



# QUARTERLY PROFILE OF TEACHING STAFF

**Please do not change the format of this document**

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

1. BASIC INFORMATION										
1	ASSESSMENT YEAR	<b>2022-23</b>								
2	QUARTER (PERIOD)	<b>I (01.02.2022 – 30.04.2022)</b>								
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.	9	6	7	8	1	3	8	6	0 7
10	E-MAIL (OFFICIAL)	jibonjyoti@pragjyotishcollege.ac.in								
11	E-MAIL (PERSONAL)	jibonjyotiburagohain@gmail.com								
12	PRESENT RESIDENTIAL ADDRESS	Dharma Sharma Path, Birubari, Guwahati.								
13	PERMANENT ADDRESS (if different from Sl. 12)	Digboi, Tinsukia. PIN: 786171								

<b>2. COURSES COVERED IN DIFFERENT PROGRAMS DURING THE QUARTER</b>				
<b>Program</b> (B.A., B.Sc.,)	<b>Sem/Year</b> (I Sem, I Year)	<b>Course No.</b> (e.g.HC-AS-1016)	<b>Topics covered</b>	<b>No. of classes (1 hour duration)</b>
<b>B.Sc</b>	<b>I</b>	<b>MAT-HC-1026: Algebra</b>	the matrix of a linear transformation; Matrix operations, inverse of a matrix, characterizations of invertible matrices; Determinants, Cramer's rule	<b>10</b>
<b>B.Sc</b>	<b>I</b>	<b>MAT-HG-1016/ MAT-RC-1016</b>	Intermediate value theorem.	<b>2</b>
<b>B.Sc/ B.A.</b>	<b>III</b>	<b>MAT-HC-3016</b>	intermediate value theorem, location of roots theorem, preservation of intervals theorem, uniform continuity, uniform continuity theorem.	<b>9</b>
<b>B.Sc/ B.A.</b>	<b>III</b>	<b>MAT-SE-3024</b>	Graphs, Diagraphs, Networks and subgraphs, Vertex degree, Paths and cycles, Regular and bipartite graphs, Four cube problem, Social networks, Exploring and travelling, Eulerian and Hamiltonian graphs, Applications to dominoes, Diagram tracing puzzles, Knight's tour problem, Gray codes.	<b>9</b>
	<b>V</b>	<b>MAT-HC-5026</b>	Inner product, length, and orthogonality, orthogonal sets, orthogonal projections, the Gram- Schmidt process, inner product spaces; Diagonalization of symmetric matrices, the Spectral Theorem	<b>11</b>
<b>No. of classes in ICT-mode: 0</b>			<b>No. of classes in non-ICT mode: 41</b>	

**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)**

<b>Bridge Courses</b>	
<b>Programs for Slow and Advanced Learners</b>	
<b>Experiential Learning</b>	
<b>Participative Learning</b>	
<b>Problem Solving Methodologies</b>	
<b>Remedial Classes</b>	
<b>Tutorial Classes</b>	
<b>Field Studies/Works</b>	
<b>Extension/Outreach/ Community welfare activities</b>	
<b>Institutional Visits</b>	
<b>Student Exchange Programs</b>	
<b>Student Internship Programs</b>	
<b>On-the-Job Trainings</b>	
<b>Teacher Exchange Programs</b>	
<b>Student Seminars</b>	
<b>Home Assignments</b>	
<b>Project Works</b>	
<b>Add-On Programs</b>	
<b>Library Usage</b>	
<b>Discussion of evaluated answer-scripts</b>	
<b>Student career counselling</b>	
<b>Training on soft skills</b>	
<b>Training on communicative skills</b>	
<b>Conduct of debates</b>	
<b>Conduct of extempore speech</b>	
<b>Group Discussions</b>	
<b>Mentor-Mentee activities</b>	
<b>Others</b>	

**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.	
Involvement with the review exercise of teaching-learning, structures and methodologies of operations, learning outcomes of the institution	
Involvement with green campus initiatives	
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	
Involvement with student union election	
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)

**C. OTHER PUBLICATION WORKS**

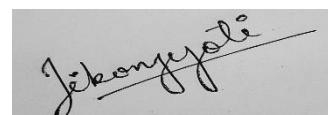
Title of Publication	Name of Volume	Category of Publication (Book/ Magazine/ Edited Volume/ Chapter in Edited Volume/ Newspaper)	Date of publication	ISSN/ISBN (if any)

<b>D. ACADEMIC EVENTS/ MEETS ATTENDED</b>			
<b>Title of Meet</b>	<b>Category</b> (Conference/Seminar/Webinar/ Workshop/RC/OP/STC/FDP,etc.	<b>Name (s) of Organizer</b>	<b>Dates</b> (From – To)

<b>E. ACADEMIC EVENTS/MEETS ORGANIZED</b>					
<b>Title(s) of Event Organized</b>	<b>Type</b> (Seminar/ Conference/ Webinar/ Workshop/ Training Program)	<b>Dates</b> (From– To)	<b>Collaborating Unit</b> (if any)	<b>Category</b> (International/ National/ Regional/ Local/ Institutional)	<b>No. of Participants</b>

*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](mailto:coordinatoriqac@pragjyotishcollege.ac.in)