



QUARTERLY PROFILE OF TEACHING STAFF

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Fields with unavailable data, must be indicated with N/A

1. BASIC INFORMATION

1	ASSESSMENT YEAR	2022-23									
2	QUARTER (PERIOD)	II (01.05.2022 – 31.07.2022)									
3	NAME OF INCUMBENT	Dr. Priyakshree Borthakur									
4	EMPLOYEE ID NO.	195									
5	DESIGNATION	Assistant Professor									
6	DEPARTMENT	Chemistry									
7	DATE OF BIRTH (DD-MM-YYYY)	2	0	0	7	1	9	9	0		
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	9	1	2	7	0	5	7	3	1	2
9	SECONDARY MOBILE NO.	9	3	6	5	0	5	9	0	3	6
10	E-MAIL (OFFICIAL)	priyakshreeborthakur@pragjyotishcollege.ac.in									
11	E-MAIL (PERSONAL)	mborthakur9@gmail.com									
12	PRESENT RESIDENTIAL ADDRESS	House No. 11, Near SwastikShantikunj Apartment, Pragati Path, Santipur, Guwahati-781009									
13	PERMANENT ADDRESS (if different from Sl. 12)	KamarGaon, P.O. KamarGaonChariali, Dergaon, Golaghat-785614, Assam									

2. COURSES COVERED IN DIFFERENT PROGRAMS DURING THE QUARTER				
Program (M.A., B.A.)	Sem/Year (I Sem, I Year)	Course No. (e.g.HC-AS- 1016)	Topics covered	No. of classes (1 hour duration)
B.Sc.	II Sem	CHE-HG-2016	Introduction to Co-ordination Complexes, types of ligands	10
			Werner's theory, Nomenclature of Complexes, Isomerism of complexes, stereoisomerism of complexes	
			VBT, Magnetism of Complexes	
			Qualitative analysis (Practical)	
			Estimation of Ca^{2+} and Mg^{2+} in a mixture (Practical)	
B.Sc.	IV Sem	CHE-HC-4026	Nomenclature and Isomerism of Co-ordination Complexes	23
			VBT, Electroneutrality Principle, Jahn-Teller Distortion, EAN Rule, CFT, LFT and MOT	
			Labile and Inert Complexes, Latimer and Forst diagram	
			Estimation of Copper (Practical)	
			Chromatography separation of mixture of ions (practical)	
B.Sc.	VI Sem	CHE-HC-6016	Types of Inorganic reactions, Mechanism of dissociative substitution	16
			Reaction mechanism of octahedral Complexes: Acid and base hydrolysis, $\text{S}_{\text{N}}^1\text{CB}$ mechanism	
			Substitution reaction in square planer complexes, Trans effect	
			Electron Transfer reaction: Definition, Types and mechanism	
			Qualitative analysis of inorganic salt mixture (Practical)	
B. Sc.	VI Sem	CHE-HE-5056 (Dissertation)	Synthesis of metal nanoparticles decorated g- C_3N_4 nanosheets: Application in waste water treatment	48
No. of classes in ICT-mode: 04			No. of classes in non-ICT mode: 93	

3.EXTENSION AND OUTREACH ACTIVITIES UNDERTAKEN DURING THE QUARTER

Title of Activity Organized	Primary Organizing Unit	Collaborating Unit (if any)	Dates (From-To)	No. of Participants
Laboratory visit by the honours students organized by IASST, Guwahati, on 4 th May, 2022 on the occasion of Celebration of 52 nd foundation day of DST, GOI	IASST, Guwahati	N/A	03-05-2022 to 04-05-2022	11
World Environment Day, 2022	NCC Coordination Committee, Pragjyotish College	N/A	05-06-2022	35

Title of Activity Organized Supporting photographs

<p>Laboratory visit by the honours students organized by IASST, Guwahati, on 4th May, 2022 on the occasion of Celebration of 52nd foundation day of DST, GOI</p>	
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<p>World Environment Day, 2022</p>	
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4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)	
Bridge Courses	N/A
Programs for Slow and Advanced Learners	N/A
Experiential Learning	All practical classes are experimental learning. In each practical class, theory is taught before starting the experiment.
Participative Learning	Applied QBPT methodology for Participating Learning.
Problem Solving Methodologies	Done; Discussed about the methodologies which can be used in different national/state level competitive examinations.
Remedial Classes	N/A
Tutorial Classes	M. Sc. entrance Exam oriented questions are discussed amongst the students from time to time.
Field Studies/Works	N/A
Extension/Outreach/ Community welfare activities	Done, <ol style="list-style-type: none"> 1. World Environmental Day, 2022 was organized and celebrated by NCC, Pragjyotish College, 2022 2. Laboratory visit by the honours students organized by IASST, Guwahati, on 4th May, 2022 on the occasion of Celebration of 52nd foundation day of DST, GOI 3. Member of Chief Minister's Institutional Plantation Programme (CMIPP)
Institutional Visits	B.Sc. 6 th Semester students visited IASST, Guwahati on 4 th May, 2022
Student Exchange Programs	N/A
Student Internship Programs	N/A
On-the-Job Trainings	N/A
Teacher Exchange Programs	N/A
Student Seminars	Conducted seminars among the students of B.Sc. 6 th Semester on their project topics 19/07/2022
Home Assignments	Given to students of 2 nd Sem, 4 th Sem and 6 th Sem Honours
Project Works	Done; Supervised 5 students of B.Sc 6 th Semester (Honours) to carry out their project work
Add-On Programs	N/A
Library Usage	Visited library to read text books, magazines and newspapers and borrow text books.
Discussion of evaluated answer-scripts	Done
Student career counselling	N/A
Training on soft skills	Guided the 6 th semester students in preparation of presentations in Microsoft power-point, and use of software like Origin8 Pro.
Training on communicative skills	Helped students in preparing presentation, communication and speaking
Conduct of debates	N/A
Conduct of extempore speech	N/A
Group Discussions	N/A
Mentor-Mentee activities	Discussed different academic and personal matters with students assigned.

Others	N/A
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5. ANY OTHER WORKS PERTAINING TO THE OVERALL DEVELOPMENT OF THE COLLEGE DURING THE QUARTER (Details within 100 words)	
Participation in CCS meetings of affiliating University	N/A
Design and Development of Curriculum for Add-On/Certificate/ Diploma Programs	N/A
Involvement with examination works, e.g. setting of question papers, conduct of exams, invigilation duties, evaluation works, moderation works, scrutiny works, etc.	Yes 1. Evaluating and scrutinizing of answer scripts of TDC 6 th Semester, 2022 Examination 2. Evaluating and scrutinizing of answer scripts of B.Sc. 2 nd and 4 th Semester Examination 3. Internal Examiner duties in Practical examination for both H.S. and B.Sc. levels 4. Evaluating the scripts of Chemistry Home assignment of IGNOU
Involvement with the review exercise of teaching-learning, structures and methodologies of operations, learning outcomes of the institution	N/A
Involvement with green campus initiatives	Done; 1. Maintaining waste disposal for laboratory 2. Participated in Water-body cleaning and Environment Awareness rally as a part of World Environmental Day, 2022 3. Member of Chief Minister's Institutional Plantation Programme (CMIPP)
Involvement with audit exercises	N/A
Involvement with sensitization programs on Constitutional obligations (values, rights, duties and responsibilities) of citizens	N/A
Involvement with celebration and organization of national/international commemorative days, events and festivals	Yes, World Environment Day, 2022
Contribution towards development of collaborations, linkages and signing of MoUs with different organizations; Activities conducted under MoUs	N/A
Involvement with college admission process	Member of HS 1 st year (Science stream) Admission committee
Involvement with student union election	N/A
Involvement with In-House bodies	Member of AQAR Sub-committee IV, IQAC
Involvement with sports/games activities	Yes; Involved as a judge in different competitions (Quiz competition, Best of the waste and Flower decoration) during the College Week, 2022
Involvement with cultural activities	Yes.
Others	1. Care Taker Officer, 60 Assam Girl's Bn NCC, Pragjyotish College 2. Involved as a judge in different competitions (Quiz

competition, Best of the waste and Flower decoration) during the College Week, 2022

6. ACADEMIC WORKS DURING THE QUARTER

A. RESEARCH PROJECTS

Type of Project (Major/Minor/ Interdisciplinary/ Industry-sponsored/ University or College sponsored/ Student Research/ International/Others	Funding Agency	Date of Sanction	Amount Sanctioned	Amount received during the period
N/A	N/A	N/A	N/A	N/A

B. RESEARCH ARTICLES

Title of Publication	Name of Journal/ Volume (ISBN/ISSN if any)	UGC-CARE listed (Yes/ No)	Impact Factor (if any)	Citation Index (if any)	h-index (if any)	Category of Publication (Journal/ Book/ Edited Volume/ Chapter in Edited Volume/ Conference Proceeding)
N/A	N/A	N/A	N/A	N/A	N/A	N/A

C. OTHER PUBLICATION WORKS*

Title of Publication	Name of Volume	Category of Publication (Book/ Magazine/ Edited Volume/ Chapter in Edited Volume/ Newspaper)	Date of publication	ISSN/ISBN (if any)
N/A				

D. ACADEMIC EVENTS/ MEETS ATTENDED

Title of Meet	Category (Conference/Semi nar/Webinar/ Workshop/RC/OP /STC/FDP,etc.	Name (s) of Organizer	Dates (From – To)
ICT Tools for Effective Teaching and Learning	FDP	Amar Sewa Mandals Kamla Nehru Mahavidyalaya, Nagpur-440024, Maharashtra Amar Sewa Mandals Kamla Nehru Mahavidyalaya, Nagpur-440024, Maharashtra	23-05-22 to 28-05-22
Implementation of College Perspective Plan	Workshop	IQAC, Pragiyotish College	05-07-2022

E. ACADEMIC EVENTS/MEETS ORGANIZED

Title(s) of Event Organized	Type (Seminar/ Conference/ Webinar/ Workshop/ Training Program)	Dates (From-To)	Collaborating Unit (if any)	Category (International/ National/ Regional/ Local/ Institutional)	No. of Participants
N/A	N/A	N/A	N/A	N/A	N/A

I hereby declare that the facts and figures mentioned in this format as above, are correct, authentic and true to my knowledge and belief.

I further understand that, any misrepresentation and suppression of fact and figures shall be appropriately dealt with by my superior authority as per established procedural norms.



(Digital Signature of the Incumbent)



1. Rows may be added in tables given in **Sections 2, 3, 6A-E** (if required)

2. This form should be submitted as E-mail attachment (as **pdf** copy) to the following E-mail ID: **coordinatoriqac@pragjyotishcollege.ac.in**