Communities of North east India.	Department of Anthropology, Nandalal Borgohain City College, Dibrugarh, Assam	ICSSR	National	2018 27 <sup>th</sup> - 28 <sup>th</sup> April
3	Role of Plant Growth Regulators (PGRs) for the <i>in vitro</i> seed germination of <i>Acampe rigida</i> (Buch-Ham Ex. Sw) P.F.Hunt.	<b>Seminar:</b> Trends In Biological Sciences and Sustainable Development.	Department of Life Sciences, Dibrugarh University, Dibrugarh, Assam.	Dibrugarh University	National	February 5 <sup>th</sup> -6 <sup>th</sup> , 2020

### Details of Publications:

#### a. Published Papers in Journals:



Serial No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor, if any?	No. of Co-authors	Year of publication
1	Role of plant growth regulators (PGRs) in <i>in vitro</i> seed germination of <i>Acampe rigida</i> (Buch.-Ham. EX SW) P.F. Hunt. pp.41595-41597, Issue 11, Vol. 8.	International Journal Of Current Research (IJCR)	ISSN 0975-8333X,	SJIF-7.617	One(1)	Nov. 2016
2	Role of different concentration of PGRs(plant growth regulators) on <i>in vitro</i> multiplication of <i>Dendrobium fimbriatum</i> var. <i>oculatum</i> using nodal segments. pp 98-100, Issue 1, Vol. 3,	IOSR Journal of Biotechnology and Biochemistry (JBB).	ISSN 2455-264X,	IF- 3.98	One(1)	Jan-Feb. 2017
4	Significance of different concentrations	IOSR Journal of	ISSN 2455-	IF- 3.98	One(1)	Sep-Oct., 2017

	of plant growth regulators (PGRS) on in vitro multiplication of <i>Dendrobium moschatum</i> (Buch.-Ham.)SW. using nodular explants. pp 54-57, Issue 5, Vol. 3	Biotechnology and Biochemistry (JBB).	264X,			
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b. Papers published as conference proceedings:

Title with page no.	Details of conference publications	ISSN/ISBN No.	No. of Co-authors	Whether you are the main author?	Year of publication
Effect of different concentrations of PGR(Plant Growth Regulators) on seeds of <i>Acampe rigida</i> using <i>in vitro</i> technique	Proceedings of 48 <sup>th</sup> Annual Technical Session. Assam Science Society, Silchar Branch, Assam University, Silchar Volume 4		One(1)	yes	18 <sup>th</sup> Jan,2003

c. Books published:

1. Articles/Chapters published in books:

Serial no.	Title with Page No.	Book title, Editor and Publisher	ISSN/ISBN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of publication
<u>1</u>	Orchids, their importance and their suitable potting mixes. pp 296-300	<b>Title:</b> Emerging Trends in Multidisciplinary Research <b>Editor:</b> Dr. Deep Dutta Dr. Ripunjoy Sonowal Dr. Ajit Goswami <b>Publisher:</b> Mittal Publications	ISBN 9178-93-5105-359-0	YES	None	YES	2018,June
<u>2</u>	A report on some rice varieties of Sadiya and Khowang in Assam. pp 17-26	Recent Advances in Multidisciplinary Research : Issues and Perspectives <b>Editor:</b> Dr. Ripunjoy Sonowal Dr. Ajit Goswami <b>Publisher:</b> Mittal Publications	ISBN 81-8324-984-1	YES	None	YES	2020

e. Conference/Symposia/Webinars/RC/OP/FDP/STC attended:

Serial No.	Name of the Programme	Duration	Organiser	Sponsoring agency
1	<b>Seminar:</b> Germplasm Conservation and Sustainable Development	1(One) day, 29 <sup>th</sup> March,2005	Department of Life Sciences	UGC Sponsored Seminar
2	<b>Workshop:</b> Research Paper and Project Proposal Writing	2(Two) days, 24 <sup>th</sup> and 25 <sup>th</sup> October,2016	DURSA(Dibrugarh University Research Scholars' Association)	Dibrugarh University
3	<b>Workshop:</b> Cyber Crime Against Women in North East India: Causes and Remedies	2(Two) Days 16 <sup>th</sup> and 17 <sup>th</sup> June,2017	Mdkg College in Collaboration with Jon-Kalyan Society, Moran.	UGC Sponsored National Workshop Committee
4	<b>Faculty Development Programme</b> on "Behavioral Remodelling and use of ICT tools for Classroom Delivery of Teachers"	One week, 1 <sup>st</sup> -6 <sup>th</sup> July, 2019	DHSK College, Dibrugarh	Electronics & ICT Academy, Indian Institute of Technology, Guwahati
5	<b>National WEBINAR:</b> Open Educational	7 <sup>th</sup> June,2020	MDKG College, Dibrugarh	IQAC Mdkg College

	Resources.			
6	<b>National Webinar</b> on Pandemic Covid-19 and challenges.	6 <sup>th</sup> July 2020	MDKG College, Dibrugarh	IQAC Mdkg College
7	<b>National Webinar:</b> Medicinal animals and Nutraceutical resources.	12 <sup>th</sup> August,2020 Pasighat, Arunachal Pradesh	North Eastern Institute of Folk Medicine, Pasighat, Arunachal Pradesh	AYUSH

Faculty: **Dr Sukanya Baruah Chaliha** (DOJ-1<sup>st</sup> August 2017 till date)



- A. Designation: Assistant Professor
- B. Qualification: M.Sc. in Life Sciences, PhD
- C. Area of specialization: Cytogenetics and Plant breeding
- D. Area of Research: Genetics
- E. Research Degree: PhD

Degrees	Title	Date of award	University
M.Phil			
Ph.D	Myocardial Infraction and its association with	March 2017	Dibrugarh University

	polymorphism of Angiotension converting enzyme (ACE) and Endothelial Nitric Oxide synthase (e-Nos) genes, Diabetes and dyslipidemia		
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Phone number: 9435391558

e-mail ID: [sukuz7@yahoo.co.in](mailto:sukuz7@yahoo.co.in)

Detail Bio-Data of Faculty: **BIO-DATA**

a. Languages: Assamese, English

b. Professional experience: 4years

Subjects handled at UG Level: Botany

Areas of interest: Genetics and molecular Biology

Paper presentation in National and International Seminars/Workshops/Conferences:

Sl.No .	Title of the paper presented	Title of the Conference /Seminar	Organiser	Sponsoring agency	Level	Date
1	Association of Apolipoprotien E, A5, and Endothelial Nitric Oxide Synthase Gene Polymorphisms in Myocardial Infracrion	International Symposium on "Genomics in Health and Diseases" & 40 <sup>th</sup> Annual Conference of Indian Society of	Indian Society of Human Research	Indian Society of Human Research	International	28 <sup>th</sup> to 30 <sup>th</sup> January 2015

		Human Genetics.				
2	Uses of Herbal Drugs in Cardiovascular Diseases and Its Future Perspectives	National Seminar on Advances In Agriculture And Plant Sciences.	Department of Botany Gargaon College, Simaluguri, Sivasagar,	Department of Botany Gargaon College, Simaluguri, Sivasagar,	National	10 <sup>th</sup> june,2017,
3	Use of Indigenous Plants in Assam and North-Eastern States	National Seminar on Indigenous Knowledge : Special Focus on The Tribes and Communities of North East India	Department of Anthropology, Nandalal Borgohain City College, Dibrugarh, Assam	ICSSR Sponsored	National	27 <sup>th</sup> & 28 <sup>th</sup> april,2018

H<sub>8</sub>.Resource Person:

H<sub>9</sub>.Details of Publications:

a. Published Papers in Journals:

Serial No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor ,if any?	No. of Co-authors	Year of publication
1	Risk Factors Associated with Myocardial Infarction in a North East	International Journal of Health Sciences & Research	ISSN: 2249-9571		6	2015, September

	Indian Study page no-41; Issue: 9; Vol.5					
2	Insertion/Insertion Genotype of Angiotensin I- Converting- Enzyme GenePredicts Risk of Myocardial Infarction inNorth East India. Page no-134-46. issue 2; vol.54	Biochemical Genetics	ISSN 0006-2928	2	5	2016, April
3	Profile of Complementary and Alternative Medicine Use by Diabetic and Hypertensive Patients Presenting with Angina in North East India. Issue: 1; Vol.6;	International Journal of Health Sciences & Research (www.ijhsr.org)	ISSN: 2249- 9571		2	2016, January



b. Papers published as conference proceedings:

Title with page no.	Details of conference publications	ISSN/ISBN No.	No. of Co-authors	Whether you are the main author?	Year of publication
Association of ApolipoprotienE,A5 And Endothelial Nitric Oxide Synthathese Gene Polymorphisms in Myocardial Infarction: A Hospital Based Study In North East India. Page no- s107	Published in Indian Journal Of Human Genetics. Supplement 1/2014/vol 20	0971-6866	none	yes	2015

2. Articles/Chapters published in books:

Serial no.	Title with Page No.	Book title, Editor and Publisher	ISSN/ISBN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of publication
<u>1.</u>	Impact of North-Eastern medicinal Plant: A critical review Page No-103-108.	Recent Trends In Environment And Society. <b>Editors:</b> Rajjyoti Gogoi And Bornali Nath Dowerah, <b>Publisher:</b> Kaustubh Prakashan, Dibrugarh-01, Assam	ISBN:978-93-82283-14-0		None	yes	March-2018

<u>2.</u>	Uses Of Traditional Herbal Medicine And Satisfactory Effect Of Arjuna In Cardiac Disease. Page no-301-311	Emerging Trends In Multidisciplinary Research. <b>Editors:</b> Dr. Deep Dutta, Dr. Rupjyoti Sonowal And Dr. Ajit Goswami, <b>Publisher:</b> Kasturi Prakaxaan, Ghy-21, Assam	ISSBN:978-93-5105-359-0		None	Yes	June-18

### 3. Books published as single author or editor:

Sl.No.	Title with Page no.	Type of Book or authorship	Publisher and ISBN/ISSN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of Publication

### Conference/Symposia/Webinars/RC/OP/FDP/STC attended:

Serial No.	Name of the Programme	Duration	Organiser	Sponsoring agency
1	8 <sup>th</sup> National Conference of Indian Academy of Tropical Parasitology,	20 <sup>th</sup> to 22 <sup>nd</sup> November 2014	Regional Medical Research Centre, Dibrugarh	Indian council of Medical Research

	Tropacon 2014			
2	One Day International Workshop on Bhutan India Relations with Special Emphasis on New Horizons of Tourism	17 <sup>th</sup> October 2016	D.H.S.K College, Dibrugarh	D.H.S.K College, Dibrugarh
3	Capacity Building In Grant Writing Skills And Effective Management Of Intellectual Property Rights in Biotechnology By Universities and Research Institutions in The North East Region	16 <sup>th</sup> to 18 <sup>th</sup> November, 2016	Dibrugarh University	Universities and Research Institutions in The North East Region
4	Online Workshop On Comprehensive e-learning to e-Training Guide For Administrative Work	Two week- May25- June05, 2020	Teaching Learning Centre Ramanujan College, University of Delhi.	Ministry of Human Resource Development Pandit Madan Mohan Malaviya, National Misson on Teachers And Teaching
5	Faculty Development Programme on Open Source	One week- June08- June14, 2020	Teaching Learning Centre Ramanujan	Ministry of Human Resource Development Pandit Madan Mohan

	Tools For Research		College, University of Delhi.	Malaviya, National Misson on Teachers And Teaching
6	Faculty Development Programme on Online Teaching & Learning In India.	One week- 17 <sup>th</sup> -22 <sup>nd</sup> June 2020	Boroland University Kokrajhar (BTAD), Assam	Guru Angad Dev Teaching Learning Centre A Centre of MHRD under PMMMNMTT
7	National Webinar on Covid-19 Pandemic And Reverse Migration- The Way Forward For Rural India	One Day, 23 <sup>rd</sup> June,2020	Dept of Economics, Mankachar College, Mankachar, Assam in association with the Deptt of Economics, Hatsingimari College, Hatsingimari, Assam	Dept of Economics, Mankachar College, Mankachar
5.	One Week Online Faculty Development Programme (FDP) On Moodle Learning Management System	One week- 25 <sup>th</sup> June-1 <sup>st</sup> July,2020	Internal Quality Assurance Cell(IQAC), Jagannath Barooah College( Autonomous), Jorhat in Association with Spoken Tutorial, IIT Bombay	MHRD Govt. of India

14. Faculty: **Bhagyalakhi Baruah** (DOJ-1<sup>st</sup> Feb 2020 till date)



A. Designation: Assistant Professor

B. Qualification: M.Sc.

C. Area of Specialization: Microbiology

F. Phone number: 9678105386

e-mail ID: bhagyalakhibaruahyaahoo@gmail.com

Detail Bio-Data of Faculty:

Academic/Research experience:

a. Languages: Assamese and English

Subjects handled at UG Level: BOTANY

H<sub>4</sub>. Areas of interest:

Paper presentation in National and International Seminars/Workshops/Conferences:

a. Published Papers in Journals:

Serial No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor, if any?	No. of Co-authors	Year of publication
1	Ethnobotanical knowledge of “ahom” and “matak” community of Assam (India) to treat dysmenorrheal	International Journal of Botany Studies	2455-541X	RJIF 5.12	3	2021

14. Faculty: Mr. Ambarish Bhuyan (From 1<sup>st</sup> June 2016- 2<sup>nd</sup> Dec 2020)

Details of Publications:

a. Published Papers in Journals:

Serial No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor , if any?	No. of Co-authors	Year of publication
1	Effect of different kinds of salt and their different levels on seed germination of <i>Trigonella foenum-graecum</i> L. Page no. 1-6  Issue 1 Vol-5.	Golden Research Thoughts Vol-5(1): 1-6.	2231-5063	YES	NIL	2015
2	Ethnomedicinal plants used by the Sonowal Kacharis of Dibrugarh District, Assam, India. Page no:87-90 Issue 9 Vol 1	International Journal of Applied Research	2394-7500	YES	NIL	2015

d. Books published:

4. Articles/Chapters published in books:

Serial no.	Title with Page No.	Book title, Editor and Publisher	ISSN/ISBN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of publication
<u>1</u>	Effect of salinity stress on seed germination and early seedling growth of <i>Vigna radiate</i> (L.) Wilczek	Research Quest	978-93-82746-76-8	YES	None	YES	2015
<u>2</u>	Effect of carbonates on seed germination and early seedling growth of <i>Tigonella foenum-graecum</i> L.	Dimensions of Multidisciplinary Research Studies	978-93-5105-260-9	YES	None	YES	2016
<u>3</u>	Traditional Healing Plants used by the Mising tribe of the Brahmaputra Valley, Assam	Recent Trends In Environment And Society. <b>Editors:</b> Rajjyoti Gogoi And Bornali Nath Dowerah, <b>Publisher</b> Kaustubh Prakashan, Dibrugarh-	ISBN:978-93-82283-14-0	YES	None	YES	2018

		01, Assam					
4	Effect of BaCl <sub>2</sub> and FeCl <sub>3</sub> on seed germination of <i>Vigna radiata</i> (l.)wilczek Page no. 323-330	Emerging Trends in Multidisciplinary Research. <b>Publisher:</b> Mittal Publications <b>Editor:</b> Dr. Deep Dutta Dr. Ripunjoy Sonowal Dr. Ajit Goswami	978-93-5105-359-0	YES	NIL	YES	2018

a. /STC attended:

Serial No.	Name of the Programme	Duration	Organiser	Sponsoring agency
1	<b>Faculty Development Programme</b> on “Behavioral Remodelling and use of ICT tools for Classroom Delivery of Teachers”	One week, 01-06 July, 2019	DHSK College, Dibrugarh	Electronics & ICT Academy, Indian Institute of Technology, Guwahati



14. Faculty **Dr.Amal Bawri** (From 1<sup>st</sup> Feb 2018-30<sup>th</sup> September 2019)

Details of Publications:

a. Published Papers in Journals:

Serial No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor , if any?	No. of Co-authors	Year of publication
1	Baro, D., <b>Bawri, A.</b> & Borthakur, S. K. (2019). <i>Tolypanthus maclurei</i> (Merrill) Danser: An addition to flora of India, from Manas National Park, Assam. <i>National Academy of Science Letter</i> <a href="https://doi.org/10.1007/s40009-018-0776-1">https://doi.org/10.1007/s40009-018-0776-1</a>	<i>National Academy of Science Letter</i>	0250-541X (pr.); 2250-1754 (El.)	YES	2	2019
2	<b>Bawri, A.</b> , Gajurel, P. R. and Khan, M. L. (2018). An amplified description and conservation status of a little known endemic species: <i>primula jigmedianaw</i> . w. sm. (primulaceae). <i>J. Bombay Nat. Hist. Soc.</i> 115: 17. doi: 10.17087/jbnhs/2018/v115/105653	Journal of Bombay Natural History Society	0006-6982 (Pr.) 2454-1095 (El.)	YES	2	
3	<b>Bawri, A.</b> , Gajurel, P. R. and Khan, M. L. (2017). Lectotypifications of a few names of <i>Primula</i> species. DOI 10.1007/S12225-018-9750-9	<i>Kew Bulletin</i>	0075- 5974 (Pr.); 1874-33x (El.)	YES	2	2017
4	<b>Bawri, A.</b> and Borthakur, S. K. (2017). Lectotypifications of <i>Beilschmiediabrandisii</i> species. 27(2): 132-134.	<i>Rheedea</i>	0971-2313	YES	1	2017
5	<b>Bawri, A.</b> , Gajurel, P. R., & Khan, M.L. (2017). <i>Primula sikkimensis</i> Hook. and P.	Pleione	0973-9467	YES	2	2017

	<i>obliqua</i> W.W.Sm. (Primulaceae) – new additions to the flora of Arunachal Pradesh, India 11 (1):167-171.					
6	<b>Bawri, A.,</b> Das, A. K., & Gogoi, G.(2016). Notes on <i>Phaulopsis dorsiflora</i> (Retzius) Santapau (Acanthaceae): a lesser known species from Arunachal Pradesh and new record for India. 10(1): 174 -176.	Pleione	0973-9467	YES	2	2016
7	<b>Bawri, A.,</b> Gajurel, P. R., & Khan, M.L. (2016). <i>Primula calderiana</i> subsp. <i>bawaiia</i> new sub-species of <i>Primula calderiana</i> (Primulaceae) from Eastern Himalaya, India. 265(1):67-72	<i>Phytotaxa,</i>	1179-3155 (pr.);1179-3163 (online)	YES	2	2016
8	<b>Bawri, A.,</b> Gajurel, P. R., & Khan, M.L.(2015). Rediscovery of <i>Primula polonensis</i> .70:56	Kew Bulletin	0075- 5974 (Pr.); 1874- 33x (El.)	YES	2	2015
9	<b>Bawri, A.,</b> Gajurel, P. R., Paul, A., & Khan, M. L. (2015). Diversity and distribution of <i>Primula</i> species in western Arunachal Pradesh, eastern Himalayan region, India.7 (1):6788-6795.	Journal of Threatened Taxa	974-7907 (El);0974-7893(Pr.)	YES	3	2015
10	<b>Bawri, A.,</b> Gajurel, P. R., & Khan, M.L. (2014). New distributional records of <i>Primula</i> species in Arunachal Pradesh, India. 5(1):6-10.	Bioscience Discovery	2249-2321	YES	2	2014
11	<b>Bawri, A.,</b> Gajurel, P. R., & Khan, M.L. (2014). <i>Primula lacerata</i> (Primulaceae)-a rare species and addition to the flora of India from East Himalayan Region. 24(1):63-66.	Rheedea	0971-2313	YES	2	2014
12	<b>Bawri, A.,</b> Gajurel, P. R., & Khan, M.L.(2013). Record of <i>Primula waltonii</i> Watt ex I. B. Balfour (Primulaceae) from	Pleione	0973-9467	YES	2	2013

	Arunachal Himalaya with taxonomic notes. 7(1): 262-265					
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e. Books published:

5. Articles/Chapters published in books:

Serial no.	Title with Page No.	Book title, Editor and Publisher	ISSN/ISBN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of publication
<u>1</u>	<b>Bawri, A.,</b> Gajurel, P.R. & Borthakur, S. K. 2018. Species Composition And Community Characteristics of <i>Primula</i> Habitat In Arunachal Pradesh, Eastern Himalaya. 331-348.	Advances in Botanical Research in North East India/ EBH Publishers (India) M.L. Nehru Road, Panbazar Guwahati- 781001, Assam (India)	9789386302526	<u>YES</u>	<u>2</u>	<u>YES</u>	2018
<u>2</u>	Deka, J., <b>Bawri, A.,</b> Khan, M. L. & Tripathi, O. P. 2018. Species Diversity and Community Analysis Of <i>Apricola</i> Reserve Forest In	Advances in Botanical Research in North East India/ EBH Publishers (India) M.L. Nehru Road, Panbazar	9789386302526	<u>YES</u>	<u>2</u>	<u>NO</u>	<u>2018</u>

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2. Books published as single author or editor:

Sl.No.	Title with Page no.	Type of Book or authorship	Publisher and ISBN/ISSN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of Publication
	<b>Flora of BTAD Vol. I-IV (4 vols.)</b> EBH Publishers (India) M.L. Nehru Road, Panbazar Guwahati-781001, Assam (India)		ISBN-978-93-86302-57-1	YES	3 (Borthakur, S. K., <b>Bawri, A.</b> , Baro, D. & Baro, A.)		2018
2	<b>Advances in Botanical Research in North East India</b> EBH Publishers (India) M.L. Nehru Road, Panbazar Guwahati-		ISBN-978-93-86302-526	YES	2 (Borthakur, S. K., <b>Bawri, A.</b> , Nath, N.)		2018

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