



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	2022-23									
2	QUARTER (PERIOD)	II(01.05.2022 – 31.07.2022)									
3	NAME OF INCUMBENT	HIMADRI SAIKIA									
4	EMPLOYEE ID NO.	106									
5	DESIGNATION	ASSISTANT PROFESSOR									
6	DEPARTMENT	BOTANY									
7	DATE OF BIRTH (DD-MM-YYYY)	1	8	0	7	1	9	8	5		
8	PRIMARY MOBILE NO. (WITH WHATSAPP)	7	0	0	2	5	3	0	4	0	1
9	SECONDARY MOBILE NO.										
10	E-MAIL (OFFICIAL)	himadrisaikia@prgjyotishcollege.ac.in									
11	E-MAIL (PERSONAL)	himadris09@gmail.com									
12	PRESENT RESIDENTIAL ADDRESS	South Rukmini Nagar, Rangamancha Path (Near HUDCO Complex), Udayan Path, 1 st Bye-Lane, House No.:05, Dispur, Guwahati-06									
13	PERMANENT ADDRESS (if different from Sl. 12)	do									

2. COURSES COVERED IN DIFFERENT PROGRAMS DURING THE QUARTER

Program (M.A., B.A.)	Sem/Yea r (I Sem, I Year)	Course No. (e.g.HC-AS- 1016)	Topics covered	No. of classe s (1 hour durati on)
B.Sc.	2 nd Sem	BOT-HC-2016	Introduction to Phytopathology	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Terms, concept and General Symptoms of diseases	2 hours
B.Sc.	2 nd Sem	BOT-HC-2016	Etiology, Symptomology and Geographical distribution of diseases	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Host Pathogen Relationship	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016-P	Morphology and Types of Lichen	2 hours
B.Sc.	2 nd Sem	BOT-HC-2016	Disease cycle and environmental relation	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016-P	Study of morphology and reproductive structure of Mucor	2 hours
B.Sc.	2 nd Sem	BOT-HC-2016	Plant disease management: Prevention	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Plant disease management: Control and Role of quarantine	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Bacterial disease: Citrus Canker, Angular leaf spot of cotton	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Viral disease: Tobacco mosaic disease and Vein clearing	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016-P	Study of mycchorizal association	2 hours
B.Sc.	2 nd Sem	BOT-HC-2016	Fungal disease: Early blight of potato, Black stem rust of wheat, White rust of crucifer	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Role of fungi in biotechnology, industry, pharmaceuticals and agriculture	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Mycotoxins: Biological control and medical mycology	1 hour
B.Sc.	2 nd Sem	BOT-HC-2016	Symbiotic association: Lichen and mycorrhiza	1hour
B.Sc.	2 nd Sem	BOT-HC-2016	Myxomycota: General Character, occurrence, Classification and types of fruiting bodies	1hour
B.Sc.	2 nd Sem	BOT-HC-2016	Deuteromycotina: Gneral character, reproduction and life cycle of <i>Alternaria</i> and <i>Colleotrichum</i>	1hour
B.Sc.	2 nd Sem	BOT-HC-2016	General characteristics and life cycle: Black stem rust of wheat- Puccinia, Loose and covered smuts	1hour
B.Sc.	2 nd Sem	BOT-HC-2016	General characteristics and life cycle: Agaricus, Bioluminescence, Fairy rings and Mushroom cultivation	1hour

B.Sc.	4 th Sem	BOT-HC-4016	RNA modification: Removal of introns	1 hour
B.Sc.	4 th Sem	BOT-HC-4016	Spliceosome machinery	1 hour
B.Sc.	4 th Sem	BOT-HC-4016	Splicing pathways	1 hour
B.Sc.	4 th Sem	BOT-HC-4016-P	Isolation of plant DNA	2 hours
B.Sc.	4 th Sem	BOT-HC-4016	Group I and Group II intron splicing	1 hour
B.Sc.	4 th Sem	BOT-HC-4016-P	Study of spliceosome machinery, Study of Ribozymes and alternative splicing	2 hours
B.Sc.	4 th Sem	BOT-HC-4016	Alternative splicing eukaryotic mRNA processing(5' cap, 3' poly A tail)	1 hour
B.Sc.	4 th Sem	BOT-HC-4016-P	Determination of minimal quadrat size for the study of herbaceous vegetation in the college campus, by species area curve method	2 hours
B.Sc.	4 th Sem	BOT-HC-4016	Ribozymes; RNA editing and mRNA transport	1 hour
B.Sc.	4 th Sem	BOT-HC-4026-P	Quantitative analysis of herbaceous vegetation in the college campus for frequency and comparison with Raunkiaer's frequency distribution law	2 hours
B.Sc.	4 th Sem	BOT-HC-4026-P	Quantitative analysis of herbaceous vegetation for density and abundance in the college campus	2 hours
B.Sc.	6 th Sem	BOT-HC-6026	Restriction endonuclease- History, Types I-IV, Nomenclature	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Restriction endonuclease- Biological role and application, Restriction mapping- Linear and circular	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Cloning vectors: Prokaryotic (pUC18, pUC19, pBR322, Ti Plasmid)	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Cloning vectors: Prokaryotic (BAC, Lambda phage, M13 phage)	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Cloning vectors: Prokaryotic (Cosmid, Shuttle vector) Eukaryotic (YAC)	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Gene cloning: Recombinant DNA, Bacterial Transformation and selection of recombinant clones.	1 hour
B.Sc.	6 th Sem	BOT-HC-6026-P	Isolation of plasmid DNA.	2 hours
B.Sc.	6 th Sem	BOT-HC-6026	PCR mediated gene cloning, Gene construct, Construction of genomic and cDNA library	1 hour
B.Sc.	6 th Sem	BOT-HC-6026-P	Restriction digestion and gel electrophoresis.	2 hours

B.Sc.	6 th Sem	BOT-HC-6026	Screening of DNA library, Colony hybridization: PCR	1 hour
B.Sc.	6 th Sem	BOT-HC-6026-P	MS media preparation, Explant preparation and inoculation using nodal explant of Tobacco, Datura.	2 hours
B.Sc.	6 th Sem	BOT-HC-6026-P	Study of gene transfer methods.	2 hours
B.Sc.	6 th Sem	BOT-HC-6026	Gene transfer: <i>Agrobacterium</i> mediated, Direct gene transfer Electroporation, Microinjection, Gene gun	1 hour
B.Sc.	6 th Sem	BOT-HC-6026	Selection of transgenic- selectable marker, Reporter gene.	1 hour
No. of classes in ICT-mode:			No. of classes in non-ICT mode: 58	

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
Nil				
Title of Activity Organized	Supporting photographs			

4. STUDENT RELATED ACTIVITIES DURING THE QUARTER (Details within 100 words)	
Bridge Courses	Nil
Programs for Slow and Advanced Learners	Nil
Experiential Learning	Project work of BOT-HE-6036 paper
Participative Learning	Nil
Problem Solving Methodologies	Analysis of results of project work of BOT-HE-6036 paper
RemedialClasses	Nil
TutorialClasses	Nil
Field Studies/Works	Nil
Extension/Outreach/Community welfare activities	Nil

InstitutionalVisits	Nil
Student ExchangePrograms	Nil
Student InternshipPrograms	Nil
On-the-JobTrainings	Nil
Teacher ExchangePrograms	Nil
StudentSeminars	Nil
HomeAssignments	Nil
ProjectWorks	BOT-HE-6036 paper
Add-OnPrograms	Nil
LibraryUsage	Departmental library use
Discussion of evaluated answer-scripts	Nil
Student career counselling	Nil
Training on soft skills	Nil
Training on communicative skills	Nil
Conduct of debates	Nil
Conduct of extempore speech	Nil
Group Discussions	Discussion on methodologies of field data collection and result analysis
Mentor-Mentee activities	Discussion on progression of project work and learning difficulties
Others	Nil

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	Nil
Design and Development of Curriculum for Add-On/Certificate/ Diploma Programs	Nil
Involvement with examination works, e.g. setting of question papers, conduct of exams, invigilation duties, evaluation works, moderation works, scrutiny works, etc.	Practical question paper setting and evaluation for: 1. BOT-HC-6026 Internal Examiner: 1. BOT-HC-6026-P Evaluation works: 1. BOT-HC-6026
Involvement with the review exercise of teaching-learning, structures and methodologies of operations, learning outcomes of the institution	Nil
Involvement with green campus initiatives	1. Involvement in Cleaning cum Plantation Drive on World Environment Day, 2022 2. Chief Ministers Institutional Plantation Programme (CMIPP) from 15th July 2022 to 15th August 2022
Involvement with audit exercises	Nil
Involvement with sensitization programs on Constitutional obligations (values, rights, duties and responsibilities) of citizens	Nil
Involvement with celebration and organization of national/international commemorative days, events and festivals	Involvement in Cleaning cum Plantation Drive on World Environment Day, 2022
Contribution towards development of collaborations, linkages and signing of MoUs with different organizations; Activities conducted under MoUs	Nil
Involvement with college admission process	Nil
Involvement with student union election	Nil
Involvement with In-House bodies	1. Member of environmental cell 2. Member of Bharat Scout and Guide Advisory Committee 3. Member of AQAR Sub-committee-I
Involvement with sports/games activities	Nil
Involvement with cultural activities	Nil

Others	Nil
--------	-----

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
Nil				

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)
Nil						

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)

Nil						
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)		
Managing Online Classes & Co-creating MOOCS 15.0		RC	Teaching Learning Centre, Ramanuj College, University of Delhi	06.06.2022 - 20.06.2022		
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	
Nil						

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.

Himadri Saha

(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