



# 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>II (01.05.2022 – 31.07.2022)</b>									
3	NAME OF INCUMBENT	DR. KRISHNA DAS									
4	EMPLOYEE ID NO.	140									
5	DESIGNATION	ASSISTANT PROFESSOR									
6	DEPARTMENT	GEOGRAPHY									
7	DATE OF BIRTH (DD-MM-YYYY)	0	1	0	1	1	9	8	9		
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	7	0	0	2	8	3	9	3	0	7
9	SECONDARY MOBILE NO.										
10	E-MAIL (OFFICIAL)	krishna@pragjyotishcollege.ac.in									
11	E-MAIL (PERSONAL)										
12	PRESENT RESIDENTIAL ADDRESS	HOUSE NO.-6, MAMONI RASISOM GOSWAMI ROAD, CHANDMARI COLONY, GUWAHATI-03, ASSAM									
13	PERMANENT ADDRESS (if different from Sl. 12)	GOGAMUKH NAGAON, NEAR ASSAM OIL PETROL PUMP, GOGAMUKH, PIN-787034, P.O.- GOGAMUKH, DIST.- DHEMAJI, ASSAM									

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 (Hons.)	GGY - HC - 2026	<ul style="list-style-type: none"> <li>Preparation of weather reports of Indian subcontinent by analyzing the weather satellite images of at least three consecutive days (e.g. INSAT 3D, NOAA satellite)</li> </ul>	3
B.A./B.Sc.	IV (Hons.)	GGY-HC-4036	<ul style="list-style-type: none"> <li>Geographical Information System (GIS): Definition, Development, Components, and Functions; Open source GIS</li> <li>GIS Data Types &amp; Structures: Spatial and Non-Spatial Data; Raster and Vector Data Structure, Database Management System (DBMS)</li> <li>Data Layer Extraction and Spatial Analysis: Buffer, proximity and overlay analysis</li> <li>Application of GIS in geographical studies (Land Suitability analysis, Network analysis, Flood damage estimation)</li> <li>Geo-referencing and Data layer creation: Map scanning, geometric correction, digitization of different layers using point, line and polygon, attribute data input and their thematic representation, Buffer creation, Overlay analysis</li> </ul>	36
B.A./B.Sc.	IV (Generic)	GGY-HG-4016	<ul style="list-style-type: none"> <li>North-East India: Land of seven sisters; physiographic framework; forest cover; agricultural practices including shifting cultivation; industrial development scenario; population growth pattern</li> </ul>	16

B.A./B.Sc.	VI (Hons.)	GGY - HC - 6016	<ul style="list-style-type: none"> <li>• Evolution of geographical thought: Determinism, possibilism &amp; neo-determinism</li> </ul>	4
B.A./B.Sc.	VI (Hons.)	GGY - HE - 6016	<ul style="list-style-type: none"> <li>• Classification of diseases: genetic, zoonotic, communicable, non-communicable, occupational, deficiency diseases and malnutrition</li> <li>• Mapping of health status indicators (hospital beds, primary health centres, doctors, para-medics, etc.) in Assam/N.E. India using Z-score method</li> <li>• Preparation of questionnaire for healthcare and health status survey</li> </ul>	14
M.A./M.Sc.	IV	GGY 4193	<ul style="list-style-type: none"> <li>• Digital map creation with ArcGIS Map Layout tools</li> <li>• GPS point, line &amp; polygon recorded data plotting &amp; mapping in ArcGIS</li> <li>• Study of changing land use and river course using remote sensing and GIS techniques based on multi-temporal satellite imageries of Brahmaputra river reach using ArcGIS</li> </ul>	11
M.A./M.Sc.	IV	GGY 4206 (5)	<ul style="list-style-type: none"> <li>• Vector based and raster based spatial analysis tools</li> <li>• Network and spatial analysis tools</li> <li>• DEM/ DTM preparation</li> <li>• Spatial Decision Support Systems, Environmental Impact Analysis and Spatial Data Infrastructure, Clearinghouse Networks and Geoportals</li> <li>• Application of GIS and Remote Sensing in Modelling the Environment</li> </ul>	6
M.A./M.Sc.	IV	GGY4214 (5)	<ul style="list-style-type: none"> <li>• Digitization of maps using standard GIS package - point, line and polygon features from toposheets using ArcGIS</li> <li>• Adding attributes by joining and relating data, display of attribute data through</li> </ul>	17

			cartographic methods using ArcGIS <ul style="list-style-type: none"> <li>• Decision support mapping for point and line features using ArcGIS &amp; QGIS</li> <li>• Extraction of polyline and polygon features of specific themes from a georeferenced imagery using ArcGIS</li> <li>• Preparation of thematic maps from various attributes using ArcGIS</li> <li>• Integration of GPS data in GIS environment</li> </ul>	
<b>No. of classes in ICT-mode: 31</b>			<b>No. of classes in non-ICT mode: 76</b>	

<b>3. EXTENSION AND OUTREACH ACTIVITIES UNDERTAKEN DURING THE QUARTER</b>				
Title of Activity Organized	Primary Organizing Unit	Collaborating Unit (if any)	Dates (From-To)	No. of Participants
N/A				
N/A				
N/A				

Title of Activity Organized	Supporting photographs
N/A	

N/A	
N/A	

<b>4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)</b>	
<b>Bridge Courses</b>	N/A
<b>Programs for Slow and Advanced Learners</b>	N/A
<b>Experiential Learning</b>	N/A
<b>Participative Learning</b>	N/A
<b>Problem Solving Methodologies</b>	N/A
<b>Remedial Classes</b>	As many as 12 remedial classes of PG 4 <sup>th</sup> semester GIS practical paper are taken during last week of June 2022 for GIS practical assignments before final end-semester examination using model problems and probable practical questions.
<b>Tutorial Classes</b>	Tutorial classes for UG 4 <sup>th</sup> semester honours students on how to operate the ArcGIS software applications,

	how to operate Garmin handheld GPS and on how to covert coordinate values using scientific calculator.
<b>Field Studies/Works</b>	N/A
<b>Extension/Outreach/ Community welfare activities</b>	Flood relief materials contributed to Pragjyotish College Flood Relief campaign, 2022.
<b>Institutional Visits</b>	N/A
<b>Student Exchange Programs</b>	N/A
<b>Student Internship Programs</b>	N/A
<b>On-the-Job Trainings</b>	N/A
<b>Teacher Exchange Programs</b>	N/A
<b>Student Seminars</b>	N/A
<b>Home Assignments</b>	Home assignments to UG 4 <sup>th</sup> semester students on “coordinate conversion from degree-minute-second to decimal-degree values”.
<b>Project Works</b>	UG 6 <sup>th</sup> semester honours course project works for final semester-end examination under Paper Code: GGY-HC-6026. Here, 4 students’ project works have been supervised on the topic ‘general landuse pattern in Assam with special reference to Lakhimpur/Morigaon/Kokrajhar/Darrang district’.
<b>Add-On Programs</b>	N/A
<b>Library Usage</b>	N/A
<b>Discussion of evaluated answer-scripts</b>	Discussions with UG 4 <sup>th</sup> and UG 6 <sup>th</sup> semesters students on sessional examinations answer-scripts.
<b>Student career counselling</b>	Emerging career fields in geography and geoinformatics are discussed with UG & PG students.
<b>Training on soft skills</b>	N/A
<b>Training on communicative skills</b>	N/A
<b>Conduct of debates</b>	N/A
<b>Conduct of extempore speech</b>	N/A
<b>Group Discussions</b>	N/A
<b>Mentor-Mentee activities</b>	A mentor-mentee discussion with all 14 mentee students is organized on 1 <sup>st</sup> June 2022 on overall academic matters. Besides, personal, academic and other student-related matters are discussed with each student at individual level and necessary suggestions, encouragements were provided to each of them. Some student’s academic-related issues are also discussed

	with senior faculties of the department for wider solutions.
Others	N/A

<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	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.	<ul style="list-style-type: none"> <li>• Internal examiner, question paper setting works, answer-scripts evaluation and scrutiny works, invigilation duties for UG 6<sup>th</sup> semester sessional examination held during May, 2022.</li> <li>• Question paper setting works for practical examinations of UG 6<sup>th</sup> semester honours geography practical examination for paper 'Geography of Health' held during July, 2022.</li> <li>• Invigilator duties at college for the UG 6<sup>th</sup> semester final examination, 2022 held during June &amp; July, 2022.</li> <li>• Invigilator duty for PG Geography 4<sup>th</sup> Semester GIS practical final examination at the Department of Geography, Gauhati University held during July, 2022.</li> </ul>
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	N/A
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	Involved actively as a member of admission committee, 2022 during the college admission process for the session 2022-23.

<b>Involvement with student union election</b>	Acted as a Polling Officer and Counting Officer in the Pragjyotish College Students' Union election, 2022.
<b>Involvement with In-House bodies</b>	<ul style="list-style-type: none"> <li>• NIRF committee member,</li> <li>• IQAC teaching staff member,</li> <li>• NAAC AQAR Sub-committee 'V' member</li> <li>• Member of College Admission Committee, 2022</li> </ul>
<b>Involvement with sports/games activities</b>	N/A
<b>Involvement with cultural activities</b>	Involved with students for the Cultural Rally event of Annual College Week of Pragjyotish College held from 9 - 13 June, 2022.
<b>Others</b>	Invited as Resource Person for "Three months Certificate Course on Remote Sensing, GPS and GIS application" organized by Department of Geography, North Gauhati College during 30 May & 6 June, 2022.

## 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				

### 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)
APPLICATION OF OPEN-SOURCE GEOSPATIAL TOOLS FOR BUILT-UP AREA	Geo-Spatial Technologies in Rural Development	-	-	-	-	Chapter in Edited Volume



MAPPING IN BARAK VALLEY REGION, ASSAM	(ISBN: 9789391734756)					
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)
“Recent Trends in Geography”	RC	Teaching Learning Centre, Ramanujan College, University of Delhi	26 June - 10 July, 2022
“Presentation by Representatives of the 7 AQAR Sub-Committees”	Workshop	IQAC, Pragjyotish College	5 July, 2022
N/A			
N/A			

**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
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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.*

*Krishna Das*

(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**