



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)	(01.05.2022 – 31.07.2022)								
3	NAME OF INCUMBENT	DR. SAITANYA KUMAR BHARADWAJ								
4	EMPLOYEE ID NO.	68								
5	DESIGNATION	ASSISTANT PROFESSOR								
6	DEPARTMENT	CHEMISTRY								
7	DATE OF BIRTH (DD-MM-YYYY)	0	1	0	1	1	9	8	1	
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	9	8	5	9	2	6	4	4	9
9	SECONDARY MOBILE NO.									
10	E-MAIL (OFFICIAL)	saitanya@pragjyotishcollege.ac.in								
11	E-MAIL (PERSONAL)	saitanya.iitg@gmail.com								
12	PRESENT RESIDENTIAL ADDRESS	C/O: Naba Kr Goswami, House No. 94, Santipur Hill Side PNGB Road, Santipur, Guwahati-09								
13	PERMANENT ADDRESS (if different from Sl. 12)	S/O: Late Jitendra Nath Sarma Vill. & PO: Hazarikapara, Dist. Darrang Assam-784145								

2. COURSES COVERED IN DIFFERENT PROGRAMS DURING THE QUARTER				
Program (B.Sc)	Sem/Year (I Sem, I Year)	Course No. (e.g.HC-AS-1016)	Topics covered	No. of classes (1 hour duration)
B.Sc.	Sem II	CHE-HG-2016	Periodicity, electronegativity scales, inert pair effect, diagonal relationship, analogous behaviour, transition element	08
B.Sc.	Sem II	CHE-HG-2016(P)	Qualitative Analysis, estimation of calcium ion,	08
B.Sc.	Sem IV	CHE-HC-4016	Oxygenation of Hb, Mb; carbonic anhydrase, sod.pot pump, CAA, lanthanide and actinides, properties, electronic confign., ox state, separation.	08+08
B.Sc.	Sem IV	CHE-HC-4016 (P)	Estimation of Copper by iodometric titration, paper chromatography	02
B.Sc.	Sem VI	CHE-HC-6016	Allyl complex, zeise salt, metal-alkyl complex, waker process, hydroformylation, schlenk equilibrium, allyl complexes	07+12
B.Sc.	Sem VI	CHE-HC-6016 (P)	Salt analysis	08
B.Sc.	Sem VI	CHE-HE-5056 (Dissertation)	i) Designing of ligand Architecture based of 3,5 dimethyl-pyrazole. ii) Synthesis of carbon quantum dots and impregnation onto silica synthesized from rice husk. iii) Synthesis of carbonato complex of cobalt and application in oxidation reaction iv) Synthesis of nitro-nitrito complex of cobalt	48
No. of classes in ICT-mode: 20			No. of classes in non-ICT mode: 109	

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	Department of Chemistry	N/A	06-06-2022	06
Title of Activity Organized	Supporting photographs			

<p>Laboratory visit to IASST Guwahati</p>	
<p>World Environment Day, 2022</p>	

4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)	
<p>Bridge Courses</p>	<p>NA</p>
<p>Programs for Slow and Advanced Learners</p>	<p>NA</p>
<p>Experiential Learning</p>	<p>All Practical Classes are experimental Learning. First the theory is discussed and then experiment started.</p>
<p>Participative Learning</p>	<p>Applied QBPT methodology for Participating Learning</p>
<p>Problem Solving Methodologies</p>	<p>Question Answer and mathematical problem are discussed time to time.</p>
<p>Remedial Classes</p>	<p>None</p>
<p>Tutorial Classes</p>	<p>Done (01)</p>
<p>Field Studies/Works</p>	<p>Works related to Mora-Bharalu initiated.</p>
<p>Extension/Outreach/ Community welfare activities</p>	<ul style="list-style-type: none"> World Environmental Day, 2022 was observed by planting a sapling in front of the department on 6th June 2022. Laboratory visit by the honours students organized by

	IASST, Guwahati, on 4 th May, 2022.
Institutional Visits	<ul style="list-style-type: none"> • IASST Guwahati • IIT Guwahati
Student Exchange Programs	NA
Student Internship Programs	<ul style="list-style-type: none"> • Guided M.Sc. Student, Aditi Sarma from NIT Sikkim for research project as a partial fulfilment of Degree
On-the-Job Trainings	NA
Teacher Exchange Programs	NA
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	DST-SERB Project work continued (TAR/2021/000359), visited IIT Guwahati for research work
Add-On Programs	None
Library Usage	Visited library to read journals and borrow books.
Discussion of evaluated answer-scripts	Discussed the sessional answer-scripts.
Student career counselling	None
Training on soft skills	Guided students to prepare powerpoint presentation and use of software like chemdraw and origin.
Training on communicative skills	Helped students in preparing presentation, communication and speaking.
Conduct of debates	None
Conduct of extempore speech	Practised in classroom giving topic from course
Group Discussions	None
Mentor-Mentee activities	Answered all types of query regarding career and academic problems over phone as well as face to face.
Others	

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	Nil
Design and Development of Curriculum for Add-On/Certificate/ Diploma Programs	Nil
Involvement with examination works, e.g. setting of question papers, conduct of exams, invigilation duties, evaluation works, moderation works, scrutiny works, etc.	<ul style="list-style-type: none"> • Setting Question Papers (2nd semester, CBCS, Generic) • Answer sheets of 6th semester examination had been checked.

Involvement with the review exercise of teaching-learning, structures and methodologies of operations, learning outcomes of the institution	Received feedback personally.
Involvement with green campus initiatives	Maintaining waste disposal for laboratory
Involvement with audit exercises	No
Involvement with sensitization programs on Constitutional obligations (values, rights, duties and responsibilities) of citizens	No
Involvement with celebration and organization of national/international commemorative days, events and festivals	Celebrated World Environment Day 2022
Contribution towards development of collaborations, linkages and signing of MoUs with different organizations; Activities conducted under MoUs	None
Involvement with college admission process	Worked regarding admission on 2 nd and 3 rd August 2022
Involvement with student union election	None
Involvement with In-House bodies	Member of Pragjyotish College Research Council
Involvement with sports/games activities	None
Involvement with cultural activities	None
Others	Guiding two research project leading to PhD

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
Major	DST-SERB (TARE)	09-03-2022	18.3 L*	275000/=

*this project is received in collaboration with IIT Guwahati, Hence half of amount will go to IIT Guwahati

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)
NO						

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)
NO				

D. ACADEMIC EVENTS/ MEETS ATTENDED

Title of Meet	Category (Conference/Seminar/Webinar/ Workshop/RC/OP/STC/FDP,etc.	Name (s) of Organizer	Dates (From – To)
None			

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
None					

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, 6 A - 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