



DEPARTMENT OF BOTANY & FORESTRY
VIDYASAGAR UNIVERSITY

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Date 10th July, 2015

To

The Hon'ble Vice Chancellor, The Dean of the Faculty of Science, Dr. amal Kumar Mondal of Vidyasagar University, Prof. Nirmalya Banerjee of Visva Bharati, Prof. Chandan Sengupta of Kalyani University.

Subject: Ph. D. Committee meeting in Botany on 22nd July, '15

Sir,

A meeting of Ph. D. Committee of Botany has been arranged on **22nd July, 2015 at 11.30 a.m.** to deal with the following agenda. You are requested to kindly chair the meeting.

With regards,

Yours sincerely,

Ar Nandi

Dr. Asis Kumar Nandi

Head

Department of Botany & Forestry
Vidyasagar University

Agenda:

1. Confirmation of the proceedings of the last meeting
2. Pre-registration seminar on Ph. D. thesis of the candidates qualified in 2014
3. Pre-submission seminar on Ph. D. thesis of Sk. Md. Ismail Al Amin and Sri Sourav Kundu
4. Miscellaneous.

Ph. D. Committee meeting was held on 22.7.2015 in the presence of the following members

The Dean, Faculty of Science

Dr. A.K. Nandi Head, Secretary of the Ph.D. committee. A.K.Nandi 22/7/15

Dr. A.K. Mondal Member, AKMondal 22/7/15

Prof. Nirmalya Banerjee Member. Nirmalya Banerjee 27/7/15
Dept of Botany
Visva Bharati

Proceedings of the Ph.D. committee meeting in Botany held on 22nd July, 2015

Members present:

1. The Dean, Faculty of Science
2. Dr. Asis Kumar Nandi, Dept. of Botany & Forestry – Secretary, Ph. D. committee in Botany
3. Dr. Amal Kumar Mondal, Dept. of Botany & Forestry, Member
4. Prof. Nirmalya Banerjee, Dept. of Botany, Visva Bharati, Member

Prof. B. C. Patra, Dean, Faculty of Science presided over the meeting and Dr. Asis Kumar Nandi acted as the Secretary.

At the very outset of the meeting Hon'ble Vice Chancellor Prof. Ranjan Chakrabarti, Chairman of the Ph. D. committee, accompanied with the Registrar (Acting) Dr. Jayanta Kishore Nandi, initiated the meeting apprising the committee about a decision of UGC regarding the selection of supervisor of Ph. D. programme. Hon'ble Vice Chancellor accordingly advised to allocate supervisors only from among regular faculty members of the departments of the university or the affiliated PG colleges / institutes under this university.

Agenda 1. Proceedings of the last Ph. D. committee meeting held on 11.06.15 were confirmed.

Agenda 2.

Pre-registration seminar on proposed Ph. D. works was given by the following candidates under the guidance of the respectively mentioned Supervisors.

1. **Ms. Debasree Ghosh** under the guidance of **Dr. Amal Kumar Mondal**, Dept. of Botany & Forestry, Vidyasagar University.
Title of Ph. D. thesis: *Extrafloral nectar attributes of some plants growing in Midnapore district of West Bengal, their effect on ant behavior patterns in facultative ant plant mutualism and their taxonomic significance.*
2. **Sri Sayantan Tripathi** under the guidance of **Dr. Amal Kumar Mondal**, Dept. of Botany & Forestry, Vidyasagar University.
Title of Ph. D. thesis: *The hemiparasitic flora of south West Bengal and phylogenetic interrelationship among the taxa based on morphological, micromorphological,*

anatomical, palynological and chemotaxonomical attributes with special reference to host specificity and their medicinal uses.

3. **Sri Chandra Sekhar Mondal** under the guidance of **Dr. Asis Kumar Nandi**, Dept. of Botany & Forestry, Vidyasagar University.

Title of Ph. D. thesis: *Diversity of exotic plants and their impact on Digha coast, West Bengal, India.*

4. **Sri Nandadulal Sannigrahi** under the guidance of **Dr. Amal Kumar Mondal**, Dept. of Botany & Forestry, Vidyasagar University.

Title of Ph. D. thesis: *Indigenous Traditional Knowledge (ITK) of some medicinal weeds of Purulia district, their therapeutic values, taxonomic relevance & Phenology.*

5. **Sri Sourabh Bisui** under the guidance of **Dr. Prakash Karmakar**, Dept. of Botany & Forestry, Vidyasagar University.

Title of Ph. D. thesis: *Foraging Ecology of stingless bee (*Trigona* sp.) with reference to honey production and crop yield in Paschim Medinipur District, West Bengal.*

6. **Mahmuda Parveen** under the guidance of **Dr. Nilanjana Banerjee**, Dept. of Botany & Forestry, Vidyasagar University.

Title of Ph. D. thesis: *Understanding the molecular defense responses of host during early events of Rice (*Oryza sativa* L.) and *Rhizoctonia solani* Kuhn interaction.*

Two candidates qualified in RET could not be allotted to any supervisor due to the reasons mentioned here in below.

1. **Sri Debashis Kuila** proposed **Dr. Somdatta Ghosh**, Head, Dept. of Botany, Midnapore College as supervisor of his Ph. D. works. Albeit the college is affiliated to this university Dr. Ghosh could not be considered as supervisor, as the college is yet to start post-graduate programme. (*The case was also brought to the notice of the Hon'ble Vice Chancellor and he explained the reason in the same line.).
2. **Sri Bishnupada Jana** neither proposed any supervisor nor even his research proposal was checked and forwarded by any person as supervisor. No faculty available in the department was in a position to accept the research proposal of his choice. So, he was advised by the committee to contact faculty members of the department in an attempt of

choosing anyone of them as supervisor after mutually deciding on the work proposal, so that he may be considered in the next meeting.

Amongst the candidates permitted to present the pre-registration seminar two candidates had proposals for joint Supervisors, which would, however, be overruled on the basis of the same directives from the UGC. The cases are as herein below, -

1. **Ms. Debasree Ghosh** under the guidance of **Dr. Amal Kumar Mondal**, Dept. of Botany & Forestry, Vidyasagar University and **Dr. Sanjukta Mondal (Parui)**, Dept. of Zoology, Lady Brabourne College, P1/2 Suhrawardy Avenue, Kolkata*¹

Title of Ph. D. thesis: *Extrafloral nectar attributestheir taxonomic significance.*

2. **Sri Sayantan Tripathi** under the guidance of **Dr. Amal Kumar Mondal**, Dept. of Botany & Forestry, Vidyasagar University and **Dr. Tapas Kumar Paul, Scientist B,** Botanical Survey of India (BSI), Kolkata, West Bengal.*²

Title of Ph. D. thesis: *The hemiparasitic flora of south West Bengal ... with special reference to host specificity and their medicinal uses.*

*¹ **Dr. Sanjukta Mondal (Parui)** is the faculty member of a college, which is not having Post graduate course in Zoology and also not affiliated to Vidyasagar University.

*² **Dr. Tapas Kumar Paul** is working in the post of Scientist B in BSI, a central government institute, however not affiliated to this university.

Agenda 3.

Pre-submission seminar was presented by two research scholars, mentioned below –

1. **Sri Sourav Kundu** under the guidance of **Dr. Asis Kumar Nandi**, Dept. of Botany & Forestry, Vidyasagar University and **Prof. Alope Bhattacharjee**, Dept. of Botany, Burdwan University.

Title of Ph. D. thesis: *Investigation on enhancement of productivity in Zea mays L.*

2. **Sk. Md. Ismail Al Amin** under the guidance of **Dr. Asis Kumar Nandi**, Dept. of Botany & Forestry, Vidyasagar University.

Title of Ph. D. thesis: *Prospecting the better yield of Senna occidentalis (L.) biochemical studies.*

Sri Sourav Kundu successfully presented the seminar and no further advice for any change or alteration or inclusion of work was made to him.

In response to the deliberation of **Sk. Md. Ismail Al Amin** the Ph. D. committee advised him on three points as mentioned below -

- i) chromosome study should be repeated for getting better metaphase plates.
- ii) references should be critically checked and inserted in thesis.
- iii) dendograms presented need better & proper classification.

Agenda 4. - Miscellaneous

- i) Adjudicators' list for the evaluation of the thesis of Sri Samiran Pandya under the guidance of Dr. Prakash Karmakar and submitted jointly by Dr. Karmakar and Dr. B. K. Sinha, Scientist F, BSI was approved.
- ii) The request of Prof. (Retd.) N. K. Verma for the withdrawal of his name as the joint supervisor from the Ph. D. programme of Ms. Shilpa Dinda, sent through a letter addressed to the Chairman of Ph. D. committee, was accepted and the withdrawal was granted by the committee.

AK. Nandi