



Estd. 1954

# প্রাগজ্যোতিষ মহাবিদ্যালয়

## PRAGJYOTISH COLLEGE

Accredited by NAAC with B Grade (3rd Cycle), under Revised Accreditation Framework (RAF)

### Annual Quality Assurance Report (AQAR) 2023-2024

#### CRITERIA 1.2.2

#### Number of Add on/ Certificate Programs offered during the year

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

## 1.2.2 Number of Add on/ Certificate Programs offered during the year

### 1. NATURAL AND CHEMICAL DYING ON TEXTILE

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#### Syllabus (Add on Course) ADC – ANT – 003

1. Title of the Course: Certificate course for Natural and Chemical Dyes on Textile
2. Duration: 3 Months
3. Syllabus for the Add on Course:

Theory Paper : 50 Marks

Internal : 10 Marks

Assignment : 10 Marks

Practical : 30 Marks

#### Unit wise Distribution of Marks and Periods:

| Unit No. | Title                                    | Periods | Marks |
|----------|--|---------|-------|
| Unit-1   | Introduction                             | 10      | 10    |
| Unit-2   | Land and People                          | 10      | 15    |
| Unit-3   | Introduction about dyeing Craft          | 10      | 15    |
| Unit-4   | Brief about the Yarn                     | 20      | 15    |
| Unit-5   | Dyeing processes " Natural and Chemical" | 20      | 15    |

#### Distribution of Course Content unit wise: Theory

##### Unit-1: Introduction:

- a) Introduction about Dyeing Craft.
- b) Brief about the Yarn.
- c) Classification of Dyeing.

##### Unit-2: Land and People of Assam:

- a) Traditional Textiles of Assamese (non-tribal) Community.
- b) Traditional Textiles of different Groups of Assam: Bodu, Rabha, Tiwa, Mishing, Deori, Karbi, Dimas, Hmar, Sonowal, Kachari, Hajong, Koch, Tai- Khamyang, Tai- Turung, Tai- Shyam, Tai- Phaka, Singpho, Mech, Khamti.

##### Unit-3: Dyeing processes:

- a) Chemical Dyes on yarn.
- b) Natural Dyes on yarn.
- c) Tie & Dye.

##### Unit-4: Printing:

- a) Printing.
- b) Finishing.
- c) Commercial aspects of dyeing.

##### Unit-5: Dyeing processes:

- a) Techniques of Dyeing.
- b) Sources of Natural Dye.

- c) Preparation of water for Dyeing Process.
- d) Pre-treatment on yarn before Dyeing.
- **Field Visit Directorate of Handloom & Textile and Training Centre.**

**Mode of Assesment:**

Assessment will be held after completion syllabus course. But during the periods of learning, Group discussion workshop, Quiz etc will be held.



Course Co-ordinator & HoD, Anthropology  
Pragjyotish College  
Guwahati-9

**SAMPLE COPY OF STUDENTS ENROLLMENT-**

PRAGJYOTISH COLLEGE  
DEPARTMENT OF ANTHROPOLOGY  
Add on course (Student Enrollment)  
(Natural and Chemical Dying on Textile)  
Students of 3<sup>rd</sup> Semester (Honours), 2024

| SINo | GU Roll Number  | Name of the Student   | Stream | Gender | Category |
|------|-----------------|-----------------------|--------|--------|----------|
| 1    | US-231-032-0001 | Paragjyoti Patar      | B.Sc.  | M      | ST(P)    |
| 2    | US-231-032-0003 | Khanam Shamima Nasrin | B.Sc.  | F      | GENERAL  |
| 3    | US-231-032-0004 | Shubhrajyoti Rabha    | B.Sc.  | M      | ST(P)    |
| 4    | US-231-032-0005 | Simanta Kalita        | B.Sc.  | M      | General  |
| 5    | US-231-032-0008 | Priyam Singh          | B.Sc.  | F      | GENERAL  |
| 6    | US-231-032-0009 | Susmita Barman        | B.Sc.  | F      | OBC      |
| 7    | US-231-032-0010 | Jahnu Medhi           | B.Sc.  | M      | GENERAL  |
| 8    | US-231-032-0011 | Rishav Kalita         | B.Sc.  | M      | OBC      |
| 9    | US-231-032-0013 | Luna Deka             | B.Sc.  | F      | General  |
| 10   | US-231-032-0014 | Bulinson Teron        | B.Sc.  | M      | ST(H)    |

DR. Mayuri Borikately  
Dept. of Anthropology.

CERTIFICATE –



## **2. CHEMISTRY OF SMALL-SCALE INDUSTRY WITH SPECIAL INTEREST IN THE PREPARATION OF SENTIZER( CHEMISTRY DEPARTMENT)**

### **SYLLABUS –**

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#### **Proposal for Add On Course**

##### **Department of Chemistry, Pragjyotish College, Guwahati-09**

1. **Title:** Chemistry of small scale industry with special interest in the preparation of sanitizer.
2. **Duration:** 22/04/2024 to 30/06/2024
3. **Name and Designation of the coordinator:** Dr. Parashmani Das, Assistant Professor, Department of Chemistry, Pragjyotish College, Guwahati-09
4. **Objective of the course:** In this course the students will
  - i) Learn the basic knowledge on small scale industry
  - ii) Acquire knowledge on handling of instruments required for preparation of sanitizer
5. **Outcome of the course:** After completion of the course, the students will –
  - i) Have profound knowledge on small scale industries and sanitizer
  - ii) Be able to prepare sanitizer in laboratory
  - iii) Be able to carry out business related to sanitizer.
6. **Scope for on-job training facility:** Resource person from ABNS Scientific Services, Jalukbari, Guwahati will take few theory and practical classes. The course also includes industrial visits, which will show the job prospect to students.
7. **Teaching Method:** Blended
8. **Course outline:** Alcohol-based hand sanitizers have been shown as an effective tool to combat infections due to harmful germs. Those sanitizes are particularly important for convenient use in the office. Sanitizing reduces the remaining germs on surfaces after cleaning. Disinfecting can kill viruses and bacteria that remain on surfaces after cleaning. By killing germs on a surface after cleaning, disinfecting can further lower the risk of spreading germs that can cause illness.

As the demand for hand sanitizers soared during the COVID -19 pandemic, these unassuming bottles become a global necessity. Therefore, the production of hand sanitizer at low cost draws much attention amongst researchers.

This course would enhance public responsibility of the students and would be beneficial for a student to carry out business related to sanitizer production.

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Department of Chemistry  
Pragjyotish College, Ghy-09

Attendance Sheet for Add On Course

Semester: 2nd

Date: 24/4/2024

Topic discussed: Introduction of disinfectant

| Sl No. | Student Name          | Signature           |
|--------|-----------------------|---------------------|
| 1.     | Nannaka Medhi         | Nannaka             |
| 2.     | Ronal Kalita          | Ronal Kalita        |
| 3.     | Ayesha Siddiqua       | Ayesha              |
| 4.     | Mariatul Islam        | Mariatul Islam      |
| 5.     | Jyotismita Talukdar   | Jyotismita Talukdar |
| 6.     | Rekhamoni Saitra      | Rekhamoni           |
| 7.     | Luna Barman           | Luna Barman         |
| 8.     | Banaj Heli Saha       | Banaj Jyoti Saha    |
| 9.     | Nijumoni Das          | Nijumoni Das        |
| 10.    | Mridanka Talukdar     | Mridanka            |
| 11.    | Bidya Bhushan Bhowmik | Bidya               |
| 12.    | Taslima Akter.        | Taslima             |
| 13.    | Diksha Agarwal        | Diksha Agarwal.     |
| 14.    | Banaj Pegu            | Banaj               |
| 15.    | Bhousati Bharadwaj    | Bhousati            |
| 16.    | Rumi Sultana          | Rumi                |
| 17.    | Mushfiqaa Ahmed       | Mushfiqaa Ahmed     |
| 18.    | Emanani Kalita        | Emanani Kalita      |
| 19.    |                       |                     |
| 20.    |                       |                     |

  
Signature of Faculty

  
Signature of Course Coordinator

### 3. SKILL PROGRAMMING ON LINUX (COMPUTER SCIENCE DEPARTMENT)

#### SYLLABUS-

#### Units-wise Distribution of Contact hours among the Classes

( 1 class = 1 or 2 contact hours )

| Unit Number                  | Topic covered  | Contact Hours Allotted      |                              |
|------------------------------|--|-----------------------------|------------------------------|
|                              |  | Theory                      | Lab-Practical                |
| U-1                          | Components of Digital Computer, Software, Hardware, Operating System, Device Driver, Programming Languages of Computer ( <i>Machine, Assembly and High Level</i> ) and Translators ( <i>Compiler, Interpreter and Assembler</i> ). | 2 hours                     | N/A                          |
| U-2                          | Programming <i>Logic and Flowchart</i> .   | 2 hours                     | N/A                          |
| U-3                          | Introduction to Python ( <i>Keywords, Identifiers, Variables, and Operators</i> )  | 1 hour                      | 1 hour                       |
| U-4                          | <i>Data types</i> (Numbers, Strings, List, Tuple, Set and Dictionary) and their operations.  | 3 hours                     | 4 hours                      |
| U-5                          | <i>Flow Control Techniques (Part-1)</i> :<br>• Decision making statements (if, if-else, Nested if)   | 2 hours                     | 3 hours                      |
| U-6                          | <i>Flow Control Techniques (Part-2)</i><br>• Loop control techniques (while loop, for loop)<br>• The use of <i>break</i> and <i>continue</i> statements.   | 2 hours                     | 3 hours                      |
| U-7                          | <i>User-defined Functions Recursive Functions</i>  | 2 hours                     | 2 hours                      |
| U-8                          | Writing and importing modules in Python, The use of <i>day</i> and <i>time</i> modules.  | 1 hour                      | 1 hour                       |
| Test Exam                    | Simple Objective type Questions (20 marks) :<br>• FAQ's ( <i>Frequently asked Questions</i> ) or<br>• MCQ's ( <i>Multiple choice Questions</i> )   | 1 hour                      | N/A                          |
| <b>Total Hours of</b>        |  | <b>Theory</b><br>16 hours + | <b>Practical</b><br>14 hours |
| <b>Total Contact Hours =</b> |  | <b>30 Hours</b>             |                              |



*Masih*  
1163, Department of Computer Science  
Pragyotish College  
Guwahati

**Dr. Masih Saikia**

Resource Person

Cum HoD, Computer Science

Date : 09-05-2023

Contact Number / WhatsApp : 8638283356



**ATTENDANCE SHEET-**

**Add-On Course from Computer Science Department, 2024**

Course Code : CSC- 002- SPL

Course Name : **Shell Programming in Linux**

Course Duration : 30 Contact Hours ; 2<sup>nd</sup> February, 2024 to 21<sup>st</sup> March, 2024

Daily Class : 2 Classes (1 Theory + 1 Practical ; where applicable),

Blended Mode : Offline Class (Practical) : 12 noon - 1 pm (prior informed through WhatsApp)

Or, Online Class (Theory) : 7:00 pm - 8:00 pm

**STUDENTS' ATTENDANCE SHEET (No-2 : Contact Hours 1-15)**

| No. of Contact Hours =>                                  |                |                      | Hr-1                   | Hr-2            | Hr-3             | Hr-4               | Hr-5             | Hr-6             | Hr-7             | Hr-8              | Hr-9             | Hr-10              | Hr-11            | Hr-12            | Hr-13             | Hr-14            | Hr-15              | Gender (Sex) & Course |
|--|----------------|----------------------|------------------------|-----------------|------------------|--------------------|------------------|------------------|------------------|-------------------|------------------|--------------------|------------------|------------------|-------------------|------------------|--------------------|-----------------------|
| Class Mode (Offline/Online)=>                            |                |                      | Offline                | Offline         | Offline          | Offline            | Offline          | Offline          | Offline          | Offline           | Offline          | Offline            | Offline          | Offline          | Offline           | Offline          | Offline            |                       |
| Class type (Theory/Practical)=>                          |                |                      | Theory                 | Theory          | Theory           | Theory             | Theory           | Practical        | Practical        | Theory            | Practical        | Theory             | Practical        | Theory           | Practical         | Practical        | Theory             |                       |
| Date (dd-mm-yy) =>                                       |                |                      | 2/2/24<br>(Fri)        | 5/2/24<br>(Mon) | 12/2/24<br>(Mon) | 15/2/24<br>(Thurs) | 16/2/24<br>(Fri) | 17/2/24<br>(Sat) | 19/2/24<br>(Mon) | 20/2/24<br>(Tues) | 21/2/24<br>(Wed) | 22/2/24<br>(Thurs) | 23/2/24<br>(Fri) | 26/2/24<br>(Mon) | 27/2/24<br>(Tues) | 28/2/24<br>(Wed) | 29/2/24<br>(Thurs) |                       |
| (Put Students' Signature in the Columns of the Next Row) |                |                      |                        |                 |                  |                    |                  |                  |                  |                   |                  |                    |                  |                  |                   |                  |                    |                       |
| SL No  | Class/ Roll No | NAME OF THE STUDENT  | Class/ Sem BSc/BBA     |                 |                  |                    |                  |                  |                  |                   |                  |                    |                  |                  |                   |                  |                    |                       |
| 1  | 0073           | Amrta Jayanti Kalita | BSc(H) 4 <sup>th</sup> | Amrta           | Amrta            | Amrta              | Amrta            | Amrta            | Amrta            | Amrta             | Amrta            | Amrta              | Amrta            | Amrta            | Amrta             | Amrta            | Amrta              | Male                  |
| 2  | 0019           | Amitojit Barman      |                        | Amitojit        | Amitojit         | Amitojit           | Amitojit         | Amitojit         | Amitojit         | Amitojit          | Amitojit         | Amitojit           | Amitojit         | Amitojit         | Amitojit          | Amitojit         | Amitojit           | Male                  |
| 3  | 0088           | Mithilesh Lahkar     |                        | Mithilesh       | Mithilesh        | Mithilesh          | Mithilesh        | Mithilesh        | Mithilesh        | Mithilesh         | Mithilesh        | Mithilesh          | Mithilesh        | Mithilesh        | Mithilesh         | Mithilesh        | Mithilesh          | Male                  |
| 4  | 0017           | Prerana Yadav        |                        | Prerana         | Prerana          | Prerana            | Prerana          | Prerana          | Prerana          | Prerana           | Prerana          | Prerana            | Prerana          | Prerana          | Prerana           | Prerana          | Prerana            | Female                |
| 5  | 0090           | Gaurab Das           |                        | Gaurab          | Gaurab           | Gaurab             | Gaurab           | Gaurab           | Gaurab           | Gaurab            | Gaurab           | Gaurab             | Gaurab           | Gaurab           | Gaurab            | Gaurab           | Gaurab             | Male                  |
| 6  | 0017           | Arman Hussain        |                        | Arman           | Arman            | Arman              | Arman            | Arman            | Arman            | Arman             | Arman            | Arman              | Arman            | Arman            | Arman             | Arman            | Arman              | Male                  |
| 7  | 0052           | Rahul Kumar          |                        | Rahul           | Rahul            | Rahul              | Rahul            | Rahul            | Rahul            | Rahul             | Rahul            | Rahul              | Rahul            | Rahul            | Rahul             | Rahul            | Rahul              | Male                  |
| 8  | 0175           | Shruti Mala Deka     | BSc(H) 4 <sup>th</sup> | Shruti          | Shruti           | Shruti             | Shruti           | Shruti           | Shruti           | Shruti            | Shruti           | Shruti             | Shruti           | Shruti           | Shruti            | Shruti           | Shruti             | Female                |
| 9  | 0016           | Rishabh Gosai Ankur  |                        | Rishabh         | Rishabh          | Rishabh            | Rishabh          | Rishabh          | Rishabh          | Rishabh           | Rishabh          | Rishabh            | Rishabh          | Rishabh          | Rishabh           | Rishabh          | Rishabh            | Male                  |
| 10   | 0075           | Rishabh K. Singh     |                        | Rishabh Singh   | Rishabh Singh    | Rishabh Singh      | Rishabh Singh    | Rishabh Singh    | Rishabh Singh    | Rishabh Singh     | Rishabh Singh    | Rishabh Singh      | Rishabh Singh    | Rishabh Singh    | Rishabh Singh     | Rishabh Singh    | Rishabh Singh      | Male                  |

HOD, Department of Computer Science  
Pragyanish College  
Guwahati

**CERTIFICATE-**



## PRAGJYOTISH COLLEGE

ADD-ON COURSE ON SHELL PROGRAMMING IN LINUX

From 02-02-24 To 21-03-24

This is to certify that Amlan Jyoti Kalita a student of Computer Science Dept. has successfully completed the Add-on course of 30 hours duration on “**Shell Programming in Linux**” conducted in the year 2024 by the Dept. of Computer Science, Pragjyotish College, Guwahati-09

Dr. Manoj Kumar Mahanta  
Principal, Pragjyotish College

Dr. Masih Saikia  
HoD & Course Coordinator

#### 4. CRASH COURSE ON CUET(ENGLISH DEPARTMENT)

##### SYLLABUS-

## English (LAQP01)

**Note:**

- i. The Question Paper which will have 75 questions.*
- ii. All questions will be based on Subject-Specific Knowledge.*
- iii. All questions are compulsory.*
- iv. The Question paper will be in English.*

## English (LAQP01)

**1. History of English and Indian Literatures:**

- Major Authors
- Texts
- Literary Movements

**2. Indian Writing in English:**

- Major Authors
- Texts including English translations
- History

**3. Literary Terms:**

- Allegory
- Ballad
- Blank Verse
- Comedy
- Dissociation of Sensibility
- Dramatic Monologue
- Elegy
- Enlightenment
- Epic
- Fancy and Imagination
- Imitation
- Intentional Fallacy
- Motif
- Ode
- Onomatopoeia
- Paradox
- Plot

**English (LAQP01)**

- Figures of Speech
- Satire
- Soliloquy
- Sonnet
- Tragedy
- Wit, (etc.)

**4. Literary Genres:**

- Fiction and Non-fiction
- Life writings
- Diary
- Drama
- Essay
- Novel
- Poetry
- Prose
- Short Story
- Epic
- Travelogue
- Science Fiction, (etc.)

**5. Comparative Literature and Translations studies:**

- Concepts
- Theories
- Texts

**6. Literary Criticism and Theory:**

- Classical and Modern Criticism
- Marxism
- Structuralism and Post-structuralism
- Feminism
- Eco-criticism
- Post Colonialism

**7. Awareness of Current Literary Trends, Events, Awards etc.**

Course start date → 02/03/2024

Year 2024  
 Class 1st/2nd/3rd  
 H.S./Degree/(Arts/Sc./Com.)  
 Section..... Shift : Day/Morning  
 Subject.....

# PRAGJYOTISH

## Daily Class Attendance Register of the

| Roll No. | NAME                    | Sign. of Prof. | K     | P     | K     | K     | K     | K     |  |  |  |  |  |  |
|----------|-------------------------|----------------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|
|          |                         |                | M     | S     | M     | M     | M     | M     |  |  |  |  |  |  |
|          |                         | Date           | 02/03 | 03/03 | 04/03 | 16/03 | 23/03 | 30/03 |  |  |  |  |  |  |
| 1        | Umaranda Upadhyay       |                |       | P     |       | P     | P     | P     |  |  |  |  |  |  |
| 2        | Madhushreya H. Bordoloi |                |       |       |       |       |       | P     |  |  |  |  |  |  |
| 3        | Susmita Saha            |                |       | P     |       |       | P     | P     |  |  |  |  |  |  |
| 4        | Genic Malakar           |                |       | P     |       |       | P     | P     |  |  |  |  |  |  |
| 5        | Mousami Mariyam         |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 6        | Sufiana Ahmed           |                |       | P     |       |       |       |       |  |  |  |  |  |  |
| 7        | Mushfiqna Ahmed         |                | P     |       |       | P     |       |       |  |  |  |  |  |  |
| 8        | Souvan Kumar Mahanta    |                | P     | P     |       | P     |       |       |  |  |  |  |  |  |
| 9        | Rajance Das             |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 10       | Priyati Choudhury       |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 11       | Murchang Jamatia        |                | P     |       | P     |       |       |       |  |  |  |  |  |  |
| 12       | Sajeda Khatun           |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 13       | Momi Begum              |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 14       | Tina Momi Begum         |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 15       | Munmi Sharma            |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 16       | Dipangali Talukdar      |                | P     |       |       | P     |       |       |  |  |  |  |  |  |
| 17       | Jay Sayal Jamatia       |                | P     |       | P     |       |       |       |  |  |  |  |  |  |
| 18       | Anindita Nath           |                |       |       |       |       | P     | P     |  |  |  |  |  |  |
| 19       | Wanyarika Haskiah       |                | P     |       |       | P     | P     |       |  |  |  |  |  |  |
| 20       | Karabi Debbarma         |                | P     | P     | P     | P     |       |       |  |  |  |  |  |  |
| 21       | Sarshana Das            |                | P     |       | P     |       |       | P     |  |  |  |  |  |  |
| 22       | Krishna Das             |                | P     | P     | P     | P     |       |       |  |  |  |  |  |  |
| 23       | Susmita Kalita          |                |       |       |       |       |       |       |  |  |  |  |  |  |
| 24       | Shivam Saha             |                | P     | P     | P     | P     |       | P     |  |  |  |  |  |  |

### 5. INTERMEDIATE ECONOMICS FOR COMPETITIVE EXAMINATION( ECONOMICS DEPARTMENT)

## SYLLABUS –

Syllabus on Add on Course (Jan-April 2024)  
Intermediate Economics For Competitive Examinations  
Duration: January 2024 – April 2024  
Total Contact Hours: 30 Hours  
Course Level: Intermediate

Target Students: Undergraduate and Postgraduate students, aspirants of competitive exams like UPSC, State PSC,NET, etc.

### Course Structure:

#### Module 1: Introduction to Economics (3 hours)

##### Unit 1: Definition and Scope of Economics

Basic Economic Problems: Scarcity, Choice, and Opportunity Cost

Positive vs. Normative Economics, Types of Economies: Market, Command, and Mixed Economies

#### Module 2: Microeconomics (10 hours)

##### Unit 1: Consumer Behavior (3 hours)

Utility: Cardinal and Ordinal Approach, Indifference Curve Analysis, Demand and Supply: Determinants, Elasticity (Price, Income, Cross), Consumer Surplus

##### Unit 2: Theory of Production and Costs (3 hours)

Production Function: Short-Run and Long-Run, Law of Variable Proportion and Returns to Scale, Isoquants and Isocosts, Economies and Diseconomies of Scale

##### Unit 3: Market Structures (2 hours)

Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly and Game Theory Basics

##### Unit 4: Factor Pricing (2 hours)

Theories of Rent, Wages, Interest, and Profits, Marginal Productivity Theory

#### Module 3: Macroeconomics (10 hours)

##### Unit 1: National Income Accounting (2 hours)

Concepts of National Income: GDP, GNP, NNP, Measurement Methods: Expenditure, Income, and Output Approaches, Circular Flow of Income

##### Unit 2: Money and Banking (3 hours)

Functions of Money Theories of Money: Quantity Theory, Keynesian Theory Central Banking and Monetary Policy

##### Unit 3: Determination of Income and Employment (3 hours)

Classical and Keynesian Models Aggregate Demand and Aggregate Supply IS-LM Model (Basics)

##### Unit 4: Inflation, Unemployment, and Business Cycles (2 hours)

Inflation: Types, Causes, Effects Unemployment: Types Business Cycles: Phases and Causes

#### Module 4: Public Economics (3 hours)

Public Revenue: Taxation Public Expenditure: Growth and Effects Fiscal Policy: Instruments and Impact

#### Module 5: Teaching Aptitude (4 hours)

Unit 1: Teaching Methods and Evaluation, Concept and Objectives of Teaching, Effective Teaching Methods: Teacher-Centered vs. Learner-Centered, Use of Technology in Teaching, Learning Theories: Behaviorist, Cognitive, and Constructivist, Evaluation Techniques: Formative, Summative, and Diagnostic Assessments

#### Suggested Readings:

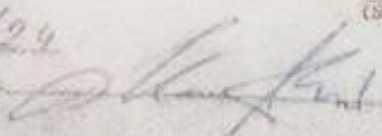
Mankiw, N.G. (2019). Principles of Economics.  
Koutsoyiannis, A. (1983). Modern Microeconomics.  
Blanchard, O. (2021). Macroeconomics.

**REGISTRATION SLIP-**

REGISTRATION FORM FOR ADD-ON COURSES

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NAME OF DEPARTMENT               | ECONOMICS                           |
| TITLE OF ADD-ON COURSE           | Undergraduate 510 for complete Econ |
| COURSE COORDINATOR               | MASUM AHMED                         |
| ACADEMIC SESSION (2022-23, etc.) | 2023-24                             |
| NAME OF STUDENT                  | DRISAMA DAS                         |
| GENDER                           | FEMALE                              |
| CATEGORY (SC, ST, etc.)          | GENERAL                             |
| G.U. ROLL NO.                    | PA-231-032-0041                     |
| PROGRAM (B.A., B.Sc., etc.)      | M.A                                 |
| SEMESTER (2, 4, etc.)            | 2nd SEMESTER                        |

Date of Registration: 1/3/24

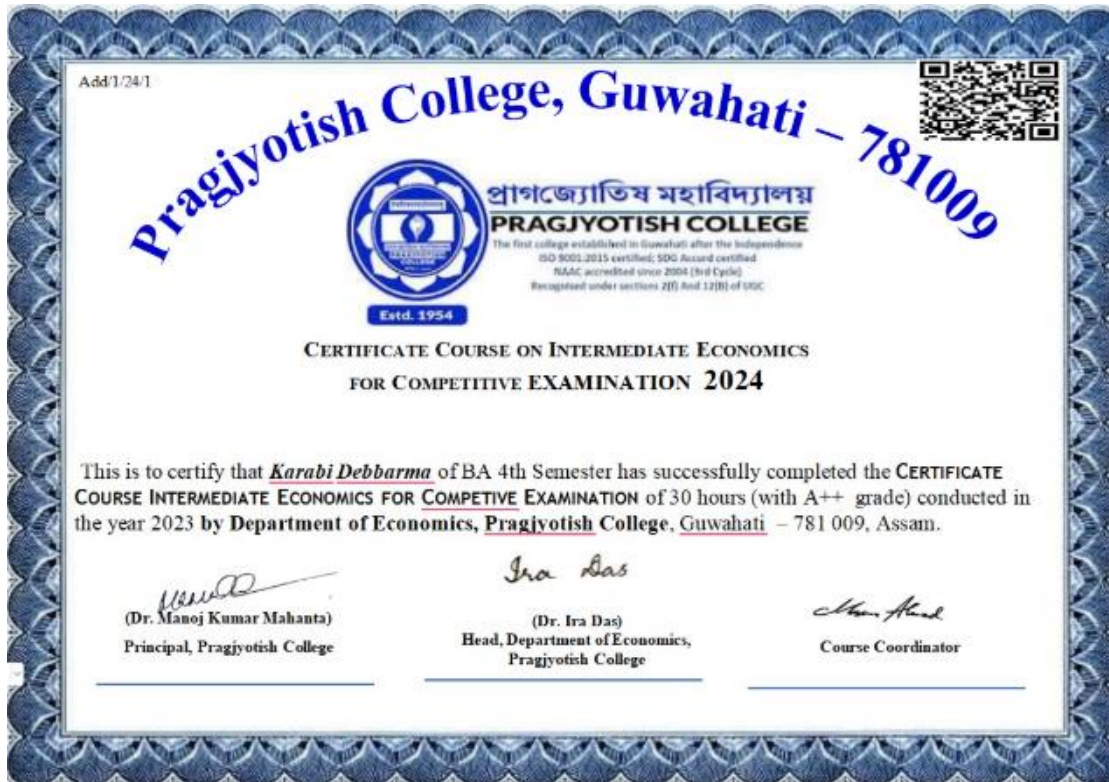
Signature of Course Coordinator: 

Drisama Das  
(Signature of Student)

**SAMPLE COPY OF RESULT SHEET**

| Result Sheet Add on course: Intermediate Economics for Competitive Examination |                           |   |                                |         |
|--|---------------------------|---|--------------------------------|---------|
| Sl no.   | Name                      | Class                                   | Roll No.                       | Score   |
| 1  | Akshita Roy               | UG 4th semester (2024 Jan-June session) | UA-221-032-0069                | 16 / 20 |
| 2  | Ansai basumatary          | UG 4th semester (2024 Jan-June session) | 43                             | 10 / 20 |
| 3  | Anushka Thakur            | UG 2nd semester (2024 Jan-June session) | 427                            | 16 / 20 |
| 4  | Anwsha Goswami            | UG 4th semester (2024 Jan-June session) | Gu- UA-221-032-0025, Class- 22 | 16 / 20 |
| 5  | Daniel Jamatia            | UG 2nd semester (2024 Jan-June session) | 011                            | 16 / 20 |
| 6  | Debanga Raj Sarma         | UG 4th semester (2024 Jan-June session) | UA-221-032-0035                | 10 / 20 |
| 7  | Dikshita Das              | UG 2nd semester (2024 Jan-June session) | UA-231-032-0104                | 16 / 20 |
| 8  | Ekta Neogi                | UG 2nd semester (2024 Jan-June session) | UA-231-032-0107                | 14 / 20 |
| 9  | Epshita Baruah            | UG 2nd semester (2024 Jan-June session) | US-231-032-0109                | 10 / 20 |
| 10   | Hari Prasad Sharma        | UG 2nd semester (2024 Jan-June session) | UA-231-032-0095                | 16 / 20 |
| 11   | Jarimin Narzary           | UG 2nd semester (2024 Jan-June session) | UA-231-032-0118                | 12 / 20 |
| 12   | Jina rabha                | UG 2nd semester (2024 Jan-June session) | 347                            | 12 / 20 |
| 13   | Joy kumar                 | UG 4th semester (2024 Jan-June session) | 156                            | 14 / 20 |
| 14   | Karabi Debbarma           | UG 4th semester (2024 Jan-June session) | 230                            | 14 / 20 |
| 15   | Kesang Tsomu              | UG 2nd semester (2024 Jan-June session) | UA-231-032-0111(436)           | 16 / 20 |
| 16   | khiromanipathak@gmail.com | UG 4th semester (2024 Jan-June session) | 05                             | 14 / 20 |
| 17   | Manas pratim dev          | UG 2nd semester (2024 Jan-June session) | UA-231-032-0109                | 16 / 20 |
| 18   | Mayukh Deka               | UG 4th semester (2024 Jan-June session) | UA-221-032-0152 / 75 class     | 14 / 20 |
| 19   | Namrata kashyap           | UG 2nd semester (2024 Jan-June session) | 122                            | 16 / 20 |
| 20   | Parri Yaswant Kumar       | UG 4th semester (2024 Jan-June session) | 319                            | 12 / 20 |
| 21   | Phuntso Drema             | UG 2nd semester (2024 Jan-June session) | 231                            | 16 / 20 |
| 22   | Prerna Boro               | UG 2nd semester (2024 Jan-June session) | UA-231-032-0110                | 12 / 20 |
| 23   | punam chouhan             | UG 2nd semester (2024 Jan-June session) | 225                            | 8 / 20  |
| 24   | Ria Das                   | UG 4th semester (2024 Jan-June session) | UA-221-032-0154 (152)          | 16 / 20 |
| 25   | Sahil Ali                 | UG 2nd semester (2024 Jan-June session) | 232                            | 16 / 20 |
| 26   | SAMARJEET PAUL            | UG 4th semester (2024 Jan-June session) | UA-221-032-0162                | 10 / 20 |
| 27   | Saptarshi Nag             | UG 2nd semester (2024 Jan-June session) | 366                            | 16 / 20 |
| 28   | Sneha Das                 | UG 2nd semester (2024 Jan-June session) | US -231-032-0110               | 16 / 20 |
| 29   | Sneha Deb                 | UG 6th semester (2024 Jan-June session) | UA-221-032-0092                | 16 / 20 |

### SAMPLE COPY OF CERTIFICATE-



### 6. BASICS IN WILD LIFE PHOTOGRAPHY( ZOOLOGY DEPARTMENT)



## SYLLABUS-

ADD ON C  
2023-

Department of Zoology  
Pragjyotish College

Proposal for  
CERTIFICATE COURSE

1. Title of the Course: CERTIFICATE ON BASICS OF WILDLIFE  
PHOTOGRAPHY

2. Duration of the Course: 2 Months (30 hours)

Start date: November 2023

End date: December 2023

3. Name and Designation of the Coordinator:

*Mrs Seema Kaur*  
Assistant Professor  
Department of Zoology  
Pragjyotish College



*Dr Seemashri Bora*  
Assistant Professor  
Department of Zoology  
Pragjyotish College



*Mr Langtuk Terang*  
Assistant Professor  
Department of Zoology  
Pragjyotish College



*Dr Sangeeta Das*  
Assistant Professor  
Department of Zoology  
Pragjyotish College



4. Objective of the Course (max. 100 words):

*Course Objectives: In this course the students will-*

- *Learn to capture the beauty and essence of wildlife in their natural habitats.*
- *Gain practical knowledge of photography techniques and equipment relevant to wildlife.*
- *Develop a fundamental understanding of wildlife photography.*



**5. Outcome of the Course (max. 100 words):**

*Course Outcomes: Upon completing the course, the students will be able to-*

- *Demonstrate a basic proficiency in wildlife photography.*
- *Comprehend the importance of ethical and responsible wildlife photography practices.*
- *Showcase the natural world through their photographs.*
- *Apply their skills to contribute to wildlife conservation efforts.*

**6. Scope of on-job training facility (if any):**

Students will have the opportunity to engage in practical wildlife photography sessions and to apply their knowledge in real-world settings.

**7. Teaching Method:** Blended mode including experiential learning

**8. Course Outline:**

*Brief Introduction to the Course:*

"Basics of Wildlife Photography" is a comprehensive course designed to introduce students to the art of capturing the beauty and wonder of wildlife through photography. Students will acquire essential photography skills, such as camera operation, composition, and post-processing techniques, with a focus on wildlife subjects. They will explore ethical considerations in wildlife photography, emphasizing the importance of minimizing disturbance to natural ecosystems. Through practical experiences, students will learn to tell compelling stories through their photographs while contributing to the appreciation and conservation of the natural world.

**Syllabus –**

| Module/Unit | Topic  | Hours |
|-------------|--|-------|
| I           | History and Evolution of Photography   | 2     |
| II          | Ethics and Philosophy of Wildlife Photography, Forest code of conduct                  | 4     |
| III         | Parts of camera and Camera Modules: Aperture, Focus, Lighting, and Speed               | 4     |
| IV          | Different types of photography, Visualisation and Storytelling in Wildlife Photography | 4     |
| V           | Photography techniques- Composition and Colour balance                                 | 4     |



|            |   |   |
|------------|---|---|
| VI         | Essential Digital Workflow for Photography: Post processing   | 4 |
| Practical  | <ul style="list-style-type: none"> <li>• Bird Photography</li> <li>• Macro photography</li> <li>• Animal portraits</li> </ul> | 8 |
| Evaluation | Assessment test (Theory/Practical)<br>Field visit: Report submission  |   |

**9. List of probable Reading Materials:**

- Wildlife Photography: From Snapshots to Great Shots by Laurie S. Excell
- "The Complete Guide to Bird Photography" by Jeffrey Rich

**10. Evaluation process:**

- Assessment test
- Field visit: Report submission

**11. Eligibility level of participants: B.Sc. and M.Sc Students**



## REGISTRATION SLIP-

| Registration list for Certificate Course on Basics of Wildlife Photography 2023-2024 |                       |                   |         |                               |
|--|-----------------------|-------------------|---------|-------------------------------|
| Sl no  | Name                  | Roll No           | Batch   | Email Address                 |
| 1  | Afrin Rajmi           | 05                | MSc     | afrinrajmi3824@gmail.com      |
| 2  | Babita Urang          |                   | 175 BSc | babitaurang4@gmail.com        |
| 3  | Ganga Sagar Yadav     | US-221-032-0123   | BSc     | gangasagar084@gmail.com       |
| 4  | Sahil Wazid Amin      | 0017              | MSc     | www.wazidsani@gmail.com       |
| 5  | Lohit upreti          | 0096              | BSc     | upretilohit@gmail.com         |
| 6  | Dipankor Gogoi        | US-221-032-0134   | BSc     | dipankorgogoi000@gmail.com    |
| 7  | Arnab Kumar Das       | Us-211-032-0028   | BSc     | akd320825@gmail.com           |
| 8  | Rejina Begum          | US-221-032-0149   | BSc     | begumrejina415@gmail.com      |
| 9  | Rimpi deka            | Us - 221-032-171  | BSc     | rimpideka127@gmail.com        |
| 10   | Jimi baishya          | 0097              | BSc     | jimibaishya1@gmail.com        |
| 11   | Nikita Nath           | US- 221- 032-0048 | BSc     | devinikita696@gmail.com       |
| 12   | Ragini Kashyap        | US-221-032-0009   | BSc     | raginikashyapruhi@gmail.com   |
| 13   | Andrew Sangma Dangu   | PS-221-032-0001   | MSc     | sangmaandrew2@gmail.com       |
| 14   | Suman Baruah          | US-221-032-0130   | BSc     | sumanbaruah391@gmail.com      |
| 15   | Eftara Masum          | US-221032-0059    | BSc     | eftaram@gmail.com             |
| 16   | Parishmita Deka       | US-221-032-0139   | BSc     | parishmitadeka885@gmail.com   |
| 17   | Mrinmoyee Das         | US-221-032-0114   | BSc     | mrinmoyee232002@gmail.com     |
| 18   | Tazmina Aktar         | PS-221-032-0011   | MSc     | tazminaaktar0@gmail.com       |
| 19   | Sharif Asheed Hussain | US-221-032-0008   | BSc     | sharifashid@gmail.com         |
| 20   | ANISHA SULTANA        | US-211-032-0015   | BSc     | sultanaanisha53@gmail.com     |
| 21   | Ankur sarma           | US-032-211-0019   | BSc     | ankursarma011@gmail.com       |
| 22   | SONALI BASFORE        | PS-221-032-0004   | MSc     | sonbasfore99@gmail.com        |
| 23   | Sagarika Pathak       | PS-231-032-0009   | MSc     | sagarikapathak026@gmail.com   |
| 24   | Riya Mahanta          | PS-231-032-0008   | MSc     | princy143r@gmail.com          |
| 25   | Hrishikesh Deka       | US-221-032-0003   | BSc     | dekahrishikesh08@gmail.com    |
| 26   | Anubhav Parashar      | PS-221-032-0002   | MSc     | anubhavparashar45@gmail.com   |
| 27   | Subrajit Goswami      | US-231-032-0206   | BSc     | subrajitgoswami1845@gmail.com |
| 28   | Rohit Purkayastha     | 01                | MSc     | rohitpurkayastha16@gmail.com  |
| 29   | Anoushka Baruah       | US-211-032-0021   | BSc     | anoushkaruahy@gmail.com       |
| 30   | Lakhinandan Dutta     | 0042              | BSc     | duttalakhinandan04@gmail.com  |
| 31   | WAJIB AKHTAR          | US-221-032-0050   | BSc     | wajibakhtar12@gmail.com       |

## ATTENDANCE SHEET

| TEACHER             | ATTENDANCE OF CERTIFICATE COURSE ON BASICS OF WILDLIFE PHOTOGRAPHY |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | SIGN |    |   |            |
|---------------------|--|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|---|------------|
|                     | 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |      | 31 |   |            |
| Afrin Rajmi         | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ |            |
| Babita Urang        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Babita     |
| Ganga Sagar Yadav   | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Ganga      |
| Sahil Wazid Amin    | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Sahil      |
| Lohit upreti        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Lohit      |
| Dipankor Gogoi      | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Dipankor   |
| Arnab Kumar Das     | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Arnab      |
| Rejina Begum        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Rejina     |
| Rimpi deka          | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Rimpi      |
| Jimi baishya        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Jimi       |
| Nikita Nath         | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Nikita     |
| Ragini Kashyap      | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Ragini     |
| Andrew Sangma Dangu | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Andrew     |
| Suman Baruah        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Suman      |
| Eftara Masum        | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Eftara     |
| Parishmita Deka     | ✓  | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓    | ✓  | ✓ | Parishmita |

**SAMPLE COPY OF CERTIFICATE-**



*Certificate of Participation*



This is to certify that Ms./Mr. \_\_\_\_\_ **Afrin Rajmi** \_\_\_\_\_ of Pragjyotish College has completed an Certificate Course titled **Basics of Wildlife Photography** of duration 30 contact hours , **March-June 2023-2024**, conducted by the Department of Zoology, Pragjyotish College, Guwahati – 781009, Assam.

He/ She has obtained Grade \_\_\_ **C** \_\_\_ in the examination

(Dr. Jayanta Deka)

Head, Zoology Department, Pragjyotish College

(Dr. Manoj Kumar Mahanta)

Principal, Pragjyotish College