MINUTES

of the Special Meeting of the Board of Studies in Botany held on 30.05.2015 at 11.30 A.M. in the Conference room of the department.

Following members were present:

1. Prof. M. Yunus Khalil Ansari
2. Prof. Nafees Ahmad Khan
3. Prof. Irshad Mahmood
4. Prof. Mansoor A. Siddiqui
5. Prof. M. Badruzzaman Siddiqui
6. Prof. Abrar A. Khan
7. Prof. Hisamuddin
8. Prof. Tabreiz Ahmad Khan
9. Prof. M. Masroor A. Khan
10. Prof. Samiullah Khan
11. Prof. Zaki A. Siddiqui
12. Prof. Shamsul Hayat
13. Prof. Fareed A. Khan
14. Prof. Altaf Ahmad
15. Dr. Athar A. Khan
16. Dr. Qazi Fariduddin
17. Dr. Anwar Shahzad
18. Dr. (Mrs.) Shahla Faizan
19. Dr. Asim Masood
20. Dr. Tariq Aftab
21. Prof. Moinuddin
22. Prof. (Mrs.) Sheila Shahab
23. Prof. (Mrs.) Razia Khatoon Zaidi
24. Dr. (Mrs.) Ghazala Parveen
25. Dr. (Mrs.) Kiran Chauhan
26. Dr. Fauzia Naushin
27. Prof. Firoz Mohammad (In the Chair)

The following items were considered and approved:

Item No. 1

The Board approved to offer following five elective papers of specialization at M.Sc. Final in the session 2015-16.

1. Plant Pathology
2. Advanced Plant Physiology
3. Cytogenetics and Plant Breeding
4. Environmental Botany
5. Plant Biotechnology
Item No. 2

The Teaching Allocation for under-graduate & Post-graduate course for the session 2015-2016 was considered and approved.  

(Annexure 1)

Item No. 3

The Board considered and recommended Minor Changes (Specifications) in the title of Ph.D. Programmes of the following students:

A. Minor Changes (Specifications)

(i). Mr. Tasir Sharief Per (D.O.R: 13.12.2012, En. No.GD-4677) - Ph.D.

New Topic
Developing Methods for Reducing Adverse Effects of Cadmium Toxicity in Mustard: The Importance of Sulphur and Phytohormones.

Old Topic
Developing Methods for Reducing Adverse Effects of Some Metals Toxicity in Mustard: The Importance of Sulphur and Phytohormones.


New Topic
Effect of Radiation-Processed Sodium Alginate and Chitosan Applied with Polyacrylamide (PAM) on Physiology Activities and Essential Oil Production of Vertiver (Vetiveria zizanioides (L.) Nash).

Old Topic
Effect of Radiation-Processed Sodium Alginate and Chitosan Applied with Polyacrylamide (PAM) on Physiology Activities and Essential Oil Production of Vertiver (Vetiveria zizanioides (L.) Nash).

**New Topic**

Influence of Different Fractions of Radiation-Processed Carrageenan on Performance of Some *Mentha* Species.

**Old Topic**

Influence of Different Fractions of Radiation-Processed Carrageenan on Performance of Some Aromatic Plants.

B. **Major Changes (Specifications)**


**New Topic**

Study of Smoke-Saturated Water and Karrikin (KAR1) – Mediated Changes on Seed Germination of Some Medicinal and Aromatic Plants.

**Old Topic**

Study of Karrikins-Mediated Changes on Germination, Growth, Yield and Active Principal of Some Medicinal Plants.

C. Board reconsidered the name of Prof. Wazahat Hussain as an External Examiner for the Ph.D. Course Work Examination (Paper -1) session 2014-15.

**Item No. 4**

The Board considered and approved the Implementation of Choice Based Credited System (CBCS) and adoption of Credit Framework for Skill Development (CFSD) from the academic session 2015-2016.

(FIROZ MOHAMMAD)
Professor & Chairman

Copy to:
1. All members of Board of Studies.
2. Dean, Faculty of Life Sciences.
3. Dy. Registrar (Councils).

(FIROZ MOHAMMAD)
Professor & Chairman
# ALLOCATION OF TEACHING WORK FOR THE SESSION 2015-2016

## B.Sc. (Hons) I Semester

### Course I

: Cell Biology and Basic Biochemistry

#### Section I

: BTB, BCB, ZYB  (Mains)

- Dr. M. Masroor A. Khan
- Dr. Qazi Fariduddin

**Lab.-I: BTB, BCB, ZYB**  (One register)

#### Section II

: CHB  (Mains)

- Prof. Hisamuddin
- Prof. Altaf Ahmad

**Lab-I: CHB**  (One register)

## B.Sc. (Hons) II Semester

### Course II

: Diversity and Classification of Plant Kingdom

#### Section I

: BTB, BCB, ZYB  (Mains)

- Algae  -  Dr. Qazi Fariduddin
- Fungi  -  Dr. Zaki Anwar Siddiqui
- Bryophytes  -  Prof. Mansoor A. Siddiqui
- Pteridophytes  -  Dr. Anwar Shahzad
- Gymnosperms  -  Dr. Anwar Shahzad
- Angiosperms  -  Dr. Athar A. Khan

**Lab. - II: BTB, BCB, ZYB**  (Mains) - One register

#### Section-II

: CHB  (Mains)

- Algae  -  Dr. Tariq Aftab
- Fungi  -  Prof. Mansoor A. Siddiqui
- Bryophytes  -  Prof. Mansoor A. Siddiqui
- Pteridophytes  -  Dr. Tariq Aftab
- Gymnosperms  -  Dr. Tariq Aftab
- Angiosperms  -  Dr. Athar A. Khan

**Lab. - II: CHB**  (Mains) - One register
Department of Botany
Special Meeting of B.O.S
Held on 30.05.2015

B.Sc. (Hons) III Semester

Course III : Plant Physiology and Ecology
Section I : BTB, BCB, ZYB (Mains)
   Prof. Nafees A. Khan
   Prof. Firoz Mohammad
   Dr. Qazi Fariduddin
   Dr. Tariq Aftab

Lab-III: BTB, BCB, ZYB (Mains) - One register

Section II : CHB (Mains)
   Prof. M. Masroor A. Khan
   Prof. Zaki A. Siddiqui
   Prof. Shamsul Hayat
   Dr. Tariq Aftab

Lab III: CHB (Mains) - One register

B.Sc. (Hons) IV Semester

Course IV : Development of Plants and their Utilization
Section I : BTB, BCB, ZYB (Mains)
   Prof. Zaki A. Siddiqui
   Prof. Fareed A. Khan
   Dr. Tariq Aftab

Lab IV : BTB, BCB, ZYB (Mains) - One register

Section II : CHB (Mains)
   Prof. Fareed A. Khan
   Dr. Qazi Fariduddin
   Dr. Asim Masood

Lab IV: CHB (Mains) - One register
B.Sc. (Hons.) V Semester

Course V : Biology of Cryptogams

Prof. Irshad Mahmood
Prof. Mansoor A. Siddiqui
Prof. M. Masroor A. Khan
Dr. (Mrs.) Shahla Faizan

Lab V : Course V - One register

Course VI : Biology of Seed Plants

Prof. Abrar A. Khan
Prof. Mansoor A. Siddiqui
Dr. (Mrs.) Shahla Faizan

Lab VI : Course VI - One register

Course VII : Microbiology and Plant Pathology

Prof. Abrar A. Khan
Prof. Tabreiz A. Khan
Prof. Zaki A. Siddiqui

Lab VII : Course VII - One register
B.Sc. (Hons.) VI Semester

Course-VIII : Genetics and Plant Breeding
Prof. Altaf Ahmad
Dr. Asim Masood

Lab VIII: Course VIII - One register

Course IX : Biochemistry, Molecular Biology and Biotechnology
Prof. Nafees A. Khan
Prof. Shamsul Hayat
Dr. Qazi Fariduddin
Dr. (Mrs.) Shahla Faizan

Lab IX: Course IX - One register

Course X : Systematics of Angiosperms and Environmental Biology
Prof. M. B. Siddiqui
Dr. Athar A. Khan
Dr. (Mrs.) Shahla Faizan

Lab X: Course X - One register
M.Sc. I Semester

Course I : Cell Biology of Plants
Prof. Altaf Ahmad
Prof. Hisamuddin
Dr. Asim Masood

Course II : Molecular Biology of Plants
Prof. Mohammad Anis
Prof. M. Y. K. Ansari
Dr. Anwar Shahzad
Dr. Tariq Aftab

Course III : Biology and Diversity of Viruses, Bacteria, Fungi and Nematodes
Prof. Irshad Mahmood
Prof. Hisamuddin
Prof. Tabreiz A. Khan

Course IV : Biology and Diversity of Algae, Bryophytes and Pteridophytes
Prof. Mansoor A. Siddiqui
Prof. Tabreiz A. Khan
Prof. M. Masroor A. Khan
Dr. (Mrs.) Shahla Faizan

Course V : Genetics and Cytogenetics
Prof. M. Y. K. Ansari
Dr. Asim Masood

Lab-I : Course I, II and V (One register)
Lab-II : Course III and IV (One register)
M.Sc. II Semester

Course VI : Genetics and Cytogenetics
Prof. Mohammad Anis
Prof. Samiullah Khan
Prof. Altaf Ahmad
Dr. Anwar Shahzad

Course VII : Biology and Diversity of Gymnosperms
Prof. Abrar A. Khan
Prof. Shamsul Hayat
Dr. Asim Masood

Course VIII : Taxonomy of Angiosperms
Prof. M. Badruzzaman Siddiqui
Dr. Athar A. Khan

Course IX : Plant Physiology
Prof. Nafees A. Khan
Prof. M. Masroor A. Khan
Prof. Shamsul Hayat

Course X : Plant Metabolism
Prof. Firoz Mohammad
Prof. Nafees A. Khan
Lab III : Course VI & VII (One register)
Lab IV : Course VIII (One register)
Lab V : Course IX & X (One register)
Department of Botany
Special Meeting of B.O.S
Held on 30.05.2015

M.Sc. III Semester

Course XI : Plant Development
            Prof. Fareed A. Khan
            Dr. Tariq Aftab

Course XII : Plant Reproduction
            Prof. Samiullah Khan
            Dr. Tariq Aftab

Course XIII : Plant Ecology-I
             Prof. Zaki A. Siddiqui
             Prof. Fareed A. Khan
             Dr. Athar A. Khan

Course XIV : Plant Ecology-II
             Prof. Fareed A. Khan
             Dr. Athar A. Khan
             Dr. Qazi Fariduddin

Course XV : Plant Resource Utilization
             Prof. Irshad Mahmood
             Prof. M. Badruzzaman Siddiqui
             Prof. Tabreiz A. Khan

Lab VI     : Course XI (One register)
Lab VII    : Course XII & XV (One register)
Lab VIII   : Course XIII & XIV (One register)
M.Sc. IV Semester

Course XVI: Plant Resource Conservation
- Prof. Irshad Mahmood
- Prof. M. Badruzzaman Siddiqui
- Dr. (Mrs.) Shahla Faizan
- Dr. Asim Masood

Course XVII: Biotechnology-I
- Prof. Mohammad Anis
- Prof. Hisamuddin
- Dr. Anwar Shahzad

Course XVIII: Biotechnology-II
- Prof. Mohammad Anis
- Prof. Altaf Ahmad
- Dr. Anwar Shahzad

Lab IX: Course XVI
Lab X: Course XVII
Lab XI: Course XVIII

Elective Papers XIX & XX (Specialization)

1. Plant Pathology
   - Prof. Irshad Mahmood I & II
   - Prof. Mansoor A. Siddiqui I & II
   - Prof. Abrar A. Khan I & II
   - Prof. Hisamuddin I & II
   - Prof. Tabrez A. Khan I & II
   - Prof. Zaki A. Siddiqui I & II

2. Advanced Plant Physiology
   - Prof. Firoz Mohammad II
   - Prof. Nafees A. Khan II
   - Prof. M. Masroor A. Khan II
   - Prof. Shamsul Hayat I & II
   - Dr. Qazi Fariduddin I
3. **Cytogenetics and Plant Breeding**  
   Papers  
   Prof. Mohammad Anis  I & II  
   Prof. M. Y. K. Ansari  I & II  
   Dr. Samiullah Khan  I & II  

4. **Environmental Botany**  
   Papers  
   Prof. M.B. Siddiqui  I  
   Prof. Abrar A. Khan  I & II  
   Dr. (Mrs.) Shahla Faizan  I & II  

5. **Plant Biotechnology**  
   Papers  
   Prof. Mohammad Anis  I & II  
   Prof. M. Y. K. Ansari  I --  
   Prof. Samiullah Khan  I --  
   Prof. Altaf Ahmad  II  
   Dr. Anwar Shahzad  I & II  

Teachers associate with aforesaid course will also supervise project work.

**Lab-XII: Course XIX & XX**  
(For all five elective papers separately)  
1. Plant Pathology  I & II (One register)  
2. Advanced Plant Physiology  I & II (One register)  
3. Cytogenetics and Plant Breeding  I & II (One register)  
4. Environmental Botany  I & II (One register)  
5. Plant Biotechnology  I & II (One register)
TEACHING ALLOCATON
OF WOMAN’S COLLEGE FOR THE ACADEMIC SESSION 2015-16
(B.Sc. I Year, II Year and III Year)

B.Sc. (Hons) I Semester

Course-I : Cell Biology and Basic Biochemistry

Prof. Moinuddin
Prof. (Mrs.) Akhtar Inam
Prof. (Mrs.) Sheila Shahab
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan
Dr. Fauzia Naushin

B.Sc. (Hons) II Semester

Course-II : Diversity and Classification of the Plant Kingdom

Prof. Moinuddin
Prof. (Mrs.) Razia K. Zaidi
Prof. (Mrs.) Sheila Shahab
Dr. Kiran Lata Chauhan
Dr. Fauzia Naushin

Lab- I: Course-I & II (BTB, BCB, ZYB & CHB)

B.Sc. (Hons) III Semester

Course-III : Plant Physiology and Ecology

Prof. Moinuddin
Prof. (Mrs.) Akhtar Inam
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan

B.Sc. (Hons) IV Semester

Course-IV : Development of Plants and their Utilization

Prof. (Mrs.) Razia K. Zaidi
Prof. (Mrs.) Sheila Shahab
Dr. Fauzia Naushin

Lab- II: Course-III & IV (BTB, BCB, ZYB & CHB)
B.Sc. (Hons) V Semester

Course-V : Biology of Cryptogams
Prof. (Mrs.) Akhtar Inam
Prof. (Mrs.) Sheila Shahab
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan
Dr. Fauzia Naushin

Lab-V: Course- V

Course-VI : Biology of Seed Plants
Prof. (Mrs.) Razia K. Zaidi
Prof. (Mrs.) Sheila Shahab

Lab-VI: Course- VI

Course-VII : Microbiology and Plant Pathology
Prof. (Mrs.) Razia K. Zaidi
Prof. (Mrs.) Sheila Shahab
Dr. (Mrs.) Ghazala Parveen

Lab-VII: Course- VII
B.Sc. (Hons) VI Semester

Course-VIII: Genetics and Plant Breeding

Prof. Moinuddin
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan
Dr. (Mrs.) Fauzia Naushin

Lab-VIII: Course- VIII

Course-IX: Biochemistry, Molecular Biology and Biotechnology

Prof. Moinuddin
Prof. (Mrs.) Akhtar Inam
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan

Lab-IX: Course- IX

Course-X: Systematics of Angiosperms and Environmental Biology

Prof. Moinuddin
Prof. (Mrs.) Akhtar Inam
Dr. (Mrs.) Ghazala Parveen
Dr. Kiran Lata Chauhan

Lab-X: Course- X