

**ANNEXURE 61.1.1**

**MINUTES OF THE 60<sup>th</sup> MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES TO BE HELD ON OCTOBER 16, 2017 AT 11.00 A.M. IN THE CONFERENCE ROOM OF BLOCK D, IGNOU, MAIDAN GARHI, NEW DELHI – 110068.**

The following members were present:

1. Prof. M.S. Nathawat, SOS, Chairman
2. Prof. S.C. Garg (Retd.), IGNOU - Special Invitee
3. Prof. Parvin Sinclair, SOS, IGNOU
4. Prof. Sunita Malhotra, SOS, IGNOU
5. Prof. Jaswant Sokhi, SOS, IGNOU
6. Prof. S.R. Jha, SOS, IGNOU
7. Prof. Sujatha Varma, SOS, IGNOU
8. Prof. Neera Kapoor, SOS, IGNOU
9. Prof. Bharat Inder Fozdar, SOS, IGNOU
10. Prof. Amrita Nigam, SOS, IGNOU
11. Prof. Lalita S. Kumar, SOS, IGNOU
12. Dr. Gaurav Singh SOE, IGNOU
13. Dr. Sanjiv Kumar, SOS, IGNOU
14. Dr. S. Lamba, SOS, IGNOU
15. Dr. Deepika, SOS, IGNOU
16. Dr. Neha Garg, SOS, IGNOU
17. Dr. K. Nageswara Rao, SOS, IGNOU
18. Dr. Omkar Varma, SOS, IGNOU

Prof. Rakesh Srivastava, Prof. Ranjit Kishore Mishra, Prof. Gurmeet Singh, Prof. Harjit Singh, Prof. Reena Mathur, Prof. Kapil Kumar, Prof. Deeksha Kapur, Prof. Vijayshri, Prof. Poornima Mital, Prof. Javed A. Farooqi, Prof. S. Gokhale, Dr. Bano Saidullah and Dr. Maneesha Pandey could not attend the meeting.

At the outset, the Chairman welcomed the members of the School Board. Thereafter, the following items on the agenda were deliberated:

**Item No. 1 To confirm the minutes of the 59<sup>th</sup> meeting of the School Board of the School of Sciences held on May 5, 2017 and to note the action taken thereon.**

SB 60.1.1 The Minutes of the 59<sup>th</sup> School Board of the School of Sciences held on May 5, 2017 were placed before the School Board for confirmation.

SB 60.1.2 A correction was pointed out, and was incorporated. Further, the action taken regarding the Tabled item was incorporated. The corrected minutes and ATR are placed at Annexure – 1 & 2.

SB 60 1.3 After detailed deliberations, the Minutes of the 59<sup>th</sup> meeting of the School Board of School of Sciences held on May 5, 2017 were confirmed and the Action Taken Report was noted by the Board members and the same are placed **at Annexure – 1 and 2.**

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**Item No. 2 Matters arising out of the Minutes of 59<sup>th</sup> Meeting of the School Board.**

SB 60.2.1 The Chairman, School Board noted a Committee had been constituted in the 59<sup>th</sup> meeting of the School Board to suggest the three subjects combination under UGC – CBCS and Prof. Geeta Kaicker was made the Chairperson. However, she has superannuated.

SB 60.2.2. It was decided that Prof. Sunita Malhotra would be the Chairperson of the Committee and Prof. B. I. Fozdar would be a member of the same.

**Item No. 3 To consider and confirm the minutes of the 21<sup>st</sup> meeting of the School Board Standing Committee of the School of Sciences, held on 10<sup>th</sup> October, 2017.**

SB 60.3.1 After detailed deliberations, the minutes of the 21<sup>st</sup> School Board Standing Committee of School of Sciences held on 10.10.2017 were confirmed by the School Board, and are placed at Annexure – 3.

**Item No. 4 To consider and approve the list of examiners for the Ph.D. thesis of Ms. Trupti Bajpai (En.No. 138000396) on the topic “Trends of uropathogens and their antibiotic sensitivity spectrum in the women patients visiting a tertiary care hospital in Indore” under the joint supervision of Dr Maneesha Pandey and Prof. Meena Verma, Sri Aurobindo Institute of Medical Sciences, Medical College & PG Institute, Indore (MP).**

SB 60.4.1 The list of examiners for Ph.D. thesis of Ms. Trupti Bajpai (En.No. 138000396) on the topic “Trends of uropathogens and their antibiotic sensitivity spectrum in the women patients visiting a tertiary care hospital in Indore” under the joint supervision of Dr Maneesha Pandey and Prof. Meena Verma, Sri Aurobindo Institute of Medical Sciences, Medical College & PG Institute, Indore (MP) placed before the School Board of Sciences for consideration and approval:

**Details of the Student:**

Name **MS TRUPTI BAJPAI**

Enrolment No. **138000396**

Date of Registration: **27<sup>th</sup> August, 2013 (July 2013 cycle)**

Topic : **“Trends of uropathogens and their antibiotic sensitivity spectrum in the women patients visiting a tertiary care hospital in Indore”**

Supervisor(s) : **Dr Maneesha Pandey,  
SOS, IGNOU**

**and**

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**Prof Meena Verma,**  
Sri Aurobindo Institute of Medical Sciences,  
Medical College & PG Institute, Indore (MP).

Date of Pre-Ph.D. thesis submission seminar before Doctoral Committee: **To be held in First week of November, 2017.**

Number of Publication : **Ten (10)**

1. Trupti Bajpai, Meena Varma, Maneesha Pandey, Ganesh S Bhatambare. "Comparative Study of Uropathogens based on the Factors Responsible for Urinary Tract Infection in Male and Female Patients Visiting a Tertiary Care Hospital". *i-Xplore International Research Journal Consortium (International J of IT, Engineering and Applied Sciences Research*. 2013; Vol. 2, 6-10.
2. Trupti Bajpai, Ganesh S Bhatambare, Maneesha Pandey, Meena Varma. "Prevalence of multi, extensively and pan drug resistant uropathogens among the women patients visiting a tertiary care hospital in central India". *International Journal of Health Systems & Disaster Management*. 2014; Vol. 2, 38-43.
3. Trupti Bajpai, Maneesha Pandey, Meena Varma, Ganesh S Bhatambare. "Mixed flora in the urine of hospitalized and elderly patients: Contamination or True infection?" *Nigerian Journal of Experimental and Clinical Biosciences*. 2014; Vol. 2, 20-27.
4. Trupti Bajpai, Maneesha Pandey, Meena Varma, Ganesh S Bhatambare. "Prevalence of extended spectrum beta-lactamase producing uropathogens and their antibiotic resistance profile in patients visiting a tertiary care hospital in central India: Implications on empiric therapy". *Indian Journal of Pathology & Microbiology*. 2014; Vol. 57, 407-12.
5. Trupti Bajpai, Maneesha Pandey, Meena Varma, Ganesh Bhatambare. "Importance of identification of lactose non-fermenting Escherichia coli and their prevalence in urinary isolates". *Chrimed Journal of Health & Research*. 2016; Vol. 3, 288-90.
6. Trupti Bajpai, Meena Varma, Ganesh S Bhatambare, Maneesha Pandey. "Escherichia coli biofilms: Accepting the therapeutic challenges". *International Journal of Health & Allied Sciences*. 2016; Vol. 5, 204-9.
7. Trupti Bajpai, Meena Varma, Ganesh S Bhatambare, Maneesha Pandey, Hariom Sharan. "Candiduria: Managing a therapeutic challenge diagnostically. International Journal of Health System and Disaster Management". 2016; Vol. 4, 139-42.

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8. Trupti Bajpai, Ganesh S Bhatambare, Meena Varma, Maneesha Pandey, "Species level identification of Acinetobacter by 16s rRNA sequencing: Necessity today, Essentiality tomorrow". New Nigerian Journal of Clinical Research, July-Dec 2016, Vol. 5, Issue 8, 55-58.

9. Trupti Bajpai, Maneesha Pandey, Meena Varma, Ganesh S. Bhatambare "Prevalence of TEM, SHV and CTX<sup>M</sup> Beta<sup>8</sup> Lactamase genes in the urinary isolates of a tertiary care hospital". Avicenna Journal of Medicine, Jan-Mar 2017, Vol. 7, Issue 1, 12-6.

10. Trupti Bajpai, Meena Varma, Ganesh Bhatambare, Maneesha Pandey "Accurate identification of urinary isolates: Integration of conventional, automated, and molecular methods" Published in the International Journal of Health System & Allied Sciences, Apr-June 2017. Vol. 6, Issue 2, 82-7.

**SB 60.4.2** The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No. 5** To consider and approve the list of examiners for PhD thesis of Ms. Raunaq (Enrol. No. 12287773 ) on the topic "Sorptions, leaching and persistence of tebuconazole a fungicide in Indian soils. " under the joint supervision of Prof. Lalita S. Kumar and Dr. Satya Vir Arya, C.C.R. P.G. College, Muzaffarnager.

**SB 60.5.1** The list of examiners for PhD thesis of Ms. Raunaq (Enrol. No. 12287773 ) on the topic "Sorptions, leaching and persistence of tebuconazole a fungicide in Indian soils. " under the joint supervision of Prof. Lalita S. Kumar and Dr. Satya Vir Arya, C.C.R. P.G. College, Muzaffarnager was placed before the School Board of School of Sciences for consideration and approval.

**Details of Ms. Raunaq**

1. Enrolment No. : 122877737
2. Date of Registration : September, 2012
3. Topic: : ***"Sorptions, Leaching and Persistence of Tebuconazole, A Fungicide in Indian Soils"***
4. Supervisor(s): : 1. Prof. Lalita S. Kumar (Internal Supervisor)  
School of Sciences, IGNOU  
Maidan Garhi, N. Delhi-110068  
(M): 09871300937  
(O): 011-29572808  
Email: lalitaskumar@ignou.ac.in

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2. Dr. S.V. Arya (External Supervisor)  
Department of Chemistry  
CCRPG College, Muzaffarnagar (U.P.)

5. Pre-PhD Thesis submission seminar : 25<sup>th</sup> July, 2017
6. Number of papers published : One

Raunaq, Lalita Sanjiv Kumar, Satya Vir Arya and Shashi Bala Singh, "Adsorption-Desorption of Tebuconazole in Three Soils", *Pesticide Research Journal*, Vol. 29 (1): 82-87, June, 2017

SB 60.5.2 The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No. 6 To consider and approve the list of examiners for PhD thesis of Mr. Mahesh Kumar Saini (Enrol. No. 127722795) on the topic "A Novel Approach to the analysis of agrochemical compounds and their degradation products in complex matrices using GC and LC coupled Mass Spectrometry" under the joint supervision of Prof. Javed A. Farooqi and Dr. S.K. Raza, Director (Scientist 'H') I.P.F.T.**

SB 60.6.1 The list of examiners for PhD thesis of Mr. Mahesh Kumar Saini (Enrol. No. 127722795) on the topic "A Novel Approach to the analysis of agrochemical compounds and their degradation products in complex matrices using GC and LC coupled Mass Spectrometry" under the joint supervision of Prof. Javed A. Farooqi and Dr. S.K. Raza, Director (Scientist 'H') I.P.F.T. was placed before the School Board of School of Sciences for consideration and approval:

**Details of the Student:**

Name : **Mahesh Kumar Saini**

Enrolment No. : **127722795**

Topic : "A Novel Approach to the Analysis of Agrochemical Compounds and their degradation products in complex Matrixes using G.C. and L.C. coupled Mass spectrometry"

Date of Registration : **August, 2012**

Pre-PhD Thesis submission seminar : **25<sup>th</sup> July, 2017**

Name of Supervisor : **a) Prof. Javed a. Farooqi (Internal)**

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**b) Dr. S. Kalbey Raza (External)**

**Publication : One**

Dissipation Kinetics study of Iprovalicarb is/on tomato fruit and grapes berries – Mahesh Kumar Saini, Syed Kalbey Raz and Javed Abrar Farooqi, International Journal of Advanced Scientific and Technical Research – vol. 4, 259 (2017).

SB 60.6.2 The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No. 7. To consider and approve the list of examiners for the evaluation of thesis of Mr. Radha Nandan Chaturvedi (122877712) on the topic of “Synthesis and Modification of some heterocyclic compounds with potential biological activity specific reference to nitrogen containing heterocyclic compounds” research scholar of Ph.D. programme in Chemistry.**

**SB 60.7** The list of Ph.D. thesis Examiners of Mr. Radha Nandan Chaturvedi (122877712) registered with Prof. Sunita Malhotra as internal supervisor and Dr. Krishnaiah Pendem as External supervisor in the Ph.D. programme of Chemistry placed before the School Board for consideration and approval:

**Details of Mr. Radha Nandan Chaturvedi**

1. Enrolment No. : **122877712**
2. Date of Registration : **October 2013, July 2012 cycle.**
3. Topic : **“Synthesis and Modification of some heterocyclic compounds with potential biological activity specific reference to nitrogen containing heterocyclic compounds”.**
4. Supervisor(s) : **Prof. Sunita Malhotra, (Internal Supervisor)**  
Professor, School of Sciences, IGNOU, New Delhi  
**Dr. Krishnaiah Pendem (External Supervisor)**  
Senior Research Scientist, Parabolic Drugs Haryana,  
H.No. 939, Sector-12-A, Panchkula, Haryana.
5. Date of Pre-Ph.D. thesis submission seminar before Doctoral committee : **9<sup>th</sup> August, 2017.**
6. Publications : **One (details)**

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Radha Nandan Chaturvedi, Krishnaiah Pendem, Sunita Malhotra, "Design, Synthesis and Biological Evaluation of Fluoroquinolone Schiff Bases", World Journal of Pharmacy and Pharmaceutical Sciences, Vol 5, Issue 6, 2016, 2320 -2336, ISSN Number:2278-4357.

SB 60.7.2 The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No. 8 To consider and approve the list of Examiners for the candidate Mr. Amit Kumar (Enrol. No. 127723726) on the topic of "Geocological study in parts of Kangra region, Himachal Himalaya using Geoinformatics" registered in Ph.D. (Geology) programme.**

**SB 60.8.1** The list of Examiners for the candidate Mr. Amit Kumar (Enrol. No. 127723726) registered in Ph.D. (Geology) programme placed before the School Board of School of Sciences for consideration and approval:

**Detail of the Students:**

Name : **Amit Kumar**

Enrolment No. : **127723726**

Date of Registration : July, 2012

Topic : **"Geocological study in parts of Kangra region, Himachal Himalaya using Geoinformatics"**

Supervisor : Dr. Benidhar Deshmukh, IGNOU

Date of Pre-thesis submission seminar before Doctoral Committee :

Publication : 3 Nos.

1. Morphometric analysis of watersheds of Kangra region of Indian Himalaya for assessing its fluvial erosion susceptibility- Himalayan Geology, Vol.35(1),2014,pp.47-55.
2. Integrated Remote Sensing and Geographic Information System Based RUSLE Modelling for Estimation of Soil Loss in Western Himalaya, India- Water Resources Management, Vol.28, 2014, pp.3307-3317 DOI 10.1007/s11269-014-0680-5.

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3. A Review on 'Geo-ecological Studies'-An Interdisciplinary Approach for Evaluation and Sustainable Management of 'Geo-ecosystems' – Journal of Geological Society of India, Vol.86, 2015,pp.605-612

SB 60.8.2 The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No. 9. To consider and approve the list of examiners for the thesis of Mr. Prem Prakash Chauhan (Enrol. No. 122877894) on the topic of "Ethnobotanical studies of Pabbar Valley in Himachal Pradesh" scholar registered in Ph.D Life Sciences programme.**

SB 60.9.1 The list of examiners for the thesis of Mr. Prem Prakash Chauhan (Enrol. No. 122877894 scholar ) registered in Ph.D Life Sciences programme placed before the School Board of School of Sciences for consideration and approval:

**Details of the Student:**

Name : **Prem Prakash Chauhan**  
Enrol. No. : **122877894**  
Topic : **"Ethnobotanical studies of Pabbar Valley in Himachal Pradesh"**  
Supervisor : Prof. Amrita Nigam, IGNOU

and

Dr. Virender Kumar Santvan, Himachal Pradesh University,  
Shimla

Date of Registration : **January, 2012**

Date of Pre-PhD Thesis submission seminar before Doctoral Committee : **20<sup>th</sup> Sep. 2017.**

Number of publications :

- i) P.P. Chauhan, Amrita Nigam and Virender K. Santvan; Ethnobotanical Survey of Trees in Pabbar Valley, Distt, Shimla, Himachal Pradesh: Life Sciences Leaflets, 52 (2014) (24-39): ISSN 2277.
- ii) P.P. Chauhan, Amrita Nigam and Virender K. Santvan; Ethnobotanical Survey of Trees in Pabbar Valley, Distt, Shimla, Himachal Pradesh: Journal of Medicinal Plants Studies; (2016) 4 (2) 216-220, ISSN 2320-3862



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SB 60.9.2. The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Item No.10 To consider and approve the Cancellation of Ph.D.( Geography) registration of Mr. Mumtaz Ahmed Pir (Enrolment No: 138001176).**

SB 60.10.1 The Geography Discipline informed the Board that the cancellation of Ph.D. (Geography) registration of Mr. Mumtaz Ahmed Pir, Enrol. No. 138001176 matter was placed before the 23<sup>rd</sup> Doctoral Committee in its meeting held on 27-07-2017, which advised to give one more chance and send him the warning letter again. The letter by the Director, SOS was sent on 2<sup>nd</sup> August 2017 (Annexure- 2) seeking response from Mr. Mumtaz by 5<sup>th</sup> September 2017 and also intimating the cancellation of his registration by the University as per University Rule on non receipt of response by said date. However, no response has been received till date.

SB 60.10.1 After the detailed deliberations, the School Board approved the cancellation of Ph.D. (Geog.) registration of Mr. Mumtaz Ahmed Pir (Enrolment No. 138001176) and which is placed at **Annexure – 4.**

**Item No. 11 To consider and approve the minutes of the Expert Committee Meeting for inclusion of Laboratory Exercises in the finalized syllabi for a course titled ‘General Cartography’ of B.Sc. General in Geography Programme.**

SB 60.11.1 The minutes of the Expert Committee meeting for inclusion of Laboratory Exercises in the finalized syllabi for a course titled ‘General Cartography’ of B.Sc. General in Geography were approved by the School Board of School of Sciences with a suggestion to keep it with 4 credit theory and 2 credit practical components as all other Courses of Sciences are offered with lab components and which is placed at **Annexure -5.**

**Item No. 12 To consider and approve the Minutes of the Course Design Committee meeting for the course “Techniques in Regional Development and Planning” for B.Sc. (General) in Geography held on March 01, 2017.**

SB 60.12.1 The minutes of the Course Design Committee meeting for the course **“Techniques in Regional Development and Planning” for B.Sc. (General) in Geography held on March 01, 2017 was placed before the School Board for consideration and approval.**

SB 60.12.2 The School Board of School of Sciences approved the minutes of the Course Design Committee meeting for the course **“Techniques in Regional Development and Planning” for B.Sc. (General) in Geography which is placed at Annexure – 6.**

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**Item No. 13 To consider and approve the name of additional Translators for B.Sc. in Geography Programme.**

SB 60.13.1 The name of additional translators for B.Sc in Geography was placed before the School Board of School of Sciences for approval.

SB 60.13.2 The School Board of the School of Sciences approved the name of additional translators for translating the course material of B.Sc. in Geography into Hindi, which is placed at **Annexure – 7.**

**Item No. 14 To consider and approve the proposal of offering Post Graduate Certificate in Geoinformatics (PGCGI) programme to international learners.**

SB 60 14.1 The PGCGI Programme team has been receiving requests from prospective international learners for pursuing the programme. The programme team is interested to offer the programme to international learners. It is proposed to initially support such learners through email/web for theory and practicals and later on the study centre may take the responsibility for the same. Fee structure may be followed as per the University guidelines.

The proposal was placed before the School Board of School of Sciences for consideration and approval

SB 60.14.2 After detailed discussion, the Board suggested that the Geology Discipline to furnish more details . Hence, the item was referred to the next School Board.

**Item No. 15 To consider and approve the Minutes of the 30<sup>th</sup> Doctoral Committee meeting in Geology held on 9<sup>th</sup> October, 2017 regarding re-examination of syllabi and credits distribution of Pre-Ph.D. Course work in Geology and evaluation methodology of both entrance examination and course work of Ph.D. (Geology) programme.**

SB 60.15.1 The minutes of the Doctoral Committee and proposal of re-structured syllabi and credits distribution of Pre-Ph.D. Course work in Geology and evaluation methodology of both entrance examination and course work of Ph.D. (Geology) programme is placed before the School Board of School of Sciences for its consideration and approval.

SB 60.15.2 After detailed deliberations, the School Board suggested that the Geology Discipline to submit the Phase-0 form of Ph.D. course work in Geology, and the Chairman, School Board, SOS is empowered to get it approved by circulation.

SB 60.15.3 As suggested by the School Board, the Phase-0 form of Ph.D. course work in Geology circulated by the Chairman, School Board, SOS was considered and approved as no negative feedback received, which is placed at **Annexure – 8.**

**Item No. 16 To consider and approve the Evaluation Methodology for Ph.D. (Life Sciences).**

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- SB 60.16.1 The Evaluation Methodology for course work of PhD (Life Sciences) was assessed, discussed and approved in the Doctoral Committee Meeting held on 22.08.2017 (Minutes enclosed). The Minutes of Doctoral Committee and Evaluation Methodology for Ph.D. (Life Sciences) are placed before School Board Standing Committee of School of Sciences for consideration and approval.
- SB 60.16.2 After discussion, the School Board approved the Evaluation Methodology for course work of PhD. (Life Sciences) which is placed at **Annexure –9**.
- Item No. 17 To consider and approve the Phase Zero form for Pre-Ph.D. Course Work for Ph.D (Physics) programme as per the IGNOU Ph.D. Guidelines, 2012.**
- SB 60.17.1 The Phase Zero form for 32 credits worth of Pre-Ph. D coursework was placed at **Annexure -10** before the School Board of School of Sciences for consideration and approval.
- SB 60.17.2 After the detailed discussion, the School Board approve the Phase Zero form for 32 credits worth of Pre-Ph. D (Physics) coursework which is placed at **Annexure -10**.
- Item No. 18 To consider and approve the recommendations of the Doctoral Committee in Physics made in its meetings held on 10.07.2017 and 06.09.2017 respectively.**
- SB 60.18.1 The minutes of the Doctoral Committee (Physics) meetings held on 10.07.2017 and 06.09.2017 approved by the School Board of School of Sciences and which are placed at **Annexure -11** .
- Item No. 19 To consider and approve the Phase-0 Form of B.Sc. (General) in Statistics courses and Minutes of the Expert Committee meeting in Statistics held on May 29-30, 2017.**
- SB 60.19.1 The Phase-0 Form of B.Sc. (General) in Statistics courses and Minutes of the Expert Committee meeting in Statistics held on May 29-30, 2017 is placed before the School Board for its approval.
- SB 60.19.2. After the detailed deliberation, the School Board of School of Sciences approved the Phase-0 Form of B.Sc. (General) in Statistics courses and Minutes of the Expert Committee meeting in Statistics and which are placed at **Annexure – 12**.
- Item No. 20 To consider and approve the minutes of the Expert Committee Meeting of Biochemistry Discipline held on 11<sup>th</sup> October, 2017 for restructuring pre-Ph.D. course work in light of new UGC 2016 guidelines and RU, IGNOU Norms.**

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SB 60.20.1 The School Board approved the minutes of the Expert Committee Meeting of Biochemistry Discipline held on 11<sup>th</sup> October, 2017 for restructuring pre-Ph.D. course work in light of new UGC 2016 guidelines and RU, IGNOU Norms which is placed at **Annexure -13**.

**Item No. 21.1 Table Item :** To consider and approve the list of examiners for the thesis entitled “Development of web based genomic and phenomic tools of the genus *Musa (Banana)*” of Ms. Vasu Arora, PhD scholar in Life Sciences.

SB 60.21.1 The list of examiners for the thesis entitled “Development of web based genomic and phenomic tools of the genus *Musa (Banana)*” of Ms. Vasu Arora, is placed before the School Board of School of Sciences for consideration and approval.

**Details of Ms. Vasu Arora**

1. Enrolment number: **131637499**
2. Date of registration: **January, 2013**
3. Topic: **Development of web based genomic and phenomic tools of the genus *Musa (Banana)*.**
4. Supervisor (Internal/External):

**Prof. Neera Kapoor**  
Professor in Life Sciences  
School of Sciences, IGNOU

and

**Dr. Dinesh Kumar**  
Sr. Scientist (Biotech), Cabin Division IASRI,  
Library Avenue Pusa Road, New Delhi  
Mobile : 08373926300, 09416111753  
Email : [dineshkumarbhu@gmail.com](mailto:dineshkumarbhu@gmail.com) / [dineshkumarbhu@iasri.res.in](mailto:dineshkumarbhu@iasri.res.in)

5. Date of Pre-PhD thesis submission seminar before Doctoral Committee: **26.04.2017**
6. No. of Publications: **Two**
  1. Arora Vasu, Kapoor Neera, Fatma Samar, Jaiswal Sarika, Iquebal Mir Asif, Rai Anil, and Kumar Dinesh (2017). *Musa* Information Resources: Biodiversity, disease and pest management database, *Asian Journal of Biological and Life sciences* (Accepted).

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2. Arora Vasu, Kapoor Neera, Fatma Samar, Jaiswal Sarika, Iquebal Mir Asif, Rai Anil, and Kumar Dinesh (2017). BanSatDB: Whole genome based database of putative and experimentally validated microsatellite markers of three *Musa* spp. *The Crop Journal* (Communicated).

SB 60.21.1.2 The School Board approved the list of examiners and advised that the approved list of examiners should not be circulated as a part of the Minutes but be forwarded confidentially to the Research Unit.

**Table Item -21.2 :** To consider and approve the list of examiners for the thesis entitled “**impact of carbofuron exposure on common carp (*Cyprinus Carpio Communis*) : toxic and behavioral effects**” of Mr. Amanullah Khan, Ph.D. Scholar in Life Sciences .

**SB 21.2.1** The list of examiners for the thesis entitled “**Impact of carbofuron exposure on common carp (*Cyprinus carpio communis*): toxic and behavioral effects**” of Mr Amanullah Khan is placed before School Board School of Sciences for consideration and approval.

**Details of Mr. Amanullah Khan**

1. **Enrolment Number: Enrl. 112247387**
2. **Date of Registration : January, 2011**
3. **Topic : ‘Impact of carbofuron exposure on common carp (*Cyprinus carpio communis*): toxic and behavioral effects’.**

4. **Supervisor : Dr.Bano Saidullah**  
Professor, Life sciences,  
School of Sciences, IGNOU  
New Delhi-110068

and

**Dr. S.P. Singh**  
Head, Department of Veterinary Pharmacology & Toxicology,  
College of Veterinary and Animal Sciences  
Govind Ballabh Pant University of  
Agriculture & Technology  
District - Udham Singh Nagar, Pantnagar,  
Uttarakhand 263153  
Phone: 7500241448  
Email: [sppharma@rediffmail.com](mailto:sppharma@rediffmail.com)

5. **Date of Pre-Ph.D thesis submission seminar before Doctoral Committee: 17<sup>th</sup> May, 2017**

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**6. Number of Publications :**

Khan. A.U. Bano Saidullah and S. P. Singh (2013): Toxic effect of carbofuron pesticide in behavioral changes of fresh water fish species, *Cyprinus carpio* var. *communis* (Linnaeus 1758). Journal of the Kalash Science, Volume1, Number-1, 2013:13-17

**Table Item No. 21.3. To consider and approve the list of examiners for the thesis entitled “A Chemopreventive approach against DEN initiated and Fe-NTA promoted renal carcinogenesis in Wistar rats” of Ms. Aisha Siddiqi, PhD scholar in Life Sciences**

SB 60.21.3.1 The list of examiners for the thesis entitled “A Chemopreventive approach against DEN initiated and Fe-NTA promoted renal carcinogenesis in Wistar rats” of Ms Aisha Siddiqi is placed before School Board School of Sciences for consideration and approval.

**Details of Aisha Siddiqi**

1. Enrolment Number : 131636917
2. Date of Registration : January, 2013
3. Topic : “A Chemopreventive approach against DEN initiated and Fe-NTA promoted Renal carcinogenesis in Wistar rats”
4. Supervisor : Dr. Bano Saidullah  
Professor, Life Sciences,  
School of Sciences, IGNOU  
New Delhi-110068

and

**Dr. Sarwat Sultana**

Professor,  
Department of Medical Elementology and Toxicology  
Jamia Hamdard University, New Delhi-110062

**5. Date of Pre-Ph.D thesis submission seminar before Doctoral Committee: 2<sup>nd</sup> August 2017**

**6. Number of Publications : one**

- 1) Aisha Siddiqi, Sana Nafees, Summya Rashid, Sarwat Sultana, Bano Saidullah. Hesperidin ameliorates trichloroethylene-induced nephrotoxicity by abrogation of oxidative stress and apoptosis in wistar rats. Mol Cell Biochem. 2015; 406(1-2): 9-20.

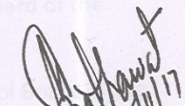
**ANNEXURE 61.1.1**

MINUTES OF THE 60th MEETING OF THE SCHOOL BOARD OF THE SCHOOL OF SCIENCES TO BE HELD ON OCTOBER 16, 2017 AT 11.00 A.M. IN THE CONFERENCE ROOM OF BLOCK D, IGNOU, MAIDAN GARHI, NEW DELHI – 110068.

October, 16, 2017

- 2) Aisha Siddiqi, Syed Kazim Hasan, Sana Nafees, Summya Rashid, Bano Saidullah, Sarwat Sultana. Chemopreventive efficacy of hesperidin against chemically induced nephrotoxicity and renal carcinogenesis via amelioration of oxidative stress and modulation of multiple molecular pathways. Exp Mol Pathol. 2015; 99(3): 641-53.

The meeting ended with a vote of thanks to all the members of the School Board for their active participation.

  
(M.S.) Nathawat  
Chairman,  
School Board, SOS

महेन्द्र सिंह नाथावत  
विज्ञान विद्यापीठ, इग्नू  
Prof. M. S. Nathawat  
Director, SOS, IGNOU

**ANNEXURE 61.1.1**

**List of Annexures :**

- Annexure 1** Minutes of the 59<sup>th</sup> meeting of the School Board of the School of Sciences held on 5<sup>th</sup> May, 2017.
- Annexure 2** Action Taken Report on the minutes of 59<sup>th</sup> meeting of the School Board of the School of Sciences
- Annexure 3** Minutes of the 21<sup>st</sup> Meeting of the Standing Committee of the School Board of the School of Sciences without annexures.
- Annexure 4** Cancellation of registration of Ph.D. Scholar Mr. Mumtaz Ahmed Pir.
- Annexure 5** Minutes of the Expert Committee meeting for inclusion of Laboratory exercises in the finalized syllabi for General Cartography of B.Sc. (General) in Geography.
- Annexure 6** Minutes of meetings of Course Design Committees for the Course “Techniques in Regional Development and Planning for B.Sc. (Gen.) in Geography.
- Annexure 7** List of the additional translators for translating the course material of B.Sc. in Geography .
- Annexure 8** Phase-0 form of Ph.D. course work in Geology.
- Annexure 9** The Evaluation Methodology for course work of Ph.D. (Life Sciences)
- Annexure 10** Phase Zero form for 32 credits worth of Pre-Ph.D. (Physics) course work.
- Annexure 11** Minutes of the Doctoral Committee meeting for Physics held on 10.07.2017 and 06.09.2017.
- Annexure 12** The Phase-0 form of B.Sc. (Gen.) in Statistics and Minutes of the Expert Committee meeting in Statistics.
- Annexure 13** Minutes of the Expert Committee Meeting of Bio-Chemistry for restructuring pre-Ph.D. course work.