



# 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	<b>2022-23</b>								
2	QUARTER (PERIOD)	<b>(01.02.2022 – 30.04.2022)</b>								
3	NAME OF INCUMBENT	DR. AMAR JYOTI DUTTA								
4	EMPLOYEE ID NO.	127								
5	DESIGNATION	Assistant Professor								
6	DEPARTMENT	Mathematics								
7	DATE OF BIRTH (DD-MM-YYYY)	0	1	0	3	1	9	7	6	
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	9	8	6	4	3	0	5	3	3
9	SECONDARY MOBILE NO.									
10	E-MAIL (OFFICIAL)	amar@pragjyotishcollege.ac.in								
11	E-MAIL (PERSONAL)	amarjyotics@gmail.com								
12	PRESENT RESIDENTIAL ADDRESS	Malina Apartment Jayanagar, Tripura Road, Jayanagar, Beltola, Guwahati-781022								
13	PERMANENT ADDRESS (if different from Sl. 12)	Same								

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./BA	I Sem	MAT-HC-1016 (Calculus): Theory	Volumes by slicing, Disks and washers methods, Volumes by cylindrical shells, parametric equations, parameterizing a curve, arc length, arc length of parametric curves, area of surface of revolution.	20
		MAT-HC-1016 (Calculus): Practical	Practical / Lab work performed on a computer	10
		MAT-HG-1016:Calculus	Taylor's theorem, Taylor's series and Maclaurin's series, Maclaurin's series expansion of functions such as their use in polynomial approximation and error estimation.	10
B.Sc./BA	III Sem	MAT-HC-3016: Theory of Real Functions & MAT-SE-3024: Combinatorics and Graph Theory	Taylor's series expansions of exponential and trigonometric functions, Basic counting principles, Permutations and combinations, the inclusion-exclusion principle, Pigeonhole principle.	20
		MAT-HG-3016: Differential Equations	Linear homogenous equations with constant coefficients, Linear non-homogenous equations	17
B.Sc./BA	V Sem	MAT-HE-5066: Programming in C (including practical)	structure of a C program, input/output functions and statements, Control Statements, Arrays and subscripted variables, Functions	20
		Practical	Programme to find Fibonacci numbers, square root of a number, cube root of a number, sum of different algebraic and trigonometric series, a given number to be prime or not, sum of the digits of any given positive integer,	10
No. of classes in ICT-mode: 20			No. of classes in non-ICT mode: 87	

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			

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<b>4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)</b>	
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	Presentation on project work has been performed for the 3 <sup>rd</sup> semester Honours students.
Add-On Programs	- - -
Library Usage	- - -
Discussion of evaluated answer-scripts	Performance of the students in the class test/sessional exam for each student were discussed.
Student career counselling	Different career related information are given in the class and given in the whatsapp group. Students are also encouraged to participate in the different career related seminar/workshop organised time to time by career counselling committee.

Training on soft skills	- - -
Training on communicative skills	- - -
Conduct of debates	- - -
Conduct of extempore speech	Conducted extempore speech on different topics of Mathematics among the Honours students.
Group Discussions	In the classroom teaching group discussion method are adopted for solving problems.
Mentor-Mentee activities	- - -
Others	Students are always informed about different workshop/seminar organised by different college/ Universities/Institutions and different Quiz, competitive exam and encouraged to take part it.
<b>5. ANY OTHER WORKS PERTAINING TO THE OVERALL DEVELOPMENT OF THE COLLEGE DURING THE QUARTER (Details within 100 words)</b>	
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.	Completed the work of question paper setting of Degree honours and generic courses under Gauhati University.
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	Taken active role in the PCSU election-2022
Involvement with In-House bodies	Conducted the 1 <sup>st</sup> semester BA/BSc/BCom examination-2022.
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/	Date of publication	ISSN/ISBN (if any)

		Chapter in Edited Volume/ Newspaper)		

**D. ACADEMIC EVENTS/ MEETS ATTENDED**

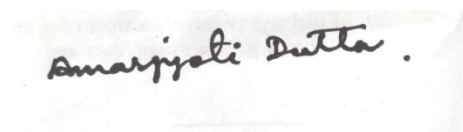
Title of Meet	Category ( Conference/Seminar/Webinar/ Workshop/RC/OP/STC/FDP, etc.	Name (s) of Organizer	Dates ( From – To)

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