

Annual Quality Assurance Report (AQAR)

2022-2023

CRITERIA 2.3.1

STUDENT CENTRIC METHODS FOR ENHANCING LEARNING EXPERIENCES

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Incorporation of Subject Specific Experiential, Participative Learning and Problem-Based Understanding in the Academic Framework

 10 BOT-HC-4036 Plant Systematics Total Lectures : 60 Credits : 6 (Theory - 4, Practical - 2) 10.2 PRACTICAL 1. Study of vegetative and floral characters of locally available angiospermic plants belonging to the following families (Description, V.S. flower, section of ovary, floral diagram/s, floral formula/e and systematic position according to Bentham & Hooker's system of classification): Fabaceae, Solanaceae, Acanthaceea, Lamiaceae, Euphorbiaceae, Musaceae, Orchidaceae. 2. Field visit to familiarise students with vegetation of an area and identification of 	CBCS-based P.G. Course in Geography, 2016 Syllabus of Core Course Course Name: Practical on Population and Settlement Geography and Regional Development of India and N.E. India Course No. GGY 2104 Course Credit/Marks: 4 Credit/100 Marks (Including 20 Marks for Internal Assessment) Total Number of Assignments: 40 Course objectives: This course enables the students to add a spatial perspective to population and settlement issues through maps and diagrams. Course outcome: Practical on these issues help the students to portray problems as well as resource based in spatial perspectives and encourage the students to accommodate the significance of dimension in planning and policy making. Unit 1: Population and Settlement Geography (36 marks)
plant species / Visit to Academic or Research Institutions.	[To attempt three questions carrying 12marks each]
 Mounting of a properly dried and pressed specimen of any wild plant with herbarium label (to be submitted in the record book). 	 Population concentration and density pattern in North East India and Assam (6Assignments)
<section-header> Description This course helps students in understanding use of data, presentation of data using computer softwares like MS-Excel Students will be involved practically to preparation of questionnaires/interview schedules, collection of both primary and secondary data and its presentation Students will also be asked to prepare a report on collected data and will be evaluated accordingly. Durse Outline Los of Data De of data in social sciences; types and sources of data; data collection methods. Population course versus sample surveys. Random sampling. Durse outline Data presentation in tabular formats; use of diagrams for data presentation; creating charts and is review schedule in and state review schedule; ouse of questionnaire and interview schedule; use of questionnaire and interview schedule; use of questionnaire and is review schedule for data collection. Durse mutation in tabular formats; use of diagrams for data presentation; creating charts and diagrams in MS-Excel – bar, line, pie, scatter, radar, bubble diagrams, population preminity.</section-header>	 Trend of population growth (Exponential and Non-Linear methods) and population projection of India, N.E. India/Assam/India(6Assignments) Determination of spatial mean center of population, spatial mean center of urban population and settlements of selected areas. (4Assignments) Distribution pattern of services/economic activities/settlements using Nearest Neighbour Analysis Statistic. (2 Assignments) Determination of settlement hierarchy using centrality index. (2 Assignments) Determination of settlement hierarchy using centrality index. (2 Assignments) Determination of settlement hierarchy using centrality index. (2 Assignments) Population Density Gradient Analysis (2 Assignments) Mapping volume and direction of population migration in North East India (2 Assignments) Init II: Regional Development of India and North East India (24marks) [To attempt two questions carrying 12marks each] Analysis of trend of population growth and food production in India. (3 Assignments) Spatial pattern of population density in Assam (district level) and dispersion of population density in India (state level). (3 Assignments) Mapping of population distribution of North-East India and analysis of its relationship with relief. (2 Assignments) Analysis of connectivity and centrality of transport networks in North East India. (4 Assignments) Analysis of connectivity and centrality of transport networks in North East India. (4 Assignments)
OF MEATER H	STA-HC- 5026 Statistical Computing Using C/C++ Programming
SEMESTER – 11 MTM – 208	Statistical Computing Using C/C++ 1 togramming
MIM - 205 DISSERTATION/ FIELD STUDY REPORT AND ON JOB TRAINING	12.2 Practical/Lab
(Dissertation) Total Marks – 50 Viva-voce – 10 Dissertation – 30 Total Lecture – 10 Internal Assessment - 10 Discussion and seminar – 6 Periods. <u>COURSE CONTENT</u> : 1) Dissertation – Technique of Preparation. Lecture – 5	List of Practical 1. Plot of a graph y = f(x) 2. Roots of a quadratic equation (with imaginary roots also) 3. Sorting of an array and hence finding median 4. Mean, Median and Mode of a Grouped Frequency Data 5. Variance and coefficient of variation of a Grouped Frequency Data 6. Preparing afrequency table 7. Value of nl using recursion 8. Random number generation from uniform, exponential, normal (using CLT) and gamma distribution, calculate sample mean and variance and compare with population parameters. 9. Matrix addition, subtraction, multiplication Transpose and Trace 10. Fitting of Binomial, Poisson distribution and apply Chi-square test for goodness of fit 11. Chi-square contingency table 12. t-test for difference of means 13. Paired t-test

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F-ratio test
 Multiple and Partial correlation.

Experiential Learning Activities

1. Field Visit



2. Industry Visit





3. Heritage site/ monument Visit



4. Field Survey



Survey audio link:

https://drive.google.com/file/d/12iqxYqTW2PuUdkjlQTVINTHJOB1BqO1K/view?usp=drive_link

5. Laboratory and Institutional Visit

To, Date: 24/02/2023 The Principal, Preglyotish College, Guvahati-09

(Through proper channel)

Subject: Permission/ DL for lab visit on the occasion of "Science Day Celebration-2023" at IASST. $\ ,$

Respected Sir,

In reference to the subject mentioned above, I request your permission to take the following students for the programme. I, Himadri Saikia will be the escorting teacher for the programme. Hence I request you to grant me one day D.L on 01/03/2023.

List of students:

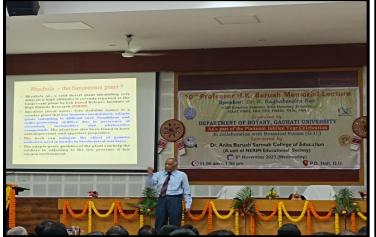
Name	GU-Roll no	Class	e-mail	Contact no.
Atur Rongphar	US-201-032- 0015	6 th Semester	aturrongphar19@gmail.com	7002058751
Ayush Kr. Singh	US-201-032- 0016	6 th Semester	ayushsingh3714@gmail.com	8638786565
Bandana Mahanta	US-201-032- 0019	6 th Semester	bandanamahanta190@gmail.com	8133907522
Deepshikha Mahanta	US-201-032- 0029	6 th Semester	deepshikhamahanta191@gmail.com	8822403196
Pratyush Talukdar	US-201-032-	6 th Semester	pratyushtalukdar6@gmail.com	8811900990

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Yours sincerely Hit ya (2023 (Himadri Saikia) Assistant Professor Department of Botany Pragjyotish College, Guwahati-09



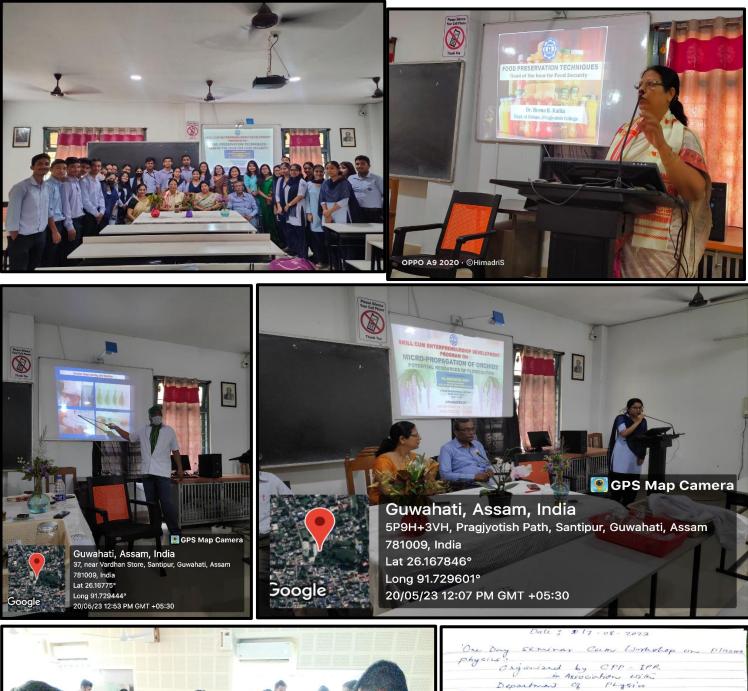








6. Workshops, Invited tallks and Seminar



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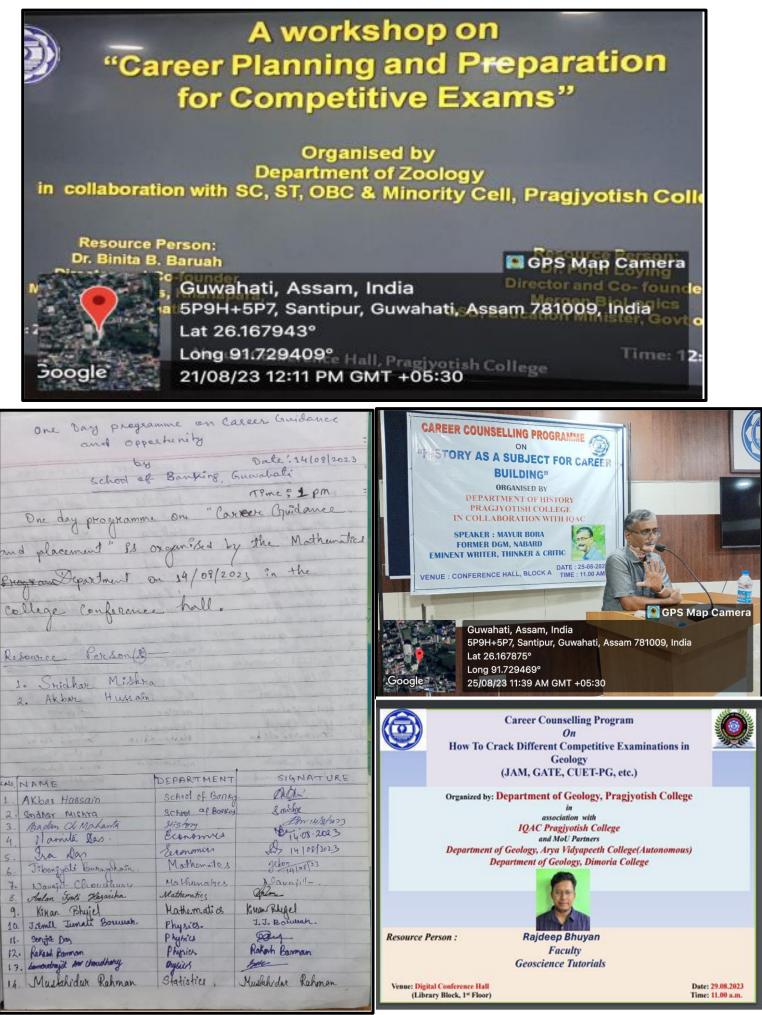
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technology in public policy and planning 4366+VG6, Durang, Assam 782403, Lat 26.11164° Long 92.061506° 23/01/23 03:56 PM GMT +05:30

7. Career Counselling Programme



8. Outreach Programme



DEPARTMENT OF ECONOMICS PRAGIYOTISH COLLEGE GUWAHATI-71009

Email: prageconomics@gmail.com

Website: www.pragjyotishcollege.org.in

Date: 21/12/2022

To The Principal Pragjyotish College Guwahati-781009

Subject: Seeking permission for an Out Reach Programme

Respected Sir,

I wish to inform you that the Department of Economics, Pragjyotish College is planning to visit its adopted village Chamuapara, Mandakata, North Guwahati, Kamrup along with the 3^{rd} semester and 5^{th} semester undergraduate students on 23/12/2022. The students will be accompanied by the faculties of the department. The department will interact with the students and teachers of the Mandakata Lower Primary School regarding implementations of NEP 2020.

This is for your kind information and necessary action.

Thanking you

Yours Sincerely,

Jra Aus [Dr. Ira Das] 21/12/2022

[Dr. Ira Das] Associate Professor and Head of the Department Pragiyotish College Guwahati- 781009

Dr. Ira Das Head Department of Economics Pragyotish College Guwahati (Assam)

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		Date: 23/12/20 with streach Programm	22	
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Shamman Mbeage	2.	Atanu Kumar Choesthury Dr. Ira Das	HODS Associate that	D23/12/202
- the	3.	Bidyul Bikash Baishya		NS 23/2/022
Sorul	4.	Paparti Bartman	Asit. Bry Consider i Guild Faculty.	82/12/2022
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Jakire Istu	7.	Charran Narizary	5th Sem Suserit	Jonan 1001004
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Apphing "it Dok	· 9.	Namicala Choudhury	3 rd Sem Studente	Damkah Chard kung
Pnitiomita Bhypali	10.	Sourav Kumar Das	3rd Sem, Student	S.K. Das 24/12/22
Nabinita	U.	Abijeet Deka.	3 rd Sem, Student	Abhijit Deka
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06/04/2023 "Waste Management Drive " Today, on 06/04/2023 an azvarences programme on · Waste Management Drive · organised by the department of Philosophy. is Name of the teacher Signative . 1. Niva Doka Allenty 23 2. Kakita Dolei. Que up 3 3. Kalyani Deri 10 cTu/23 4. Parmila Charlensy Company 23 Name of the student Class Signature 9th Sem 1. Jayatri Parashar - yayatri Brasha Schraz dhoud 6th Sum Schraz abroad 5th Som 3. Jutika Josewami Teteks yesuami 2nd Sem 4 Nozima Schatun Norima khatun and sem Bushra Fetema 5. Bushra Fatima 6th Sem chayamoni Enti 6. Chayamoni Engli Sah 6th Rom 7. Sabram Azonin 6th Sem 8. Namita Ray Namila Semteau 6 th lem 9. Simuani Begruns

On 20th November 2022, a day-long cloth donation drive was initiated to homeless people at different locations of Guwahati city



Student Outreach Programme at Pragati School on 9/9/22



GUWAHATI, June 27: As part of its community and outreach activity programmes, various stakeholders of Pragjyotish College, including teachers, retired teachers and students, have contributed in cash or in kind for supplying relief materials to the flood-affected people of Chamuapara village located in Mangaldai Subdivision of Darrang district.

Relief materials like rice, dal, mustard oil, salt, biscuits, packaged milk, mosquito repellent, candles, water bottles, medicines, sanitary napkins, etc. were distributed among over a hundred households in presence of the village headman of Chamuapara, teachers, retired teachers and representatives of the college students' union today.

Adani Foundation also distributed relief materials among 300 families of Bausi village in Hajo today. A team of officials of the LGBI Airport visited the village and distributed foodstuffs and other necessary items, a press release said.



Participative Learning

1. Student Seminar Presentation



2. Group Discussions

	Group Discussion. Date. 4.8.2023
	5th Sem (H) Time 100 Pm
	Topic: Genkerden und his time
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On 2nd June 2023, the department conducted a group discussion session at the department among the students of PG 2nd semester



3. Quiz Competition



5. Speech Competition



6. Entrepreunership Development Programme



THE ASSAM TRIBUNE, GUWAHATI 7

Students' SHG organises exhibition-cum-sale

GUWAHATI, March 1: The students of the Postgraduate Department of Geography, Pragiyotish College organised an exhibition-cum-sale of handicraft and local food products under the aegis of Students' Self Help Group on Tuesday.

As many as 13 stalls were put up which engaged 74 students from the undergraduate and postgraduate levels. Stalls were flocked by the students, teachers and office staff of the college. The event provided an opportunity to the students to showcase their talent, versatility and entrepreneurial skills among others, a press release stated.

The programme began with a welcome address by Dr Dipali Baruah, HoD, Postgraduate Department of Geography and Dr Shampa Choudhury, Vice-Principal of Pragiyotish College inaugurated the programme. The event was coordinated by Dr Jyoti Prasad Das.



7. Magazine and newsletter writing



8. Book Cataloguing



9. Cultural events





Shruti Mala Deka (BSc 3rd sem Honours student of CSc dept, Pragjyotish College, Guwahati) has got the Certificate of VISARAD in SATTRIYA NITYA On 25th June'2023

10. Sports Events



Pragjyotish college kabaddi team into the finals in Khel Maharon Venue-Sarusajai sports complex



Basket Ball team has got champion trophy in inter university basketball competition held at USTM

असम के खिलाड़ियों ने दूसरे दिन जीते दो गोल्ड

छटी राष्ट्रीय ताइक्वांडों चैपियनशिप

लखनऊ (सं)। ताइक्वांडो फेडरेशन ऑफ इंडिया के तत्वावधान में उत्तर प्रदेश ताइक्वांडो एसोसिएशन द्वारा आयोजित छर्छी राष्ट्रीय कैडेट ताइक्वाांडो चैंपियनशिप के दूसरे दिन आसाम के खिलाडियों ने दो स्वर्ण पदक जीते। केडी सिंह बाबू स्टेडियम के बैडमिंटन हाल में आयोजित चैंपियनशिप में दूसरे दिन मेजबान उत्तर प्रदेश के खिलाडियों के हाथ कोई सफलता नहीं लगी। वहीं राजस्थान व बिहार को एक-एक स्वर्ण पदक मिले। दूसरे दिन चार भार वर्गों के परिणाम आये जिसमें बिहार की सौम्या सिन्हा, आसाम की दिव्याना डोरोथी व मिरिनमोय गोगोई



राजस्थान व बिहार को मिला एक-एक स्वर्ण पदक

और राजस्थान की जयश्री कुमावत ने स्वर्णिम सफतला हासिल कों। दूसरे दिन के पदक विजेताओं को मुख्य अतिथि ताइक्वांडो फेडरेशन मंगेशकर सहित फेडरेशन के उपाध्यक्ष एल सोकून सिंह, संतोष कुमार मोहंती, संयुक्त सचिव डी सतीश गोंड, मिलिंद एस पठारी, अनिल द्विवेदी, चीफएडमिनिस्ट्रेटर टी प्रवीण कुमार, डिप्टी चीफ एडमिनिस्ट्रेटर मनोज कुमार, कार्यकारिणी सदस्य सी दोरोई एवं उत्तर प्रदेश ताइक्वांडो एसोसिएशन के अध्यक्ष शैलेश कुमार सिंह शैलू व सचिव राजकुमार ने पदक प्रदान कर सम्मानित किया।



Basket Ball team has won the Championship of Northern Eastern Region Inter follege Tournament (NERICT)Organised by Assam Don Bosco University, Azara

SHABNAM BEGUM, student of MTM 3rd Sem has achieved the title of Best Female Kyorugi Referee in the 39th National Senior Kyorugi

11. Participation in national NCC and NSS Camps and activities



CWO Priyanath Hazarika of 50 Assam Air Sqn NCC, Pragjyotish College, received the Additional Director General Medal of Excellence from the North Eastern Region





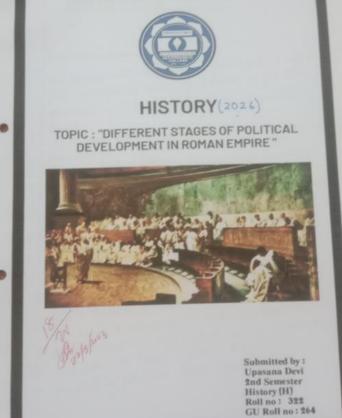
Problem-Solving Strategies

1. Project/ Dissertation Works



2. Assignments



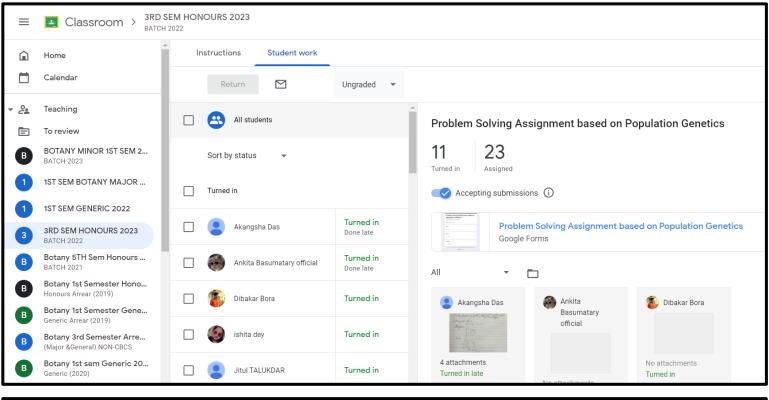


SUBMETED BY: SHALTD X'E BARBHUIYA RDLE NO US 201-032-0063 RECESTRATION NO. 2001/2803 B.Sc. 0⁶ SEMESTER DEPARTMENT OF ZOOLOGY, PRAG/YOTISH COLLEGE, CUWAHATI

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UNDER THE GUIDANCE OF DR. SANGEETA DAS ASSISTANT PROFESSOR DEPARTMENT OF ZOOLOOY. PRAGJYOTISH COLLEGE, GUWAHATI, ASSAM

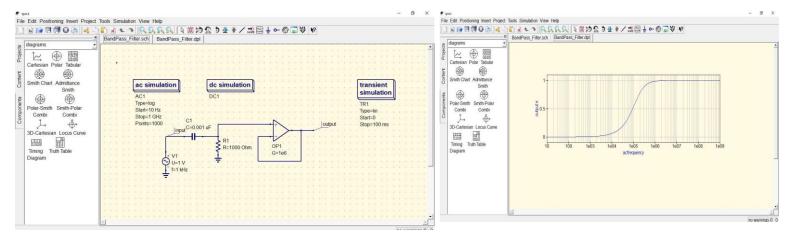
3. Problem solving Assignments



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Application of GIS Laboratory in survey report and map preparation



Application of software-based technology in solving Physics problem