



# DEPARTMENT OF BOTANY

## RAGHUNATHPUR COLLEGE

(Government Sponsored)

P.O. : Raghunathpur, Dist. : Purulia, West Bengal, Pin - 723133

Website : [www.raghunathpurcollege.in](http://www.raghunathpurcollege.in)

Ref. No. : .....

Date : 19/08/20

### Meeting Resolution

A departmental meeting was held on 19/08/2020, regarding II & IV Semester (Honours/Program/GE) internal assessment examination 2020. The following resolution have been adopted to conduct the examination.

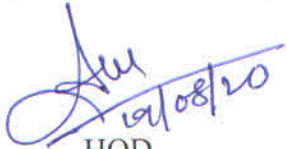
#### 1. Examination will be conducted by respective teachers as follows-

| Course                   | Paper | Paper name                      | Examiner        | WhatsApp   | Mail Id                  |
|--------------------------|-------|---------------------------------|-----------------|------------|--------------------------|
| Honours<br>II SEM        | CC-3  | Mycology & Phytopathology       | Pr. T Mondal    | 9800469802 | mtinku443@gmail.com      |
|                          | CC-4  | Archegoniate and Palaeobotany   | Dr. S Das       | 9475975298 | satyajit.das88@gmail.com |
| Program/<br>GE<br>II SEM | DSC   | Plant Ecology & taxonomy        | Dr. A.K. Sinha  | 9732087491 | anjanbook@gmail.com      |
|                          | SEC   | Plant Physiology and metabolism | Dr. S Das       | 9475975298 | satyajit.das88@gmail.com |
| Honours<br>IV SEM        | CC-8  | Molecular Biology               | Prof. D. Auddya | 9735025296 | deblinaauddya3@gmail.com |
|                          | CC-9  | Plant Ecology & Phytogeography  | Dr. A.K. Sinha  | 9732087491 | anjanbook@gmail.com      |
|                          | CC-10 | Plant Systematics               | Pr. T Mondal    | 9800469802 | mtinku443@gmail.com      |
|                          | SEC2  | Herbal Technology               | Dr. A.K. Sinha  | 9732087491 | anjanbook@gmail.com      |
| Program/<br>GE<br>IV SEM | DSC   | Plant Physiology and metabolism | Dr. S Das       | 9475975298 | satyajit.das88@gmail.com |
|                          | SEC   | Herbal Technology               | Pr. T Mondal    | 9800469802 | mtinku443@gmail.com      |

**2. Mode of examination-** The examination will be taken by online mode and students are requested to give examination staying at their home. Students have to submit a home assignment in each paper to the respective teachers WhatsApp and Mail id. After submission of home assignment respective teacher will take an online viva voce based on the submitted assignment by each students and final evaluation will be made based upon the assignment and viva voce.

**3. Selection of assignment -** Students may choose one (1) suitable home assignment topic from the three (3) topic in each paper, given in **annexure-I**. Every students should mention name, registration no, roll no, mail id and a valid phone no. at the front page of the home assignment and each page of the assignment should contain name, registration no of the student along with page no.


4. The assignment **must be submitted within 28/08/2020** to the respective teacher Mail id and WhatsApp no preferably by pdf mode.

  
19/08/20  
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Raghunathpur College

### Annexure-I

| Course                   | Paper code | Paper name                          | Home assignment   |
|--------------------------|------------|-------------------------------------|---|
| Honours<br>II SEM        | CC-3       | Mycology<br>Phytopathology          | 1. General characteristic & life cycle of one under Basidiomycetes sp.<br>2. Endomycorrhiza and their significance<br>3. Black stem rust disease of wheat.  |
|                          | CC-4       | Archegoniate<br>and<br>Palaeobotany | 1. Bryophyte-General character and range of thallus Structure.<br>2. General character and classification up-to family of Gymnosperm<br>3. Geological time scale and types of fossils.  |
| Program<br>II SEM        | DSC        | Plant Ecology<br>taxonomy           | 1. Adaptation of Hydrophytes & Xerophytes<br>2. Nitrogen cycle<br>3. Biogeographical zones of India   |
|                          | SEC        | Plant Physiology<br>and metabolism  | 1. Photosynthetic pigments<br>2. TCA cycle<br>3. Role of various plant growth regulators  |
| Honours<br>IV SEM        | CC-8       | Molecular<br>Biology                | 1. Semiconservative Replication<br>2. Spliceosome complex<br>3. Positive and negative regulation of lac operon  |
|                          | CC-9       | Plant<br>Ecology<br>Phytogeography  | 1. Trophic organization of Ecosystem & ecological pyramids<br>2. Carbon and Nitrogen cycle<br>3. Ecological Succession- Types and process   |
|                          | CC-10      | Plant<br>Systematics                | 1. Numerical taxonomy<br>2. Homology & analogy<br>3. Role of ICBN & author citation in taxonomy.  |
|                          | SEC2       | Herbal<br>Technology                | 1. Phytochemical screening test for secondary metabolites<br>2. Role of medicinal plant in Siddha system of medicine.<br>3. Systematic position, active principal & medicinal value of - Tulsi, Ginger, Ashoka and Neem.                  |
| Program/<br>GE<br>IV SEM | DSC        | Plant Physiology<br>and metabolism  | 1. Mechanism of enzyme catalysis and different types of enzyme inhibition.<br>2. Phytochrome- Structure and mechanism of action<br>3. Steps of glycolysis and its importance  |
|                          | SEC        | Herbal<br>Technology                | 1. Medicinal use of –Tulsi, Ashoka and Ginger<br>2. Active principles and medicinal use of – <i>Catharanthus roseus</i> , <i>Centella asiatica</i> , <i>Clerodendron phlomoides</i> .<br>3. Types of drug and methods of drug evaluation. |

- Students must write/type the assignment in their own language not more than 4 page long with suitable diagram/flow chart and submit to the respective teacher mail/WhatsApp in a single file (preferably pdf format). The file name of assignment save as the student name and the subject of the mail should be- **submission of the assignment of ..... (Paper code and name)-followed by student name.**
- Students may choose one suitable assignment topic among the 3 topic for each paper, given in **annexure-1**. Every students should mention **name, registration no, roll no, mail id and a valid phone number** at the front page of the home assignment and each page of the assignment should contain name, registration no of the student along with page number.
- The assignment **must be submitted within 28/08/2020** to the respective teacher Mail id and WhatsApp no **preferably by pdf mode.**

  
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