

The following members were present in the meeting:

| | | | |
|-----|--|----|-----------------------|
| 1. | Prof. M.S. Nathawat | -- | Chairman |
| 2. | Prof. Gurmeet Singh, VC, Pondicherry University, Punducherry | -- | External Member |
| 3. | Prof. Harjit Singh (Retd.), CSRD , JNU, New Delhi | -- | External Member |
| 4. | Prof. Rakesh Srivastava, M.S. University, Vadodara. | -- | External Member |
| 5. | Dr. Sunil Kumar, Associate Professor, SoMS, IGNOU | -- | Member (Other School) |
| 6. | Ms. Poonam Bhushan, Associate Professor, SoE, IGNOU | -- | Member (Other School) |
| 7. | Dr. Parmod Kumar, Associate Professor, SoH, IGNOU | -- | Member (Other School) |
| 8. | Prof. Parvin Sinclair | -- | Member |
| 9. | Prof. Vijayshri | -- | Member |
| 10. | Prof. Sunita Malhotra | -- | Member |
| 11. | Prof. Poornima Mital | -- | Member |
| 12. | Prof. Sujatha Varma | -- | Member |
| 13. | Prof. Jaswant Sokhi | -- | Member |
| 14. | Prof. Bharat Inder Fozdar | -- | Member |
| 15. | Prof. Neera Kapoor | -- | Member |
| 16. | Prof. S. R. Jha | -- | Member |
| 17. | Prof. Javed A. Farooqi | -- | Member |
| 18. | Prof. Amrita Nigam | -- | Member |
| 19. | Prof. Bano Saidullah | -- | Member |
| 20. | Prof. Sanjiv Kumar | -- | Member |
| 21. | Prof. Lalita S. Kumar | -- | Member |
| 22. | Prof. Shubha Gokhale | -- | Member |
| 23. | Prof. Kamalika Banerjee | -- | Member |
| 24. | Dr. Sanjay Gupta | -- | Member |
| 25. | Dr.M. Prashanth | -- | Member |
| 26. | Dr. Manish Trivedi | -- | Member |
| 27. | Dr. Mohammed Abdul Kareem | -- | Member |
| 28. | Dr. Vishal Warpa | -- | Member |
| 29. | Mr. Pawan Kumar | -- | Member |

Prof. Reena Mathur (Retd.), Univ. of Rajasthan, Jaipur, Prof.Ranjit Kumar Mishra, Professor, Dept. of Biochemistry, Lucknow University and Prof. C.R.K. Murthy STRIDE, IGNOU, could not attend the meeting.

At the outset, the Chairman welcomed all the existing members of the School Board of the School of Sciences as well as the new members. He also thanked the outgoing members for their contribution in the past meetings.

Following this, the meeting took place agenda item-wise, as below:

| AGENDA NO. | SUB-AGENDA NO. | AGENDA | ANNEXURE |
|-------------------------------|--|---|--------------------------------------|
| SB 63.1a | | To consider and approve Minutes of 62nd Meeting of School Board of School of Sciences held on 26th September 2018 and the Action Taken Report on the Minutes. | SB63.1.1.1 & SB 63.1.1.2 |
| | Matter for discussion | The Minutes of 62 nd Meeting of School Board of School of Sciences held on 26 th September 2019 and Action Taken Report (ATR) on the Minutes were presented before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The Minutes of 62 nd Meeting of School Board of School of Sciences were circulated well in advance to all the faculty members of the School of Sciences. Since no comment was received, the Minutes were finalized. On that basis, the ATR was prepared. Both the Minutes and the ATR, were placed. The School Board of School of Sciences considered and approved both. | |
| SB 63.1b | Matter arising from the Minutes | Prof. Vijayshri raised an objection about the recording of the Minutes pertaining to agenda item SB 62.9.2 of the Minutes of 62 nd Meeting of SB of the SoS. Then she submitted a dissent note, which is placed as Annexure-SB 63.1.1b | |
| SB 63.2 | | To consider and approve Minutes of 24th Meeting of Standing Committee of School Board of Sciences held on 15th January 2019. | SB 63.2.1.1 |
| | Matter for discussion | The Minutes of 24 th Meeting of Standing Committee of School Board of Sciences held on 15 th January 2019 was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | Since no objection is raised about the Minutes, the School Board of School of Sciences approved the Minutes of 24 th Meeting of SBSC of School of Sciences. | |
| SB 63.3 (Biochemistry) | | To consider and approve agenda items pertain to <u>Discipline of Biochemistry.</u> | |
| | SB 63.3.1 | To consider and recommend the names of Paper Setters and Moderators for the PhD Biochemistry Entrance Examination. | SB 63.3.1.1 & SB 63.3.1.2 |
| | Matter for discussion | The complied lists of Paper Setters and Moderators for entrance examination of Ph.D. Biochemistry Programme (PHDBC) were submitted before the School Board of School of Sciences. | |
| | Decision of | The School Board of School of Sciences | |

| | | | |
|----------------------------|--|--|---|
| | SB of SOS | considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | | | |
| | SB 63.3.2 | To consider and approve the Minutes of 13th and 14th Doctoral Committee Meetings of Biochemistry Discipline. | SB 63.3.2.1 & SB 63.3.2.2 |
| | Matter for discussion | The Minutes of two meetings of Doctoral Committee of Biochemistry Discipline held on 11 th October, 2018 and 22 nd Feb. 2019 were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Minutes of two meetings of Doctoral Committee of Biochemistry Discipline held on 11 th October, 2018 and 22 nd Feb. 2019. | |
| | | | |
| | SB 63.3.3 | To consider and approve the list of Examiners for the evaluation of PhD thesis submitted by Ms. Jyoti Rastogi [En.No.138000593] registered in the PhD Biochemistry Programme. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for the evaluation of PhD thesis submitted by Ms. Jyoti Rastogi [En.No.138000593] registered in the PhD Biochemistry Programme was submitted in a confidential cover before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Ms. Jyoti Rastogi [En.No.138000593] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | | | |
| SB 63.4 (Chemistry) | To consider and approve agenda items pertain to <u>Discipline of Chemistry.</u> | | -- |
| | SB 63.4.1 | To consider and approve the syllabus of the Core Chemistry Course "Chemistry-DSC 2C: Solutions, Phase Equilibrium, Conductance, Electrochemistry and Functional Group Organic Chemistry-II (Credits: Theory-04, Code: BCHCT-135 and Practicals-02, Code: BCHCL-136)" to be offered at the 3rd | SB 63.4.1.1 & SB 63.4.1.2 |

| | | Semester under the UGC-CBCS scheme. | |
|--|------------------------------|---|--------------------------------------|
| | Matter for discussion | The Minutes of the meeting of the Course Design and Development Committee held on 30 th January 2019 and the finalized syllabus for the Core Chemistry Course " <i>Chemistry-DSC 2C: Solutions, Phase Equilibrium, Conductance, Electrochemistry and Functional Group Organic Chemistry-II (Credits: Theory-04, Code: BCHCT-135 and Practicals-02, Code: BCHCL-136)</i> " to be offered at the 3 rd Semester under the UGC-CBCS scheme were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | SB 63.4.2 | To consider and recommend the list of Paper Setters and Evaluators for the Application Oriented Course in Chemistry, AEC-01. | SB 63.4.2.1 |
| | Matter for discussion | The list of Paper Setters and Evaluators for the Application Oriented Course, AEC-01 submitted by the Discipline of Chemistry was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | SB 63.4.3 | To consider and recommend the list of Paper Setters and Evaluators for the Elective Course in Chemistry, CHE-09 and the Discipline Specific Elective Courses of B.Sc. Chemistry Programme under CBCS, BCHET-149 and BCHEL-150. | SB 63.4.3.1 & SB 63.4.3.2 |
| | Matter for discussion | The list of Paper Setters and Evaluators for the Elective Course in Chemistry, CHE-09 and the Discipline Specific Elective Courses of B.Sc. Chemistry Programme under CBCS, BCHET-149 and BCHEL-150 submitted by the Discipline of Chemistry was placed before the School Board of School of Sciences. | |

| | | | |
|--|------------------------------|--|---|
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | SB 63.4.4 | To consider and approve the Minutes of the Expert Committee Meeting in the Discipline of Chemistry held on 22.02.2019 for the Discipline Specific Elective Course offered in Semester-V, Molecules of Life of the B.Sc. Programme under UGC, CBCS. | SB 63.4.4.1 & SB 63.4.4.2 |
| | Matter for discussion | The Minutes of the Expert Committee Meeting of the Discipline of Chemistry held on 22 nd February 2018 and the finalized syllabi of the Discipline Specific Elective Courses offered in Semester-V, Molecules of Life (Theory and Lab) of the B.Sc. Programme under UGC, CBCS were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | SB 63.4.5 | To consider and approve the list of Examiners for Ph.D. Thesis of Mr. Inamdar Murad Ismail [En.No. 127724140] registered under supervision of Prof. Lalita S. Kumar in the Ph.D. Chemistry Programme. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of Ph.D. Thesis of Mr. Inamdar Murad Ismail [En.No. 127724140] was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The School Board of School of Sciences directed the Discipline of Chemistry to provide paper publication details of the student. and then, the list of Experts for evaluation of thesis of Mr. Inamdar Murad Ismail [En.No.127724140] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |

| | | | |
|--|------------------------------|--|---------------------------------------|
| | | | |
| | | | |
| | SB 63.4.6 | To consider and approve the syllabus of the Core Chemistry Course "Chemistry-DSC 2D: Coordination Chemistry, States of Matter & Chemical Kinetics (Credits: Theory-04, Code BCHCT-137 and Practicals-02, Code: BCHCL-138)" to be offered at the 4th Semester under the UGC-CBCS scheme. | SB 63.4.6.1 & SB 63.4.6.2. |
| | Matter for discussion | The Minutes of the meeting of the Course Design and Development Committee held on 5 th February 2019 and the finalized syllabus for the Core Chemistry Course "Chemistry-DSC 2D: Coordination Chemistry, States of Matter & Chemical Kinetics (Credits: Theory-04, Code BCHCT-137 and Practicals-02, Code: BCHCL-138)" to be offered at the 4 th Semester under the UGC-CBCS scheme was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | | | |
| | SB 63.4.7 | To consider and approve the Minutes of the Expert Committee Meeting held on 28th February 2019 and the syllabus for the Elective Course (theory and lab) for B.Sc. CBCS of Chemistry. | SB 63.4.7.1 & SB 63.4.7.2 |
| | Matter for discussion | The Minutes of the Expert Committee Meeting held on 28 th February 2019 and the syllabus for the Elective Course (theory and lab), entitled " Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy " [BCHCT-147] for B.Sc. CBCS with Chemistry were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | | | |
| | SB 63.4.8 | To consider and recommend the names of the Moderators, Paper Setters and | SB 63.4.8.1 |

| | | | |
|----------------------------|--|---|------------------------------------|
| | | Evaluators for the Core Chemistry Course "Chemistry-DSC 1C: Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons (Credits: Theory-04, Code: BCHCT-131 and Practicals-02, Code: BCHCL-132)" to be offered at the 1st Semester under the UGC-CBCS scheme) | |
| | Matter for discussion | The names of the Moderators, Paper Setters and Evaluators for the Core Chemistry Course "Chemistry-DSC 1C: Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons (Credits: Theory-04, Code: BCHCT-131 and Practicals-02, Code: BCHCL-132)" to be offered at the 1 st Semester under the UGC-CBCS scheme) was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | | | |
| | SB 63.4.9 | To consider and approve the Minutes of the Expert Committee Meeting held on 27th February 2019. | SB 63.4.9.1 and SB 63.4.9.2 |
| | Matter for discussion | The Minutes of the Expert Committee Meeting of the Discipline of Chemistry held on 27 th February 2019 and the syllabi for the Core Course (Theory and Lab) entitled, " Analytical Methods in Chemistry " [BCHCT-141] for B.Sc. CBCS of Chemistry were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | | | |
| SB 63.5 (Geography) | To consider and approve agenda items pertain to <u>Discipline of Geography.</u> | | |
| | SB 63.5.1 | To consider and approve the Minutes of 35th, 36th, 37th, 38th and 39th Meetings of Doctoral Committee of Discipline of Geography held on 26th December 2018, 13th, 14th and 15th February 2019 respectively. | SB 63.5.1.1 to SB 63.5.1.5 |

| | | | |
|--------------------------|--|--|--|
| | Matter for discussion | The Minutes of 35 th , 36 th , 37 th , 38 th and 39 th Meetings of Doctoral Committee of Discipline of Geography held on 26 th December 2018, 13 th , 14 th and 15 th February 2019 respectively were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Minutes of 35 th , 36 th , 37 th , 38 th and 39 th Meetings of Doctoral Committee of Discipline of Geography held on 26 th December 2018, 13 th , 14 th and 15 th February 2019 respectively placed before it. | |
| | SB 63.5.2 | To consider and approve the additional list of unit writers of M.Sc. in Geography Programme. | SB 63.5.2.1 |
| | Matter for discussion | The additional list of unit writers for M.Sc. in Geography Programme submitted by the Discipline of Geography was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the additional list of unit writers for M.Sc. Programme (Geography) submitted by the Discipline of Geography. As per Norms, this annexure will be sent to the competent authority for his approval. | |
| | SB 63.5.3 | To consider and approve the additional list of Experts for Doctoral Committee of Discipline of Geography. | SB 63.5.3.1 |
| | Matter for discussion | The additional list of Experts for the Doctoral Committee of Discipline of Geography was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| SB 63.6 (Geology) | To consider and approve agenda items pertain to <u>Discipline of Geology.</u> | | -- |
| | SB 63.6.1 | To consider and approve the Minutes of the Course Design Expert Committee Meeting held on 8th February, 2019 and 11th | SB 63.6.1.1, SB 63.6.1.2; SB 63.6.1.3 & |

| | | | |
|--|------------------------------|--|--------------------------------------|
| | | February, 2019 to design syllabus of the Discipline Specific Elective (DSE) courses titled Elements of Applied Geology, Elements of Applied Geology Laboratory, Environmental Geology and Environmental Geology Laboratory, for the B.Sc. with Geology Programme under UGC-CBCS. | SB 63.6.1.4. |
| | Matter for discussion | The Minutes of the Course Design Expert Committee Meeting held on 8 th February, 2019 and 11 th February, 2019 and the syllabus of the Discipline Specific Elective (DSE) courses titled Elements of Applied Geology, Elements of Applied Geology Laboratory, Environmental Geology and Environmental Geology Laboratory, for the B.Sc. with Geology Programme under UGC-CBCS were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Minutes of the Course Design Expert Committee Meeting held on 8 th February, 2019 and 11 th February, 2019 and the syllabus of the Discipline Specific Elective (DSE) courses titled Elements of Applied Geology, Elements of Applied Geology Laboratory, Environmental Geology and Environmental Geology Laboratory, for the B.Sc. with Geology Programme under UGC-CBCS placed before it. | |
| | | | |
| | SB 63.6.2 | To consider and approve the lists of Experts for the Course Writers, Course Editors and Translators for the four Discipline Specific Elective (DSE) Courses titled: Elements of Applied Geology [BGYET-145], Elements of Applied Geology Laboratory [BGYEL-146], Environmental Geology [BGYET-143] and Environmental Geology Laboratory [BGYEL-144], for the B.Sc. with Geology Programme under UGC-CBCS. | SB 63.6.2.1 & SB 63.6.2.2 |
| | Matter for discussion | The lists of Experts for the Course Writers, Course Editors and Translators for the four Discipline Specific Elective (DSE) Courses titled: <i>Elements of Applied Geology [BGYET-145], Elements of Applied Geology Laboratory [BGYEL-146], Environmental Geology [BGYET-143] and Environmental Geology Laboratory [BGYEL-144], for the B.Sc. with Geology Programme under UGC-CBCS</i> were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the | |

| | | | |
|--|------------------------------|--|--|
| | | Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | | | |
| | SB 63.6.3 | To consider and approve Minutes of the 39th, 40th, 41st, 42nd and 43rd meetings of the Doctoral Committee for Ph.D. programme in Geology held on 24th January 2019, 1st February 2019, 6th February 2019, 7th February 2019 and 26th February 2019. | SB 63.6.3.1, SB 63.6.3.2, SB 63.6.3.3, SB 63.6.3.4 & SB 63.6.3.5. |
| | Matter for discussion | The Minutes of the 39 th , 40 th , 41 st , 42 nd and 43 rd meetings of the Doctoral Committee for Ph.D. programme in Geology held on 24 th January 2019, 1 st February 2019, 6 th February 2019, 7 th February 2019 and 26 th February 2019 were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences approved the Minutes of the 39 th , 40 th , 41 st , 42 nd and 43 rd meetings of the Doctoral Committee for Ph.D. programme in Geology held on 24 th January 2019, 1 st February 2019, 6 th February 2019, 7 th February 2019 and 26 th February 2019 placed before it. | |
| | | | |
| | SB 63.6.4 | To consider and approve the additional list Hindi Translator for all the courses of B.Sc.(Geology) under UGC-CBCS. | SB.63.6.4.1 |
| | Matter for discussion | The additional list Hindi Translator for all the courses of B.Sc.(Geology) under UGC-CBCS was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the additional list of Hindi Translator for all the courses of B.Sc.(Geology) under UGC-CBCS. As per suggestion, this list may be used as common list for Geology and Geography Disciplines . | |
| | | | |
| | SB 63.6.5 | To consider and approve the additional list of Course Writers for the core course <i>Stratigraphy and Palaeontology</i> of B.Sc. with Geology programme under UGC-CBCS. | SB 63.6.5.1 |
| | Matter for discussion | The additional list of Course Writers for the core course <i>Stratigraphy and Palaeontology</i> of B.Sc. with Geology programme under UGC-CBCS submitted by the Discipline of Geology was placed before the School Board of School of Sciences. | |
| | Decision of | The School Board of School of Sciences | |

| | | | |
|--------------------------------|--|---|---|
| | SB of SOS | considered and approved the additional list of Course Writers for the core course <i>Stratigraphy and Palaeontology</i> of B.Sc. with Geology programme under UGC-CBCS submitted by the Discipline of Geology placed before it. | |
| SB 63.7 (Life Sciences) | To consider and approve agenda items pertain to <u>Discipline of Life Sciences.</u> | | |
| | SB 63.7.1 | To consider and approve the Minutes of Expert Committee Meeting in the Discipline of Life Sciences held on 1st February 2019 and the syllabi for the B.Sc. Programme under UGC CBCS. | SB 63.7.1.1 & SB 62.7.1.2. |
| | Matter for discussion | The Minutes of Expert Committee Meeting of the Discipline of Life Sciences held on 1 st February 2019 and the syllabi for the B.Sc. Programme under UGC CBCS were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | SB 63.7.2 | To consider and recommend the names of moderators, evaluators and paper-setters for the courses of BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137 & BBYET-141 being offered as core course in BSCG (With Botany). | SB 63.7.2.1, SB 63.7.2.2 & SB 63.7.2.3 |
| | Matter for discussion | The lists of names of moderators, evaluators and paper-setters for the courses of BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137 & BBYET-141 being offered as core course in BSCG (With Botany) submitted by the Discipline of Life Sciences were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | SB 63.7.3 | To consider and recommend the names of moderators, evaluators and paper-setters for | SB 63.7.3.1, SB 63.7.3.2 & |

| | | | |
|--|------------------------------|--|---|
| | | the courses BZYCT-131 and BZYCT-133 being offered as Core Courses in BSCG (With Zoology). | SB 63.7.3.3. |
| | Matter for discussion | The lists of the names of moderators, evaluators and paper-setters for the courses BZYCT-131 and BZYCT-133 being offered as Core Courses in BSCG (With Zoology) submitted by the Discipline of Life Sciences were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | | | |
| | SB 63.7.4 | To consider and approve additional names of Hindi Translators for all B.Sc Courses in Botany. | -- |
| | Matter for discussion | The Discipline of Life Sciences proposed the following names of experts as Hindi Translators for the Life Sciences courses: 1. Prof. Ganesh Shankar Paliwal 216, Vaishali, Pitampura, Delhi-110034 M: 7065727631, Tel: 011-42455579 (Hindi Translator for all the courses in Botany) 2. Dr. Bharti Pareek, Assistant Professor in the Department of Zoology, University of Rajasthan, Jaipur-302004. (Mobile No.: 9413452743) (Hindi Translator for all the courses in Zoology) The above names of experts were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item placed before it. | |
| | | | |
| | SB 63.7.5 | To consider and approve the Minutes of Expert Committee Meeting in the Discipline of Life Sciences held on 6th March 2019 and finalized syllabus of the Core Course Zoology BZYET-141 (<i>Immunology</i>) for B.Sc. Programme under UGC-CBCS. | SB 63.7.5.1 SB 63.7.5.2. |
| | Matter for | The Minutes of Expert Committee Meeting in the | |

| | | | |
|--|------------------------------|--|---|
| | discussion | Discipline of Life Sciences held on 6 th March 2019 and finalized syllabus of the Core Course Zoology BZYET-141 (<i>Immunology</i>) for B.Sc. Programme under UGC-CBCS were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure for circulation with the Minutes for confirmation. | |
| | SB 63.7.6 | To consider and approve the name of Editor for Ecology component of the Core Course Botany Paper II (<i>Plant Ecology and Taxonomy</i>), Course Code: BBYCT-133. | |
| | Matter for discussion | The Discipline of Life Sciences proposed the name of Dr. Prithipal Singh, Associate Professor, Department of Botany, Kirorimal College, University of Delhi, Delhi-110007 as an Editor for Ecology component of the Core Course Botany Paper II (<i>Plant Ecology and Taxonomy</i>), Course Code: BBYCT-133. The name was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the agenda item placed before it. | |
| | SB 63.7.7 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Ms. Pooja Bhadoriya [En. No. 131637450] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Ms. Pooja Bhadoriya [En. No. 131637450] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Ms. Pooja Bhadoriya [En. No. 131637450] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | SB 63.7.8 | To consider and approve the list of | The list is |

| | | | |
|--|------------------------------|---|---|
| | | Examiners for evaluation of the Ph.D. Thesis of Mr. Rajiv Kumar Shukla [En. No. 122877769] in the Discipline of Life Sciences. | placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Mr. Rajiv Kumar Shukla [En. No. 122877769] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Mr. Rajiv Kumar Shukla [En. No. 122877769] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | | | |
| | SB 63.7.9 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Ms. Rekha Jaiswal [En. No. 122877855] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Ms. Rekha Jaiswal [En. No. 122877855] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The School Board of School of Sciences directed the Discipline of Chemistry to provide paper publication details of the student. Then, the list of Experts for evaluation of thesis of Ms. Rekha Jaiswal [En. No. 122877855] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | | | |
| | SB 63.7.10 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Mr. Rajranjan Tiwari [En. No. 131636924] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Mr. Rajranjan Tiwari [En. No. 131636924] in the Discipline of Life Sciences was placed before 62 nd Meeting of School Board of | |

| | | | |
|--|------------------------------|--|---|
| | | School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | This list was already approved by the School Board of School of Sciences in its 62 nd meeting held on 26 th September 2018. However, due to some basic requirements were to be done by the student, the School Board of School of Sciences, authorized the Director to keep the list in his safe custody, till the necessities were fulfilled. It was informed in the meeting that the requirements had been done, hence, the list would be sent to Research Unit in a confidential cover for further processing at their end. | |
| | SB 63.7.11 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Ms. Neha Dhyani [En. No. 131636900] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Ms. Neha Dhyani [En. No. 131636900] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Ms. Neha Dhyani [En. No. 131636900] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | SB 63.7.12 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Ms. Charu Gupta [En. No. 131637481] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis for evaluation of Ms. Charu Gupta [En. No. 131637481] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Ms. Charu Gupta [En. No. 131637481] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of | |

| | | | |
|--|------------------------------|--|---|
| | | Minutes by the Competent Authority. | |
| | SB 63.7.13 | To consider and approve the list of Examiners for the Ph.D. Thesis of Mr. Mukul Jain [En. No. 131637467] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Mr. Mukul Jain [En. No. 131637467] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The list of Experts for evaluation of thesis of Ms. Charu Gupta [En. No. 131637481] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | SB 63.7.14 | To consider and approve the list of Examiners for evaluation of the Ph.D. Thesis of Mr. Abhishek Jha [En. No. 131636956] in the Discipline of Life Sciences. | The list is placed in a confidential cover |
| | Matter for discussion | The list of Examiners for evaluation of the Ph.D. Thesis of Mr. Abhishek Jha [En. No. 131636956] in the Discipline of Life Sciences was placed before the School Board of School of Sciences in a confidential cover. | |
| | Decision of SB of SOS | The School Board of the School of Sciences directed to provide complete publication of paper details of the student. Then, the list of Experts for evaluation of thesis of Mr. Abhishek Jha [En. No. 131636956] was read out before the members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of Minutes but be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of Minutes by the Competent Authority. | |
| | SB 63.7.15 | To consider and approve the Minutes of the Meetings of the Doctoral Committee of Life Sciences held on 21st January 2019, 7th February 2019 and 5th March 2019. | |
| | Matter for | The Discipline of Life Sciences submitted the | |

| | | | |
|------------------------------|---|--|---|
| | discussion | Minutes of the Meetings of the Doctoral Committee of Life Sciences held on 21 st January 2019, 7 th February 2019 and 5 th March 2019. The following issues were discussed and finalized in these meetings: 1. To assess and finalize the Pre-PhD Seminar presentation of PhD Scholars Mr. Mukul Jain [En.131637467] and Mr. Abhishek Jha [En.131636956]; 2. To assess and approve sixth monthly progress reports of PhD Scholars of Life Sciences programme. 3. To assess and approve the synopsis of a PhD Scholar Ms. Nisha Kachhap. Dr. Parvesh Bubber has been nominated as Co-supervisor of the student. The Minutes of the meetings were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Minutes placed before it. | |
| | | | |
| | SB 63.7.16 | To consider and approve bifurcation of the Discipline of Life Sciences into Discipline of Zoology and Discipline of Botany. | SB 63.7.16.1 |
| | Matter for discussion | The Discipline of Life Sciences submitted a justification note for the bifurcation of the Discipline of Life Sciences into Discipline of Botany and Discipline of Zoology in light of the UGC-CBCS framework. | |
| | Decision of SB of SOS | This agenda item was discussed in detail. However, the School Board of School of Sciences advised the Discipline of Life Sciences to place this matter before the higher authority through the Director of the School of Sciences. | |
| | | | |
| SB 63.8 (Mathematics) | To consider and approve agenda Item pertains to <u>Discipline of Mathematics</u> | | |
| | SB 63.8.1 | To consider and recommend the lists of paper setters, moderators and evaluators of the courses of the course work of the programme PHDMT. | SB 63.8.1.1. SB 63.8.1.2 & SB 63.8.1.3 |
| | Matter for discussion | The Discipline of Mathematics submitted lists of paper setters, moderators and evaluators for the courses RMT-101, RMT-102, RMT-103, RMTE-104, RMTE-105, RMTE-106 and RMTE-107 of PHDMT of the course work of PHDMT Programme. The lists were placed before the School Board of School of Sciences. | |

| | | | |
|--------------------------|--|---|--------------------|
| | Decision of SB of SOS | The School Board of School of Sciences considered and recommended the agenda item. Since some minor corrections were pointed out by the members of the School Board, it authorized the Chairperson to accept the revised version of annexure, to be sent for the approval of the competent authority. | |
| | SB 63.8.2 | To consider and recommend the revised list of paper setters of the course LMT-01 of the CTPM programme. | SB 63.8.2.1 |
| | Matter for discussion | The Discipline of Mathematics submitted a list of paper setters of the course LMT-01 of the CTPM Programme. The list was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered the list of paper setters of the course LMT-01 of the CTPM programme and recommended the same for the approval of the competent authority. | |
| | | | |
| | SB 63.8.3 | To consider and approve the revised moderation board of the course OMT-101 of the BPP programme. | SB 63.8.3.1 |
| | Matter for discussion | The Discipline of Mathematics submitted a list of moderators of the course OMT-101 of BPP. The list was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered the list of moderators of the course OMT-101 of the BPP programme and recommended the same for the approval of the competent authority. | |
| | | | |
| | SB 63.8.4 | To consider and recommend the list of moderators of the course MTE-13 of BDP. | SB 63.8.4.1 |
| | Matter for discussion | The Discipline of Mathematics submitted a list of moderators of the course MTE-13 of BDP. The list was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered the list of moderators of the course MTE-13 of the BDP programme and recommended the same for the approval of the competent authority. | |
| | | | |
| SB 63.9 (Physics) | To consider and approve agenda Item pertains to <u>Discipline of Physics.</u> | | |

| | | | |
|--|------------------------------|--|------------------------------------|
| | | | |
| | SB 63.9.1 | To consider and approve the Minutes of the Meeting of the Doctoral Committee in the Discipline of Physics held on 6th February 2019. | SB 63.9.1.1 |
| | Matter for discussion | The Discipline of Physics submitted the Minutes of the Meeting of the Doctoral Committee in held on 6 th February 2019. It was reported that during that meeting the progress report of Ms. Richa Jain (En.No.144500034) had been evaluated and was found satisfactory. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Minutes of the Meeting of the Doctoral Committee in held on 6 th February 2019. | |
| | | | |
| | SB 63.9.2 | To consider and approve the syllabi of the Physics Courses of Semester III to VI in the B.Sc Programme under UGC-CBCS. | SB 63.9.2.1 to SB 63.9.2.4. |
| | Matter for discussion | The Discipline of Physics submitted the syllabi of the third semester Physics theory core course BPHCT-135 entitled " Thermal Physics and Statistical Mechanics " and the laboratory core course BPHCL-136 entitled " Thermal Physics and Statistical Mechanics - Laboratory " which were adapted by the Physics Faculty of the School of Sciences in the Discipline Group meeting held on April 18, 2017 from the existing B. Sc. Physics elective BPHE-106 entitled "Thermal Physics and Statistical Mechanics" and the Physics Laboratory courses (BPHL-103, PHE-08L, PHE-12L) and finalized in a meeting held on May 20, 2017 and Physics core and elective theory and laboratory courses to be offered in Semesters IV to VI, namely Waves and Optics (BPHCT-137), Waves and Optics" Laboratory (BPHCL-138), Elements of Modern Physics (BPHCT-141); Elements of Modern Physics: Laboratory (BPHCL-142), Digital and Analog Circuits and Instrumentation (BHPCT-143), Digital and Analog Circuits and Instrumentation Laboratory (BPHCL-144) were finalized in the Course Design Committee Meeting held on 2 nd January 2019. The Minutes of the meeting and the syllabi were placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the above agenda item. | |
| | | | |

| | | | |
|--|------------------------------|---|---------------------|
| | SB 63.9.3 | To consider and recommend the names of Evaluators of the Physics course PHE-14 entitled Mathematical Methods in Physics-III. | SB 63.9.3.1. |
| | Matter for discussion | The Discipline of Physics submitted a list of Evaluators of the Physics course PHE-14 entitled Mathematical Methods in Physics-III. The list was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered the list of Evaluators of the Physics course PHE-14 entitled Mathematical Methods in Physics-III and recommended the same for the approval of the competent authority. | |
| | | | |
| | SB 63.9.4 | To consider and approve extension of term of external experts approved for the Doctoral Committee of Discipline of Physics. | SB 63.9.4.1 |
| | Matter for discussion | The Discipline of Physics submitted a note for the extension of term of external experts approved by 56 th meeting of School Board of School of Sciences. It was reported that the external members were nominated for the Doctoral Committee of Discipline of Physics to assess the performance of Ms. Richa Jain, [En.No.144500034] PhD Research Scholar, Discipline of Physics. The note was placed before the School Board of School of Sciences. | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the extension of term of external experts approved for the Doctoral Committee of Discipline of Physics. | |
| | | | |
| | SB 63.9.5 | To consider and discuss the report submitted by the Committee constituted as per the decision taken by the School Board noted in Agenda Item SB 62. 9.2. | |
| | Matter for discussion | It was informed that an agenda item [SB 62.9.2] received from the Physics Discipline Group was not allowed to be included in the agenda items of 62 nd meeting of the School Board of the School of Sciences, as it involved an administrative lapse. In order to give a fair chance to the Discipline Group, the School Board constituted a three-member committee to look into it. Accordingly, the Committee was constituted under the Chairpersonship of Prof. Parvin Sinclair, with Prof. Sunita Malhotra and Prof. Jaswant Sokhi as members. The report of the Committee was placed before the School Board of the School of Sciences. The Chairperson informed the Board Members that | |

| | | | |
|--|------------------------------|--|--|
| | | <p>the recommendation of the Committee had been communicated to Physics Discipline Group so that they could take timely action to place the Phase Zero form in this School Board, so that the student concerned should not suffer any further delay.</p> <p>A member of the School Board raised a point of order in this regard. It was over ruled by the Chairman of the School Board as the member had been party of the decision taken in the 62nd Meeting of the School Board of School of Sciences held on 26th September 2018 [Pl. refer Agenda Item No. SB 62.9.2].</p> | |
| | Decision of SB of SOS | The School Board accepted the recommendation of the committee. | |
| | SB 63.9.6 | To consider and approve Phase Zero form for Pre-PhD course work for the PhD Programme in Physics. | |
| | Matter for discussion | <p>This Agenda Item was originally placed before the School Board of School of Sciences in its 61st Meeting held on 21st May 2018 as Agenda Item SB No. 61.11. However, the agenda item was referred back to the Discipline concerned. Again this matter was brought back as an agenda item [SB 62.9.2].</p> <p>As per the decision of the 62nd Meeting of the School Board of School of Sciences a three member Committee was constituted to assess the administrative lapse in this regard. The report of the Committee was placed as an Agenda Item SB 63.9.5.</p> <p>However, considering the difficulties faced by the student, as requested by the Discipline Group of Physics, the agenda item was placed again for the consideration and approval of the School Board of School of Sciences.</p> | |
| | Decision of SB of SOS | The School Board of School of Sciences considered and approved the Phase Zero form for Pre-PhD course work for the PhD Programme in Physics. | |

The members of the School Board of School of Sciences thanked the Chair.


 (M.S. Nathawat)
 श्री. महेश शिव नाथवात
 Director, School Board of Science, IGNOU
 Prof. Mahendra Singh Nathawat
 Director, SOS, IGNOU

**(Professor M.S. Nathawat)
Chairperson of the SB of SoS and Director of SoS**