

The meeting of School Board of School of Sciences was held on 24th May 2023 in the Conference Room of Raman Bhawan, School of Sciences at 11.00 am. The following members were present:

1.	Prof. Meenal Mishra	Chairperson
2.	Prof. Ashok Kumar Mishra	External Member
3.	Prof. V.K. Singh	External Member
4.	Prof. Kaushal Kumar Sharma	External Member
5.	Dr. Sunita Joshi	External Member
6.	Prof. P.V.K. Sasidhar	Member (Other School)
7.	Dr. Soniya	Member (Other School)
8.	Dr. Mohd. Saleem	Member (Other School)
9.	Prof. Sunita Malhotra	Member
10.	Prof. Bharat Inder Fozdar	Member
11.	Prof. Neera Kapoor	Member
12.	Prof. S.R. Jha	Member
13.	Prof. Sanjiv Kumar	Member
14.	Prof. Lalita S. Kumar	Member
15.	Prof. Shubha Gokhale	Member
16.	Prof. Sanjay Gupta	Member
17.	Prof. Kamalika Banerjee	Member
18.	Prof. Benidhar Deshmukh	Member
19.	Prof. Subhakanta Mohapatra	Member
20.	Prof. Manish Trivedi	Member
21.	Prof. Deepika	Member
22.	Prof. R. Baskar	Member
23.	Prof. Parvesh Bubber	Member
24.	Prof. Aryadeep Roy Choudhury	Member
25.	Dr. Siya Ram	Member
26.	Dr. Arvind Kumar Shakya	Member
27.	Dr. M. Prashanth	Member
28.	Dr. Pawan Kumar	Member
29.	Dr. Satya Raj	Member
30.	Dr. M. Boazbou Newmai	Member
31.	Dr. Gajraj Singh	Member

Prof. Neeta Sehgal, University of Delhi, Prof. Rashmi Sinha, SOSS and Prof. Sujatha Varma and Prof. Vijay Kumar Baraik from SOS 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. Ashok Kumar Mishra, IIT Madras, Prof. V.K. Singh, Retired from BHU, Varanasi, Prof. Kaushal Kumar Sharma, JNU, Delhi and Dr. Sunita Joshi, Daulat Ram College, Delhi University. She further welcomed the nominated Faculty members from other Schools of IGNOU, namely, Prof. P.V.K. Sasidhar, SEDS, Dr. Soniya, SOH, Dr. Mohd. Saleem, SOFL under Clause (2) (d) of the Statute 10A. The Chairperson thankfully acknowledged the contributions of Prof. M. S. Nathawat, outgoing member from SOS.

She further welcomed the internal members as per Clause (2) (c) of Statute 10A namely Dr. Siya Ram (Life Science), Dr. Arvind Kumar Shakya (Biochemistry), Dr. Satya Raj (Geography), Dr. M. Prashanth (Geology), Dr. Pawan Kumar (Mathematics), Dr. M. Boazbou Newmai (Physics), Dr. Gajraj Singh (Statistics). The Chairperson informed the School Board members that the last School Board meeting was held on 28th March 2023 and the minutes were circulated on 14th April 2023. With this introduction, the School Board transacted the following agenda:

Agenda No.	Sub Agenda	Agenda	Annexure
SB 72.1		To consider and approve Minutes of 71st Meeting of School Board of School of Sciences held on 28th March, 2023 and the Action Taken Report on the Minutes.	SB 72.1.1 SB 72.1.2
	Matter for Discussion	The Chairperson informed the Board that the Minutes of 71 st Meeting of School Board of School of Sciences held on 28 th March, 2023 were circulated to all the members and no comments were received. The Chairperson proposed that the Minutes be approved.	
	Decision of SB	The School Board approved the Minutes of the 71 st School Board Meeting and also took note of the Action Taken Report.	
SB 72.2		Matters arising out of the Minutes of 71st meeting of the School Board.	
	Matter for Discussion	Matters arising from the Minutes.	
	Decision of SB	The following matter arising out of the Minutes was taken up: One member of the School Board raised issue on offering the of Bridge Course to the prospective PGDGI learners for lateral entry. Chairperson read out the issues raised and informed the Board that all the queries raised by the School Board member were	

		discussed and answered in 71 st meeting of the School Board by the concerned programme coordinators. In the light of this, decision of the School Board remains unchanged.	
SB 72.3	To consider and approve agenda items pertaining to the <u>Discipline of Biochemistry.</u>		
	SB 72.3.1	To consider and approve the Minutes of 30th Doctoral Research Committee meeting of Biochemistry Discipline held on 27th April 2023	SB 72.3.1
	Matter for Discussion	A meeting of the 30 th Doctoral Research Committee meeting of Biochemistry was held on 27 th April 2023 to consider and approve the following items: i) To consider and approve the Pre-Ph.D. thesis submission seminar of Ms. Deena Prakash ii) To consider and approve the synopsis and title of thesis of Ms. Renu Bhasin. iii) To allot the supervisor/s for Ms. Renu Bhasin The minutes of the Doctoral Research Committee were placed before the School Board for its consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered and approved the Minutes of 30 th Meeting of the Doctoral Research Committee of Biochemistry held on 27 th April 2023.	
	SB 72.3.2	To consider and recommend the consolidated list of Experts for Doctoral Research Committee of Biochemistry Discipline for PHDBC programme	SB 72.3.2
	Matter for Discussion	The Biochemistry Discipline is offering Ph.D (Biochemistry) programme in since 2012. The consolidated list of experts for the Doctoral Research Committee of Biochemistry was placed before the 72 nd School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered and recommended the consolidated list of Experts for Doctoral Research Committee of Discipline of Biochemistry for PHDBC programme	
	SB 72.3.3	To consider and recommend the consolidated list of paper setters, members of moderation board and evaluators for the courses: BBCCT-107, BBCCT-113 and BBCCT-127 of B.Sc. (Hons) Biochemistry (BSCBCH) Programme	SB 72.3.3
	Matter for	A consolidated list of paper setters, members of moderation	

	Discussion	board and evaluators for the courses: BBCCT-107 (Enzymes), BBCCT-113 (Metabolism of Amino Acids and Nucleotides), and BBCCT-127 (Immunology) of B.Sc. (Hons.) Biochemistry (BSCBCH) programme were placed before the 72 nd School Board of School of Sciences for consideration and recommendation.													
	Decision of SB	The School Board of School of Sciences considered the consolidated list of paper setters, members of moderation board and evaluators for B.Sc. (Hons) Biochemistry (BSCBCH) programme and recommended the same for the approval of the Competent Authority.													
	SB 72.3.4	To consider and approve the list of examiners for the evaluation of Ph.D. Thesis of Ms. Divya Bisht (Enrollment No.179342230) registered in the Ph.D. Biochemistry Programme	Confidential cover												
	Matter for Discussion	<p>The details of Ms. Divya Bisht (Enrollment No. 179342230) enrolled in Ph.D. (Biochemistry) programme are as follows:</p> <table border="1" data-bbox="475 1010 1327 2031"> <tr> <td data-bbox="475 1010 799 1055">Name</td> <td data-bbox="799 1010 1327 1055">Divya Bisht</td> </tr> <tr> <td data-bbox="475 1055 799 1099">Enrolment Number</td> <td data-bbox="799 1055 1327 1099">179342230</td> </tr> <tr> <td data-bbox="475 1099 799 1144">Date of Registration</td> <td data-bbox="799 1099 1327 1144">27/12/2017 (Dec, 2017 cycle)</td> </tr> <tr> <td data-bbox="475 1144 799 1301">Research Topic</td> <td data-bbox="799 1144 1327 1301">Protective effect of <i>Polyalthia longifolia</i> extract against drug induced nephrotoxicity in <i>in vitro</i> and <i>in vivo</i> model</td> </tr> <tr> <td data-bbox="475 1301 799 1626">Name(s) of Supervisor (s)</td> <td data-bbox="799 1301 1327 1626">1. Dr. Arvind K Shakya, Assistant Professor, Biochemistry Discipline, School of Sciences, IGNOU, New Delhi and 2. Dr. Ramesh Kumar, Associate Professor, Department of Biochemistry, Bundelkhand University, Jhansi.</td> </tr> <tr> <td data-bbox="475 1626 799 2031">Number(s) of Paper Publication and Details</td> <td data-bbox="799 1626 1327 2031">Divya Bisht, Deena Prakash, Deepa Yadav, Arvind Kumar Shakya*, Ramesh Kumar, Sadhana Shrivastava, Sangeeta Shukla. <i>In vitro</i> antioxidant and nephroprotective properties of <i>Polyalthia longifolia</i>: A traditional medicinal plant. - International Journal of Ayurvedic Medicine, 2023;15;(2),</td> </tr> </table>	Name	Divya Bisht	Enrolment Number	179342230	Date of Registration	27/12/2017 (Dec, 2017 cycle)	Research Topic	Protective effect of <i>Polyalthia longifolia</i> extract against drug induced nephrotoxicity in <i>in vitro</i> and <i>in vivo</i> model	Name(s) of Supervisor (s)	1. Dr. Arvind K Shakya, Assistant Professor, Biochemistry Discipline, School of Sciences, IGNOU, New Delhi and 2. Dr. Ramesh Kumar, Associate Professor, Department of Biochemistry, Bundelkhand University, Jhansi.	Number(s) of Paper Publication and Details	Divya Bisht, Deena Prakash, Deepa Yadav, Arvind Kumar Shakya*, Ramesh Kumar, Sadhana Shrivastava, Sangeeta Shukla. <i>In vitro</i> antioxidant and nephroprotective properties of <i>Polyalthia longifolia</i> : A traditional medicinal plant. - International Journal of Ayurvedic Medicine, 2023;15;(2),	
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		Accepted on 18.05.2023	
	Presentation of papers in seminars/conferences:	<p>1. Participated and presented a research paper on the topic "In Vitro Antioxidant and nephroprotective assessment of Polyalthia longifolia leaf extract" at "International E-Conference 2022 on Recent Advancements in Chemical Sciences: Health, Environment and Society" organized by Department of Chemistry, Deshbandhu College, University of Delhi, India held on 8 th - 9 th April, 2022</p> <p>2. Participated and presented a research paper on the topic "Nephroprotective effect of Polyalthialongifolia against cisplatin induced toxicity: In vitro and In vivo approach & quot; in International Conference on 'New Paradigms in Pharmaceutical Research and Development 2023 organized by Institute of Pharmacy, Bundelkhand University, Jhansi, India held on 27 th -28 th February, 2023.</p>	
	Date of Pre-PhD thesis Presentation	Tentatively in July, 2023	
		The list of Experts for Evaluation of Thesis was provided in a Confidential Cover for approval of the School Board of School of Sciences.	
	Decision of SB	The list of Examiners for evaluation of thesis of Ms. Divya Bisht (Enrolment No.179342230) 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 Pre-PhD thesis Presentation and approval of School Board Minutes.	
	SB 72.3.5	To consider and recommend the consolidated list of paper setters and evaluators for the courses BBCCT-109 and BBCET-143 of BSCBCH Programme. The programme is on offer since July 2020.	SB 72.3.5

	Matter for Discussion	A consolidated list of names of paper setters and evaluators for the courses BBCCT-109 (Metabolism of carbohydrates and Lipids), and BBCET-143 (Basic Microbiology) of BSCBCH (B.Sc. Hons.) Biochemistry programme were placed before the School Board of School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the consolidated list of names of paper setters and evaluators for BBCCT-109 (Metabolism of carbohydrates and Lipids), and BBCET-143 (Basic Microbiology) courses of B.Sc. (Hons) Biochemistry (BSCBCH) programme and recommended the same for the approval of the Competent Authority.	
	SB 72.3.6	To consider and recommend the consolidated list of members of moderation board for the course BBCET-143 of BSCBCH Programme.	SB 72.3.6
	Matter for Discussion	A consolidated list of the members of moderation board for the course BBCET-143 (Basic Microbiology) of B.Sc. (Hons) Biochemistry (BSCBCH) programme was placed before the School Board of School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the consolidated list of members of moderation board for BBCET-143 (Basic Microbiology) courses of B.Sc. (Hons) Biochemistry (BSCBCH) programme and recommended the same for the approval of the Competent Authority	
SB 72.4	To consider and approve agenda items pertaining to the <u>Discipline of Chemistry</u>		
	SB 72.4.1	To consider and recommend the additional names of Members of Moderation Board for the courses: BCHCT-131, BCHCT-135 of BSCG Programme and course MCH-002 of PGDAC Programme	SB 72.4.1.1 SB 72.4.1.2 SB 72.4.1.3
	Matter for Discussion	The additional names of Members of Moderation Board for the courses: BCHCT-131, BCHCT-135 of BSCG Programme and course MCH-002 of PGDAC Programme were placed before the 72 nd School Board of School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional names of Members of Moderation Board for the courses: BCHCT-131, BCHCT-135 of BSCG Programme and course MCH-002 of PGDAC programme and recommended the same for the approval of the Competent Authority	

	SB 72.4.2	To consider and recommend the names of additional paper setters and evaluators for the BSCG Course of Chemistry, BCHET-141: Analytical Methods in Chemistry	SB 72.4.2
	Matter for Discussion	The discipline of chemistry had proposed the additional lists of paper setters and evaluators for the BSCG Course of Chemistry, BCHET-141: Analytical Methods in Chemistry.	
	Decision of SB	The School Board of School of Sciences considered the additional lists of paper setters and evaluators for the BSCG Course of Chemistry, BCHET-141: Analytical Methods in Chemistry and recommended the same for the approval of the Competent Authority	
	SB 72.4.3	To consider and recommend the names of paper Setters, evaluators and moderators for the 'Laboratory Management Skills' Course (BCHS-183) of BAG and BSCG Programmes	SB 72.4.3
	Matter for Discussion	The course coordinators of BCHS-183 'Laboratory Management Skills' had proposed lists of paper setters, evaluators and moderators for the 'Laboratory Management Skills' Course (BCHS-183) of BAG and BSCG Programmes are enclosed.	
	Decision of SB	The School Board of School of Sciences considered the proposed lists of paper setters, evaluators and moderators for the 'Laboratory Management Skills' Course (BCHS-183) of B.A.(G) and BSCG Programmes and recommended the same for the approval of the Competent Authority	
	SB 72.4.4	To consider and recommend the additional paper setters and evaluators for the Spectroscopic names of Methods Course (MCH-003) of the PGDAC Programme	SB 72.4.4
	Matter for Discussion	The Chemistry discipline had proposed the additional names of paper setters and evaluators for the Spectroscopic Methods Course (MCH-003) of the PGDAC Programme	
	Decision of SB	The School Board of School of Sciences considered the additional names of paper setters and evaluators for the Spectroscopic Methods Course (MCH-003) of the PGDAC Programme and recommended the same for the approval of the Competent Authority	
	SB 72.4.5	To consider and recommend the additional names of paper setters and evaluators for the Electroanalytical and Other Methods Course (MCH-004) of the PGDAC Programme	SB 72.4.5
	Matter for Discussion	The discipline of chemistry had proposed additional lists of paper setters and evaluators for the Electroanalytical and Other Methods Course (MCH-004) of the PGDAC Programme	

	Decision of SB	The School Board of School of Sciences considered the additional lists of paper setters and evaluators for the Electroanalytical and Other Methods Course (MCH-004) of the PGDAC Programme and recommended the same for the approval of the Competent Authority									
SB 72.5	To consider and approve agenda items pertaining to the <u>Discipline of Geography.</u>										
	SB 72.5.1	To consider and approve the Minutes of the 70th Meeting of the Doctoral Research Committee of Geography Discipline held on May 11, 2023	SB 72.5.1								
	Matter for Discussion	<p>The 70th Doctoral Research Committee of Geography Discipline was held on May 11, 2023. The following agenda was discussed in the meeting:</p> <p>i) To consider and approve the allotment of Research Supervisor for Md. Himayoon Hassan (Enrollment no. 179342294 July, 2017, Admission Cycle) research scholar enrolled in Ph. D. (Geography) Programme due to superannuation of Prof. M.S. Nathawat.</p> <p>The minutes of the Doctoral Research Committee Meeting were placed before the 72nd School Board of School of Sciences for consideration and approval.</p>									
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of 70 th Meeting of the Doctoral Research Committee of Geography held on 11 th May 2023.									
	SB 72.5.2	To consider and recommend the additional name of Course Writer of the course titled "Methods of Geographical Analysis: Quantitative and Qualitative" (MGGL-002)" of M.Sc. (Geography) Programme									
	Matter for Discussion	<p>The course coordinators had proposed the additional name of course writer for the course "Methods of Geographical Analysis: Quantitative and Qualitative" (MGGL-002)" of M.Sc. (Geography) Programme as detailed below:</p> <table border="1" data-bbox="475 1765 1305 1883"> <thead> <tr> <th>S. No.</th> <th>Name of Course Writer</th> <th>Address</th> <th>Phone/Email</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	S. No.	Name of Course Writer	Address	Phone/Email					
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		<p>Prof. Ashis Sarkar (Retd.)</p> <p>Sumangal Bosepara, PO- Chandannagar Dist. Hoogly, West Bengal- 712136</p> <p>Ph. No. 9836552173</p> <p>email- profdrashis@gmail.com</p>	
		<p>The above agenda is placed before the 72nd School Board of School of Sciences for consideration and recommendation</p>	
	Decision of SB	<p>The School Board of School of Sciences considered the additional name of course writer for the course "Methods of Geographical Analysis: Quantitative and Qualitative" (MGGL-002)" of M.Sc. (Geography) Programme and recommended the same for the approval of the Competent Authority</p>	
	SB 72.5.3	<p>To consider and recommend the list of Members of the Moderation Board for the Core Courses of geography "Physical Geography", (BGGCT-131, first semester), Human Geography", (BGGCT-132, second semester), "General Cartography" (BGGCT-133, third semester), "Environmental Geography" (BGGCT-135, fourth semester), "Geography of India", (BGGET-141, fifth semester) and "Economic Geography", (BGGET-142, sixth semester) of BSCG Programme</p>	SB 72.5.3
	Matter for Discussion	<p>The lists of the Members of the Moderation Board for the Core and elective Courses of geography: "Physical Geography", (BGGCT-131, first semester), Human Geography", (BGGCT-132, second semester), "General Cartography" (BGGCT-133, third semester), "Environmental Geography" (BGGCT-135, fourth semester), "Geography of India", (BGGET-141, fifth semester) and "Economic Geography", (BGGET-142, sixth semester) of BSCG Programme were placed before the 72nd School Board of the School of Sciences for consideration and recommendation.</p>	
	Decision of SB	<p>The School Board of School of Sciences considered the lists of the Members of the Moderation Board for the Core and elective Courses of geography of BSCG Programme and recommended the same for the approval of the Competent Authority</p>	
SB 72.6	To consider and approve agenda items pertaining to <u>Discipline of Geology.</u>		
	SB 72.6.1	To consider and approve the Minutes of 67th Doctoral	SB 72.6.1

		Committee of Geology held on 9th May 2023 regarding Ph.D. Synopsis and thesis title of Kumari Arunima enrolled in Ph.D (Geology) programme													
	Matter for Discussion	67 th meeting of the Doctoral Committee of Geology was held on 09 th May 2023 with agenda item pertaining to consideration of synopsis of the scholar enrolled in PhD (Geology) Programme. The Doctoral Committee recommended synopsis and thesis title of the scholar Kumari Arunima (Enrolment No. 202494128). Minutes of the 67 th Doctoral Committee Meeting of Geology are enclosed. The agenda was placed before the 72 nd School Board of School of Sciences for its consideration and approval.													
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of 67 th Meeting of the Doctoral Research Committee of Geology held on 9 th May 2023.													
	SB 72.6.2	To consider and recommend the additional names of course editors for MGY-007 course "Applications of Geoinformatics" of M.Sc (Geoinformatics) programme													
	Matter for Discussion	The course coordinators had proposed the additional names of course editors for MGY-007 course "Applications of Geoinformatics" of M.Sc (Geoinformatics) programme as detailed below: <table border="1" data-bbox="475 1281 1289 1899"> <thead> <tr> <th>S. No</th> <th>Name of Course editor</th> <th>Address</th> <th>Phone/Email</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Amit Kumar Head</td> <td>Biotechnology Division CSIR- Institute of Himalayan Bioresource Technology, Palampur, H.P.</td> <td>9418039091 Email: amitkr@ihbts.in</td> </tr> <tr> <td>2</td> <td>Dr. L. K. Sinha (Retd) Ex. Director, DG & RE</td> <td>Res. Address: C- 183, Pocket 1, Kendriya Vihar, Sector 82, Noida 201304. Office: DRDO, Chandigarh</td> <td>09868105058 Email: sinha.lokesh61@gmail.com sinha_defence@yahoo.co.in</td> </tr> </tbody> </table>	S. No	Name of Course editor	Address	Phone/Email	1	Dr. Amit Kumar Head	Biotechnology Division CSIR- Institute of Himalayan Bioresource Technology, Palampur, H.P.	9418039091 Email: amitkr@ihbts.in	2	Dr. L. K. Sinha (Retd) Ex. Director, DG & RE	Res. Address: C- 183, Pocket 1, Kendriya Vihar, Sector 82, Noida 201304. Office: DRDO, Chandigarh	09868105058 Email: sinha.lokesh61@gmail.com sinha_defence@yahoo.co.in	
S. No	Name of Course editor	Address	Phone/Email												
1	Dr. Amit Kumar Head	Biotechnology Division CSIR- Institute of Himalayan Bioresource Technology, Palampur, H.P.	9418039091 Email: amitkr@ihbts.in												
2	Dr. L. K. Sinha (Retd) Ex. Director, DG & RE	Res. Address: C- 183, Pocket 1, Kendriya Vihar, Sector 82, Noida 201304. Office: DRDO, Chandigarh	09868105058 Email: sinha.lokesh61@gmail.com sinha_defence@yahoo.co.in												
	Decision of	The School Board of School of Sciences considered the													

	SB	additional names of course editor for the course MGY-007 "Applications of Geoinformatics" of M.Sc (Geoinformatics) programme and recommended the same for the approval of the Competent Authority	
	SB 72.6.3	To consider and approve the evaluation methodology for M.Sc. (Geoinformatics) programme	SB 72.6.3
	Matter for Discussion	The Programme Proposal Form (PPF) of M.Sc. Geoinformatics was approved in 61 st APC held on 20 th September, 2021 vide item no. APC 61.5.4. The Project Development Form (PDF) and Project Proposal Report (PPR) of the M.Sc. Geoinformatics (MSCGI) programme were approved in 69 th meeting of the School Board of School of Sciences held on 05 th April 2022 vide item no. SB 69.7.5. The same was later approved by the Academic Council's Standing Committee in its 57 th Meeting and confirmed in the 78 th meeting of the Academic Council. Programme Launch Form of the M.Sc. Geoinformatics (MSCGI) programme was approved in 71 st Meeting of the School Board of School of Sciences held on 28 th March 2023 vide item no. SB 71.6.7. The evaluation methodology of the MSCGI programme along with relevant annexures in the required format were placed before the 72 nd School Board for its consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered and approved the evaluation methodology of the M.Sc. Geoinformatics (MSCGI) programme	
	SB 72.6.4	To consider and recommend to put a hold on fresh admission in the Post Graduate Certificate in Geoinformatics (PGCGI) programme from July 2023 cycle	
	Matter for Discussion	Post Graduate Certificate in Geoinformatics (PGCGI) programme of six-months duration worth 16 credit developed by Geology Discipline of the School of Sciences is on offer since July 2014 admission cycle. Based on need survey, the programme has now been upgraded into a Post Graduate Diploma (worth 40 credits) and MSc (worth 80 credits) incorporating the features of NEP 2020. These two programmes have been designed in a modular fashion with options for multiple entry and exit. The PG Diploma programme (PGDGI) has been launched from January 2023 admission cycle and Programme Launch Form of the M.Sc. Geoinformatics (MSCGI) programme has been approved in 71 st	

		<p>Meeting of the School Board of School of Sciences held on 28th March 2023 vide item no. SB 71.6.7. The M.Sc. programme (MSCGI) is expected to be launched from July 2023 admission cycle subject to approvals.</p> <p>It is now proposed to put a hold on fresh admission in the PGCGI programme due to following reasons:</p> <ul style="list-style-type: none"> i) PGCGI programme is of 16 credits whereas the UGC recommends minimum 20 credits per semester, ii) its SLMs require updating as there have been various developments in some of the tools and techniques used, iii) the updated contents have been included as part of the first semester courses in the newly developed PG Diploma and MSc Geoinformatics programmes, and iv) in the newly developed PG Diploma in Geoinformatics (PGDGI) and MSc Geoinformatics (MSCGI) programmes, there is an option of exiting after successful completion of first semester and opting for a PG Certificate in Geoinformatics. <p>Considering the above, it is proposed to hold admission in the PGCGI programme w.e.f. July 2023 admission cycle till suitable mechanism is worked out.</p> <p>The proposal was placed before the 72nd School Board for its consideration and recommendation.</p>	
	<p>Decision of SB</p>	<p>After detailed deliberations on the agenda, the School Board recommended to on hold the admission in the PGCGI programme w.e.f. January 2024 admission cycle since admission to July 2023 has already commenced.</p> <p>Further the School Board suggested two mechanisms, either to revise the PGCGI programme or to charge admission fee to PGDGI programme semester wise.</p>	
<p>SB 72.7</p>	<p>To consider and approve agenda items pertaining to <u>Discipline of Life Sciences</u>.</p>		
	<p>SB 72.7.1</p>	<p>To consider and approve the Minutes of Doctoral Research Committee meeting of Life Sciences Discipline held on 10th May 2023</p>	<p>SB 72.7.1</p>
	<p>Matter for Discussion</p>	<p>A meeting of the Doctoral Research Committee meeting of Life Science was held on 10th May April 2023 to consider and approve the following items:</p> <ul style="list-style-type: none"> i) To consider and approve the name of Prof. Aryadeep Roy Choudhury. Discipline of Life Sciences as Ph.D. supervisor 	

		<p>to guide IGNOU students.</p> <p>ii) To consider and approve the Pre-Thesis seminar of two scholars of PHD (LS), Gunjan Sharma (Enrolment number 173101893) and Taranjeet Kaur (Enrolment number 173101901).</p> <p>iii) To consider and approve the withdrawal of registration of Ashutosh Verma from PHDLS programme.</p> <p>iv) To consider and approve the second mandatory seminar of one PHDLS scholar Rashmi Kumari (Enrolment number 173101926).</p> <p>The Minutes of the meeting of Doctoral Research Committee in Life Sciences held on 10th May 2023 were placed before the 72nd School Board for its consideration and approval.</p>	
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of the Doctoral Research Committee of Life Science held on 10 th May 2023.	
	SB 72.7.2	To consider and approve the Minutes of Doctoral Research Committee meeting of Life Sciences Discipline held on 11th May 2023	SB 72.3.2
	Matter for Discussion	<p>A meeting of the Doctoral Research Committee meeting of Life Science was held on 11th May April 2023 to consider and approve the following items:</p> <p>i) To consider and approve the synopses of three PHDLS scholars, Md. Shazad (Enrolment number 210270168), Pavitra Sharma (Enrolment number 210270365) and Abhishek Gupta (Enrolment number 210270340)</p> <p>ii) To consider and approve the first mandatory seminar of one student of PHDLS, Priyanka Rajput (Enrolment number 188500711)</p> <p>iii) To consider of six-monthly progress of 7 research scholars registered in Ph.D (Life Sciences) programme.</p> <p>The Minutes of the meeting of Doctoral Research Committee in Life Sciences held on 11th May 2023 were placed before the 72nd School Board for its consideration and approval.</p>	
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of the Doctoral Research Committee of Life Science held on 11 th May 2023.	
	SB 72.7.3	To consider and recommend the names of evaluators received from SED for Life Sciences Courses: BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137, BBYET-141,	SB 72.3.3

		BBYET-143, of BSCG programme and LSE-01, LSE-02, LSE-03, LSE-05 (Part II), LSE-06 (Part I), LSE-07 of BDP programme	
	Matter for Discussion	The discipline of Life Sciences has received the names of the Evaluators for different courses of BSCG programme and BDP programme from the SED. The names of the Evaluators received from the SED have been shortlisted along with the courses. The names of shortlisted evaluators for the courses BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137, BBYET-141, BBYET-143 of BSCG and LSE-01, LSE-02, LSE-03, LSE-05 (Part II), LSE-06 (Part I), LSE-07 of BDP programme received from the RSD. The above agenda item is placed before the School Board of School of Sciences for consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered the names of evaluators received from SED for Life Sciences courses BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137, BBYET-141, BBYET-143 of BSCG programme and LSE-01, LSE-02, LSE-03, LSE-05 (Part II), LSE-06 (Part I), LSE-07 of BDP programme and recommended the same for the approval of the Competent Authority	
SB 72.8	To consider and approve agenda Items pertaining to <u>Discipline of Mathematics</u>		
	SB 72.8.1	To consider and approve the list of paper setters, members of moderation board and evaluators for the course MMT-001 (Programming and Data Structures) of the M.Sc. (Mathematics with Applications in Computer Science) programme	SB 72.8.1
	Matter for Discussion	The proposed lists of paper setters, members of moderation board and evaluators of the course MMT-001 (Programming and Data Structures) of M.Sc. (Mathematics with Applications in Computer Science) were placed before the 72 nd School Board for its consideration and approval	
	Decision of SB	The School Board of School of Sciences considered the lists of paper setters, members of moderation board and evaluators of the course MMT-001 (Programming and Data Structures) of M.Sc. (Mathematics with Applications in Computer Science) and recommended the same for the approval of the Competent Authority	
SB 72.9	To consider and approve agenda Item pertaining to the <u>Discipline of</u>		

<u>Physics.</u>		
SB 72.9.1	To consider and approve the Programme Launch Form of M.Sc. (Physics) Programme.	SB 72.9.1
Matter for Discussion	<p>The Programme Proposal Form (PPF) for the M.Sc. (Physics) Programme was approved in the 61st Meeting of the Academic Programme Committee of the Planning Board on 20th September, 2021. The Programme Development Form (PDF) and the Programme Project Report (PPR) for the M.Sc. (Physics) Programme were approved in the 77th Meeting of the Academic Council on 28th December, 2021.</p> <p>The Physics Discipline proposed to launch the M.Sc. (Physics) Programme in July, 2023 Admission Cycle. The Programme Launch Form of M.Sc. (Physics) Programme was placed before the 72nd School Board of School of Sciences for its consideration and approval.</p>	
Decision of SB	The School Board deliberated on the Programme Launch Form (PLA) of the M.Sc. (Physics) programme and approved it for further consideration and approval of the Academic Programme Committee.	
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SB 72.9.2	To consider and approve the Evaluation Methodology for the M.Sc. (Physics) Programme.	SB 72.9.2
Matter for Discussion	<p>The Programme Development Form (PDF) and the Programme Project Report (PPR) for the M.Sc. (Physics) Programme were approved in the 77th meeting of the Academic Council of the Indira Gandhi National Open University on December 28, 2021. The Physics Discipline proposes to launch this Programme in July, 2023 Admission Cycle. The Evaluation Methodology for the M.Sc. (Physics) Programme was placed before the 72nd School Board of School of Sciences for its kind consideration and approval.</p>	
Decision of SB	The School Board of School of Sciences considered and approved the evaluation methodology of the M.Sc. (Physics) programme	
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SB 72.9.3	To consider and recommend the names of additional course writers for the M. Sc. (Physics) Programme	
Matter for Discussion	The PDF and PPR for the M.Sc. (Physics) Programme were approved in the 77 th meeting of the Academic Council of the Indira Gandhi National Open University on December 28, 2021. The Physics faculty is currently in the process of developing the	

		<p>programme. Course writers have earlier been approved for the M. Sc. (Physics) programme in the 68th, 70th and 71st 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 additional course writers and "Optics" for the 3rd Semester courses entitled "Statistical Mechanics" of the M.Sc. (Physics) Programme were placed before the 72nd School Board for its kind consideration and recommendation:</p> <p>Course Title: Statistical Mechanics Prof. Vandna Luthra Gargi College, University of Delhi, Delhi Mobile No: 9811794118 Email: vandna_arora@yahoo.com</p> <p align="center">Course Title: Optics</p> <table border="1" data-bbox="475 1025 1321 1541"> <tr> <td data-bbox="475 1025 695 1541">1. Dr. S M Tripathi Associate Professor Optics & Photonics Centre IIT, Delhi Tel: 7266881542 Email: tripathi.iit@gmail.com</td> <td data-bbox="695 1025 938 1541">2. Dr. Ritwick Das Associate Professor Deptt. of Physics IIT, Delhi Tel: 9556669952 Email: dasritwick@opc.iitd.ac.in</td> <td data-bbox="938 1025 1129 1541">3. Prof. Pushpa Bindal Kalindi College Univ. of Delhi Delhi Tel: 9910002669 Email: pushpabindal@kalindi.du.ac.in</td> <td data-bbox="1129 1025 1321 1541">4. Prof. Vandna Luthra Gargi College, University of Delhi, Delhi Tel: 9811794118 Email: vandna_arora@yahoo.com</td> </tr> </table>	1. Dr. S M Tripathi Associate Professor Optics & Photonics Centre IIT, Delhi Tel: 7266881542 Email: tripathi.iit@gmail.com	2. Dr. Ritwick Das Associate Professor Deptt. of Physics IIT, Delhi Tel: 9556669952 Email: dasritwick@opc.iitd.ac.in	3. Prof. Pushpa Bindal Kalindi College Univ. of Delhi Delhi Tel: 9910002669 Email: pushpabindal@kalindi.du.ac.in	4. Prof. Vandna Luthra Gargi College, University of Delhi, Delhi Tel: 9811794118 Email: vandna_arora@yahoo.com	
1. Dr. S M Tripathi Associate Professor Optics & Photonics Centre IIT, Delhi Tel: 7266881542 Email: tripathi.iit@gmail.com	2. Dr. Ritwick Das Associate Professor Deptt. of Physics IIT, Delhi Tel: 9556669952 Email: dasritwick@opc.iitd.ac.in	3. Prof. Pushpa Bindal Kalindi College Univ. of Delhi Delhi Tel: 9910002669 Email: pushpabindal@kalindi.du.ac.in	4. Prof. Vandna Luthra Gargi College, University of Delhi, Delhi Tel: 9811794118 Email: vandna_arora@yahoo.com				
	Decision of SB	The School Board of School of Sciences considered the additional names of course writers for the 3 rd Semester courses entitled "Statistical Mechanics" and "Optics" of the M.Sc. (Physics) Programme and recommended them for the approval of the Competent Authority.					
	SB 72.9.4	To consider and recommend the list of additional evaluators for the Physics Core and Elective Courses BPHCT-131, BPHCT-133, BPHCT-135, BPHCT-137, BPHET-141 and BPHET-143 of BSCG programme	SB 72.9.4				
	Matter for Discussion	Lists of Additional evaluators for the Physics core and elective courses BPHCT-131, BPHCT-133, BPHCT-135, BPHCT-137,					

		BPHET-141 and BPHET-143 of the BSCG programme were placed for consideration and recommendation of the School Board.	
	Decision of SB	The School Board of School of Sciences considered an additional list of evaluators for the Physics Core and Elective Courses of BSCG programme and recommended the same for the approval of the Competent Authority.	
SB 72.10	To consider and approve agenda Item pertaining to the <u>Discipline of Statistics.</u>		
	SB 72.10.1	To consider and approve the minutes of the 3rd Expert Committee meeting to finalise the evaluation methodology of theory and lab courses of M.Sc. (Applied Statistics) MSCAST programme	SB 72.10.1
	Matter for Discussion	<p>The 3rd Expert Committee meeting of MSCAST held on May 08, 2023 at 11.00 am in hybrid mode in the Conference Room, School of Sciences, IGNOU, New Delhi to discuss the following:</p> <ul style="list-style-type: none"> • Counselling sessions for all courses of MSCAST • Evaluation methodology for the theory courses of MSCAST • Evaluation methodology for the lab courses of MSCAST <p>The programme coordinators presented the detailed evaluation methodology of the theory and lab courses of MSCAST programme along with duration of counselling sessions before the Expert Committee members. After deliberation the Expert Committee approved the evaluation methodology of MSCAST programme.</p> <p>The minutes of the 3rd Expert Committee meeting of MSCAST and the evaluation methodology of the MSCAST programme along with relevant annexures in the required format were placed before the 72nd School Board of School of Sciences for consideration and approval.</p>	
	Decision of SB	The School Board members deliberated and approved the minutes of the 3 rd Expert Committee Meeting and the evaluation methodology of MSCAST programme	
	SB 72.10.2	To consider and approve the minutes of the 7th Expert Committee meeting to revise the evaluation methodology of the lab courses of PGDAST programme	SB 72.10.2.1 SB 72.10.2.2
	Matter for Discussion	7 th Expert Committee meeting was held on May 08, 2023 at 02.30 pm in hybrid mode in the Conference Room, School of	

		<p>Sciences, IGNOU, New Delhi to revise the evaluation methodology of the lab courses of PGDAST programme.</p> <p>The programme coordinator presented the revised evaluation methodology of the lab courses of PGDAST programme before the Expert Committee members. After deliberation Committee approved the proposed revised evaluation methodology of the programme.</p> <p>The Minutes of the 7th Expert Committee meeting of PGDAST and the evaluation methodology of the PGDAST programme along with relevant annexures in the required format were placed before the 72nd School Board of School of Sciences for consideration and approval.</p>	
	Decision of SB	The School Board members deliberated and approved the minutes of the 7 th Expert Committee Meeting and the evaluation methodology of PGDAST programme	
	SB 72.10.3	To consider and approve a list of additional names of Course Writers of 01 Theory Course (MSTE-011) of M.Sc. (Applied Statistics) programme	SB 72.10.3
	Matter for Discussion	A list of additional names of the Course Writer of 01 Theory Course MSTE-011: Operations Research of M.Sc. (Applied Statistics) programme were placed before the 72 nd School Board of School of Sciences for consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered an additional names of the Course Writers of 01 Theory Course MSTE-011: Operations Research of M.Sc. (Applied Statistics) programme and recommended the same for the approval of the Competent Authority.	
	SB 72.10.4	To consider and approve lists of additional names of Course Editors of 02 Theory courses (MST-012: Probability and Probability Distributions, MST-026: Introduction to Machine Learning) and 01 Lab Course (Course MSTL-015: Statistical Computing Using R-IV) of M.Sc. (Applied Statistics) programme	SB 72.10.4
	Matter for Discussion	The proposed lists of additional names of the Course Editors of 02 Theory Courses MST-012: Probability and Probability Distributions, MST-026: Introduction to Machine Learning and 01 Lab Course MSTL-015: Statistical Computing Using R-IV of M.Sc. (Applied Statistics) programme were placed before the 72 nd School Board of School of Sciences for consideration and approval.	

	Decision of SB	The School Board of School of Sciences considered the lists of additional names of the Course Editors of 02 Theory Courses and 01 Lab Course of M.Sc. (Applied Statistics) programme and recommended the same for the approval of the Competent Authority.	
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The meeting ended with thanks to the Chair.

Meenal Mishra
प्रो. मीनाल मिश्रा / Prof. Meenal Mishra
CHAIRPERSON AND DIRECTOR, SOS
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(Prof. Meenal Mishra)
Chairperson