



DEPARTMENT OF BOTANY

RAGHUNATHPUR COLLEGE

(Government Sponsored)

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

Website : www.raghunathpurcollege.in

Ref. No. :

Date : 21/08/20

NOTICE

All students of **II & IV Semester (Honours/Program/GE)** are hereby informed that their **Internal Assessment Examination 2020** will be held as per the following programme schedule through on-line mode.


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

Course	Paper	Paper name	Examiner	WhatsApp	Mail Id
Honours 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/ GE 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 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/ GE 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 Email. 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, Email 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.**


HOD
H.O.D.
Dept. of Botany
Raghunathpur College

Annexure-I

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


 HOD.
 H.O.D.
 Dept. of Botany
 Raghunathpur College