

PRAGJYOTISH COLLEGE

Year of Establishment: 1954

(ANNUAL REPORT FOR THE PERIOD APRIL 2021 TO MARCH 2022)

Address: Santipur, P.O- Bharalumukh, Dist: Kamrup (M) Guwahati, Pin- 781009

Website: <u>www.pragjyotishcollege.ac.in</u>

College E-mail ID: <u>pragcollege@yahoo.co.in</u>

Name of the Principal: **Dr. Manoj Kr. Mahanta**

Mobile No: 98649-80654

E-mail ID of the Principal: mkmahanta06@yahoo.co.in; principal@pragjyotishcollege.ac.in

Type of Management: State Govt. (Provincialized)

Year of Provincialization: 1958

Year of reorganization of UGC Act, 1956 under section 2 F 1964 Under Section 12 B 1989

Year of last NAAC accreditation: **2021** (**3rd cycle**) Grade /Points obtained: **Grade B** / Points: **2.47** (under Revised Accreditation Framework (RAF)

Programmes offered:

Programmes	Year of first affiliation	Year of permanent affiliation
B.A.	1960-61	1989-90
B.Sc.	1960-61	1989-90
B.Com.	2001-02	
BCA	2006-07	
BBA	2007-08	
M.A.in Assamese	2003-04	
M.A./M.Sc. in Economics	2018-19	
MTM	2005-06	
Diploma, Fine Arts	2017-18	
Diploma Performing Arts	2017-18	
M.A in Education	2020-21	
M.A./M.Sc. in Geography	2020-21	
M.Sc. in Geology	2020-21	
M.Sc. in Zoology	2020-21	

New Academic Programmes introduced during 2020-21: Nil Student Enrollment during 2021-22:

a) Under Graduate:

Course	Semester	Intake		. adm	itted		SC		S	ST(I	?)	S	T (1	H)		BC OB]	PH	
Faculty		capacity	M	F	Т	M	F	T	M	F	Т	M	F	Т	M	F	T	M	F	T
	1 st Sem/ 2 nd Sem	350	148	280	428	13	11	24	22	48	70	8	12	20	38	55	.03	0	0	0
B.A.	3 rd Sem/ 4 th Sem.	350	88	149	237	9	9	18	5	12	17	7	9	16	29	37	66	0	0	0
	5 th Sem./ 6 th Sem.	350	83	154	237	6	16	22	11	20	31	12	8	20	22	19	71	0	1	1
	1 st Sem/ 2 nd Sem	350	228	122	350	16	10	26	22	4	26	5	2	7	46	33	79	0	0	0
B.Sc.	3 rd Sem/ 4 th Sem.	300	92	66	158	4	1	5	7	3	10	2	3	5	28	18	46	0	0	0
	5 th Sem./ 6 th Sem.	300	147	69	216	17	6	23	15	11	26	5	5	10	52	24	86	0	0	0
B.Com	1 st Sem/ 2 nd Sem	300	228	85	313	14	4	18	15	6	21	3	4	7	53	25	88	0	0	0
	3 rd Sem/ 4 th Sem.	300	98	45	143	9	1	10	8	3	11	1	0	1	22	10	32	0	0	0
	5 th Sem./ 6 th Sem.	300	142	51	193	17	6	23	10	3	13	1	1	2	42	14	56	0	0	0
	1 st Sem/ 2 nd Sem	50	40	9	49	1	0	1	8	0	8	3	0	3	19	3	22	0	0	0
BBA	3 rd Sem/ 4 th Sem.	50	23	9	32	3	0	3	2	0	2	0	0	0	6	0	6	0	0	0
	5 th Sem./ 6 th Sem.	50	25	8	33	2	1	3	2	0	2	3	1	4	3	3	6	0	0	0
BCA	1 st Sem/ 2 nd Sem	50	58	6	64	9	0	9	7	0	7	0	1	1	14	3	17	0	0	0

	3 rd Sem/ 4 th Sem.	50	32	5	37	2	0	2	0	1	1	0	0	0	11	2	13	0	0	0
	5 th Sem./ 6 th Sem.	50	28	4	32	1	0	1	3	1	4	0	0	0	7	1	8	0	0	0
Diploma	Fine Arts		3	3	6	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0
Course	Performing Arts		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

b) Post-Graduate (subject wise):

Subject	Semeste r	Intake capacit	A	No.		S	S.C.		S	.T(l	P)	S.	T. (]	H)		OB(]	P.F	I.
		y	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	N	F	T
Assames e	1 st Sem/ 2 nd Sem	50	4	35	39	0	2	2	1	1	2	0	0	0	2	13	15	0	0	0
	3 rd Sem/ 4 th Sem.	50	7	22	29	0	4	4	0	3	3	0	0	0	0	11	11	0	0	0
Economi cs	1 st Sem/ 2 nd Sem	20	5	17	22	0	0	0	0	1	1	1	0	1	1	3	4	0	0	0
	3 rd Sem/ 4 th Sem.	20	3	16	19	0	1	1	0	0	0	0	0	0	1	4	5	0	0	0
Educatio n	1 st Sem/2 nd Sem	20	1	18	19	0	0	0	0	3	3	1	2	3	0	0	0	0	0	0
	3 rd Sem/ 4 th Sem.	20	1	10	11	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0
Geograp hy	1 st Sem/ 2 nd Sem	15	5	12	17	0	1	1	1	0	1	0	0	0	5	3	8	0	0	0
	3 rd Sem/ 4 th Sem.	15	3	10	13	0	0	0	0	1	1	0	0	0	0	5	5			
Geology	1 st Sem/ 2 nd Sem	10	6	12	18	0	0	0	2	2	4	0	1	1	3	7	10	0	0	0
	3 rd Sem/ 4 th Sem.	10	6	3	9	0	0	0	0	1	1	0	0	0	4	1	5	0	0	0

	1st Sem/	12	9	8	17	0	1	1	1	0	1	0	0	0	3	2	5	0	0	0
Zoology	2 nd Sem																			
	3 rd Sem/	12	4	9	13	0	0	0	0	1	1	0	0	0	0	4	4	0	0	0
	4 th Sem.																			
	1st Sem/	30	6	13	19	1	0	1	3	0	3	0	0	0	2	4	6	0	0	0
MTM	2 nd Sem																			
	3 rd Sem/	30	1	10	27	0	1	1	0	4	4	0	0	0	3	3	6	0	0	
	4 th Sem.		7																	

Final Examination Result (Regular Programmes only):

i) Appeared:

Examination		Total opear			SC		S'	Т (Р	P)	S	Т(Н	(I)	ОВО	C/ M (ОВС		РН	
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	Т
B.A. (General)	11	26	37	1	2	3	1	1	2	1	2	3	2	3	5	0	0	0
B.Sc. (General)	12	8	20	1	1	2	1	1	2	2	1	3	2	1	3	0	0	0
B.Com.(General)	26	10	36	1	0	1	0	0	0	0	0	0	4	2	6	0	0	0
BBA	5	3	8	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
BCA	40	3	43	7	0	7	4	1	5	4	0	4	7	1	8	0	0	0
Fine Arts	3	3	6	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0
Performing Arts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ii) Passed

Examination		Total Passe			SC		S	T (F	")	S	T(H	()	OB MC				PH	
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
B.A. (General)	5	19	24	1	1	2	1	2	3	0	0	0	1	2	3	0	0	0
B.Sc. (General)	5	3	8	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
B.Com.(General)	3	3	6	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
BBA	3	3	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
BCA	12	1	13	3	0	3	1	0	1	2	0	2	1	0	1	0	0	0

Fine Arts	3	3	6	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0
Performing Arts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Final Examination Result: (Under graduate Major Course/Honours Programme-Subject wise.)

i) Appeared

Major subject		Total ppear			SC		S	T (P	")	S	Т(Н)	OB MO				PH	
	M	F	Т	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
English	15	28	43	1	1	2	1	2	3	0	0	0	3	4	7	0	0	0
Assamese	8	19	27	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Economics	8	10	18	1	1	2	1	0	1	0	0	0	2	2	4	0	0	0
Hindi	6	7	13	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Bengali	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
History	6	9	15	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Pol. Science	13	12	25	1	1	2	1	2	3	0	0	0	3	3	6	0	0	0
Geography	12	18	30	1	2	3	1	1	2	1	0	1	3	2	5	0	0	0
Philosophy	5	6	11	0	1	1	1	1	2	0	0	0	1	2	3	0	0	0
Education	7	9	16	1	1	2	1	1	2	0	0	0	1	2	3	0	0	0
Mathematics	11	7	18	2	1	3	1	1	2	0	1	1	2	1	3	0	0	0
Statistics	7	2	9	1	0	1	0	0	0	0	0	0	2	1	3	0	0	0
Anthropology	8	5	13	1	1	2	1	1	2	0	0	0	2	1	3	0	0	0
Sanskrit	1	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Physics	23	4	27	1	1	2	2	0	2	0	0	0	3	0	3	0	0	0
Chemistry	19	9	28	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
Botany	12	10	22	1	1	2	1	2	3	0	0	0	3	4	7	0	0	0
Zoology	19	18	37	1	1	2	1	2	3	0	0	0	4	3	7	0	0	0
Geology	19	9	28	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
Computer Science	8	2	10	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0
Accountancy	21	9	30	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
Management	25	11	36	1	1	2	1	2	3	0	0	0	3	4	7	0	0	0

Finance	15	13	28	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
E Commerce	4	3	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

ii) Passed

Major subject	Total Passed M F T		SC			ST	(P)		ST((H)		OB MC			PH			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	Т	M	F	T
English	12	25	37	1	1	2	1	2	3	0	0	0	2	2	4	0	0	0
Assamese	7	16	23	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Economics	7	9	16	1	1	2	1	0	1	0	0	0	2	2	4	0	0	0
Hindi	6	6	12	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Bengali	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
History	4	8	12	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0
Pol. Science	11	8	19	1	0	1	1	1	2	0	0	0	3	1	4	0	0	0
Geography	10	12	22	1	2	3	1	1	2	1	0	1	3	2	5	0	0	0
Philosophy	5	6	11	0	1	1	1	1	2	0	0	0	1	2	3	0	0	0
Education	5	7	12	0	1	1	1	1	2	0	0	0	1	1	2	0	0	0
Mathematics	9	5	14	2	1	3	1	1	2	0	1	1	2	1	3	0	0	0
Statistics	3	2	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anthropology	7	4	11	1	1	2	1	1	2	0	0	0	2	0	2	0	0	0
Sanskrit	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Physics	16	3	19	1	0	1	2	0	2	0	0	0	3	0	3	0	0	0
Chemistry	14	6	20	2	0	2	1	1	2	0	1	1	0	1	1	0	0	0
Botany	7	9	16	1	1	2	1	1	2	0	0	0	1	1	2	0	0	0
Zoology	16	16	32	1	1	2	1	2	3	0	0	0	1	2	3	0	0	0
Geology	15	7	22	2	1	3	1	1	2	0	1	1	0	1	1	0	0	0
Computer Science	4	2	6	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0
Accountancy	13	8	21	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
Management	20	9	29	1	1	2	1	1	2	0	0	0	3	1	4	0	0	0

Finance	12	10	22	2	1	3	1	1	2	0	1	1	0	2	2	0	0	0
E Commerce	3	3	6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Final Examination Result (Post Graduate Programmes- Subject wise)

a) Appeared

Subject	Total Appeared		S(SC		ST (P)		ST(H)		OBC/ MOBC			PH				
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Assamese	4	36	40	0	4	4	0	2	2	0	0	0	1	5	6	0	0	0
Economics	4	13	17	0	1	1	0	0	0	0	0	0	1	2	3	0	0	0
MTM	17	10	27	0	1	1	2	2	4	0	0	0	3	3	6	0	0	0

b) Passed

Subject	Total Passed			SC		ST (P)			ST(H)			OBC/ MOBC			PH			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Assamese	2	25	27	0	3	3	0	1	1	0	0	0	1	3	4	0	0	0
Economics	2	9	11	0	1	1	0	1	1	0	0	0	1	1	2	0	0	0
MTM	16	10	26	0	1	1	1	2	3	0	0	0	3	3	6	0	0	0

Library facility as on 31-03-2022:

No. of Books	No. of Periodicals	No. of Manuscripts	No. of Journals	No. of E-journals	No. of library users during 2021-22
61078	21	NIL	07	1500	3425

Detail of Teaching Staff as on 31-03-2022:

Number of		Total		Number of teachers with								
Assistant Professors	Associate Professors		Ph.D.	M Phil	NET	SLET	D. Lit	D. Sc				
44	29	73	46	18	23	13	NIL	NIL				

Computer and Internet facilities:

a) Total number of Computers:	155
b) Number of computers with INFLIBNET- NLIST access:	4
c) Number of ICT enabled class room(s) / smart class room (s):	18

Extra-curricular and Co-curricular activities:

a) No. of N.C.C. Cadets:	308
b) No. of N.S.S. Volunteers:	100
c) No. of Scouts & Guides /Rovers /Rangers:	12

- d) Achievements/Awards of students in Regional/National events:
 - 1. Gitanjali Nath, an NCC cadet of the 50 Assam Air SQN. of the college represented her in the Annual NCC Republic Day Camp in New Delhi between 18 December to 29 January 2022.
 - 2. Manaranjan Sarkar, cadet of the 50 Assam Air SQN. of the college received the 'Bir Chilarai Award' for the best NCC Cadet during 2021-22.

Faculty development programmes organized by the college during 2021-22:

➤ One-week Online Faculty Development Programme for faculty's on "R Programming" from 5th July to 11th July, 2021 organized by Academic Center-ILM, Pragjyotish College in collaboration with Spoken Tutorials, IIT Bombay as a part of National Mission on Education through ICT, Ministry of Education, Govt. of India.

Seminars/Workshop/Webinars conducted (2021-22):

	Seminars/Workshop/Webinars	Organized by		
1.	Online webinar on the ocassion of World Environment Day to the topic "Wetland Conservation and Restoration: Need of the Hour."5th June, 2021			
2.	Two days Hands on training workshop for Microscope maintenance and repair to Laboratory Bearers_Botany 9th to 10th December 2021	Dept. of Botany		
3.	Seminar on NEP2020 at conference gallon 18/12/2021. Speaker: Dr. Nirada Devi, Director SCERT, Govt. of Assam.			
4.	Webinar on National education policy 2020(Benefits and challenges in tourism education) Resource Person: Arijit Purkayastha, CEO Koyeli Travels	Dept. of Tourism Management		
5.	5th June 2021; Webinar for Celebration of World Environment Day, Topic: a) Geo-spatial Technology and Biodiversity Conservation, Speaker: Madhumita Bothakur, Aranyak; b) Eco-system and human Well-being: learning from the neighborhood, Speaker: Jayanta Kumar Pathak, Aranyak			
6.	6. 20th July 2021; International Workshop on Nanotechnology Experiment Design, Resource Person Prof. Achintya Bezbaruah and Dr. Tonoy Kumar Das, North Dakota State University, USA. Dept. of Chemistry			
7.	30th November 2021; Seminar on Supra-molecular Chemistry, Speaker: Prof. Manjit Kumar Bhattacharya, Cotton University.			
8.	8th January 2022; Webinar on NEP 2020: A brief discussion emphasizing higher education sector, Speaker: Prof. Anup Kumar Talukdar, Gauhati University.			
9.	Webinar on 'Fasciniting World of Reptiles' on occasion of World Environment Day 2021, Speaker Prof Saibal Sengupta of Assam Don Basco University - 5/6/2021	Dept. of Zoology		
10	International workshop on Neno technology, Experiment, Design jointly organized by Department of Zoology and Chemistry, Pragjyotish College in Collaboration with			

UniversityUSA - 20/7/2021 1 Hands on Training on Picinformatics and Computational Piclogy for LIC and PC students	-
1. Hands on Training on Bioinformatics and Computational Biology for UG and PG students by Airy Sanjeev - 7 to 23 Nov 2021	
2. Campus Bird Count 1.0: A sub event of Global Great Backyard Bird Count - 19/2/2022	
3. National Science Day 2022 - 28/2/2022	
4. Popular talk on 'Conservation of Iconic Primates in Anthropocene in Assam, India' on occasion of World Wildlife Day, Speaker Dr. Jihosuo Biswas - 3/3/2022	
5. Popular talk on 'Research Opportunity in Herpetology' under MoU signed between Pragjyotish College and Don Bosco University, Speaker Dr. Sushi K. Dutta - 16/3/2022	
6. Interactive session for PG students with Prof. J.C. Kalita - 30/3/2022	
7. A POPULAR TALK ON PRESENT GEOPOLITICAL CRISIS IN THE WORLD & INDIA'S GEOPOLITICAL STAND by DR. MAHESH RANJAN DEBATA Assistant Professor Centre for Inner Asian Studies, School of International Studies Jawaharlal Nehru University organised by PG Department of Geography, Pragjyotish College on 25TH MARCH 2022.	Dept. of Geography
8. A WEBINAR on Insights on National Education Policy-2020 by Professor (Dr.) Minati Panda, Professor, Cultural Psychology and Education, JNU & Director, National Multilingual Education Research Consortium organised by PG Department of Geography, Pragjyotish College on 29TH JANUARY 2022.	
9. One Day Seminar on National Education Policy (NEP) 2020 (as a multi-disciplinary activity) by the Department of Mathematics, Philosophy, History and Economics on 27/12/2021, No. of Participants:68	Dept. of Mathematics, Philosophy, History and Economics
0. National Webinar on "Successful Co-operative Business Model" in collaboration with the National co-operative Union of India (NCUI) organized by the Department of Economics on 03/03/2022, No. of Participants:100	Dept. of Economics
1. Workshop on 'Pandulipi Prastuti', 20.04.21. Resource Person: Dr. Jyotirmoy Sengupta, Participants (from the Bengali Department of different colleges in Guwahati) = 48. Place: Library Seminar Hall.	
2. Workshop on 'Anubad Charcha', 21.04.21. Resource Persons: Dr. Santanu Roychowdhury (HOD Bengali Department, Pandu College) and Dr. Jyotirmoy Sengupta. Participants (from the Bengali Department of different colleges in Guwahati) =48. Place: Library Seminar Hall.	
3. Workshop on 'Proofreading', 12.09.21. Resource Person: Dr. Jyotirmoy Sengupta. Participants (from the Bengali Department of different colleges in Guwahati) = 63. Place: Room G110.	Dept. of Bengali
4. Talk on 'Bangla Chitranatya Rachana', 08.12.2021. Resource Person: Dr. Jyotirmoy Sengupta. Participants =10(students). Place: Room no G109.	
5. Webinar on 'Digital Humanities o Bangla Bidyacharcha', 06.02.2022. Resource Person: Dr. Tanmay Bir (HOD Bengali Department, Sarsuna College, Kolkata). Participants= 56 (from the Bengali Department of different colleges in Assam and Kolkata).	

Research Projects (2021-22):

a. Completed

- Dr. Gangotri Bhuyan of Anthropology department successfully completed ICSSR funded minor project titled 'An Analytical Study on Social and Community-Driven Preparedness, Challenges and Responses to COVID-19' in December 2021.
- 2. Dr. Ranjan Kr. Bora of Botany Department successfully completed BRNS funded major research project titled 'Application of Physical Mutagen for improvement of Quality in two Indigenous Orchid species of Assam' in March 2022.

3. Dr. Bidyut Bikash Baishya of Economics department successfully completed ICSSR funded minor project titled 'Health care service deliveries through ESI Scheme in North-East India: A Comparative Assessment' in August 2022.

b. Ongoing

- 1. Major Research Project under the DST-TARE scheme entitled "Synthesis and characterization of dinuclear metal complex for peroxidic epoxidation", for the duration of 3 years (2021-2024) with sanctioned amount of 18.3 lacs INR sanctioned to Dr. Saitanya Kr. Bharadwaj, Dept. of Chemistry, Pragjyotish College in collaboration with IIT, Guwahati.
- 2. ASTEC Research Project on Promotion of rural community tourism products and alternative livelihood of Thuruk Village in Dima Hasao of Assam for a duration of 1 year (2020-22) at a sanctioned amount of 1,00,000 INR sanctioned to Dr. Jayanta Deka, Dept. of Zoology, Pragjyotish College.
- 3. Major Research Project under ICHR Research grant entitled "Ancient society of the Biates: A Historical study at Dima Hasao District, Assam with Sanctioned amount of 3.25 lacs INR for a period of two years (2021-2023) sanctioned to Dr. Avijit Kr. Dutta, Dept. of English, Pragjyotish College.

Academic activities:

- a. Publication of research papers in peer reviewed/UGC care list journals during 2021-22.
- 1. A. Baruah & A. J. Dutta, 2021, On the Class of P bounded variation sequence of interval numbers, Fasciculi Mathematics, Nr 65, 39 45. (0044 4413)
- 2. Pradhan, Amit Kumar, and Bhaben Tanti. "Evaluation of the potential yield and associated component traits of lowland Boro rice cultivars in Assam, India." Vegetos (2022): 1-11.
- 3. Regon P, Dey S, Rehman M, Pradhan AK, Chowra U, Tanti B, Talukdar AD, Panda SK. Transcriptomic Analysis Revealed Reactive Oxygen Species Scavenging Mechanisms Associated with Ferrous Iron Toxicity in Aromatic Keteki Joha Rice. Front Plant Sci. 2022 Feb 24; 13:798580. doi: 10.3389/fpls.2022.798580. PMID: 35283928; PMCID: PMC8913046.
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- 11.Ira Das, 2022. Assessment of Inter-District Disparity in Maternal and Child Health in Assam: Evidence from the National Family Health Survey (NFHS)-5 (2019-20). Aitihya The Heritage. XIII (1). 55-67. (ISSN. 2229-5399) (UGC care listed Journal)
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- 16.Kabita Doloi.2021. Pracya. The Concept of Moksa in Samkhya Philosophy: A Study in the Light of Samkhya Karika. ISSN 2278-4004
- 17. Krishna Das with Bayas et al. 2022. Drivers of tropical forest loss between 2008 and 2019. Scientific Data, 9 (146), (ISSN 2052-4463). (IF 8.5)
- 18.Mridusmita Devi.2021. Issues and Challenges of Child Marriage in India with special reference to Sivasagar district of Assam. Sampriti . Volume VII. Issue -II, September, 2021, ISSN: 2454-3837
- 19.Mridusmita Devi 2021. Education system: problems and reforms. Third Concept.vol 35 No.411-412 May June 2021, ISSN 0970-7247
- 20.Priti Baishya. 2021.Swasthya par covid -19 mahamari ka prabhaw. Journal of Research and Development, volume -11, Issue -21, 85-88. (ISSN 2230-9578). (IF 7.265)
- 21. Saitanya Kr Bharadwaj & colleagues, 2021, BioNanoScience volume 11, pages 825-837, electronic ISSN: 2191-1649; Print ISSN: 2191-1630
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- 23. Seema Kaur. 2021.Rights of tribal women -with special reference to the matrilineal descent system of the khasi tribe of Meghalaya. B.Aadhar International Peer Reviewed Indexed Research Journal. 291(CCXCI) G.44. ISSN 2278-9308. SJIF 7.675

- 24. Seema Kaur and M.A. Badhul Haq. 2021. Ladybirds aphidophagous coccinelids (Coleoptera) as biological contral agents of aphids: A review. International Journal of Green and Herbal Chemistry. 8(1).7-28. ISI (2.205)
- 25. Troubled Periphery Crisis of India's North East', by Subir Bhaumik, New Delhi: Sage Publications India Pvt. Ltd, Paperback Edition, 2015, pp. 305' in 'Journal of Politics', An Annual Publication of the Department of Political Science, Dibrugarh University, Vol. XXI, 2021, Pp. 283-297.

b. Publication of Chapter(s) in Books during 2020-21 (only those considered for API Score).

Faculty Name	Publication of Chapter(s) in Books during 2021-22
Amit Kumar Pradhan	Published a book chapter entitled "Dissecting the Molecular Basis of Drought-Induced Oxidative Stress Tolerance in Rice." Molecular breeding for rice abiotic stress tolerance and nutritional quality (2021): 249-273.
Chandana Sharma	Published a book chapter entitled Vyaavahaarik Anuvaad Ek Adhyayan: Vyaavahaarik Anuvaad Ki Chantaya. Edited by Dr. Jahidul Dewan, published by Academic Publishing Network, New Delhi, ISBN 978-81-948641-9-6. 2021
Chandra Kant Pawe	Land use and land cover of Assam. In: An Illustrated Geography of Assam. Edited by A. K. Bora and M. Nath, published by EBH Publishers (India), ISBN 9789392038433 Assessing Forest change trajectories along the Assam-Arunachal Pradesh border using open-source data. In: Geo-spatial technologies in Rural development. Edited by A. Simhachalam and R. Murugesan, published by Today & Tomorrow's Printers and Publishers (India), ISBN 9789391734756.
Daijee Kalita	Published a book chapter entitled 'Role of Ojapali in Transmitting Manasa Myth among the Common People of Assam' in Belief Narratives in Folklore Studies Narrating the Supernatural. Edited by Dilip Kumar Kalita, published by ABILAC, Rajaduar, Guwahati, ISBN 978-93-82680-39-0.2021
Gangotri Bhuyan	An Exploratory Study on Prehistoric Settlement Pattern in Bibragre, West Garo Hills. In: Archaeology in Northeast India. Edited by M. K. Chauley & M. Hazarika published by Research India Press, New Delhi, ISBN 978-93-5171-171-1. 2021
Ira Das	 Published a book Chapter entitled Ekabinxa Xatikar Xeshat Biswar babe Janabishforon ek samasya hoi Thakibone? (pp.113-123) in Arthabyebastha, Axom aru Akabingxa Xatikar Pratyahban edited by Prof. M. P. Bezbaruah and Dr. Amiya Sharma, GU and published by Maliyata Offset, Mirza (ISBN.978-81-950266-2-3, July 2021). Published a book Chapter entitled Whether area or productivity is a more influential factor for production of horticulture crops? Evidence from Assam (pp.155-163) in Impact of COVID-19 on Health and Economic Issues of India edited by Debasis Bhattacharya and Daya Shankar Kushwaha and published by A.K. Das Gupta Centre Visva-Bharati (ISBN.978-93-93878-53-3, 2022).
Jugashree Kakati	Tourism industry and covid 19 pandemic: Impact of covid 19 pandemic in India, Equity, inclusion and exclusion. Edited by Prof Rajendra Dhar Dubey, Dr Karavi Barman, Dr Kasturi Bora, published by The Write Order Publications, Koramangala, Bangalore, ISBN -978-93-5565-199-0.2022)
Krishna Das	Published a book chapter entitled GIS MAPPING OF PUBLIC OPEN-SPACE AREAS FOR TEMPORARY QUARANTINE/SHELTER CAMP SET-UP IN DHEMAJI DISTRICT OF ASSAM In: Covid-19 in Indian Society: Social Sciences Perspectives. Edited by B. I. Laskar et al. published by Lap Lambert Academic Publishing, Mauritius, 2021, ISBN 978-6203042580. 2021

Mridusmita Devi	Published a book chapter entitled Education in the COVID Era- with special reference to Digital India:VISTA, Edited by Dr.S Rahman and Dr. D. Baruah, published by S.J. Haloi, Kaziranga Printing House,ISBN 978-81-948413-8-8.
Pallabi Dutta	Published a book chapter entitled (Rashlilar Tatparya). Edited by Dr. Tapan Dutta and Dipankar Neog, published by Barnamala Prakashan, T.R.P.Road, Jorhat-1, 2021. ISBN: 978-93-92815-05-8
Sabrina Iqbal Sircar	Published a book chapte Re-reading and Reconstructing the Female Body Experiences from Northeast India IN Interface: Language, Ecology and Gender in North East India published by Exceller books, Kolkata ISBN: 978-93-97046-25-5
Samrat Dey	Published a book chapter Dependence of Particle Current and Diffusion on the System Parameters in a Model Under-damped Inhomogeneous Periodic Potential System, Selected Progresses in Modern Physics, Springer (Singapore), 73-83 (2021), I.S.B.N 978-981-16-5140-3 (and - 978-981-16-5141-0). https://link.springer.com/chapter/10.1007/978-981-16-5141-0_8
Sangeeta Das	Published a book chapter on The Biological Diversity Act, 2002: A legal instrument for protection - Biodiversity and Traditional Knowledge. Emerging Trends in Life Sciences. Assam. 1(1).344-353. ISBN 9789390706082.
Sun Gogoi	Published a book chapter entitled 'Ecological Activism of Nature's Beckon with Special Reference to Assam: A Case Study of Its Interactions with the State and Society', in Dr. Safiqur Rahman and Dr. Rupa Rani Sonowal (Eds), CREDENCE, Volume-ill, Part-I, Guwahati: Kaziranga Printing House, Chandmari, March, 2022; pp. 43-52 (ISBN- 978-81-9561 83-0-9).

c. Publication of Books during 2021-22 (only those considered for API Score).

- Samrat Dey et al. of Physics department published a book on Progresses in Modern Physics, published by Springer, Singapore, 2021. I.S.B.N. - 978-981-16-5140-3. https://link.springer.com/book/10.1007/978-981-16-5141-0
- Bhrigu Kumar Nath of Geography department published a textbook on Geography under graduate 5th semester course published by Mani Mani Prakash, Guwahati. I.S.B.N. - 978-9389-500431

d. Details of Books and Journals published by the College during 2021-22:

 PRAGCONSILIENCE- a multilingual peer-reviewed annual research journal of humanities and social science, science and commerce published by Pragjyotish College Research Council, ISSN-24566861.

e. Details of papers presented by the teachers during 2021-22:

Faculty Name	Details of papers presented by the teachers during 2021-22:
Anjali Devi	Presented a paper on "Influence of Puranic Tradition of Sukreswar Devalaya" in the
	National seminar on "Socio cultural Milieu of Assam and Tripura Through the Lens of
	Epics and Puranas" under UGC special Assistance Programme, organised by the
	Department of Sanskrit, GU, March 25 & 26, 2021

Kalpana Talukdar	Presented a paper on "Asamiya Dehbisarar Geet Aru Charyageet: Eti Tulanamulak
	Alochana" in the international conference. Date 03-08-2022 to 06-08-2022.
Amit Kumar Pradhan	> Presented a paper on "Effect of Variable Component Traits in the Potential Yield of
	Boro Rice (Oryza sativa L.) Cultivars" in 11th Annual University Research
	Symposiuim organized by The University of West Alabama, Livingston, AL, USA
	from March 8-9, 2022. Awarded with second position in presentation.
	> Presented a paper on "Analysis of the relationship between variable component traits
	in the potential yield of boro rice (Oryza sativa l.) cultivars of Assam, India" in
	ISPEC 9th INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL
	SCIENCES AND RURAL DEVELOPMENT Organized by BURDUR MEHMET
	AKIF ERSOY UNIVERSITY, TURKEY from March 19-20, 2022
Bhrigu Kumar Nath	Paper presented on IGS- E Conference from 5th to 7th August, 2021 organized by
	Osmania University Paper presented on International e- Conference on Environment
	and Health - Frontiers Ahead from 25th to 26th February, 2022 organized by Adamas
	University
Chandana Sharma	Presented a paper on "Vyvaharik Anuvaad Ki Chunotiya"in international webinar on
	Challenge in pratical translation organized by Shodhsamvad-Research Foram, New
	Delhi from 7to8 July 2021
Chandra Kant Pawe	➤ "Quantifying built-up expansion in an urban agglomeration of North east India" in
	IGS E-Conference on Earth Sciences and Sustainable Development Goals organised
	by Osmania University, Telangana from 5-7 August, 2021
	> "Assessing forest change trajectories along the Assam-Arunachal Pradesh border
	using open-source data" in National Seminar on Geo-Spatial Technologies in Rural
	Development organised by NIRDPR-NERC, Guwahati from 9-10 February, 2022
Ira Das	Presented a research paper entitled Sustainable Development: Where Does the North
	East India Stand? in Scientific International Online Conference (ICBMSEA-2021),
	Bangkok, Thailand (Reference No. ICBMSEA-2021/BPP/06) organized jointly by
	Research Culture Study, Management Institute, Warsaw University of Life Science-
	SGGW, Poland and Scientific Research Association, India on 26th and 27th June 2021
Jyoti Prasad Das	ICSSR sponsored National Seminar held at Darang College, Tezpur on September 9th &
	10th 2022. Degrading Environment is Challenging the Primary occupations:A micro
	level study on the wetland based economy in Nalbari district Assam,India
Kannaki Kalita	Presented a paper on "Fundamental Applied and Innovative Research Technique" [
	ICSRD-021/SJRC-TRD/SEM -054] in the ICSRD Sponsored Multidisciplinary
	International Seminar on Fundamental Applied and Innovative Research Techniques
	Global Issues in Current Technical Research Scenario" (FAIRT- GICTRS 2021) held
	on 27th and 28th July 2021
Karabi Kherkatary Boro	Presented a paper on "Charyapad aru Borgeetor bhasar karak : eti tulanamulak
	Alochona" in the International Conference and Workshop on Charyapad, Language,
	Literature and Culture jointly organized by Asom Kalatirtha and Director of Cultural
	Affairs, Govt. Of Assam and University of Science & Technology, Meghalaya in
	Collaboration with Dispur College, Guwahati from 3 to 6 August, 2022.
1	1

Krishna Das	Presented a paper on APPLICATION OF OPEN-SOURCE GEOSPATIAL TOOLS
	FOR BUILT-UP AREA MAPPING IN BARAK VALLEY REGION, ASSAM― in
	the Online National Seminar on Geo-Spatial Technologies in Rural Development
	organized by NIRD-NERC Guwahati, Assam from 09 to10 February, 2022.
Pallabi Dutta	Presented a paper on " Ayurvedic Science of Diet and Nutrition" in the 4th International
	Conference on Food and Nutrition organized by United Society of Food and Nutrition
	(USFN) held on 23rd & 24th September, 2021.
Sun Gogoi	Presented a seminar paper entitled 'Situating the Immigrants in Socio-
	Political Unrest: Assam Movement, Nellie Massacre and subsequent
	communal consolidation in Assam' in a national seminar (ICSSR sponsored)
	organized by Digboi Mahila Mahavidyalaya, dated: 06.03.22.

f. Refresher Course/Orientation Course/Short Term Course/Faculty Development Programme/Faculty Induction Programme attended by the teachers during the 2021-22:

Faculty Name	Refresher Course/Orientation Course/Short Term Course/Faculty Development Programme/Faculty Induction Programme attended by the teachers during current year (1st April, 2021- 31st March, 2022)
Samrat Dey	Virtual Workshop on Density Functional Theory and Its Applications
Jyotirmoy Sengupta	STC on 'Study of Digital Humanities in Assamese and Bengali Language and Literature', dt. 21-27 March, 2022, organized by HRDC, G.U in association with Bengali Department, Pragjyotish College.
Amar Jyoti Dutta	Refresher course (31August 2021 to 14 Sept 2021)
Amit Kumar Pradhan	 Professional Development Programme on Molecular Data Analysis through Bioinformatics tools organized by SV Agricultural College, ANGRAU, Tirupati from 01- 11-2021 to 10-11-2021. AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Programme on "Genome Engineering for Environment" organized by IIT, Guwahati from 23-08-2021 to 27-08-2021
Bagmita Bhagawati	National Level online one week Faculty Development Programme on Research Methodology from 26th April to 1st May, 2021 Three days National Online FDP on ICT tools for effective teaching learning from 8th June to 10th June, 2021
Barnali Mahanta	FDP, 19th July - 23rd July, 2021, Amity University, Kolkata
Bhrigu Kumar Nath	FIP-Completed from 19th to 18th July, 2021 RC- Completed from:22 August to 5th September, 2022 on Advance Research Methodology FDP- Completed from 5- 11th July, 2021 FDP- Completed from 2nd - 6th August, 2021 FDP- Completed from 20- 25th September, 2021
Chandra Kant Pawe	#Refresher course on Geography, Geographers and Geospatial Technologies (22 Nov 06 Dec., 2021) #FDP on Climate change analysis using R and cloud computation (19-26 July, 2021)
Dipali Baruah	1.Faculty Development Programme on 'R' organized by IIT Bombay from 5th July to 11th July 2021.

Anjali Devi	Faculty Development Program1) National workshop on UG CBCS Sanskrit Syllabus from 30-06-2021 to 11-07-2021 2) 7 Day's International webinars on Yoga & Holistic health, organised by Maharshi Mahesh Yogi Vedic Vishwavidyalaya (MP) sponsored by UGC from 15th to 21st June 2021.
Gangotri Bhuyan	FIP (18 MAY - 17 JUNE, 2021) RC (07 - 21 JUNE, 2021) FDP (07 - 13 MARCH, 2022)
Gargee Sharmah	1. Completed 2- week online Faculty Development Programme (FDP)on Development for Course for SWAYAM (MOOCs) from 19th May, 2021 to 2nd June, 2021
Himadri Saikia	Faculty induction programme, 18th May-17th June, 2021.
Jibonjyoti Buragohain	Faculty in Universities/Colleges/Institutes of Higher Education• from 19 June - 18 July, 2021 organized by Teaching Learning Centre, Ramanujan College, Delhi.
Kannaki Kalita	Refresher Course on "Interdisciplinary Studies and Research" organized by UGC-HRDC GU in Association with Department of Geography, GU under RUSA 2.0 on 14th to 27th February 2022.
Langtuk Terang	Orientation Course
Namita Das	FDP ON R PROGRAMMING FROM 2021-07-05 to 2021-07-11 organized by Pragjyotish College with course material provided by Spoken Tutorial Project, IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay.
Pallabi Dutta	 Online FDP on E-learning platform, duration: 31 May-05 June, 2021 from IIT, Guwahati. Online FDP on Developing Moocs: Concepts and Tools. Duration: 10/03/2022-16/03/2022 from Teaching Learning Centre, Ramanujan College, University of Delhi.
Sabrina Iqbal Sircar	First Online Two-Week Refresher Course in Gender Studies (Interdisciplinary)organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi from 16 September to 30 September 2021.
Saitanya Kumar Bharadwaj	REFRESHER COURSE on Managing Online Classes & Co- creating MOOCS 10.0 from 13 - 27 December, 2021
Seemashri Bora	FIP under HRDC Gauhati University From 20 January to 20 February, 2022

Awards/Fellowship received by the teachers (2021-22):

- 1. Dr. Saitanya Kumar Bharadwaj was awarded DST-TARE fellowship during the period.
- 2. Dr. Avijit Kumar Dutta was received a Major Research Project from Indian Council of Historical Research during the period.

Patents (2021-22): NIL

Teachers Visited abroad during 2021-2022: NIL

Hostel facilities:

No. of Boys Hostel: NIL Total Seats: NIL

No. of Girls Hostel: 01 Total seats: 65

Sports facilities:	 a) Provision of Sports Library b) Basketball Court c) On campus Small Playground d) Tie-up with Sonaram Higher Secondary School for using the playground
Auditorium/ Seminar/Conference Room:	a) Large auditorium b) Digital conference room c) Two air-conditioned meeting halls d) Galleried hall with ICT facility
Specialized laboratory/ studio/ facility:	 a) DST-SERB Laboratory (Chemistry Department) b) Institutional Bio-tech Hub (Zoology Department) c) Plant Tissue Culture Laboratory (Botany Department) d) PhD Research Laboratory (Statistics Department) e) Sophisticated Instrument Laboratory (Chemistry Department), f) GIS Lab (Geography Department) g) Language Lab (All language departments)
Augmentation of infrastructural facilities during the period 2021-2022:	a) Procurement of sophisticated laboratory equipment such as GPS, DNA extraction equipment's (Gel electrophoresis system, Transilluminator), Colorimeter, Distillation unit, Muffle furnace, Ore Microscope for Geological study etc., b) Additional classrooms c) Washroom facility for differently abled students
Technology up gradation during the period 2021-2022:	a) Enhancement of internet bandwidthb) Installation of Campus Wi-Fi.
Financial aid to students during the period 2021-2022:	a) Financial aid provided to students under BPL category as per Govt. guidelinesb) Provision of disbursement of financial aid for educational excursions exists
Activities of the student counseling and Guidance Cell during the period (in brief)	 a) Departmental level counselling programmes for final year students related to job placement and progression to higher education such as preparation for competitive examinations (JAM, CUCET etc.,) b) Campus Placement drive for officer PQA/NEEM trainees-PQA organized by Marico Limited, Brahmaputra Industrial Park, North Guwahati in collaboration with Dept. of Chemistry and Students Career Counselling Cell, Pragjyotish College.
Placement of students (in brief):	a) 82 students after graduation placed in different private and governmental organizations as per data provided in respective departments.
Activities of Alumni Association during 2021-2022:	a) Departmental based alumni programmes such as career advancement workshop and tutorial classes.
Community Outreach Programme during 2021-2022:	 a) Adoption of Pragati Primary School, Santipur Hillside and conduct of extension program by Dept. of English in collaboration with IQAC, NSS unit Pragjyotish College b) Adoption of Chamuapara village, Mandakata, North Guwahati by Dept. of Economics in collobariton with Alumni Association Economics Dept.
Any other relevant information:	Participated in NIRF Ranking by MHRD, Govt. of India

Photographs of activity/event/infrastructural facility of the college during the year 2021-22



Fig: Celebration of 68th Foundation Day with Hon'ble Education Minister Govt. of Assam Dr. Ranoj Pegu along with MLAs as the chief guest and felicitation of Tirthanath Sarma Excellence Award to Prof. K.D. Krori and Nirmala Devi Excellence award to Dr. Uddhab Bharali



Fig: Library facilities with sophisticated self book issue and return computer system



Fig. a) Plant Tissue Laboratory in the Department of Botany and b) Geographical Information System (GIS) Laboratory with ARCGIS and QGIS facility in the Department of Geography



Fig: Digital Smart Classroom cum Conference Hall





(Dr. Manoj Kumar Mahanta) Principal Pragjyotish College