

The meeting of School Board of School of Sciences was held on 9<sup>th</sup> April 2024 in the Conference Room of Raman Bhawan, School of Sciences at 11.30 am. The following members were present:

1.	Prof. Meenal Mishra	Chairperson
2.	Prof. S.K. Hashmi	External Member
3.	Prof. Meena Sahai	External Member
4.	Prof. Debendra Kumar Nayak	External Member
5.	Prof. K.R. Hari	External Member
6.	Prof. Rita Kakkar (Retd.)	External Member
7.	Prof. Rashmi Sinha	Member (Other School- SOSS)
8.	Dr. Soniya	Member (Other School-SOHS)
9.	Prof. Sunita Malhotra	Member
10.	Prof. Sujatha Varma	Member
11.	Prof. Bharat Inder Fozdar	Member
12.	Prof. Neera Kapoor	Member
13.	Prof. S.R. Jha	Member
14.	Prof. Sanjiv Kumar	Member
15.	Prof. Lalita S. Kumar	Member
16.	Prof. Shubha Gokhale	Member
17.	Prof. Sanjay Gupta	Member
18.	Prof. Kamalika Banerjee	Member
19.	Prof. Subhakant Mohapatra	Member
20.	Prof. Benidhar Deshmukh	Member
21.	Prof. Manish Trivedi	Member
22.	Prof. Deepika	Member
23.	Prof. Vijay Kumar Baraik	Member
24.	Prof. R. Baskar	Member
25.	Prof. Parvesh Bubber	Member
26.	Prof. Aryadeep Roy Choudhury	Member
27.	Prof. Subhalaxmi Lamba	Member
28.	Dr. Siya Ram	Member
29.	Dr. Arvind Kumar Shakya	Member
30.	Dr. Pawan Kumar	Member
31.	Dr. Satya Raj	Member
32.	Dr. M. Boazbou Newmai	Member
33.	Dr. Gajraj Singh	Member

Dr. Mohd. Saleem, SOFL and Prof. P.V.K. Sasidhar, SEDS could not attend the meeting. Prof. Meenal Mishra, Director, SOS, and Chairperson of the School Board of the School of Sciences, began the meeting with a warm welcome to all the members. She welcomed the nominated External Members under Clause 2 (e) of the Statute 10 A, namely Prof. S.K. Hashmi, University of Delhi, Delhi, Prof. Meena Sahai, University of Lucknow, Lucknow, Prof. Debendra Kumar Nayak, NEHU, Shillong, Prof. K.R. Hari, Pt. Ravishankar University, Raipur and Prof. Rita Kakkar, Retired from University of Delhi, Delhi. The Chairperson thankfully acknowledged the contributions of the outgoing External Members under Clause 2 (e) of the Statute 10 A, namely Prof. Ashok Kumar Mishra, IIT Madras, Prof. V.K. Singh, Retired from BHU, Varanasi, Dr. Neeta Sahgal, Delhi University and Dr. Sunita Joshi, Daulat Ram College, Delhi University. She further welcomed the nominated Faculty members from other Schools of IGNOU under Clause (2) (d) of the Statute 10A. The Chairperson extended

a warm welcome to all the members of School Board from the School. Director, SOS apprised the School Board Members about the achievements made by the School since last School Board held on 8<sup>th</sup> November 2023.

The Chairperson informed the Board that the Minutes of 75<sup>th</sup> Meeting of School Board of School of Sciences held online on 8<sup>th</sup> November, 2023 were circulated to all the members on 9<sup>th</sup> November 2023. The comments were incorporated and the final minutes were circulated on 13<sup>th</sup> November 2023.

With this introduction, the School Board transacted the following agenda:

Agenda No.	Sub Agenda	Agenda	Annexures
<b>SB 76.1</b>	<b>Confirmation of the Minutes of 75<sup>th</sup> Meeting of School Board of School of Sciences held on 8<sup>th</sup> November 2023 (Online) and the Action Taken Report on the Minutes.</b>		<b>SB 76.1.1 SB 76.1.2</b>
	<b>Matter for Discussion</b>	The Minutes of 75 <sup>th</sup> Meeting of School Board of School of Sciences held on 8 <sup>th</sup> November 2023 (Online) were circulated on 9 <sup>th</sup> November 2023. The comments and suggestions received were incorporated and thereafter the final Minutes were circulated on 13 <sup>th</sup> November 2023. The Action Taken Report (ATR) on the Minutes of 75 <sup>th</sup> Meeting of School Board of School of Sciences held on 8 <sup>th</sup> November 2023 were placed before the School Board of the School of Sciences for consideration and confirmation.	
	<b>Decision of SB</b>	The School Board confirmed the Minutes of the 75 <sup>th</sup> School Board Meeting of School of Sciences along with the Action Taken Report (ATR) on the Minutes of the 75 <sup>th</sup> School Board Meeting of School of Sciences.	
<b>SB 76.2</b>	<b>Matters arising out of the Minutes of 75<sup>th</sup> meeting of the School Board of School of Sciences</b>		
	<b>Matter for Discussion</b>	Matters arising from the Minutes.	
	<b>Decision of SB</b>	No matter was reported.	
<b>SB 76.3</b>	<b>Confirmation of the Minutes of the items approved by circulation regarding the Programme Launch Form (PLF) of B.Sc. (BSCM) and B.Sc. (Major) Biochemistry (BSCFBC) programmes of School of Sciences under FYUP.</b>		<b>SB 76.3.1 SB 76.3.2 SB 76.3.3</b>
	<b>Matter for Discussion</b>	The approval of the Programme Launch Form (PLF) of B.Sc. (BSCM) and B.Sc. (Major) Biochemistry (BSCFBC) programmes under FYUP Scheme was obtained from the members of the School Board by circulated on 9 <sup>th</sup> January 2024. The Programme Proposal Form (PPF) of B.Sc. (BSCM) and B.Sc. (Major) Biochemistry (BSCFBC) programmes under FYUP Scheme was approved in the 74 <sup>th</sup> School Board of School of Sciences held on October 19, 2023 which was subsequently approved by the Competent Authority and was placed before 69 <sup>th</sup> APC meeting held on 17 <sup>th</sup> November 2023 for ratification.	

		<p>Thereafter the Expert Committee meetings to design the structure of B.Sc. programme and B.Sc. (Major) Biochemistry (BSCFBC) programme under FYUP Scheme were held. Their Programme Development Form (PDF) and Project Proposal Report (PPR) were approved in the 75<sup>th</sup> School Board of School of Sciences held on 8<sup>th</sup> November 2023 which was subsequently approved by 63<sup>rd</sup> Academic Council Standing Committee meeting held on 12<sup>th</sup> December 2023 and 81<sup>st</sup> Academic Council meeting held on 19<sup>th</sup> December 2023. The approval of Programme Launch Form (PLF) of B.Sc. (BSCM) and B.Sc. (Major) Biochemistry (BSCFBC) programmes under FYUP Scheme was obtained from School Board members by circulated in view of the decision of 81<sup>st</sup> Academic Council meeting to offer these programmes from January 2024 admission cycle.</p> <p>The matter was being placed before the School Board to confirm the Minutes of the approval of above agenda items obtained by circulation.</p>	
	<b>Decision of SB</b>	The School Board confirmed the Minutes of the agenda approved by circulation.	
<b>SB 76.4</b>	<b>To consider and recommend the selection of candidates for the admission in the Ph.D programmes in Biochemistry, Geography, Geology, Life Sciences, Mathematics, and Statistics of July 2023 cycle.</b>	<b>SB 76.4.1</b> <b>SB 76.4.2</b> <b>SB 76.4.3</b> <b>SB 76.4.4</b> <b>SB 76.4.5</b> <b>SB 76.4.6</b>	
<b>Matter for Discussion</b>	<p>The PhD Entrance Entrance Test was conducted by IGNOU on 7<sup>th</sup> January 2024 and the results were declared by SED on 28<sup>th</sup> February 2024. The applications were invited to Ph.D programme in two different categories: Category A (who were Exempted from the Entrance Test) and Category B. The candidates of Category B who secured at least 50% marks in the Entrance Test (45% marks in case of SC/ST/OBC (Non-Creamy layers) / Differently abled persons and EWS) were shortlisted and called for the interview in order of merit subject to the maximum limit of five times of the available seats by the disciplines. All the eligible Candidates in Category A were called for interview. The interview for Category A and B was held together. The Ph.D Admission Committees for the disciplines were notified as per the norms of the University and interviews of eligible candidates were conducted. The selection of Category A was be based on interview only. For Category B, the Entrance Test had a weightage of 70% and 30% weightage was given to the interview as per the parameters set for interview i.e. 40% in Research</p>		

		Methodology, 40% in Subject specific knowledge and 20% in Communication Skills. Thereafter the Minutes of the Ph.D Admission Committee were approved in the Doctoral Research Committee of respective disciplines namely Biochemistry, Geography, Geology, Life Sciences, Mathematics, and Statistics disciplines. The above agenda was placed before the School Board of School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences after deliberations considered the selection of candidates for the admission in the Ph.D programmes in Biochemistry, Geography, Geology, Life Sciences, Mathematics, and Statistics of July 2023 cycle and recommended the same for the approval of the Research Council Standing Committee/Research Council.  Further the School Board member took serious view on the number of absent candidates. The current admission of July 2023 cycle was already many months late. It was suggested to plan and streamline the admission within the calendar year, in such a way that more candidates could join the Ph.D programmes.	
<b>SB 76.5 To consider and approve agenda items pertaining to the <u>Discipline of Biochemistry</u></b>			
	<b>SB 76.5.1</b>	<b>To consider and approve the Minutes of the meeting of 32<sup>nd</sup> and 33<sup>rd</sup> Doctoral Research Committee of Biochemistry held on 2<sup>nd</sup> February, and 12<sup>th</sup> March, 2024</b>	<b>SB 76.5.1.1 SB 76.5.1.2</b>
	<b>Matter for Discussion</b>	A meeting of the Doctoral Committee in Biochemistry held on 2 <sup>nd</sup> February 2024. Following agenda was discussed: i) To consider and review the Pre-Ph.D. thesis submission seminar of Ms. Anita Chauhan  A meeting of the Doctoral Committee in Biochemistry held on 12 <sup>th</sup> March 2024. Following agenda items were discussed: i) To consider and review the progress reports of nine Research Scholars for the period July to December 2023. ii) To consider and recommend the cancellation of Ph.D. registration of two research scholars. iii) To consider and recommend minor changes in the research topic of Ms. Sana Vijayalakshmi (Enrol. No. 202493212).  The Minutes of the 32 <sup>nd</sup> and 33 <sup>rd</sup> Doctoral Research Committee of Biochemistry were placed before the School Board for its consideration and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the Minutes of 32 <sup>nd</sup> and 33 <sup>rd</sup> Doctoral Research Committee of Biochemistry held on 2 <sup>nd</sup> February, and 12 <sup>th</sup> March, 2024	

	<b>SB 76.5.2</b>	<b>To consider and approve the list of examiners for the evaluation of Ph.D. Thesis of Ms. Anita Chauhan (Enrollment No. 173101711) registered in the Ph.D. Biochemistry Programme.</b>																	
	<b>Matter for Discussion</b>	<p>The details of Anita Chauhan (Enrollment No. 173101711) enrolled in Ph.D. (Biochemistry) programme are as follows:</p> <table border="1" data-bbox="499 589 1251 1944"> <tr> <td>Name</td> <td>Anita Chauhan</td> </tr> <tr> <td>Enrolment Number</td> <td>Enrol. No. 173101711</td> </tr> <tr> <td>Date of Registration</td> <td>January 2017</td> </tr> <tr> <td>Research Topic</td> <td>Systems Biology Approach Based Vaccine Design for Non-Small Cell Lung Carcinoma</td> </tr> <tr> <td>Name(s) of Supervisor (s)</td> <td>Dr. Seema Kalra, School of Sciences IGNOU</td> </tr> <tr> <td>Number(s) of Paper Publication and Details</td> <td>One (published in Journal of Applied Biology and Biotechnology, DOI: 10.7324/JABB.2024.171563), Title: AZIN1- centric dynamic network biomarker of tipping point in non-small cell lung cancer metastasis</td> </tr> <tr> <td>Presentation of papers in seminars/conferences:</td> <td> <p>(1) Presented paper "Identification of a sub network as a predictive dynamic biomarker for Non Small Cell Lung Cancer." in International Conference on Advance Interdisciplinary Research-2023 on 07-09 April 2023 organized by Science Tech Institute, Lucknow and Digvijay Nath PG college, Gorakhpur,UP.</p> <p>(2) Presented paper "<i>In silico</i> Prediction of ERBB2- GRB7 interaction as a molecular switch to activate Non Small Cell Lung Carcinoma" in NPPRD, International Conference on 27-28 Feb 2023 organized by BU Jhansi.</p> </td> </tr> <tr> <td>Date of Pre-PhD thesis Presentation</td> <td>2<sup>nd</sup> February 2024</td> </tr> </table> <p>The list of Experts for Evaluation of Thesis was provided in a Confidential Cover for approval of the School Board of School of Sciences.</p>	Name	Anita Chauhan	Enrolment Number	Enrol. No. 173101711	Date of Registration	January 2017	Research Topic	Systems Biology Approach Based Vaccine Design for Non-Small Cell Lung Carcinoma	Name(s) of Supervisor (s)	Dr. Seema Kalra, School of Sciences IGNOU	Number(s) of Paper Publication and Details	One (published in Journal of Applied Biology and Biotechnology, DOI: 10.7324/JABB.2024.171563), Title: AZIN1- centric dynamic network biomarker of tipping point in non-small cell lung cancer metastasis	Presentation of papers in seminars/conferences:	<p>(1) Presented paper "Identification of a sub network as a predictive dynamic biomarker for Non Small Cell Lung Cancer." in International Conference on Advance Interdisciplinary Research-2023 on 07-09 April 2023 organized by Science Tech Institute, Lucknow and Digvijay Nath PG college, Gorakhpur,UP.</p> <p>(2) Presented paper "<i>In silico</i> Prediction of ERBB2- GRB7 interaction as a molecular switch to activate Non Small Cell Lung Carcinoma" in NPPRD, International Conference on 27-28 Feb 2023 organized by BU Jhansi.</p>	Date of Pre-PhD thesis Presentation	2 <sup>nd</sup> February 2024	
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	<b>Decision of SB</b>	The list of Examiners for evaluation of thesis of Ms. Anita Chauhan (Enrollment No. 173101711) was read out before the Board members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of School Board Minutes.	
	<b>SB 76.5.3</b>	<b>To consider and recommend the names of course writers and editors of M.Sc. (Biochemistry) Programme (MSCBCH): Bioinformatics and Biostatistics (MBC-007), Bioanalytical Techniques (MBC-003), Human Physiology (MBCE-013), OMICS (MBCE-017), Plant Biochemistry (MBCE-012), Recombinant DNA Technology and its applications (MBC-006), Microbiology (Elective Course) (MBCE-014), Genetics and Evolutionary Biology (MBC-008), Enzymes and their applications (MBC-004), Concepts and connections in metabolism (MBC-005), Toxicology (Elective Course)- MBCE-016, Clinical Biochemistry (Core Course)- MBC-009.</b>	<b>SB 76.5.3</b>
	<b>Matter for Discussion</b>	Biochemistry discipline is in process of developing self-learning materials for the M.Sc. (Biochemistry) programme which is on offer from January 2024 admission cycle. The Programme Development Form (PDF) and Programme Project Report (PPR) of M.Sc. (Biochemistry) were considered and duly approved by the 58 <sup>th</sup> meeting of Academic Council Standing Committee held on 21 <sup>st</sup> Nov, 2022.  In this context, the list of course writers and editors for the theory and lab courses from 1 <sup>st</sup> to 4 <sup>th</sup> Semester: Bioinformatics and Biostatistics (MBC-007), Bioanalytical Techniques (MBC-003), Human Physiology (MBCE-013), OMICS (MBCE-017), Plant Biochemistry (MBCE-012), Recombinant DNA Technology and its applications (MBC-006), Microbiology (Elective Course) (MBCE-014), Genetics and Evolutionary Biology (MBC-008), Enzymes and their applications (MBC-004), Concepts and connections in metabolism (MBC-005), Toxicology (Elective Course)- MBCE-016, Clinical Biochemistry (Core Course)- MBC-009 of M.Sc. (Biochemistry) Programme were placed before the School Board for consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the names of course writers and editors for the theory and lab courses from 1 <sup>st</sup> to 4 <sup>th</sup> Semester of M.Sc. (Biochemistry) Programme (MSCBCH) and recommended the same for the approval of the Competent Authority	
<b>SB 76.6</b>	<b>To consider and approve agenda items pertaining to the <u>Discipline of Chemistry</u></b>		

	<b>SB 76.6.1</b>	<b>To consider and approve the Minutes of the 73<sup>rd</sup> Doctoral Research Committee Meeting for Chemistry held on 25<sup>th</sup> January 2024.</b>	<b>SB 76.6.1</b>
	<b>Matter for Discussion</b>	<p>The 73<sup>rd</sup> Doctoral Research Committee Meeting of Chemistry Discipline was held on 25<sup>th</sup> January 2024 at 11:00 A.M. in Conference Room, School of Sciences, Raman Bhawan, D-Block, New Academic Complex. The agenda of the meeting discussed are as under</p> <ol style="list-style-type: none"> <li>i) Presentation of six-monthly progress reports by nine research scholars enrolled in PhD (Chemistry) Programme.</li> <li>ii) Under any other matter with the permission of the chair. Prof. Lalita S. Kumar proposed to opt Dr. Yogesh Kumar, Assistant Professor, Miranda House, University of Delhi as the co-supervisor for Ms. Smriti Rana (Enrolment No. 210270143). The Committee considered the case and recommended Dr. Yogesh Kumar for approval as Co-supervisor for Ms. Smriti Rana. It was further suggested that the recommendation be forwarded to research unit after due approval from the School Board of School of Sciences.</li> </ol> <p>The Minutes of 73<sup>rd</sup> Doctoral Research Committee Programme were placed before the School Board of School of Sciences for its consideration and approval.</p>	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the contents of the Minutes of 73 <sup>rd</sup> Doctoral Research Committee Meeting for Chemistry held on 25 <sup>th</sup> January 2024.	
	<b>SB 76.6.2</b>	<b>To consider and recommend the additional name of an expert for Paper setting and Evaluation work of MCH-002 course of PGDAC Programme.</b>	<b>SB 76.6.2</b>
	<b>Matter for Discussion</b>	<p>The list of Paper setters and Evaluators require time to time updation. It is requested that the following name for Paper setting and Evaluation of Separation Methods (MCH-002) course of PGDAC Programme may kindly considered and approved by the School Board of School of Sciences. The name of the expert for paper setting and evaluation was placed before the School of Sciences for recommendation.</p> <p><b>Paper Setter and Evaluator:</b> Prof. Ravin Manohar Jugade Professor in Analytical Chemistry Department of Chemistry RTM Nagpur University,</p>	

		Nagpur- 440022 (M.S.) Phone No. 9420254377 Email Id : ravinj2001@yahoo.co.in	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the name of the expert for paper setting and evaluation of MCH-002 course of PGDAC Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.6.3</b>	<b>To consider and approve consolidated list of experts for Doctoral Research Committee in Chemistry.</b>	<b>SB 76.6.3</b>
	<b>Matter for Discussion</b>	The Chemistry Discipline has proposed additional names of experts for Doctoral Research Committee in Chemistry. A list containing additional names of experts for Doctoral Research Committee in Chemistry was placed before the School Board for the consideration and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and recommended the consolidated list of experts for Doctoral Research Committee in Chemistry.	
<b>SB 76.7</b>	<b>To consider and approve agenda items pertaining to the <u>Discipline of Geography.</u></b>		
	<b>SB 76.7.1</b>	<b>To consider and approve the Minutes of the 77<sup>th</sup>, 78<sup>th</sup> and 79<sup>th</sup> Meetings of the Doctoral Research Committee of Geography Discipline held on January 30, January 31 and February 06, 2024 respectively.</b>	<b>SB 76.7.1.1 SB 76.7.1.2 SB 76.7.1.3</b>
	<b>Matter for Discussion</b>	<p>The 77<sup>th</sup> Doctoral Research Committee of Geography Discipline was held on 30th January 2024. The following agenda was discussed:</p> <ul style="list-style-type: none"> <li>i) To review the Progress Reports of 04 Ph.D. research scholars enrolled in Ph.D. Geography Programme of 2018 and 2020 admission cycles.</li> <li>ii) To consider and approve the Second mandatory seminar of 01 Ph.D. Research Scholar enrolled in Ph.D. Geography Programme.</li> </ul> <p>The 78<sup>th</sup> Doctoral Research Committee of Geography Discipline was held on 31<sup>st</sup> January 2024. The following agenda was discussed:</p> <ul style="list-style-type: none"> <li>i) To review the Progress Reports of 07 Ph.D. research scholars enrolled in Ph.D. Geography Programme of 2018 and 2020 admission cycles.</li> <li>ii) To consider and approve the second mandatory seminar of 03 Ph.D. Research Scholars enrolled in Ph.D. Geography Programme.</li> </ul> <p>The 79<sup>th</sup> Doctoral Research Committee of Geography Discipline was held on 6<sup>th</sup> February 2024. The following agenda was discussed:</p> <ul style="list-style-type: none"> <li>i) To review the Progress Reports of 09 Ph.D. research scholars enrolled in Ph.D. Geography Programme of 2017, 2018 and 2020 admission cycles.</li> <li>ii) To consider and approve the First mandatory seminar of 01 Ph.D. Research Scholar enrolled in Ph.D. Geography</li> </ul>	

		Programme. The Minutes of the Doctoral Research Committee Meetings were placed before the School Board of School of Sciences for consideration	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the contents of the Minutes of the 77 <sup>th</sup> , 78 <sup>th</sup> and 79 <sup>th</sup> Meetings of the Doctoral Research Committee of Geography Discipline held on January 30, January 31 and February 06, 2024.	
	<b>SB 76.7.2</b>	<b>To consider and recommend the list of Evaluators for the First Semester Courses of M.Sc. (Geography) Programme: Introduction to Geographical Thought (MGG-001) and Advances in Geographical Thought (MGG-008), Geomorphology (MGG-002), Regional Geography of India (MGG-003), Population and Settlement Geography (MGG-004).</b>	<b>SB 76.7.2</b>
	<b>Matter for Discussion</b>	M.Sc. (Geography) Programme is on offer from July 2023 cycle. In this regard the Discipline of Geography has proposed the names of Evaluators for the First Semester Courses of M.Sc. (Geography) Programme: Introduction to Geographical Thought (MGG-001) and Advances in Geographical Thought (MGG-008), Geomorphology (MGG-002), Regional Geography of India (MGG-003), Population and Settlement Geography (MGG-004). The list of Evaluators was placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and the list of Evaluators for the First Semester Courses of M.Sc. (Geography) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.7.3</b>	<b>To consider and recommend the list of the Evaluators for the Second Semester Courses of M.Sc. (Geography) Programme: Climatology (MGG-005), Economic Geography (MGG-006), Environmental Geography (MGG-007) and Urban Geography (MGG-010).</b>	<b>SB 76.7.3</b>
	<b>Matter for Discussion</b>	M.Sc. (Geography) Programme is on offer from July 2023 cycle. In this regard the Discipline of Geography has proposed the names of Evaluators for the Second Semester Courses of M.Sc. (Geography) Programme: Climatology (MGG-005), Economic Geography (MGG-006), Environmental Geography (MGG-007) and Urban Geography (MGG-010). The above agenda item was placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and the list of Evaluators for the Second Semester Courses of M.Sc. (Geography) Programme and recommended the same for the approval of the Competent Authority.	

	<b>SB 76.7.4</b>	<b>To consider and recommend the names of Editors and Course Writers for the course “Oceanography (MGG-013)”of M.Sc. (Geography) Programme.</b>	<b>SB 76.7.4</b>
	<b>Matter for Discussion</b>	M.Sc. (Geography) Programme is on offer from July 2023 cycle. In this regard the Discipline of Geography has proposed the the names of Editors and Course Writers for the course “Oceanography (MGG-013)”of M.Sc. (Geography) Programme. The above agenda item was placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and the names of Editors and Course Writers for the course “Oceanography (MGG-013)” of M.Sc. (Geography) Programme and recommended the same for the approval of the Competent Authority.	
<b>SB 76.8</b>	<b>To consider and approve agenda Item pertaining to the <u>Discipline of Geology</u></b>		
	<b>SB 76.8.1</b>	<b>To consider and approve the Minutes of the 72<sup>nd</sup>, 73<sup>rd</sup>, 74<sup>th</sup>, 75<sup>th</sup> and 76<sup>th</sup> Meetings of the Doctoral Research Committee in Geology held on 31<sup>st</sup> October 2023, 1<sup>st</sup> December 2023, 18<sup>th</sup> January 2024, 5<sup>th</sup> February 2024 and 7<sup>th</sup> February 2024, respectively.</b>	<b>SB 76.8.1.1 SB 76.8.1.2 SB 76.8.1.3 SB 76.8.1.4 SB 76.8.1.5</b>
	<b>Matter for Discussion</b>	The 72 <sup>nd</sup> Doctoral Research Committee of Geology Discipline was held on 31 <sup>st</sup> October 2023. The following agenda was discussed: i) To review the Pre-thesis submission seminar presentation by Mr. Sourish Chatterjee (Enrollment No. 179341959).  The 73 <sup>rd</sup> Doctoral Research Committee of Geology Discipline was held on 1 <sup>st</sup> December 2023. The following agenda was discussed: i) To review the Pre-thesis submission seminar presentation by Mr. Ihsan Ullah Lone (Enrollment No. 179342001) and Mr. Bilal Ahmad Sunu (Enrollment No. 179341980).  The 74 <sup>th</sup> Doctoral Research Committee of Geology Discipline was held on 18 <sup>th</sup> January 2024. The following agenda was discussed: i) To review the Pre-thesis submission seminar presentation by Mr. Anayat Ahmad Quarshi (Enrollment No. 188500450). ii) To review the Progress Reports of five Research Scholars enrolled in PhD (Geology) Programme. iii) To consider and approve the name of Dr. Neeti, Associate Professor, Azim Premji University, Bangalore as Co-supervisor for the scholar Mr. Faisal Imam Umrani.  The 75 <sup>th</sup> Doctoral Research Committee of Geology	

		<p>Discipline was held on 5<sup>th</sup> February 2024. The following agenda was discussed:</p> <p>i) To consider and approve the title and research proposal of the research scholar Mr. Rajeev Kumar (Enrollment No. 210270333).</p> <p>ii) To review the Progress Reports of two Research Scholars enrolled in PhD (Geology) Programme.</p> <p>The 76<sup>th</sup> Doctoral Research Committee of Geology Discipline was held on 7<sup>th</sup> February 2024. The following agenda was discussed:</p> <p>i) To review the Progress Reports of four Research Scholars enrolled in PhD (Geology) Programme.</p> <p>ii) To consider and approve the title and research proposal of the research scholar Mr. Shailendra Kumar Singh (Enrollment No. 210270326).</p> <p>The Minutes of the 72<sup>nd</sup>, 73<sup>rd</sup>, 74<sup>th</sup>, 75<sup>th</sup> and 76<sup>th</sup> Meetings of the Doctoral Committee were placed before the School Board of School of Sciences for its consideration and approval.</p>											
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the contents of the Minutes of the 72 <sup>nd</sup> , 73 <sup>rd</sup> , 74 <sup>th</sup> , 75 <sup>th</sup> and 76 <sup>th</sup> Meetings of the Doctoral Research Committee in Geology held on 31 <sup>st</sup> October 2023, 1 <sup>st</sup> December 2023, 18 <sup>th</sup> January 2024, 5 <sup>th</sup> February 2024 and 7 <sup>th</sup> February 2024.											
	<b>SB 76.8.2</b>	<b>To consider and approve the list of examiners for evaluation of PhD Thesis of Mr. Anayat Ahmad Quarshi (Enrollment No. 188500450) enrolled in PhD (Geology) programme.</b>											
	<b>Matter for Discussion</b>	<p>The Ph.D. scholar Mr. Anayat Ahmad Quarshi (Enrollment No. 188500450) enrolled in PhD (Geology) programme. The details are mentioned below:</p> <table border="1"> <tr> <td><b>Name</b></td> <td>Anayat Ahmad Quarshi</td> </tr> <tr> <td><b>Enrolment Number</b></td> <td>188500450</td> </tr> <tr> <td><b>Date of Registration</b></td> <td>29/06/2018</td> </tr> <tr> <td><b>Research Topic</b></td> <td>Glaciogeomorphological Study in parts of Eastern Karakoram, Nubra Shyok Valley, Ladakh, India</td> </tr> <tr> <td><b>Name of Supervisor</b></td> <td>Prof. Benidhar Deshmukh (Supervisor) Discipline of Geology, School of Sciences, IGNOU Dr. Rakesh Chandra (Co-Supervisor) Sr. Assistant Professor, Department of Earth Sciences, University of Kashmir, Hazratbal, Srinagar</td> </tr> </table>	<b>Name</b>	Anayat Ahmad Quarshi	<b>Enrolment Number</b>	188500450	<b>Date of Registration</b>	29/06/2018	<b>Research Topic</b>	Glaciogeomorphological Study in parts of Eastern Karakoram, Nubra Shyok Valley, Ladakh, India	<b>Name of Supervisor</b>	Prof. Benidhar Deshmukh (Supervisor) Discipline of Geology, School of Sciences, IGNOU Dr. Rakesh Chandra (Co-Supervisor) Sr. Assistant Professor, Department of Earth Sciences, University of Kashmir, Hazratbal, Srinagar	
<b>Name</b>	Anayat Ahmad Quarshi												
<b>Enrolment Number</b>	188500450												
<b>Date of Registration</b>	29/06/2018												
<b>Research Topic</b>	Glaciogeomorphological Study in parts of Eastern Karakoram, Nubra Shyok Valley, Ladakh, India												
<b>Name of Supervisor</b>	Prof. Benidhar Deshmukh (Supervisor) Discipline of Geology, School of Sciences, IGNOU Dr. Rakesh Chandra (Co-Supervisor) Sr. Assistant Professor, Department of Earth Sciences, University of Kashmir, Hazratbal, Srinagar												

		<p><b>Presentation of papers in seminars/conferences:</b></p>	<p>i) Anayat Ahmad Quarshi, Benidhar Deshmukh and Rakesh Chandra (2021) Proglacial Lake evolution in parts of Eastern Karakoram Nubra-Shyok Valley, Ladakh, India. International E-Conference on Progress of Science and Technology during Pandemic (PSTDP-2021), organised by Him Science Congress Association held on 12<sup>th</sup> September 2021.</p> <p>ii) Anayat Ahmad Quarshi, Benidhar Deshmukh and Rakesh Chandra (2023) Glacio-geomorphological study in parts of Eastern Karakoram: A case study of Rangdo Basin, Nubra Valley, Ladakh, India. 3<sup>rd</sup> International Conference on Geology: Emerging Methods and Applications (GEM, 2023) organised by Department of Geology and Environmental Science, Christ College (Autonomous) Irinjalakuda, Thrissur, Kerala, held on 23<sup>rd</sup> to 25<sup>th</sup> January 2023</p>		
		<b>Number(s) of Paper</b>	01		
		<b>Publication and Details</b>	Landscape and Landform Mapping in the Rongdo basin Eastern Karakoram, Ladakh, India – has been accepted for publication in the Journal of Geological Society of India		
		<b>Date of Pre-PhD thesis Presentation</b>	18 <sup>th</sup> January 2024		
		The list of Examiners for Evaluation of thesis is provided in a confidential cover. The agenda was placed before the School Board of the School of Sciences for its consideration and approval.			
	<b>Decision of SB</b>	The list of Examiners for evaluation of thesis of Mr. Anayat Ahmad Quarshi (Enrollment No. 188500450) was read out before the Board members. The School Board of School of			

		Sciences approved the list of examiners and advised that the approved list of examiners should be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of School Board Minutes.	
	<b>SB 76.8.3</b>	<b>To consider and approve additional names of Course Writers and Editors of the courses MGY-005: Techniques in Remote Sensing and Digital Image Processing; MGY-006: Spatial Analysis and Modelling; MGY-009: Advances in Remote Sensing and GIS; MGY-010: Computer Programming for Digital Image Processing and GIS; MGY-011: Geo-environmental Applications of Geoinformatics; MG YL-012: Advanced Geoinformatics Laboratory; MGY-013: Research Methodology and Professional Skills in Geoinformatics; MGY-014: Geoinformatics in Natural Resources and Environmental Studies, MGYE-021: Emerging Applications of Geoinformatics, and MGYE-022: Advanced Programming in Geoinformatics, of MSc (Geoinformatics) programme.</b>	<b>SB 76.8.3</b>
	<b>Matter for Discussion</b>	M.Sc. (Geoinformatics) programme is on offer from July 2023 cycle. The course coordinators have proposed the additional names of Course Writers and Editors for the nine courses- MGY-006: Spatial Analysis and Modelling; MGY-009: Advances in Remote Sensing and GIS; MGY-010: Computer Programming for Digital Image Processing and GIS; MGY-011: Geo-environmental Applications of Geoinformatics; MGYL-012: Advanced Geoinformatics Laboratory; MGY-013: Research Methodology and Professional Skills in Geoinformatics; MGY-014: Geoinformatics in Natural Resources and Environmental Studies, MGYE-021: Emerging Applications of Geoinformatics, and MGYE-022: Advanced Programming in Geoinformatics, of MSCGI programme. The agenda was placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional names of Course writers and Editors for courses of MSc (Geoinformatics) Programme and recommended the same for the approval of the Competent Authority	
	<b>SB 76.8.4</b>	<b>To consider and recommend the list of Members of Moderation Board for the Geology Courses- BGYCT-131 Physical and Structural Geology; BGYCT-133 Crystallography, Mineralogy and Economic Geology; BGYCT-135 Petrology; BGYCT-137 Stratigraphy and Palaeontology; BGYET-141 Ore Geology and Industrial Minerals; BGYET-147 Geomorphology and Geotectonics of B.Sc. (Gen) and B.Sc (BSCM) programme.</b>	<b>SB 76.8.4</b>
	<b>Matter for Discussion</b>	The names of Members of Moderation Board for the Core and Elective Theory Courses of Geology- BGYCT-131	

		Physical and Structural Geology; BGYCT-133 Crystallography, Mineralogy and Economic Geology; BGYCT-135 Petrology; BGYCT-137 Stratigraphy and Palaeontology; BGYET-141 Ore Geology and Industrial Minerals; BGYET-147 Geomorphology and Geotectonics of B.Sc. (Gen) and B.Sc. (BSCM) programmes were placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the list of Members of Moderation Board for the Geology courses for BSCG and BSCM programme and recommended the same for the approval of the Competent Authority.	
<b>SB 76.9</b>	<b>To consider and approve agenda Item pertaining to the <u>Discipline of Life Sciences</u></b>		
	<b>SB 76.9.1</b>	<b>To consider and approve the updated list of external experts for the Doctoral Committee of the Discipline of Life Sciences.</b>	<b>SB 76.9.1</b>
	<b>Matter for Discussion</b>	The Discipline of Life Sciences has proposed the updated list of external experts for Doctoral Committee. The updated list was placed before the School Board of School of Sciences for consideration and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and recommended the updated list of experts for Doctoral Research Committee of the Discipline of Life Sciences.	
	<b>SB 76.9.2</b>	<b>To consider and recommend the list of Expert Committee Members for modification of the syllabus of entrance test for Ph.D. in Life Sciences (PHDLS).</b>	<b>SB 76.9.2</b>
	<b>Matter for Discussion</b>	The Discipline of Life Sciences has proposed the list of Expert Committee Members for modification of the syllabus of entrance test for PhD in Life Sciences (PHDLS). The list was placed before the School Board of School of Sciences for recommendation and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the list of experts for Doctoral Research Committee of the Discipline of Life Sciences and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.3</b>	<b>To consider and recommend of additional list of Course Writers for the courses of M.Sc. (Zoology) Programme (3<sup>rd</sup> Semester and 4<sup>th</sup> Semester): MZO-006 (Biostatistics and Bioinformatics), MZO-007 (Principles of Ecology), MZOE-004 [Insect Taxonomy and Morphology (Elective)], MZOE-005 [Insect Physiology and Toxicology (Elective)], MZOE-006 [Applied Entomology (Elective)] and MZOL-IV (Lab Course IV).</b>	<b>SB 76.9.3</b>
	<b>Matter for Discussion</b>	The Life Sciences Discipline is developing the Master's degree programme in Zoology. The additional list of course writers for different courses of the M. Sc. (Zoology) Programme for 3 <sup>rd</sup> Semester and 4 <sup>th</sup> Semester viz., MZO-006 (Biostatistics and Bioinformatics), MZO-007 (Principles	

		of Ecology), MZOE-004 [Insect Taxonomy and Morphology (Elective)], MZOE-005 [Insect Physiology and Toxicology (Elective)], MZOE-006 [Applied Entomology (Elective)] and MZOL-IV (Lab Course IV) was placed before the School Board of the School of Sciences for its consideration and recommendation	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional list of course writers for the courses of 3 <sup>rd</sup> Semester and 4 <sup>th</sup> Semester of M.Sc. (Zoology) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.4</b>	<b>To consider and recommend the list of Course Editors for the elective courses of M.Sc. (Zoology) Programme (4<sup>th</sup> Semester): MZOE-004 [Insect Taxonomy and Morphology], MZOE-005 [Insect Physiology and Toxicology] and MZOE-006 [Applied Entomology].</b>	<b>SB 76.9.4</b>
	<b>Matter for Discussion</b>	The Life Sciences Discipline is developing the Master's degree programme in Zoology. The list of Course Editors for different courses of the M. Sc. (Zoology) Programme, viz., MZOE-004 [Insect Taxonomy and Morphology], MZOE-005 [Insect Physiology and Toxicology] and MZOE-006 [Applied Entomology] was placed before the School Board of the School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the list of course editors for the courses of 4 <sup>th</sup> Semester of M.Sc. (Zoology) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.5</b>	<b>To consider and recommend the list of Moderation Board Members of question paper for entrance test of PhD in Life Sciences (PHDLS).</b>	<b>SB 76.9.5</b>
	<b>Matter for Discussion</b>	The Discipline of Life Sciences has proposed the list of Moderation Board Members of question paper for entrance test of PhD in Life Sciences (PHDLS) was placed before the School Board of School of Sciences for consideration and recommendation	
	<b>Decision of SB</b>	The School Board of School of Sciences considered list of Moderation Board Members of question paper for entrance test of PhD in Life Sciences (PHDLS) and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.6</b>	<b>To consider and approve the names of Hindi Translators for question paper for PhD entrance test of Life Sciences.</b>	
	<b>Matter for Discussion</b>	The following names of Hindi Translators for question paper for PhD entrance test of Life Sciences are placed before the School Board of School of Sciences for consideration and approval:  1. Dr. Arun Kumar Maurya Assistant Professor, Department of Botany	

		<p>Multanimal Modi College, Modinagar          Uttar Pradesh-201204          Mobile: 9868442677, 9560408083          Email: <a href="mailto:botany25@gmail.com">botany25@gmail.com</a></p> <p>2. Dr. Kumkum Chaturvedi          Ex-Consultant, SOS, IGNOU          New Delhi-110068  <b>(Res):</b> T17/1202, Emmar Gurgaon          Greens Society, Sector 102,          Gurugram-122505, Haryana          Mobile: 9897110839          Email: kumkum.chaturvedi@rediffmail.com</p>	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the names of translators and recommended the same to be included in the common pool for all programmes.	
	<b>SB 76.9.7</b>	<b>To consider and recommend the lists of Paper Setters, Moderation Board Members and Evaluators for the courses MZO-001 (Molecular Cell Biology), MZO-002 (Genetics and Animal Biotechnology), MZO-003 (Comparative Animal Physiology and Biochemistry) and MZOE-001 (Parasitology) of M.Sc. (Zoology) Programme.</b>	<b>SB 76.9.7.1          SB 76.9.7.2          SB 76.9.7.3</b>
	<b>Matter for Discussion</b>	The lists of names of Paper Setters, Moderation Board Members and Evaluators for the courses MZO-001 (Molecular Cell Biology), MZO-002 (Genetics and Animal Biotechnology), MZO-003 (Comparative Animal Physiology and Biochemistry) and MZOE-001 (Parasitology) of M.Sc (Zoology) were placed before the School Board of School of Sciences for consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the lists of paper setters, Members of moderation board and evaluators for the courses of M.Sc (Zoology) and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.8</b>	<b>To consider and recommend the list of Moderation Board Members for the Life Sciences courses: BBYCT-131 (Biodiversity Microbes, Algae, Fungi and Archegoniate), BBYCT-133 (Plant Ecology and Taxonomy), BBYCT-135 (Plant Anatomy and Embryology), BBYCT-137 (Plant Physiology and Metabolism), BBYET-141 (Cell and Molecular Biology) and BBYET-143 (Economic Botany and Biotechnology) of B.Sc. Programme (BSCM).</b>	<b>SB 76.9.8</b>
	<b>Matter for Discussion</b>	The Discipline of Life Sciences has proposed the list of Moderation Board Members for the Life Sciences courses of B.Sc. Programme: BBYCT-131 (Biodiversity Microbes, Algae, Fungi and Archegoniate), BBYCT-133 (Plant Ecology and Taxonomy), BBYCT-135 (Plant Anatomy and Embryology), BBYCT-137 (Plant	

		Physiology and Metabolism), BBYET-141 (Cell and Molecular Biology) and BBYET-143 (Economic Botany and Biotechnology) was placed before the School Board of School of Sciences for consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the list of Members of Moderation Board for the Life Sciences courses of B.Sc (BSCM) programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.9.9</b>	<b>To consider and approve the additional list of evaluators for the courses of BBYCT-131 (Biodiversity (Microbes, Algae, Fungi and Archegoniate), BBYCT-133 (Plant Ecology and Taxonomy), BBYCT-135 (Plant Anatomy and Embryology), BBYCT-137 (Plant Physiology and Metabolism), BBYET-141 (Cell and Molecular Biology), BBYET-143 (Economic Botany and Biotechnology), BZYCT-131 (Animal Diversity), BZYCT-133 (Comparative Anatomy and Developmental Biology of Vertebrates), BZYCT-135 (Physiology and Biochemistry), BZYCT-137 (Genetics and Evolutionary Biology), BZYET-141 (Immunology), BZYET-143 (Insect Vectors and Vector Borne Diseases), LSE-01 (Cell Biology), LSE-02 (Ecology), LSE-03 (Genetic), LSE-06(I) (Developmental Biology), LSE-07 (Taxonomy and Evolution), LSE-09 (Animal Diversity-I), LSE-10 (Animal Diversity II), AHE-01 (Human Environment) and CLT-102 (Laboratory Course in Biology).</b>	<b>SB 76.9.9.1 SB 76.9.9.2 SB 76.9.9.3 SB 76.9.9.4 SB 76.9.9.5</b>
	<b>Matter for Discussion</b>	The Discipline of Life Sciences has proposed the additional lists of evaluators for the Life Sciences courses: BBYCT-131 (Biodiversity (Microbes, Algae, Fungi and Archegoniate), BBYCT-133 (Plant Ecology and Taxonomy), BBYCT-135 (Plant Anatomy and Embryology), BBYCT-137 (Plant Physiology and Metabolism), BBYET-141 (Cell and Molecular Biology), BBYET-143 (Economic Botany and Biotechnology), BZYCT-131 (Animal Diversity), BZYCT-133 (Comparative Anatomy and Developmental Biology of Vertebrates), BZYCT-135 (Physiology and Biochemistry), BZYCT-137 (Genetics and Evolutionary Biology), BZYET-141 (Immunology), BZYET-143 (Insect Vectors and Vector Borne Diseases), LSE-01 (Cell Biology), LSE-02 (Ecology), LSE-03 (Genetic), LSE-06(I) (Developmental Biology), LSE-07 (Taxonomy and Evolution), LSE-09 (Animal Diversity-I), LSE-10 (Animal Diversity II), AHE-01 (Human Environment) and CLT-102 (Laboratory Course in Biology) were placed before the School Board of School of Sciences for	

		consideration and recommendation.													
	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional list of evaluators for various Life Science courses and recommended the same for the approval of the Competent Authority.													
	<b>SB 76.9.10</b>	<b>To consider and approve the list of examiners for the thesis of Ms. Rashmi Kumari, PhD scholar in Life Sciences.</b>													
	<b>Matter for Discussion</b>	<p>The details of Ms Rashmi Kumari (Enrl. 173101926) enrolled in Ph.D. (Life Sciences) programme are as follows</p> <table border="1"> <tr> <td><b>Name</b></td> <td>Rashmi Kumari</td> </tr> <tr> <td><b>Enrolment number</b></td> <td>173101926</td> </tr> <tr> <td><b>Date of registration</b></td> <td>January, 2017</td> </tr> <tr> <td><b>Topic</b></td> <td>Studies on Single Nucleotide Polymorphism of Parkin Gene in Cancer</td> </tr> <tr> <td><b>Supervisor (Internal/External)</b></td> <td>Dr. Siya Ram (Supervisor) Associate Professor in Life Sciences, IGNOU, New Delhi Professor. M.M.A. Rizvi (Co-Supervisor) Senior Professor, Jamia Millia Islamia, Genome Biology Lab, Department of Biosciences, Mujeeb Bagh, New Delhi-110025</td> </tr> <tr> <td><b>Presentation of papers in seminars/conferences</b></td> <td> <p>1. Kumari, R.; Kumari, B.; Khan, B.; Ram, S.; and Rizvi, M. M. A. (2024), Using molecular docking, dynamics, and simulation to investigate the role of <i>Trigonella foenum-graecum</i> interaction with parkin gene in the prevention of oral cancer, [Abstract]. International Conferences on Health and disparities, Research Symposium-101, The University of Texas Rio Grande Valley, USA. (<a href="https://scholarworks.utrgv.edu/somrs/2023/posters/101">https://scholarworks.utrgv.edu/somrs/2023/posters/101</a>).</p> <p>2. Kumari, R.; Bharti, A.; Ram, S.; and Rizvi, M. M. A., (2023). <i>Trigonella foenum graecum</i> (Fenugreek) seed extract exhibit oral anticancer properties, [Abstract]. International Conference on Hunger to</p> </td> </tr> </table>	<b>Name</b>	Rashmi Kumari	<b>Enrolment number</b>	173101926	<b>Date of registration</b>	January, 2017	<b>Topic</b>	Studies on Single Nucleotide Polymorphism of Parkin Gene in Cancer	<b>Supervisor (Internal/External)</b>	Dr. Siya Ram (Supervisor) Associate Professor in Life Sciences, IGNOU, New Delhi Professor. M.M.A. Rizvi (Co-Supervisor) Senior Professor, Jamia Millia Islamia, Genome Biology Lab, Department of Biosciences, Mujeeb Bagh, New Delhi-110025	<b>Presentation of papers in seminars/conferences</b>	<p>1. Kumari, R.; Kumari, B.; Khan, B.; Ram, S.; and Rizvi, M. M. A. (2024), Using molecular docking, dynamics, and simulation to investigate the role of <i>Trigonella foenum-graecum</i> interaction with parkin gene in the prevention of oral cancer, [Abstract]. International Conferences on Health and disparities, Research Symposium-101, The University of Texas Rio Grande Valley, USA. (<a href="https://scholarworks.utrgv.edu/somrs/2023/posters/101">https://scholarworks.utrgv.edu/somrs/2023/posters/101</a>).</p> <p>2. Kumari, R.; Bharti, A.; Ram, S.; and Rizvi, M. M. A., (2023). <i>Trigonella foenum graecum</i> (Fenugreek) seed extract exhibit oral anticancer properties, [Abstract]. International Conference on Hunger to</p>	
<b>Name</b>	Rashmi Kumari														
<b>Enrolment number</b>	173101926														
<b>Date of registration</b>	January, 2017														
<b>Topic</b>	Studies on Single Nucleotide Polymorphism of Parkin Gene in Cancer														
<b>Supervisor (Internal/External)</b>	Dr. Siya Ram (Supervisor) Associate Professor in Life Sciences, IGNOU, New Delhi Professor. M.M.A. Rizvi (Co-Supervisor) Senior Professor, Jamia Millia Islamia, Genome Biology Lab, Department of Biosciences, Mujeeb Bagh, New Delhi-110025														
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		<p>Hope: Building a Sustainable Future through Nutrition and Food Security, 16<sup>th</sup> October 2023, Centre for Environment &amp; Sustainable Development (CESD) Jamia Hamdard, New Delhi, India.</p> <p>3. Kumari, R.; Ram, S.; and Rizvi, M. M. A. (2023), Assessment of PARK-2 intronic polymorphism rs1784594 in North Indian patients with oral cancer (2023). National Conference on "Disease Diagnosis and Drug Development Against Human Pathogens" organized by Research &amp; Development Cell, Muthayammal College of Arts and Science, Rasipuram-637408, Namakkal, Tamil Nadu, India.</p>	
		<p><b>No. of Publications</b></p>	<p>One published and One sent for publication</p> <p>1. Rashmi Kumari, Arvind Kumar Shakya, M.M.A. Rizvi, Siya Ram. Anti-cancer Potential of Bioactive Compounds from Moringaoleifera Against Park2 in Oral Cancer Protein: <i>In Silico</i> Approach. J of Ayurveda and Hol Med (JAHM). 2023;12(1):44-57.</p>
		<p><b>Pre-Thesis Seminar</b></p>	<p>Held on 5<sup>th</sup> March, 2024</p>
		<p>The list of Experts for Evaluation of Thesis was provided in a Confidential Cover for approval of the School Board of School of Sciences.</p>	
	<b>Decision of SB</b>	<p>The list of Examiners for evaluation of thesis of Ms Rashmi Kumari (Enrl. 173101926) was read out before the Board members. The School Board of School of Sciences approved the list of examiners and advised that the approved list of examiners should be forwarded in a confidential cover to the Research Unit, IGNOU after the approval of School Board Minutes.</p>	
	<b>SB 76.9.11</b>	<p><b>To consider and approve the Minutes of the Doctoral Committee Meeting of Life Sciences held on 2<sup>nd</sup> April 2024.</b></p>	<b>SB 76.9.11</b>
	<b>Matter for Discussion</b>	<p>The Doctoral Committee meeting of Life Sciences was held on 2<sup>nd</sup> April 2024 at 2:00 P.M in the Conference Room</p>	

		of Raman Bhawan the following agenda were discussed: i) To consider and approve six-monthly progress reports of five students registered in PHDLS programme. ii) To consider and approve the Deregistration of Nisha Kachhap (Enrl. 173101958) from Ph.D. (Life Sciences) Programme. The Minutes of Doctoral Research Committee of Life Sciences was placed before the School Board of School of Sciences for consideration and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the Minutes of Meeting of the Doctoral Research Committee of Life Sciences held on 2 <sup>nd</sup> April 2024.	
<b>SB 76.10</b>	<b>To consider and approve agenda items pertaining to the Discipline of Mathematics</b>		
	<b>SB 76.10.1</b>	<b>To consider and approve the Minutes of the 9<sup>th</sup> DRC meeting of Mathematics Discipline held on 5<sup>th</sup> March 2024.</b>	<b>SB 76.10.1</b>
	<b>Matter for Discussion</b>	The 9 <sup>th</sup> DRC meeting of Mathematics Discipline was held on 5 <sup>th</sup> March, 2024 at 12:00 noon in the Conference Room, Block-D, School of Sciences, IGNOU. The following agenda were discussed: i) To review the progress reports of three students for the period July, 2023 – December, 2023. The reports were found satisfactory. ii) The committee also considered the case of non-submission of progress report, for the period July, 2023 – December, 2023 by one student, Md. Saiful Islam (Enr. No.: 210270372), and his subsequent request for continuing with the Ph.D. (Mathematics) programme. The Minutes of the 9 <sup>th</sup> DRC meeting of Mathematics Discipline were placed before the School Board for consideration and approval.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the Minutes of Meeting of the 9 <sup>th</sup> Doctoral Committee meeting of Mathematics Discipline held on 5 <sup>th</sup> March 2024.	
	<b>SB 76.10.2</b>	<b>To consider and approve the Programme Development Form (PDF) and Project Proposal Report (PPR) of the programme B.Sc. (Honours) in Mathematics under FYUP scheme.</b>	<b>SB 76.10.2.1 SB 76.10.2.2</b>
	<b>Matter for Discussion</b>	The Mathematics Discipline Group proposes to offer a Four-year B.Sc. (Honours) in Mathematics under FYUP scheme. The Programme Proposal Form (PPF) for the same has been approved in the 74 <sup>th</sup> meeting of School Board of School of Sciences held on 19 <sup>th</sup> October, 2023 and subsequently approved in 69 <sup>th</sup> Meeting of Academic Programme Committee held on 17 <sup>th</sup> November, 2023. Further, an expert committee meeting was held on 31 <sup>st</sup> October, 2023 to design the course structure for the discipline specific courses. The Minutes got approved in 75 <sup>th</sup> meeting of School Board of School of Sciences held	

		on 8 <sup>th</sup> November 2023. The Programme Development Form (PDF) and Project Proposal Report (PPR) of B.Sc. (Honours) in Mathematics under FYUP scheme with multiple exits was placed before the School Board of School of Sciences for its consideration and approval.	
	<b>Decision of SB</b>	The School Board of the School of Sciences after detailed deliberations considered and recommended the Programme Development Form (PDF) and Programme Project Report (PPR) of B. Sc. (Honours) in Mathematics under FYUP Scheme for further approval in the Academic Council Standing Committee/Academic Council. The School Board decided that the Discipline Specific Courses-minor course will be from disciplines of Biochemistry, Chemistry, Geography, Geology, Life Sciences, Physics and Statistics. Further, the Minutes of Expert committee meeting of Mathematics discipline held on 31 <sup>st</sup> October 2023 were approved in the 75 <sup>th</sup> School Board of School of Sciences, wherein no such restriction was put for the minor courses. Moreover, the External member of School Board from Mathematics discipline also emphasized that minor courses should be left open.	
	<b>SB 76.10.3</b>	<b>To consider and recommend the revised list of Members of Moderation Board for the courses: MMT-002 (Linear Algebra), MMT-003 (Algebra), MMT-005 (Complex Analysis), MMT-006 (Functional Analysis), MMT-007 (Differential Equations and Numerical Solutions), MMT-007(P) (Differential Equations and Numerical Solutions) and MMT-009 (Mathematics Modeling) of the M.Sc. (MACS) programme.</b>	<b>SB 76.10.3</b>
	<b>Matter for Discussion</b>	The Discipline of Mathematics has proposed the revised list of Members of Moderation Board for the courses: MMT-002 (Linear Algebra), MMT-003 (Algebra), MMT-005 (Complex Analysis), MMT-006 (Functional Analysis), MMT-007 (Differential Equations and Numerical Solutions), MMT-007(P) (Differential Equations and Numerical Solutions) and MMT-009 (Mathematics Modeling) of the M.Sc. (MACS) programme were placed before the School Board for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the revised list of Members of Moderation Board for mathematics courses of the M.Sc. (MACS) programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.10.4</b>	<b>To consider and recommend the updated list of Members of Moderation Board for the courses BMTC-132 (Differential Equations) of the BSCG-CBCS programme.</b>	<b>SB 76.10.4</b>
	<b>Matter for Discussion</b>	The Discipline of Mathematics has proposed the updated list of Members of Moderation Board for the course: BMTC-132 (Differential Equations). The list was placed	

		before the School Board for its consideration and recommendation	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the updated list of Members of Moderation Board for mathematics courses of BSC-CBCS programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.10.5</b>	<b>To consider and recommend the updated list of moderators for the courses MTE-08 (Differential Equations) and MTE-14 (Mathematical Modelling) of the BDP programme.</b>	<b>SB 76.10.5</b>
	<b>Matter for Discussion</b>	The Discipline of Mathematics has proposed the updated list of Members of Moderation Board for the course: MTE-08 (Differential Equations) and MTE-14 (Mathematical Modelling) of the BDP programme. The agenda was placed before the School Board for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the updated list of Members of Moderation Board for mathematics courses of the BDP programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.10.6</b>	<b>To consider and approve the name of translator for all Mathematics courses.</b>	
	<b>Matter for Discussion</b>	The name of translator is as follows: Dr. Kushagra Krishnan Research Associate Jawaharlal Nehru University, New Delhi-110067 Email: krishnan.kushagra@gmail.com Ph.No.: 9415696156	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the name of translator and recommended the same to be included in the common pool for all programmes.	
	<b>SB 76.10.7</b>	<b>To consider and recommend the additional list of project evaluators for the course MMTP-001 (Project) of the M.Sc. (MACS) programme.</b>	<b>SB 76.10.7</b>
	<b>Matter for Discussion</b>	The Discipline of Mathematics has proposed the additional list of project evaluators for the course MMTP-001 (Project) of the M.Sc. (MACS) programme. The list was placed before the School Board for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional list of project evaluators for the course MMTP-001 (Project) of the M.Sc. (MACS) programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.10.8</b>	<b>To consider and recommend the names of Editors for the course 'Introduction to Probability and Statistics' (BMTC-101) and 'Multivariable Calculus' (BMTC-102)</b>	

		<b>of the B.Sc. (Honours) Mathematics programme under FYUP.</b>	
	<b>Matter for Discussion</b>	<p>The names of editors are as follows:</p> <p><b>BMTC-101 (Introduction to Probability and Statistics)</b></p> <p>1. Dr. V. K. Singh (Retd.) Department of Statistics Banaras Hindu University, Varanasi Res.: W3-403, Life Style Homes, Vatika India next, Sector 83, Gurugram (HR) Mob.: 9415343034 Email: <a href="mailto:vijay_usha_2000@yahoo.com">vijay_usha_2000@yahoo.com</a></p> <p>2. Dr. Sunita Gupta (Retd.) Lady Sri Ram College, University of Delhi, Delhi Res.: Flat No. 11-C, Pocket A-9, Gomti Apartments, DDA flats, Kalkaji Extension, New Delhi -110019 Mob.: 9871608909, 7011697840</p> <p><b>BMTC-102 (Multivariable Calculus)</b></p> <p>1. Dr. Asha Mathur (Retd.) Associate Professor Lady Shri Ram College For Women Lajpat Nagar, New Delhi Res.: C-338, Sarita Vihar New Delhi Ph.No.: 9013856624 Email: <a href="mailto:dr_amathur@yahoo.co.in">dr_amathur@yahoo.co.in</a></p> <p>2. Dr. Vinaykumar Vishwanth Acharya Associate Professor Department of Mathematics, Fergusson College, Pune, Maharashtra Email: <a href="mailto:vvacharya@despune.org">vvacharya@despune.org</a> Mob.: 9225340934</p>	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the names of editors for the mathematics courses of B.Sc. (Honours) Mathematics programme under FYUP and recommended the same for the approval of the Competent Authority.	
<b>SB 76.11</b>	<b>To consider and approve agenda items pertaining to the Discipline of Physics</b>		
	<b>SB 76.11.1</b>	<b>To consider and recommend the list of Course Writers for the course: Nuclear and Particle Physics (MPH-017) of the M.Sc. (Physics) Programme</b>	<b>SB 76.11.1</b>
	<b>Matter for Discussion</b>	The PDF and PPR for the M.Sc. (Physics) Programme were approved in the 77 <sup>th</sup> meeting of the Academic Council of the Indira Gandhi National Open University on December 28, 2021. The Programme launch Form (PLF) was approved in the 67 <sup>th</sup> meeting of the Academic Programme Committee held on June 1, 2023 and the programme has been on offer from the July, 2023 cycle of	

		admissions. Course writers have earlier been approved for the M. Sc. (Physics) programme in the 68 <sup>th</sup> , 70 <sup>th</sup> 71 <sup>st</sup> and 72 <sup>nd</sup> Meetings of the School Board of School of Sciences. However, some course writers have conveyed their inability to complete the course writing work in a time-bound fashion. Hence the names of course writers for the course Nuclear and Particle Physics (MPH-017) of the M.Sc. (Physics) Programme was placed before the School Board for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the names of course writers for the physics courses of M.Sc. (Physics) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.11.2</b>	<b>To consider and recommend the list of names of Editors for the course: Nuclear and Particle Physics (MPH-017) of the M.Sc. (Physics) Programme.</b>	<b>SB 76.11.2</b>
	<b>Matter for Discussion</b>	The PDF and PPR for the M.Sc. (Physics) Programme were approved in the 77 <sup>th</sup> meeting of the Academic Council of the Indira Gandhi National Open University on December 28, 2021. The Programme launch Form (PLF) was approved in the 67 <sup>th</sup> meeting of the Academic Programme Committee held on June 1, 2023 and the programme has been on offer from the July, 2023 cycle of admissions. The names Editors for the course Nuclear and Particle Physics (MPH-017) of the M.Sc. (Physics) Programme was placed before the School Board for its kind consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the names of editors for the physics courses of M.Sc. (Physics) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.11.3</b>	<b>To consider and recommend the lists of Paper setters, Members of Moderation Board and Evaluators for the courses of first and second semester of the M.Sc. (Physics) Programme: MPH-001 (Mathematical Methods in Physics), MPH-002 (Classical Mechanics I), MPH-003 (Electromagnetic Theory), MPH-004 (Quantum Mechanics I), MPH-005 (Electronics), MPH-006 (Classical Mechanics II), MPH-007 (Classical Electrodynamics) and MPH-008 (Quantum Mechanics II)</b>	<b>SB 76.11.3.1 SB 76.11.3.2 SB 76.11.3.3</b>
	<b>Matter for Discussion</b>	The M.Sc. (Physics) programme has been on offer from the July, 2023 cycle of admissions and the Term –End Examinations will be held for the first time in June 2024. The lists of paper setters, Member of Moderation Board and evaluators for the theory courses of first and second semesters of the M.Sc. (Physics) Programme MPH-001 (Mathematical Methods in Physics), MPH-002 (Classical Mechanics I), MPH-003 (Electromagnetic Theory), MPH-004 (Quantum Mechanics I), MPH-005 (Electronics), MPH-	

		006 (Classical Mechanics II), MPH-007 (Classical Electrodynamics) and MPH-008 (Quantum Mechanics II) were placed before the School Board for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the lists of Paper setters, Members of Moderation Board and Evaluators for the courses of first and second semester of the M.Sc. (Physics) Programme and recommended the same for the approval of the Competent Authority.	
<b>SB 76.12</b>	<b>To consider and approve agenda items pertaining to the <u>Discipline of Statistics</u></b>		
	<b>SB 76.12.1</b>	<b>To consider and approve the Minutes of the meeting of 27<sup>th</sup> and 28<sup>th</sup> Doctoral Committee in Statistics held on March 18 2024 (forenoon and afternoon).</b>	<b>SB 76.12.1.1 SB 76.12.1.2</b>
	<b>Matter for Discussion</b>	<p>A meeting of the 27<sup>th</sup> Doctoral Committee in Statistics was held on March 18, 2024 (forenoon) at School of Sciences, Raman Bhawan IGNOU. The agenda of the meeting was to:</p> <ul style="list-style-type: none"> <li>To review six- monthly progress reports of the Four research scholars registered in the Ph.D. (Statistics) programme for the period July to December 2023. The Doctoral Committee found their progress to be satisfactory during the period under consideration.</li> </ul> <p>A meeting of the 28<sup>th</sup> Doctoral Committee in Statistics was held on March 18, 2024 (afternoon) at School of Sciences, Raman Bhawan IGNOU. The agenda of the meeting was to:</p> <ul style="list-style-type: none"> <li>To review the six-monthly progress reports of two research scholars registered in the Ph.D. (Statistics) programme for the period July to December 2023. The Doctoral Committee found their progress to be satisfactory during the period under consideration.</li> </ul> <p>The Minutes of the 27<sup>th</sup> and 28<sup>th</sup> Doctoral Committee meetings of statistics discipline were placed before the School Board of School of Sciences for its consideration and approval.</p>	
	<b>Decision of SB</b>	The School Board of School of Sciences considered and approved the Minutes of Meeting of the 27 <sup>th</sup> and 28 <sup>th</sup> Doctoral Committee in Statistics held on March 18 2024 (forenoon and afternoon).	
	<b>SB 76.12.2</b>	<b>To consider and recommend the additional names of Course Writer for one Lab course: MSTL-012: Statistical Computing using R-II of M.Sc. (Applied Statistics) programme.</b>	<b>SB 76.12.2</b>
	<b>Matter for Discussion</b>	The M.Sc. (Statistics) Programme is on offer from July 2023 cycle. The list of additional names of the Course Writer for the Lab course MSTL-012: Statistical Computing using R-II of the M.Sc. (Applied Statistics) programme was placed before the School Board of School of Sciences for its consideration and recommendation.	

	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional names of course writers for the statistics courses of M.Sc. (Applied Statistics) Programme and recommended the same for the approval of the Competent Authority.	
	<b>SB 76.12.3</b>	<b>To consider and recommend the additional names of Course Editors for one lab course: MSTL-012: Statistical Computing using R-II of M.Sc. (Applied Statistics) programme.</b>	<b>SB 76.12.3</b>
	<b>Matter for Discussion</b>	The M.Sc. (Statistics) Programme is on offer from July 2023 cycle. The list of additional names of the Course Editors for the lab course MSTL-012: Statistical Computing using R-II of the M.Sc. (Applied Statistics) programme was placed before the School Board of School of Sciences for its consideration and recommendation.	
	<b>Decision of SB</b>	The School Board of School of Sciences considered the additional names of course editors for the statistics courses of M.Sc. (Applied Statistics) Programme and recommended the same for the approval of the Competent Authority	

The meeting ended with thanks to the Chair.

  
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**(Prof. Meenal Mishra)  
Chairperson**