



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	SAROJ SARMA									
4	EMPLOYEE ID NO.	34									
5	DESIGNATION	Associate Professor & Head									
6	DEPARTMENT	Chemistry									
7	DATE OF BIRTH (DD-MM-YYYY)	0	1	0	3	1	9	7	2		
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	9	8	6	4	2	6	9	0	1	7
9	SECONDARY MOBILE NO.	9	8	6	4	5	3	0	4	6	4
10	E-MAIL (OFFICIAL)	sarmasaroj@pragjyotishcollege.ac.in									
11	E-MAIL (PERSONAL)	sarmasaroj45@gmail.com									
12	PRESENT RESIDENTIAL ADDRESS	Vill:- Barkuchi (Near Nijeswari Mandir) P.O. Mirza, Dist:- Kamrup (Assam) PIN: 781125									
13	PERMANENT ADDRESS (if different from Sl. 12)	-do-									

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-HC-2026	Chemical Equilibrium, Van't Hoff's Equation	30
			Relation between K_p , K_c and K_x	
			Free energy of mixing and spontaneity, Gibb's free energy of reaction and reaction quotient	
			La Chatelier's principle etc.	
			Dilution solutions and Colligative properties	
B.Sc.	II Sem	CHE-HG-2016	Kinetic theory of gases and chemical kinetics	12
			Determination of surface tension and viscosity of a given liquid (Practical)	
B.Sc.	IV Sem	CHE-HC-4036	Conductance- Applications of conductance measurement	18
			Electrical and magnetic properties of atoms and molecules: Clausius-Mosotti equation, Lorenz-Laurentz equation, dipole moment and molecular Polarizability, Diamagnetism, Paramagnetism, magnetic susceptibility etc.	
			Determination of Cell constant and Conductometric titration (Practical)	
B.Sc.	IV Sem	CHE-HG-4016	Solution: Ideal and Non-ideal solution, Roul't's Law, Critical Solution temperature, Principle of steam distillation, Nernst distribution law etc.	12
			Study of the equilibrium of the following reaction by the distribution method: $I_2(aq) + I^-(aq) = I_3^-(aq)$ (Practical)	
			Determination of Cell constant and Conductometric titration (Practical)	
B.Sc.	VI Sem	CHE-HE-6026 (DSE)	Industrial Gases and Inorganic Chemicals	20
			Air pollution: Green house effect and Global warming; Ozon layer Depletion etc.	
			Estimation of Chloride in water (Practical)	
			Determination of Chlorine in Bleaching powder (Practical)	
B.Sc	VI Sem	CHE-HE-6066 (Dissertation)	Study of adsorption of Methylene Blue on Silica and Alumina	42
No. of classes in ICT-mode: 24			No. of classes in non-ICT mode: 110	

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
Title of Activity Organized	Supporting photographs			
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				

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	N/A
Participative Learning	N/A
Problem Solving Methodologies	N/A
Remedial Classes	N/A
Tutorial Classes	Discussion on JAM oriented questions for 4 th Semester (Honours) students
Field Studies/Works	N/A
Extension/Outreach/ Community welfare activities	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
Institutional Visits	B.Sc. 6 th Semester students visited IASST, Guwahati on 4 th May, 2022
Student Exchange Programs	Two Research Scholars from IIT Guwahati have been taking class since February 2022 for advanced learners.
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
Add-On Programs	N/A
Library Usage	Done; Visited library to read text books, magazines and news papers etc.
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
Training on communicative skills	Done; helped students in preparing presentation and speaking
Conduct of debates	N/A
Conduct of extempore speech	N/A
Group Discussions	N/A
Mentor-Mentee activities	Done; Discussed different academic and personal matters with the 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. Setting of question paper (4 th Sem Honours) 2. Conduct of H.S. 1 st year Exam 2022 (From 05-05-2022 to 08-06-2022) 3. 6 th semester (H) answer scripts Scrutinized
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	Maintaining waste disposal for laboratory
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	N/A
Contribution towards development of collaborations, linkages and signing of MoUs with different organizations; Activities conducted under MoUs	N/A
Involvement with college admission process	Yes, Convener of B. Sc. and HS 1 st year (Science stream) Admission committee
Involvement with student union election	Yes. 1. Teacher-in-charge of AGS, PCSU
Involvement with In-House bodies	Yes 1. Convener of B. Sc. And HS 1 st year (Science stream) Admission committee 2. Member of core committee (Assistant Coordinator), IQAC 3. Member of Purchase Committee
Involvement with sports/games activities	N/A
Involvement with cultural activities	N/A
Others	1. External Evaluator of Gunutsav Assam : 2022 (24-05-22 to 26-05-22 and 02-06-22, 04-06-22) 2. VC's nominee in the interview of Assistant professor of Chemistry at North Gauhati College held on 07-06-22 3. External examiner for the practical examination of 6 th Semester at Pandu College on 14-07-22

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/Seminar/Webinar/ Workshop/RC/OP /STC/FDP,etc.	Name (s) of Organizer	Dates (From – To)
ICT Tools for Effective Teaching and Learning	National 1 week FDP	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**