



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	Jibonjyoti Buragohain									
4	EMPLOYEE ID NO.	136									
5	DESIGNATION	Assistant Professor									
6	DEPARTMENT	Mathematics									
7	DATE OF BIRTH (DD-MM-YYYY)	0	5	0	7	1	9	9	3		
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	7	0	0	2	6	2	8	3	0	8
9	SECONDARY MOBILE NO.										
10	E-MAIL (OFFICIAL)	jibonjyoti@pragjyotishcollege.ac.in									
11	E-MAIL (PERSONAL)	jibonjyotiburagohain@gmail.com									
12	PRESENT RESIDENTIAL ADDRESS	Birubari, Guwahati									
13	PERMANENT ADDRESS (if different from Sl. 12)	Digboi, Tinsukia									

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.A./B.sc	II(H)	MAT-HC-2016	General solution of homogeneous equation of second order DE, Wronskian and its properties, Eulers equations, method of variation of parameter,	6
B.A./B.sc	II(G)	MAT-HG-2016	Matrices, rank, normal form, linear system and its solutions, Cayley-Hamilton theorem	6
B.A./B.sc	IV(H)	MAT-HC-4016	Functions of several variables, level curves and surfaces, limit and continuity, partial differential, chain rule, directional derivative, gradient, extrema, divergence and curl.	13
B.A./B.sc	IV(G)	MAT-HG-4016	Sequence, convergence, Cauchy sequence, subsequence, limit, increasing and decreasing function	6
B.A./B.sc	VI(M)	MAT-HC-6016	Analytic functions, example, exponential function, log function, trigonometric function, definite integrals of function.	8
No. of classes in ICT-mode:			No. of classes in non-ICT mode: 39	

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
Title of Activity Organized	Supporting photographs			

4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)

Bridge Courses	
Programs for Slow and Advanced Learners	
Experiential Learning	
Participative Learning	
Problem Solving Methodologies	
Remedial Classes	
Tutorial Classes	
Field Studies/Works	
Extension/Outreach/ Community welfare activities	
Institutional Visits	
Student Exchange Programs	
Student Internship Programs	
On-the-Job Trainings	
Teacher Exchange Programs	
Student Seminars	
Home Assignments	
Project Works	
Add-On Programs	
Library Usage	
Discussion of evaluated answer-scripts	
Student career counselling	
Training on soft skills	
Training on communicative skills	
Conduct of debates	
Conduct of extempore speech	
Group Discussions	
Mentor-Mentee activities	yes
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	
Design and Development of Curriculum for Add-On/Certificate/ Diploma Programs	
Involvement with examination works, e.g. setting of question papers, conduct of exams, invigilation duties, evaluation works, moderation works, scrutiny works, etc.	Acted as an examiner in the evaluation of the 6 th semester examination 2022. External examiner for 6 th semester practical exam in DK college, Mirza.
Involvement with the review exercise of teaching-learning, structures and methodologies of operations, learning outcomes of the institution	
Involvement with green campus initiatives	Plantation program in connection with world environment day on 5h June 2022.
Involvement with audit exercises	
Involvement with sensitization programs on Constitutional obligations (values, rights, duties and responsibilities) of citizens	
Involvement with celebration and organization of national/international commemorative days, events and festivals	
Contribution towards development of collaborations, linkages and signing of MoUs with different organizations; Activities conducted under MoUs	
Involvement with college admission process	HS admission committee 2022
Involvement with student union election	yes
Involvement with In-House bodies	
Involvement with sports/games activities	
Involvement with cultural activities	
Others	

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

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)
Predictive potential of neighborhood degree sum-based topological indices of Polycyclic Aromatic Hydrocarbons	Journal of Molecular Structure 1270 (2022) 133904 ISSN: 0022-2860 eISSN: 1872-8014	yes	3.841	5.1		Journal
QSPR analysis of Some Novel Extension and Generalization of Sombor Index	Iranian Journal of Mathematical Chemistry 13 (1) March (2022) 73-84 ISSN: 2008-9015	yes		0.18		Journal

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)

. ACADEMIC EVENTS/ MEETS ATTENDED

Title of Meet	Category (Conference/Seminar/Webinar/ Workshop/RC/OP/STC/FDP, etc.	Name (s) of Organizer	Dates (From – To)

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

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**