of the Special Meeting of the Board of Studies of the Department of Botany held on Tuesday, 20th September, 2016 at 11:30 a.m. in the Conference Hall of the department.

The following members were present:

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

The items of the agenda were taken up:

Item No. 1

The board considered and recommended the admission of the following candidates to Ph.D. (Botany) Course - 2016-2017 along with the research topic and supervisor, with Ph.D. Course Programmes (Paper II) of the candidates being given as Annexure 1 (a - p).
Names of candidates recommended for admission to Ph. D. (Botany) Course

1. Arif Majid
2. Sabeeha Bashir
3. Bilal Ahmad Rather
4. Badar Jahan
5. Atirah Tauseef
6. Aiman Parveen
7. Aiman Zafar
8. Taruba Ansari
9. Yasar Nishat
10. Hari Raghu Kumar
11. Faryad Khan
12. Deeksha Kashyap
13. Shazia Bi Ansari
14. Roshan Jahan
15. Aadil Yousuf Tantray
16. Habiba Kausar
### Candidates’ academic qualifications along with research topic and research supervisor

<table>
<thead>
<tr>
<th>S. No.</th>
<th>NAME OF THE CANDIDATE</th>
<th>ACADEMIC QUALIFICATIONS (% Marks)</th>
<th>Marks obtained in Entrance Test (%)</th>
<th>TOPIC</th>
<th>SUPERVISOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>ARIF MAJID</td>
<td>69.75 B.Sc. JUK 72.95 M.Sc. AMU</td>
<td>58.97</td>
<td>The interaction of ethylene and abscisic acid with macronutrients in regulation of salt stress in <em>Brassica juncea</em></td>
<td>Dr. Asim Masood</td>
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<tr>
<td>2.</td>
<td>SABEEHA BASHIR</td>
<td>64.38 B.Sc. JUK 68.48 M.Sc. JUK</td>
<td>56.21</td>
<td>Selenium mediated response of <em>Lycopersicon esculentum</em> under low temperature stress and salicylic acid</td>
<td>Dr. Qazi Fariduddin</td>
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<td>3.</td>
<td>BILAL AHMAD RATHER</td>
<td>50.77 B.Sc. JUK 78.36 M.Sc. OUH</td>
<td>55.46</td>
<td>The influence of phytohormones on physiological, histochemical and molecular changes in <em>Brassica juncea</em> under copper stress</td>
<td>Dr. Asim Masood</td>
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<tr>
<td>4.</td>
<td>BADAR JAHAN</td>
<td>63.63 B.Sc. MUM 71.75 M.Sc. AMU</td>
<td>54.63</td>
<td>The involvement of nitric oxide and ethylene in alleviation of salt stress in <em>Brassica juncea</em></td>
<td>Prof. Nafees A. Khan</td>
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<td>5.</td>
<td>ATIRAH TAUSEEF</td>
<td>76.06 B.Sc. AMU 80.16 M.Sc. AMU</td>
<td>53.7</td>
<td>Studies on a pulse crop plant infected with the root-knot nematode, <em>Meloidogyne incognita</em></td>
<td>Prof. Hisamuddin</td>
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<td>6.</td>
<td>AIMAN PARVEEN</td>
<td>63.40 B.Sc. AMU 77.33 M.Sc. AMU</td>
<td>49.31</td>
<td>Studies on the management of some fungal and bacterial diseases of tomato using nanomaterials</td>
<td>Prof. Zaki A. Siddiqui</td>
</tr>
<tr>
<td>7.</td>
<td>AIMAN ZAFAR</td>
<td>77.33 B.Sc. AMU 80.04 M.Sc. AMU</td>
<td>47.74</td>
<td>Integrated management of disease complex involving <em>Meloidogyne incognita</em> and <em>Fusarium oxysporum</em> infesting <em>Vigna mungo</em></td>
<td>Prof. Irshad Mahmood</td>
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<tr>
<td>8.</td>
<td>TARUBA ANSARI</td>
<td>70.40 B.Sc. AMU 77.50 M.Sc. AMU</td>
<td>45.85</td>
<td>Performance of organic soil amendments and bioinoculants against <em>Meloidogyne incognita</em> infesting a medicinal plant <em>Mentha arvensis</em> L.</td>
<td>Prof. Mansoor A. Siddiqui</td>
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<tr>
<td>No.</td>
<td>Name</td>
<td>CGPA AMU</td>
<td>CGPA BAU</td>
<td>CGPA AMU</td>
<td>Project Description</td>
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<tr>
<td>9</td>
<td>YASAR NISHAT</td>
<td>58.86 AMU</td>
<td>69.87 AMU</td>
<td>44.12</td>
<td>Studies on a medicinal plant infected with the root-knot nematode, <em>Meloidogyne incognita</em></td>
</tr>
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<td>10</td>
<td>HARI RAGHU KUMAR</td>
<td>59.06 AMU</td>
<td>70.79 AMU</td>
<td>42.6</td>
<td>Integrated management of <em>Meloidogyne incognita</em>–<em>Rhizoctonia solani</em> disease complex on <em>Vigna radiata</em></td>
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<td>11</td>
<td>FARYAD KHAN</td>
<td>71.20 AMU</td>
<td>71.25 AMU</td>
<td>42.37</td>
<td>Integrated approach for the management of phytonematodes through organic matter and bioagents infesting <em>Daucus carota</em></td>
</tr>
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<td>12</td>
<td>DEEKSHA KASHYAP</td>
<td>62.37 BAU</td>
<td>67.71 BAU</td>
<td>42.2</td>
<td>Studies on the interactions of <em>Meloidogyne incognita</em> and <em>Pseudomonas syringae</em> pv. <em>pisi</em> in different soil types on pea</td>
</tr>
<tr>
<td>13</td>
<td>SHAZIA BI ANSARI</td>
<td>68.51 RUB</td>
<td>72.12 AMU</td>
<td>50.03</td>
<td>Mutation Studies in fenugreek (<em>Trigonella foenum graecum</em> L.) with special reference to yield and its component traits</td>
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<td>14</td>
<td>ROSHAN JAHAN</td>
<td>55.86 AMU</td>
<td>70.83 AMU</td>
<td>42.15</td>
<td>Mutation Breeding for Improved Seed Quantity and Quality Traits in linseed (<em>Linum usitatissimum</em> L.) using single and combination treatments of Gamma rays and Sodium azide</td>
</tr>
<tr>
<td>15</td>
<td>AADIL YOUSUF TANTRAY</td>
<td>61.05 KUK</td>
<td>71.66 AMU</td>
<td>49.13</td>
<td>Organ – specific and organelle – specific proteome profile of rice under nutrient deficiency</td>
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<tr>
<td>16</td>
<td>HABIBA KAUSAR</td>
<td>67.06 AMU</td>
<td>74.41 AMU</td>
<td>47.62</td>
<td>Designing and development of FRET-based genetically incoded nanosensors for real – time monitoring of flux of antioxidant metabolites in living cells</td>
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</table>
Item No. 2

The Board Considered and recommended the appointment of Examiners and Moderators for Under-graduate and Post-graduate examinations (2016-17). The list has been sent to the Controller of Examination under sealed cover.

Item No. 3

The Board considered and approved that the Environmental Studies paper for the undergraduate has been upgraded to 4 credits instead of 02 credits of B.Sc. IV semester discipline centric and open elective allocation.

Item No. 4

The Board considered and approved the Reframing of B.Sc. Botany syllabi under CBCS in B.Sc. V and VI semester. (Proforma enclosed)

Item No. 5 Matter related to research

a. The Board discussed the application of Mr. Naushad Ahmad addressed to the Hon’ble vice Chancellor regarding the exemption from Ph.D. entrance examination 2016-17. His case was not considered because he did not appear in Presentation-cum-interview held on 19.09.2016.

b. The admission of Miss Shafia Siddiqui (En. No.GD-9352) was cancelled on her application dated 16.08.2016 and permitted by her supervisor Dr. (Mrs.) Shahla Faizan.

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

Minor Changes (Specifications)


New Topic

Studies on Interactive Effects of Different Plant Growth Regulators on In vitro Regeneration and Biochemical Yield in Allamanda cathartica L.

Old Topic

Micropropagation and control of morphogenesis in tissue culture of some medicinal plants.
Ms. Aisha Sumbul (D.O.R: 06.05.2014, En. No.GC-6880) - Ph.D.

**New Topic**

Studies on the interaction and sustainable management of *Meloidogyne incognita* – *Macrophomina phaseolina* disease complex on chickpea.

**Old Topic**


**Major Change**

(i). Ms. Rakshanda Akhtar (D.O.R: 08.04.2013, En. No.GA-8828) - Ph.D.

**New Topic**

Biotechnological strategies for the propagation and conservation of *Glycyrrhiza glabra* L. and *Santalum album* L. – the plant species of high pharmacological and economic value.

**Old Topic**

Biotechnological strategies for the propagation and conservation of *Coscinium fenestratum* (Gaertn.) Colebr. and *Santalum album* L. – the threatened plant species.


**New Topic**

Interaction of ZnO Nanoparticle and AM Fungi on the uptake of Cd and Pb in Wheat Plant.

**Old Topic**

Bioavailability of metals in an ecosystem.

(M. Yunus Khalil Ansari)
Professor & Chairman

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

(M. Yunus Khalil Ansari)
Professor & Chairman