Minutes

of the special meeting of the Board of Studies of the Department of Botany held on Saturday, 23rd January, 2016 at 10:30 a.m. in the Conference Hall of the department. The following were present:

1. Prof. A.H.A. Farooqi
2. Dr. Irfan Ali Khan
3. Prof. S. M. Abbas Abidi
4. Prof. Asadullah Khan (Special Invitee)
5. Prof. Mohammad Anis
6. Prof. M. Yunus Khalil Ansari
7. Prof. Nafees Ahmad Khan
8. Prof. Irshad Mahmood
9. Prof. Mansoor A. Siddiqui
10. Prof. M. Badruzzaman Siddiqui
11. Prof. Abrar A. Khan
12. Prof. Hisamuddin
13. Prof. Tabreiz Ahmad Khan
14. Prof. M. Masroor A. Khan
15. Prof. Samiullah Khan
16. Prof. Zaki A. Siddiqui
17. Prof. Shamsul Hayat
18. Prof. Fareed A. Khan
19. Prof. Altaf Ahmad
20. Dr. Athar A. Khan
21. Dr. Qazi Fariduddin
22. Dr. Anwar Shahzad
23. Dr. Asim Masood
24. Dr. Tariq Aftab
25. Prof. (Mrs.) Ghazala Parveen
26. Prof. Moinuddin
27. Prof. (Mrs.) Sheila Shahab
28. Prof. (Mrs.) Akhtar Inam
29. Prof. (Mrs.) Razia Khatoon Zaidi
30. Dr. (Mrs.) Kiran Lata Chauhan
31. Dr. Fauzia Naushin
32. Prof. Firoz Mohammad (In the Chair)
Before taking agenda of the meeting, the chairman on behalf of BOS members and on his own behalf welcomed Prof. Asad Ullah Khan of the Interdisciplinary Biotechnology Unit, AMU, Coordinator, BUILDER Programme as a special invitee. Chairman also congratulated Prof. Ghazala Parveen on becoming Professor.

**Item No. 1**

The board considered and recommended minor changes (specifications)/ major changes in the title of Ph.D. programme of the following students.

(a) **Major changes**

1. **Mr. Khan Bilal Mukhtar Ahmed (D.O.R. 01.12.2015:, En. No.GD-4784) - Ph.D.**
   
   **New Topic**
   
   Physiological Attributes and Essential Oil Production of ‘Java citronella’ (*Cymbopogon winterianus* Jowitt) as Influenced by Radiation – Processed Sodium Alginate, Chitosan and Their Fractions

   **Old Topic**
   
   Physiological Attributes and Essential Oil Production of ‘Patchouli’ (*Pogostemon cablin* (Blanco) Benth.) as Influenced by Radiation – Processed Sodium Alginate, Chitosan and Their Fractions

2. **Ms. Farha Ashfaque (D.O.R:12.02.2014, En. No.GG-2908) - Ph.D.**
   
   **New Topic**
   
   Absorption and distribution of Cd, Cr and Pb grown under combination of NPK, flyash and vermicompost in mustard (*Brassica juncea* L.)

   **Old Topic**
   
   Absorption and distribution of Cu, Cr and Ni in two mustard species grown under NPK and flyash combination
3. Mr. Saqib Ul Kalam (D.O.R:04.12.2015, En. No.GE-7689) - Ph.D.
   
   **New Topic**
   Role of mycorrhiza in the uptake of some heavy metals in selected cucurbits cultivated in some major cities of U P along Ganga river basin

   **Old Topic**
   Occurrence of some heavy metals in selected cucurbits cultivated in some major cities of U P along Ganga river basin.

(b) Minor changes/specifications

   
   **New Topic**
   Effects of brassinosteroids on boron and salt induced changes in Indian mustard (*Brassica juncea* L.)

   **Old Topic**
   Effects of brassinosteroids on nutrients and / or salt induced changes in Indian mustard (*Brassica juncea* L.)

   
   **New Topic**
   Bioavailability of cadmium, nickel and lead in a plant-aphid-ladybird food chain

   **Old Topic**
   Occurrence, uptake, accumulation and biomagnification of metals in ecosystem and their consequences

   New Topic
   Studies on the Mutational Effects of Heavy Metals and Chemical Mutagens in *Lycopersicon esculentum* Mill.

   Old Topic
   Studies on the Effect of Heavy Metals and Chemical Mutagens on *Lycopersicon esculentum* Mill.


   New Topic
   Characterization of genetic variability and mutagenecity induced by mutagens and heavy metals in *Nigella sativa* L. – an important medicinal herb of India

   Old Topic
   Mutagens and heavy metals induced mutational studies in *Nigella sativa* L.

(c) Change of supervisor

   The board considered the application of Mr. Afaan Fazli addressed to Hon’ble Vice Chancellor mentioning his grievances regarding his supervisor of research Prof. M. Masroor Akhtar Khan. Chairman placed the advice of Hon’ble Vice Chancellor for the change of his supervisor. Deliberations were made but nobody became ready to take him.

Item No. 2

   The current status of the BUILDER Programme was taken up. The co-ordinator of the programme Prof. Asad Ullah Khan was requested to brief the status. However, the item of the agenda was withdrawn as the programme was not in purview of the board because of the recent circular of the Hon’ble Pro Vice-Chancellor (vide D. No.47/PVC dated 21.01.2016).
Item No. 3

The earlier approved M.Sc. Course Structure under CBCS Programme by majority members was reconsidered. Some suggestions were incorporated in the course structure. One lab from II Semester and another lab from III Semester were shifted from the ‘Core subjects’ to the ‘Ability Enhancement Discipline Centric’. Course No.13 ‘Genetics and Cytogenetics’ was shifted from II Semester to III Semester. The other Course No.19 ‘Plant Resource Utilization and Conservation’ was shifted from III Semester to II Semester. Course No.17 ‘Genetics Engineering and Tissue Culture’ was renamed as ‘Plant Biotechnology’. The revised course structure (Annexure 1) was put before the board for its approval. After a long discussion (about 90 minutes), no consensus among members was found. The revised course structure was put for voting. However, some members were not ready for voting. Finally, the revised course structure was approved by majority members. It was also decided that the senior most faculty teaching the subject may be the paper setter wherever is necessary. Syllabuses with some modifications were also approved (Annexure 2).

(FIROZ MOHAMMAD)
Professor & Chairman

Copy to:
1. P.A. to Vice Chancellor, AMU, Aligarh.
2. All members of Board of Studies.
3. Dean, Faculty of Life Sciences.
4. Deputy Registrar (Councils).

(FIROZ MOHAMMAD)
Professor & Chairman