

The meeting of School Board of School of Sciences was held on 28th March 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. Neeta Sahgal		External Member
4.	Prof. V.K. Singh		External Member
5.	Prof. Kaushal Kumar Sharma		External Member
6.	Dr. Sunita Joshi		External Member
7.	Prof. Rashmi Sinha	--	Member (Other School)
8.	Prof. P.V.K. Sasidhar	--	Member (Other School)
9.	Dr. Soniya	--	Member (Other School)
10.	Dr. Mohd. Saleem	--	Member (Other School)
11.	Prof. Sunita Malhotra	--	Member
12.	Prof. Sujatha Varma	--	Member
13.	Prof. Bharat Inder Fozdar	--	Member
14.	Prof. Neera Kapoor	--	Member
15.	Prof. S.R. Jha	--	Member
16.	Prof. Sanjiv Kumar	--	Member
17.	Prof. M.S. Nathawat	--	Member
18.	Prof. Lalita S. Kumar	--	Member
19.	Prof. Shubha Gokhale	--	Member
20.	Prof. Sanjay Gupta	--	Member
21.	Prof. Benidhar Deshmukh	--	Member
22.	Prof. Manish Trivedi	--	Member
23.	Prof. Deepika	--	Member
24.	Prof. Vijay Kumar Baraik	--	Member
25.	Prof. Parvesh Bubber	--	Member
26.	Prof. Aryadeep Roy Chaudhari	--	Member
27.	Dr. Arvind Kumar Shakya	--	Member
28.	Dr. M. Prashanth	--	Member
29.	Dr. Pawan Kumar	--	Member
30.	Dr. M. Boazbou Newmai	--	Member
31.	Dr. Gajraj Singh	--	Member

Prof. Kamalika Banerjee, Prof. Subhakanta Mohapatra, Prof. R. Baskar, Dr. Siya Ram and Dr. Satya Raj from School of Sciences, IGNOU 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 Examiners under Clause 2 (e) of the Statute 10 A, namely Prof. Ashok Kumar Mishra, IIT Madras, Prof. Neeta Sahgal, University of Delhi, 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 newly nominated Faculty members from other School of IGNOU, namely, Prof. Rashmi Sinha, SOSS, 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 the outgoing members namely Prof. S. Vijayashekhhar Reddy, SOSS, Prof. Neeti Agrawal, SOMS, Prof. Sutapa Bose, SOE and Dr. Mansi Sharma, SOL under Clause (2) (d) of the Statute 10A.

She further welcomed the newly nominated 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). She further acknowledged the contributions of the outgoing members namely Dr. Kakoli Gogoi (Geology), Dr. Rajesh Kaliraman (Statistics), Prof. Subhalakshmi Lamba (Physics) as per Clause (2) (c) of Statute 10A.

The Chairperson informed the members about the progress made by the School of Sciences since the last School Board meeting held on 2nd November 2022. She shared that School of Sciences had successfully accomplished the development of self-learning materials of BSc (General) programme, both in English and Hindi of various courses from 7 disciplines namely Chemistry, Botany, Geography, Geology, Mathematics, Physics and Zoology. Members were apprised of the progress in the course development work of BSc (Hons.) Biochemistry Programme. The Chairperson shared the information regarding the printing of the course material pertaining to these programmes. Further she informed members that the programme proposal, curriculum structure and syllabi of the MSc programmes in Geography, Geoinformatics, Physics, Chemistry, Statistics and Zoology had been approved by the statutory bodies and were expected to be launched in 2023-2024. The Chairperson shared the information regarding programmes on offer on GOAL Guyana project and e-Vidya Bharti. Further she also informed that about the monthly webinars conducted by the School on 22nd November 2022, National Mathematics Day (22nd December 2022) and also about the events and activities conducted in the month-long National Science Day celebrations in collaboration with NCIDE and RSD. The Chairperson also shared that the faculty had published 120 papers in peer reviewed journals and book chapters during the period of January 2022- December 2022.

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

Agenda No.	Sub Agenda	Agenda	Annexure
SB 71.1	To consider and approve Minutes of 70th Meeting of School Board of School of Sciences held on 2nd November, 2022 and the Action Taken Report on the Minutes.		SB 71.1.1 SB 71.1.2
	Matter for Discussion	The Chairperson informed the Board that the Minutes of 70 th Meeting of School Board of School of Sciences held on 2 nd November 2022 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 70 th School Board Meeting and also took note of the Action Taken Report.	
SB 71.2	Matters arising out of the Minutes of 70th meeting of the School		

Board.						
Matter for Discussion	Matters arising from the Minutes.					
Decision of SB	No matter was reported.					
SB 71.3	To consider and approve agenda items pertaining to the <u>Discipline of Biochemistry.</u>					
SB 71.3.1	To consider and approve the minutes of 27th and 28th Doctoral Research Committee meetings of Biochemistry Discipline held on 11th November 2022 and 6th February 2023 respectively.	SB 71.3.1.1 SB 71.3.1.2				
Matter for Discussion	<p>The 27th Meeting of Doctoral Research Committee in Biochemistry was conducted on November 11, 2022 for considering the following items:</p> <ol style="list-style-type: none"> i. To consider and review the six-monthly progress reports for the period January to June 2022 of two research scholars. ii. To consider the request for modification of the Research topic of Ph.D. Scholar, Ms. Ekta Singh (Enrol. No.198570549). iii. To consider and recommend the annual extension of IGNOU Women Research Fellowship of Ms. Ekta Singh (Enrol. No.198570549) iv. To consider and approve the Ph.D. synopsis and allotment of supervisors of Mayank Kumar Singh (Enrol. No. 202492661). <p>A meeting of the 28th Doctoral Research Committee meeting was held on February 6, 2023 to consider the following items:</p> <ol style="list-style-type: none"> i. Pre-Ph.D. thesis submission seminar of Mr. C. Sreenivasa Reddy (Enrol. No. 173101743). ii. To consider and approve the six-monthly progress reports for the period July to December 2022 of eight research scholars. <p>The minutes of the Doctoral Research Committee were placed before the School Board for its consideration and approval.</p>					
Decision of SB	The School Board of School of Sciences considered and approved the Minutes of 27 th and 28 th Meetings of the Doctoral Research Committee of Biochemistry held on November 11, 2022 and February 6, 2023.					
SB 71.3.2	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Mr. C. Sreenivasa Reddy (Enrolment No.173101743; January, 2017 cycle) Ph.D. research scholar, Discipline of Biochemistry.	Confidential cover				
Matter for Discussion	<p>The details of Mr. C. Sreenivasa Reddy (Enrolment No. 173101743) enrolled in Ph.D (Biochemistry) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>C. Sreenivasa Reddy</td> </tr> <tr> <td>Enrolment Number</td> <td>173101743 (January, 2017 cycle)</td> </tr> </table>	Name	C. Sreenivasa Reddy	Enrolment Number	173101743 (January, 2017 cycle)	
Name	C. Sreenivasa Reddy					
Enrolment Number	173101743 (January, 2017 cycle)					

		Date of Registration	03/05/2017	
		Research Topic	Effects of dietary chelated selenium supplementation on growth performance and biochemical changes in Japanese quails (<i>Coturnix coturnix japonica</i>)	
		Name(s) of Supervisor (s)	Dr. M. Abdul Kareem Discipline of Biochemistry School of Sciences, IGNOU Maidan Garhi, New Delhi-110068	
		Number(s) of Paper Publication and Details	Effect of selenium-enriched azolla on biochemical and growth Performance parameters in japanese quails (<i>coturnix coturnix japonica</i>), Broilers. <i>IJPSR</i> (2023), Volume 14, Issue 3, E-ISSN: 0975-8232; P-ISSN: 2320-5148	
		Presentation of papers in seminars/ conferences:	<ol style="list-style-type: none"> 1. Oral Presentation on "Alternative ways for producing chelated minerals and their significance in quails" in a national seminar held on 14th April, 2019 held at NTR Govt. Degree College (W), Mahabubnagar, Telangana. 2. Poster presentation on "Effect of selenium-enriched azolla on growth Performance parameters in japanese quails" in a two days national conference on 17th and 18th September, 2018 held at Osmania University, Hyderabad. 	
		The list of Examiners for Evaluation of Thesis was provided Confidential Cover for approval of the School Board of School of Sciences.		
	Decision of SB	The list of Examiners for evaluation of thesis of Mr. C. Sreenivasa Reddy (Enrolment No.173101743) 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.		
	SB 71.3.3	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Ms Deena Prakash (Enrolment No.173101768; January, 2017 cycle) Ph.D. research scholar, Discipline of Biochemistry.		Confidential cover
	Matter for	The details of Ms. Deena Prakash (Enrolment No.173101768)		

Discussion	enrolled in Ph.D (Biochemistry) programme are as follows:	
	Name	Ms. Deena Prakash
	Enrolment Number	173101768 (January, 2017 cycle)
	Date of Registration	03/05/2017
	Research Topic	Evaluation of antioxidant and hepatoprotective activity of <i>Selaginella bryopteris</i> (L.) in rat model.
	Name(s) of Supervisor (s)	1. Dr. Arvind K Shakya Assistant Professor, Biochemistry Discipline, School of Sciences IGNOU, New Delhi 2. Dr. Ramesh Kumar Associate Professor, Department of Biochemistry, Bundelkhand University, Jhansi
	Number(s) of Paper Publication and Details	<i>In vitro</i> investigation of phytochemicals, Antioxidant and Hepatoprotective activity of <i>Selaginella bryopteris</i> . <i>Arabian Journal of Medicinal and Aromatic Plants</i> . Accepted, January, 2023, volume 9, no. 1, ISSN – 2458-5920 (Scopus indexed journal)
Presentation of papers in seminars/ conferences:	1. Presented a poster on the topic "Phytochemical analysis and antioxidant property of <i>Selaginella bryopteris</i> " at the National seminar on "Biotechnology research in India: Current status and future prospects" organized by the Jamia Hamdard, New Delhi held on March 26- 27, 2019. 2. Presented a research paper on the topic "Hepatoprotective activity of <i>Selaginella bryopteris</i> against acetaminophen-induced toxicity in Wistar rats" in International Conference on 'New Paradigms in Pharmaceutical Research and Development 2023 organized by Institute of Pharmacy, Bundelkhand University, Jhansi, India held on 27th -28th February, 2023.	
Pre-PhD thesis presentation	April, 2023 (Tentatively)	
The list of Examiners 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. Deena Prakash (Enrolment No.173101768) 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 and successful completion of Pre-PhD thesis Presentation															
	SB 71.3.4	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Brijesh Shivhare (Enrolment No. 173101736); January, 2017 cycle) Ph.D. research scholar, Discipline of Biochemistry.	Confidential cover														
	Matter for Discussion	<p>The details of Mr. Brijesh Shivhare (Enrolment No. 173101736) enrolled in Ph.D (Biochemistry) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>Brijesh Shivhare (January, 2017 cycle)</td> </tr> <tr> <td>Enrolment Number</td> <td>173101736</td> </tr> <tr> <td>Date of Registration</td> <td>03/05/2017</td> </tr> <tr> <td>Research Topic</td> <td>Protective effects of Saraca indica extract on lead induced toxicity in a Rat Model.</td> </tr> <tr> <td>Name(s) of Supervisor (s)</td> <td>1. Dr. Maneesha Pandey, School of Sciences, IGNOU, New Delhi 2. Dr. Ramesh Kumar, Department of Biochemistry, Bundelkhand University, Jhansi, Uttar Pradesh</td> </tr> <tr> <td>Number(s) of Paper Publication and Details</td> <td>Brijesh Shivhare, Ritu Rani, Maneesha Pandey and Ramesh Kumar. Antioxidant capacity and metabolic characterization of aqueous and ethanolic extract of Saraca indica. <i>Journal of Pharmacognosy and Phytochemistry</i> 2023; 12(1): 44-51.</td> </tr> <tr> <td>Presentation of papers in seminars/ conferences:</td> <td>1. Participated and presented a poster in the 7th International congress Society for Ethanopharmacology (SFEC 2020) on "Assessment of phytochemical analysis and GCMS characterization of Saraca indica" held on 15-17th Feb 2020 organized by Jamia Hamdard University, New Delhi. 2. Participated and presented as in the National poster</td> </tr> </table>	Name	Brijesh Shivhare (January, 2017 cycle)	Enrolment Number	173101736	Date of Registration	03/05/2017	Research Topic	Protective effects of Saraca indica extract on lead induced toxicity in a Rat Model.	Name(s) of Supervisor (s)	1. Dr. Maneesha Pandey, School of Sciences, IGNOU, New Delhi 2. Dr. Ramesh Kumar, Department of Biochemistry, Bundelkhand University, Jhansi, Uttar Pradesh	Number(s) of Paper Publication and Details	Brijesh Shivhare, Ritu Rani, Maneesha Pandey and Ramesh Kumar. Antioxidant capacity and metabolic characterization of aqueous and ethanolic extract of Saraca indica. <i>Journal of Pharmacognosy and Phytochemistry</i> 2023; 12(1): 44-51.	Presentation of papers in seminars/ conferences:	1. Participated and presented a poster in the 7th International congress Society for Ethanopharmacology (SFEC 2020) on "Assessment of phytochemical analysis and GCMS characterization of Saraca indica" held on 15-17th Feb 2020 organized by Jamia Hamdard University, New Delhi. 2. Participated and presented as in the National poster	
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Date of Registration	03/05/2017																
Research Topic	Protective effects of Saraca indica extract on lead induced toxicity in a Rat Model.																
Name(s) of Supervisor (s)	1. Dr. Maneesha Pandey, School of Sciences, IGNOU, New Delhi 2. Dr. Ramesh Kumar, Department of Biochemistry, Bundelkhand University, Jhansi, Uttar Pradesh																
Number(s) of Paper Publication and Details	Brijesh Shivhare, Ritu Rani, Maneesha Pandey and Ramesh Kumar. Antioxidant capacity and metabolic characterization of aqueous and ethanolic extract of Saraca indica. <i>Journal of Pharmacognosy and Phytochemistry</i> 2023; 12(1): 44-51.																
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		Conference on Recent Advances in Biological Sciences (NCRABS 2020) on "Assessment and phytochemical analysis of phytoconstituents from of Saraca indica" held on 5th March 2020 organized by Jamia Milia Islamia University, New Delhi.	
	Pre-PhD thesis presentation	27 th March, 2023	
		The list of Examiners 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 Mr. Brijesh Shivhare (Enrolment No. 173101736) 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.	
	SB 71.3.5	To consider and recommend the names of course writers and editors of 1st and 2nd Semester courses of the M.Sc. (Biochemistry) Programm	SB 71.3.5
	Matter for Discussion	The additional list of Course Writers and editors of 1 st and 2 nd Semester courses of the M.Sc. (Biochemistry) Programme was placed before the School Board of the School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional lists of Course Writers and Editors of the courses of M.Sc. (Biochemistry) Programme and recommended the names for the approval of the competent authority.	
	SB 71.3.6	To consider and recommend the names of translators for B.Sc. (Hons.) Biochemistry programme	SB 71.3.6
	Matter for Discussion	The additional list of Translators courses of the B.Sc. (Hons.) Biochemistry Programme was placed before the School Board of the School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional lists of Translators of the courses of B.Sc. (Hons.) Biochemistry Programme and recommended the names for the approval of the competent authority and inclusion in the pool of translators of the School.	
	SB 71.3.7	To consider and approve the minutes of 29th Doctoral Research Committee meeting of Biochemistry Discipline held on 27th March 2023	SB 71.3.7

	Matter for Discussion	<p>The 29th meeting of Doctoral Research Committee in Biochemistry was conducted on 27th March 2023 considering the following items:</p> <ol style="list-style-type: none"> i. To consider and review the Pre-PhD thesis submission seminar of Mr. Brijesh Shivhare (Enrolment No. 173101736) ii. To consider and approve the Ph.D. synopsis and allotment of supervisors of Ms Nivedita Sharma (Enrolment No. 202493197) and Ms Sana Vijayalakshmi (Enrolment No. 202493212) research scholars in Ph.D (Biochemistry programme). <p>The minutes of the Doctoral Research Committee were placed before the School Board for its consideration and approval.</p>	
	Decision of SB	<p>The School Board of School of Sciences considered and approved the Minutes of 29th meeting of the Doctoral Research Committee of Biochemistry held on 27th March 2023.</p>	
<p>SB 71.4 To consider and approve agenda items pertaining to the <u>Discipline of Chemistry</u></p>			
	SB 71.4.1	<p>To consider and approve the Minutes of the 68th Doctoral Research Committee Meeting of Chemistry held on 18th January 2023.</p>	<p>SB 71.4.1.1 SB 71.4.1.2</p>
	Matter for Discussion	<p>The 68th Doctoral Research Committee Meeting of the Chemistry Discipline was held on 18th January 2023. The following items were discussed:</p> <ol style="list-style-type: none"> i. To consider and review the six-monthly progress reports (Jan 2022-June 2022) of five Research Scholars enrolled in Ph.D (Chemistry) programme. ii. Mr. Pintu Gautam (Enrolment No. 179342058) working under the supervision of Prof. Kamalika Banerjee, had communicated his inability to continue the research work due to personal reasons. 	
	Decision of SB	<p>The School Board of School of Sciences considered and approved the part Minutes of the Minutes of 68th Meeting of the Doctoral Research Committee of Chemistry held on 18th January 2023. After deliberation, the School Board recommended the cancellation of provisional admission of Mr. Pintu Gautam (Enrolment No. 179342058) only after intimating the scholar as per the rules and procedures of the University which includes three reminders to the scholars through registered post by the respective supervisor. The Board advised the Discipline to refer back the Item ii to the DRC.</p>	
	SB 71.4.2	<p>To consider and recommend the name of Course Editor for the 1st Semester course of M.Sc. (Chemistry): Biology for Chemists (MCH-015)</p>	<p>SB 71.4.2</p>
	Matter for Discussion	<p>The name of the editor for Biology for Chemists (MCH-015), one of the core courses (worth 2 credit) to be offered in the 1st Semester of M.Sc. (Chemistry) Programme was placed before School Board of School of Sciences for consideration and recommendation.</p>	

	Decision of SB	The School Board of School of Sciences considered the name of Editor for 1 st Semester course Biology for Chemists (MCH-015) of M.Sc. (Chemistry) programme and recommended the same for the approval of the competent authority.	
	SB 71.4.3	To consider and recommend the name of course writer for the 1st Semester M.Sc. (Chemistry) course: General Physical Chemistry (MCH-013)	SB 71.4.3
	Matter for Discussion	The name of the course writer for the 1 st Semester M.Sc. (Chemistry) course: General Physical Chemistry (MCH-013) to be offered in the 1 st Semester of M.Sc. (Chemistry) Programme was placed before School Board of School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the name of course writer for 1 st Semester course General Physical Chemistry (MCH-013) of M.Sc. (Chemistry) programme and recommended the same for the approval of the competent authority.	
	SB 71.4.4	To consider and recommend the names of paper setters of the elective course: Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy (BCHET-147) of the BSCG programme.	SB 71.4.4
	Matter for Discussion	The discipline of chemistry had proposed the names of paper setters of the chemistry course of B.Sc. (General) BSCG programme "Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy" (BCHET-147). The list of the paper setters was placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the lists of paper setters of the chemistry course of B.Sc. (General) BSCG programme "Organometallics, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy" (BCHET-147) and recommended the names for the approval of the competent authority.	
	SB 71.4.5	To consider and recommend the names of evaluators received from SED for Chemistry courses: BCHCT-131A (A), BCHCT-137(A+B), BCHET-141, BCHET-147, BCHCT-137(A), BCHET-147(A+B), BCHET-141(A+B) of BSCG programme and MCH-001, MCH-003, MCH-004 of PGDAC programme	SB 71.4.5
	Matter for Discussion	The discipline of chemistry had received the names of the evaluators for chemistry courses: BCHCT-131A (A), BCHCT-137(A+B), BCHET-141, BCHET-147, BCHCT-137(A), BCHET-147(A+B), BCHET-141(A+B) of BSCG programme and MCH-001, MCH-003, MCH-004 of PGDAC programme (PG Diploma in Applied Chemistry) programme from the RSD. The names of the evaluators received from the RSD were shortlisted along with the courses. The list of the names of evaluators received from	

		RSD were placed before the School Board for its consideration and recommendation.															
	Decision of SB	The School Board of School of Sciences considered the names of the Evaluators for different chemistry courses of BSCG and PGDAC (PG Diploma in Applied Chemistry) programme from the RSD and recommended the names for the approval of the competent authority.															
	SB 71.4.6	To consider and approve the list of Examiners for the evaluation of Ph.D. Thesis of Ravi Kant (Enrolment No. 173101790; January, 2017 cycle) registered in the Ph.D. (Chemistry) Programme	Confidential cover														
	Matter for Discussion	<p>The details of Mr. Ravi Kant (Enrolment No. 173101790) enrolled in Ph.D (Chemistry) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>Mr. Ravi Kant</td> </tr> <tr> <td>Enrolment Number</td> <td>173101790</td> </tr> <tr> <td>Date of Registration</td> <td>03/05/2017</td> </tr> <tr> <td>Research Topic</td> <td>Design, Synthesis and Biological Studies of Heterocyclic compounds</td> </tr> <tr> <td>Name(s) of Supervisor (s)</td> <td>Prof. Lalita S. Kumar, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068</td> </tr> <tr> <td>Number(s) of Paper Publication and Details</td> <td>Ravi Kant, Keshav Kumar Saini, Ravindra Kumar Upadhyay and Lalita S. Kumar, 'Design, Synthesis and Characterization of Novel Biologically Active 1H-1,2,3-Triazole Quinoline-Isatin Tethered Conjugates', <i>Asian Journal of Chemistry</i>, 2023, 35(5), Accepted for publication. Doi: https://doi.org/10.14233/ajchem.2023.28590</td> </tr> <tr> <td>Presentation of papers in seminars/ conferences:</td> <td> 1. Participated and presented a paper titled, 'Synthesis of Novel Triazole Substituted Dibenzosubranes as Multidrug Resistance Modulators' in the National Conference on 'Current trends and Futuristic Challenges in Chemical Sciences', organized by the Department of Chemistry, Osmania University, Hyderabad, Telangana during 29th – 30th July 2022 2. Poster/Paper Presentation, titled 'Dibenzosubrane Moiety – </td> </tr> </table>	Name	Mr. Ravi Kant	Enrolment Number	173101790	Date of Registration	03/05/2017	Research Topic	Design, Synthesis and Biological Studies of Heterocyclic compounds	Name(s) of Supervisor (s)	Prof. Lalita S. Kumar, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	Number(s) of Paper Publication and Details	Ravi Kant, Keshav Kumar Saini, Ravindra Kumar Upadhyay and Lalita S. Kumar, 'Design, Synthesis and Characterization of Novel Biologically Active 1H-1,2,3-Triazole Quinoline-Isatin Tethered Conjugates', <i>Asian Journal of Chemistry</i> , 2023, 35(5), Accepted for publication. Doi: https://doi.org/10.14233/ajchem.2023.28590	Presentation of papers in seminars/ conferences:	1. Participated and presented a paper titled, 'Synthesis of Novel Triazole Substituted Dibenzosubranes as Multidrug Resistance Modulators' in the National Conference on 'Current trends and Futuristic Challenges in Chemical Sciences', organized by the Department of Chemistry, Osmania University, Hyderabad, Telangana during 29 th – 30 th July 2022 2. Poster/Paper Presentation, titled 'Dibenzosubrane Moiety –	
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Date of Registration	03/05/2017																
Research Topic	Design, Synthesis and Biological Studies of Heterocyclic compounds																
Name(s) of Supervisor (s)	Prof. Lalita S. Kumar, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068																
Number(s) of Paper Publication and Details	Ravi Kant, Keshav Kumar Saini, Ravindra Kumar Upadhyay and Lalita S. Kumar, 'Design, Synthesis and Characterization of Novel Biologically Active 1H-1,2,3-Triazole Quinoline-Isatin Tethered Conjugates', <i>Asian Journal of Chemistry</i> , 2023, 35(5), Accepted for publication. Doi: https://doi.org/10.14233/ajchem.2023.28590																
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		Multidrug Resistance Modulators' in the 2 nd National Conference on 'Emerging Trends and Future Challenges in Chemical Sciences' (ETFC-2020)' organized by the Kirori Mal College, University of Delhi, Delhi, during 10 th -11 th Jan 2020	
	Pre-PhD thesis presentation	27 th March, 2023	
		The list of Examiners 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 Mr. Ravi Kant (Enrolment No. 173101790; January, 2017 cycle) 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.	
	SB 71.4.7	To consider and approve the Minutes of 69th Doctoral Research Committee Meeting of Chemistry Discipline held on 27th March 2023.	SB 71.4.7
	Matter for Discussion	The 69 th Doctoral Research Committee Meeting of Chemistry Discipline was held on 27 th March 2023. The agenda of the meeting was to review the presentation of Pre-thesis seminar by Mr. Ravikant (Enrolment No. 173101790) registered in the Ph.D. Programme under the supervision of Prof. Lalita S. Kumar, SOS, IGNOU. The minutes of the meeting are placed before the School Board for consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered and approved the Minutes of the 69 th Meeting of the Doctoral Research Committee of Chemistry Discipline	
	SB 71.4.8	To consider and recommend the additional names of paper setters, members of moderation board and evaluators for chemistry courses BCHCT-131 (Part-A & B) and BCHCT-135 (Part-B) of B.Sc. (CBCS) of BSCG (CBCS) and CHE-05 course B.Sc. Programmes	SB 71.4.8.1 SB 71.4.8.2 SB 71.4.8.3
	Matter for Discussion	The chemistry discipline had proposed the additional names for the paper setters, members of moderation board and evaluators for chemistry courses- BCHCT-131 (Part-A & B) and BCHCT-135 (Part-B) of B.Sc. (CBCS) and CHE-05 course of B.Sc. Programme. The list of the paper setters and members of moderation board and evaluators were placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional names for the paper setters, members of moderation board and evaluators for chemistry courses of B.Sc. (CBCS) and	

		B.Sc. Programme and recommended the lists for the approval of the competent authority.									
SB 71.5	To consider and approve agenda items pertaining to the <u>Discipline of Geography</u>.										
	SB 71.5.1	To consider and approve the Minutes of the 66th and 67th meetings of the Doctoral Research Committee of Geography Discipline held on 22nd February and 23rd February 2023 respectively.	SB 71.5.1.1 SB 71.5.1.2								
	Matter for Discussion	<p>The 66th Meeting of the Doctoral Research Committee in Geography was conducted on 22nd February 2023 considering the following items:</p> <ol style="list-style-type: none"> i. To consider and review the Progress Reports of 13 (thirteen) Research Scholars registered in the Ph.D. (Geography) Programme. ii. To consider and review the Mandatory Work in Progress Seminar of 03 (three) Research Scholars registered in Ph.D. (Geography) Programme. iii. To consider and approve the research topics and research supervisors of 02 (two) Research Scholars registered in the Ph.D. (Geography) Programme. iv. To consider and approve the minor change in the Research Topic of Ms Shewta Tripathi (Enrolment No. 202493290) <p>The following items were discussed in the 67th Meeting of the Doctoral Research Committee of Geography Discipline held on 23th February 2023:</p> <ol style="list-style-type: none"> i. To consider and review the Progress Reports of 15 (fifteen) Research Scholars registered in the Ph.D. (Geography) Programme. ii. To consider and review the Mandatory work in Progress Seminar of 02 (two) Research Scholars registered in Ph.D. (Geography) Programme. 									
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of 66 th and 67 th Meetings of the Doctoral Research Committee of Geography held on 22 nd and 23 rd February 2023.									
	SB 71.5.2	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Mr. Vinod Kumar (Enrolment no. 173101808; January, 2017 cycle) Ph.D. Research Scholar, Discipline of Geography.	Confidential cover								
	Matter for Discussion	<p>The details of Mr. Vinod Kumar (Enrolment no. 173101808) enrolled in Ph.D (Geography) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>Mr. Vinod Kumar</td> </tr> <tr> <td>Enrolment Number</td> <td>173101808 (January, 2011 cycle)</td> </tr> <tr> <td>Date of Registration</td> <td>03/05/2017</td> </tr> <tr> <td>Research Topic</td> <td>Impact Assessment of Green Revolution on Water Resources in</td> </tr> </table>	Name	Mr. Vinod Kumar	Enrolment Number	173101808 (January, 2011 cycle)	Date of Registration	03/05/2017	Research Topic	Impact Assessment of Green Revolution on Water Resources in	
Name	Mr. Vinod Kumar										
Enrolment Number	173101808 (January, 2011 cycle)										
Date of Registration	03/05/2017										
Research Topic	Impact Assessment of Green Revolution on Water Resources in										

		Western Haryana Plains of Northern India	
	Name(s) of Supervisor (s)	Dr. K. Nageswara Rao Assistant Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	
	Number(s) of Paper Publication and Details	Vinod Kumar and Nageswara Rao, K. (2021). Assessment of land use and land cover change (1974-2018) using geospatial techniques in Western Haryana Plains of Northern in India. <i>Ecology, Environment and Conservation</i> , Vol 27, Nov Suppl. Issue, 2021; Page No. 443-449.	
	Pre-PhD thesis Presentation	10/02/2023	
	The list of Examiners 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 Mr. Vinod Kumar (Enrolment no. 173101808) 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.		
SB 71.5.3	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Mr. Md. Imran Rizvi (Enrolment no. 173101879; January 2017 cycle) Ph.D. Research Scholar, Discipline of Geography.		Confidential cover
Matter for Discussion	The details of Mr. Md. Imran Rizvi (Enrolment no. 173101879) enrolled in Ph.D (Geography) programme are as follows:		
	Name	Mr. Md. Imran Rizvi	
	Enrolment Number	173101879 (January, 2017 cycle)	
	Date of Registration	03/05/2017	
	Research Topic	Urban Challenges with Special Reference to Traffic Congestion: A Case Study of Patna	
	Name(s) of Supervisor (s)	Dr. Satya Raj Assistant Professor in Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	
	Number(s) of Paper Publication and Details	Urban Open Spaces and Urban Sustainability: A Case Study of Patna Municipal Corporation in " <i>International Journal of Recent Research Aspects</i> ,	

		Vol. 9, Issue 1, March 2022, pp. 1-7, ISSN: 2349-7688															
		Pre-PhD thesis Presentation	06/04/2023 (Tentative)														
		The list of Examiners 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 Mr. Md. Imran Rizvi (Enrolment no. 173101879) 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 and successful completion of Pre-PhD thesis Presentation.															
	SB 71.5.4	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Mr. Indraj (Enrolment no. 173101854; January 2017 cycle) Ph.D. Research Scholar, Discipline of Geography.	Confidential cover														
	Matter for Discussion	<p>The details of Mr. Indraj (Enrolment no. 173101854) enrolled in Ph.D (Geography) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>Mr. Indraj</td> </tr> <tr> <td>Enrolment Number</td> <td>173101854 (January, 2017 admission cycle)</td> </tr> <tr> <td>Date of Registration</td> <td>03/05/2017</td> </tr> <tr> <td>Research Topic</td> <td>Urban Sprawl Around Gurugram City and its Impact on Environment and Socio-Economic Set-up</td> </tr> <tr> <td>Name(s) of Supervisor (s)</td> <td>Dr. Vishal Warpa Assistant Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068</td> </tr> <tr> <td>Number(s) of Paper Publication and Details</td> <td>Assessment of land use land cover change using Geospatial Techniques: A case study of Gurugram city. <i>Madhya Bharti-Humanities and Social Sciences</i>, Vol. 83, January-June 2023, pp. 91-102, ISSN: 0974-0066</td> </tr> <tr> <td>Date of Pre-PhD thesis Presentation</td> <td>6/04/2023 (Tentative)</td> </tr> </table> <p>The list of Examiners for Evaluation of Thesis was provided in a confidential cover for approval of the School Board of School of Sciences.</p>		Name	Mr. Indraj	Enrolment Number	173101854 (January, 2017 admission cycle)	Date of Registration	03/05/2017	Research Topic	Urban Sprawl Around Gurugram City and its Impact on Environment and Socio-Economic Set-up	Name(s) of Supervisor (s)	Dr. Vishal Warpa Assistant Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	Number(s) of Paper Publication and Details	Assessment of land use land cover change using Geospatial Techniques: A case study of Gurugram city. <i>Madhya Bharti-Humanities and Social Sciences</i> , Vol. 83, January-June 2023, pp. 91-102, ISSN: 0974-0066	Date of Pre-PhD thesis Presentation	6/04/2023 (Tentative)
Name	Mr. Indraj																
Enrolment Number	173101854 (January, 2017 admission cycle)																
Date of Registration	03/05/2017																
Research Topic	Urban Sprawl Around Gurugram City and its Impact on Environment and Socio-Economic Set-up																
Name(s) of Supervisor (s)	Dr. Vishal Warpa Assistant Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068																
Number(s) of Paper Publication and Details	Assessment of land use land cover change using Geospatial Techniques: A case study of Gurugram city. <i>Madhya Bharti-Humanities and Social Sciences</i> , Vol. 83, January-June 2023, pp. 91-102, ISSN: 0974-0066																
Date of Pre-PhD thesis Presentation	6/04/2023 (Tentative)																
	Decision of SB	The list of Examiners for evaluation of thesis of Mr. Indraj (Enrolment no. 173101854) 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 and successful completion of Pre-PhD thesis Presentation.															
	SB 71.5.5	To consider and approve the list of Examiners for evaluation of Ph.D. thesis of Mr. Manoj Kumar (Enrolment no. 173101847; January 2017 cycle) Ph.D. Research Scholar, Discipline of Geography.	Confidential cover														
	Matter for Discussion	<p>The details of Mr. Manoj Kumar (Enrolment no. 173101847) enrolled in Ph.D (Geography) programme are as follows:</p> <table border="1"> <tr> <td>Name</td> <td>Mr. Manoj Kumar</td> </tr> <tr> <td>Enrolment Number</td> <td>173101847 (January, 2017 admission cycle)</td> </tr> <tr> <td>Date of Registration</td> <td>3/05/2017</td> </tr> <tr> <td>Research Topic</td> <td>Spatial Variability in Micro-Climate of Indian Cities and its Consequences: A Case Study of National Capital Region</td> </tr> <tr> <td>Name(s) of Supervisor (s)</td> <td>Prof. Subhakanta Mohapatra Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068</td> </tr> <tr> <td>Number(s) of Paper Publication and Details</td> <td>Kumar, M. (2023). Assessment of Climatic Variability and Urban Heat Island in NCT Delhi. <i>Innovation The Research Concept</i>, VIII(I), 5-18.</td> </tr> <tr> <td>Date of Pre-PhD thesis Presentation</td> <td>6-04-2023 (Tentative)</td> </tr> </table> <p>The list of Examiners for Evaluation of Thesis was provided in a confidential cover for approval of the School Board of School of Sciences.</p>	Name	Mr. Manoj Kumar	Enrolment Number	173101847 (January, 2017 admission cycle)	Date of Registration	3/05/2017	Research Topic	Spatial Variability in Micro-Climate of Indian Cities and its Consequences: A Case Study of National Capital Region	Name(s) of Supervisor (s)	Prof. Subhakanta Mohapatra Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	Number(s) of Paper Publication and Details	Kumar, M. (2023). Assessment of Climatic Variability and Urban Heat Island in NCT Delhi. <i>Innovation The Research Concept</i> , VIII(I), 5-18.	Date of Pre-PhD thesis Presentation	6-04-2023 (Tentative)	
Name	Mr. Manoj Kumar																
Enrolment Number	173101847 (January, 2017 admission cycle)																
Date of Registration	3/05/2017																
Research Topic	Spatial Variability in Micro-Climate of Indian Cities and its Consequences: A Case Study of National Capital Region																
Name(s) of Supervisor (s)	Prof. Subhakanta Mohapatra Professor in Geography, Discipline of Geography, School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068																
Number(s) of Paper Publication and Details	Kumar, M. (2023). Assessment of Climatic Variability and Urban Heat Island in NCT Delhi. <i>Innovation The Research Concept</i> , VIII(I), 5-18.																
Date of Pre-PhD thesis Presentation	6-04-2023 (Tentative)																
	Decision of SB	The list of Examiners for evaluation of thesis of Mr. Manoj Kumar (Enrolment no. 173101847) 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 and successful completion of Pre-PhD thesis Presentation.															
	SB 71.5.6	To consider and approve the Programme Launch Form (PLF) of the M.Sc. (Geography) Programme	SB 71.5.6														
	Matter for Discussion	The Programme Proposal Form (PPF) of M.Sc. (Geography) Programme was approved in the 54 th APC in its meeting held on 15 th March 2018 vide Item no. APC 54.2.2. Subsequently, the Project Development Form (PDF) and Programme Project Report (PPR) of the M.Sc. (Geography) Programme were approved in the 68 th School Board in its meeting vide item no. SB 68.15.1.1 held on 3 rd December 2021, and the same were approved by the															

		77 th Academic Council vide item no. AC 77.29.1 held on 28.12.2021. However, due to inclusion of a course on project report worth 08 credits enhancing the total credits from 72 to 80 credits a Programme Revision Form of M.Sc. (Geography) Programme was approved in the 59 th Meeting of Academic Council Standing Committee meeting vide item no ACSC 59.13.1. Programme Launch Form (PLA) of the M.Sc. (Geography) Programme was placed before the School Board for its consideration and approval.	
	Decision of SB	The School Board deliberated on the Programme Launch Form (PLA) of the M.Sc. (Geography) programme and then approved it for further consideration and approval of the Academic Programme Committee (APC).	
	SB 71.5.7	To consider and recommend the additional list of Course Writers and Editors of the courses titled 'Regional Geography of India (MGG-003)' and 'Cartography (MGGL-001)' of 1st semester and 'Urban Geography' (MGG-010) and 'Economic Geography (MGG- 006)' of 2nd semester of M.Sc. (Geography) Programme.	SB 71.5.7.1 SB 71.5.7.2
	Matter for Discussion	The additional lists of Course Writers and Editors for the courses of 1 st Semester (Regional Geography of India (MGG-003) and 2 nd Semester 'Urban Geography' (MGG-010) and 'Economic Geography (MGG- 006) of M.Sc. (Geography) Programme were placed before the School Board of the School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional lists of Course Writers and Editors of the courses of M.Sc. (Geography) Programme and recommended the names for the approval of the competent authority.	
	SB 71.5.8	To consider and recommend the lists of course writers and editors of the courses titled 'Geographical Information System (GIS) (MGG-011, 04 credits)' and 'Geospatial Analysis (MGGL-03, 04 credits)' of 3rd semester and 'Introduction to Remote Sensing (MGG-012, 04 credits)' and 'Remote Sensing Techniques (MGGL-005, 04 credits)' of 4th semester of M.Sc. (Geography) Programme.	SB 71.5.8.1 SB 71.5.8.2 SB 71.5.8.3
	Matter for Discussion	The lists of course writers and editors of the courses titled 'Geographical Information System (GIS) (MGG-011, 04 credits)' and 'Geospatial Analysis (MGGL-03, 04 credits)' of 3 rd semester and 'Introduction to Remote Sensing (MGG-012, 04 credits)' & 'Remote Sensing Techniques (MGGL-005, 04 credits)' of 4 th semester of M.Sc. (Geography) Programme were placed before the School Board of the School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the lists of Course Writers and Editors of the courses of M.Sc. (Geography)	

		Programme and recommended the names for the approval of the competent authority.	
	SB 71.5.9	To consider and approve the agenda item to be placed before the forthcoming ACSC for the approval of inclusion of Geography in BAG Programme offered by SOSS	SB 71.5.9
	Matter for Discussion	The matter of inclusion of Geography to be offered in the BAG Programme was communicated to the School of Social Sciences in June 2020 and July 2022. In the meantime, the matter was discussed in the Geography Discipline group meeting with the Hon'ble Vice Chancellor. It was directed by the Competent Authority to place the matter of inclusion of Geography to be offered in the BAG Programme in the ACSC and Discipline has been asked to prepare the agenda item for ACSC. This agenda was placed before the School Board for its consideration and approval.	
	Decision of SB	The School Board after lots of deliberations referred back the item to the Geography discipline.	
	SB 71.5.10	To consider and recommend the lists of members of the moderation board for Geography Courses "Physical Geography", (BGGCT-131, 1st semester), Human Geography", (BGGCT-132, 2nd semester), "General Cartography" (BGGCT-133, 3rd semester), "Environmental Geography" (BGGCT-135, 4th semester), "Geography of India", (BGGET-141, 5th) and "Economic Geography", (BGGET-142, 6th semester) of B.Sc. General Programme.	SB 71.5.10
	Matter for Discussion	The discipline of geography proposed the lists of members of the moderation board for the Geography Courses "Physical Geography", (BGGCT-131, 1 st semester), Human Geography", (BGGCT-132, 2 nd semester), "General Cartography" (BGGCT-133, 3 rd semester), "Environmental Geography" (BGGCT-135, 4 th semester), "Geography of India", (BGGET-141, 5 th) and "Economic Geography", (BGGET-142, 6 th semester) of B.Sc. General Programme. The lists of members of the moderation board were placed before the School Board of the School of Sciences for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the lists of members of the moderation board for the geography courses of B.Sc. (General) Programme and recommended the names for the approval of the competent authority.	
	SB 71.5.11	To consider and approve the Minutes of the 68th Meeting of the Doctoral Research Committee of Geography Discipline held on March 24, 2023.	SB 71.5.11
	Matter for Discussion	The 68 th Meeting of the Doctoral Research Committee of Geography Discipline was held on March 24, 2023 to review the	

		Second Mandatory Work in Progress Seminars of 02 Research Scholars registered in Ph.D (Geography) programme. The Minutes of the 68 th Meeting of the Doctoral Research Committee of Geography Discipline was placed before the School Board of the 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 68 th Meeting of the Doctoral Research Committee of Geography.	
SB 71.6	To consider and approve agenda items pertaining to <u>Discipline of Geology.</u>		
	SB 71.6.1	To consider and approve Minutes of the 60th and 61st Meetings of the Doctoral Research Committee for Ph.D. (Geology) programme held on 3rd August 2022 and 25th August 2022, respectively.	SB 71.6.1.1 SB 71.6.1.2
	Matter for Discussion	<p>60th Doctoral Research Committee Meeting in Geology was held on 3rd August, 2022, and following three agenda items were discussed:</p> <ul style="list-style-type: none"> i. To review first Work-in-Progress seminar of two scholars and second Work-in-Progress seminar of two scholars. ii. To review six-monthly progress report of 10 scholars from January to June, 2022. The progress of nine scholars was found to be satisfactory, except for one scholar Mr. Rajesh Kumar (Enrol. No. 179342019). <p>61st Doctoral Research Committee Meeting in Geology was held on 25th August, 2022, and following three agenda items were discussed:</p> <ul style="list-style-type: none"> i. To review the second Work-in-Progress seminar of Mr. S. Kiran (Enrolment No. 179342926) ii. To review six-monthly progress of 4 scholars for January to June, 2022. iii. To consider and approve the cancellation of registration of Mr. Ankit Shah (Enrol. No. 131638848) and Mr. Rajesh Kumar (Enrol. No. 1793342019) enrolled in Ph.D (Geology) programme. iv. To consider and approve the Pre-PhD Coursework allotted to 03 PhD students registered in Ph.D (Geology) programme in July 2021 cycle. <p>Minutes of the 60th and 61st Doctoral Committee Meetings in Geology were placed before the School Board for its consideration and approval.</p>	

	Decision of SB	<p>The School Board of School of Sciences considered and approved the contents of the Minutes of 60th and 61st Meeting of the Doctoral Research Committee of Geology except the Item iii of the 61st DRC. School Board deliberated on the Item iii of 61st DRC of Geology. The programme coordinator informed the School Board that 61st Doctoral Research Committee of Geology had in its meeting held on 25th August 2022 recommended the cancellation of the registration of Mr. Ankit Shah (Enrol. No. 131636648) and Mr. Rajesh Kumar (Enrol. No. 179342019) which was considered in the 70th School Board of School of Sciences held on 2nd November 2022 vide SB 70.9.1. The 70th School Board of School of Sciences had approved cancellation of registration of Mr. Ankit Shah (Enrol. No. 131636648) vide SB 70.9.1 which was further approved by 31st Research Council held on 15th November 2022 vide RC 31.10. However, regarding the cancellation of registration of Mr. Rajesh Kumar (Enrol. No. 179342019) the supervisor Dr. Omkar Verma had been advised by the 70th School Board to send 3 letters by registered post to the candidate conveying that he should show satisfactory progress in his PhD work failing which his registration was liable to be cancelled.</p>	
	SB 71.6.2	<p>To consider and approve Minutes of the 63rd, 64th, 65th and 66th Meetings of the Doctoral Research Committee for Ph.D. (Geology) programme held on 6th February 2023, 7th February 2023, 9th February 2023 and 6th March 2023, respectively.</p>	<p>SB 71.6.2.1 SB 71.6.2.2 SB 71.6.2.3 SB 71.6.2.4</p>
	Matter for Discussion	<p>63rd, 64th, 65th and 66th Doctoral Research Committee Meetings in Geology were held on 6th February, 2023, 7th February, 2023, 9th February 2023 and 6th March 2023 respectively. The following agenda were discussed in 63rd Doctoral Committee Meeting held on 6th February, 2023:</p> <ul style="list-style-type: none"> i. To consider and review second Work-in-Progress Seminar of Mr. Anayat Ahmad Quarashi (Enrol. No. 188500450). ii. To review six monthly progress of 04 scholars for July to December, 2022 registered in Ph.D (Geology) programme. iii. To consider and approve the request of the scholar Mr Rajeew Kumar (Enrol. No. 210270333) registered in Ph.D (Geology) programme for course work. <p>64th Doctoral Committee Meeting held on 7th February, 2023 and following agenda was discussed:</p> <ul style="list-style-type: none"> i. To review six monthly progress of 05 scholars for July to December, 2022 registered in Ph.D (Geology) programme. <p>65th Doctoral Committee Meeting held on 9th February, 2023 and following agenda was discussed:</p> <ul style="list-style-type: none"> i. To review second Work-in-Progress Seminar 02 scholars. ii. To review six monthly progress of 03 scholars for July to December, 2022 registered in Ph.D (Geology) programme. <p>66th Doctoral Committee Meeting held on 6th March, 2023 had</p>	

		<p>following agenda:</p> <p>i. To consider and approve the name of external supervisor for Ms Ruby Siddiqui (Enrol. No. 202493086) registered in Ph.D (Geology programme). The Minutes of the 63rd, 64th, 65th and 66th Doctoral Research Committee Meetings in Geology.</p>	
	Decision of SB	The School Board of School of Sciences considered and approved the contents of the Minutes of 63 rd , 64 th , 65 th and 66 th Meeting of the Doctoral Research Committee of Geology.	
	SB 71.6.3	To consider and approve names of additional Course Writers of the courses- MGY-101, MGY-005, MGY-006, MGY-007, MGY-009, MGY-011 and Course Editors for courses- MGY-101, MGY-103, MGY-011 of M.Sc. (Geoinformatics) Programme.	SB 71.6.3
	Matter for Discussion	The additional names of Course Writers were proposed by the programme coordinators of M.Sc. (Geoinformatics) Programme. for the courses- MGY-101: Introduction to Geoinformatics, MGY-005: Techniques in Remote Sensing and Digital Image Processing, MGY-006: Spatial Analysis and Modelling, MGY-007: Applications of Geoinformatics, MGY-009: Advances in Remote Sensing and GIS, MGY-011: Geoenvironmental Applications of Geoinformatics, and Course Editors for courses- MGY-101: Introduction to Geoinformatics, MGY-103: Global Navigation Satellite System and Geographical Information System, MGY-011: Geoenvironmental Applications of Geoinformatics. The names of additional course writers of M.Sc. (Geoinformatics) Programme were placed before the School Board of the School of Sciences for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional names of Course Writers and Editors for the courses of M.Sc. (Geoinformatics) Programme and recommended the names for the approval of the competent authority.	
	SB 71.6.4	To consider and recommend the list of Paper setters, members of Moderation Board and Evaluators of the first and second semester courses (MGY-101, MGY-005, MGY-006, MGY-007, MGY-009, MGY-011) of Post Graduate Diploma in Geoinformatics (PGDGI) programme.	SB 71.6.4.1 SB 71.6.4.2 SB 71.6.4.3
	Matter for Discussion	The Post Graduate Diploma in Geoinformatics (PGDGI) programme is on offer from January 2023 admission cycle. The discipline of geology has proposed the names of paper setters, members of moderation board and evaluators of the first and second semester courses: MGY-101, MGY-005, MGY-006, MGY-007, MGY-009, MGY-011. The lists of paper setters, members of moderation board and evaluators for courses of PGDGI programme were placed before the School Board of the School of Sciences for consideration and recommendation.	
	Decision of	The School Board of School of Sciences considered the lists of	

SB	paper setters and Members of Moderation board of PGDGI programme for first and second semester courses and recommended the lists for the approval of the competent authority.	
SB 71.6.5	To consider and approve the Minutes of the Expert Committee held on 6th March 2023 to devise mechanism for lateral entry of PGCGI learners into the second semester of Post Graduate Diploma in Geoinformatics (PGDGI) programme.	SB 71.6.5.1 SB 71.6.5.2
Matter for Discussion	<p>The Post Graduate Diploma in Geoinformatics (PGDGI) programme developed by the School of Sciences is on offer since January 2023 admission cycle. Several queries were being received by the Programme Team from candidates who have completed PGCGI programme from IGNOU. In this regard, a meeting of the Expert Committee was held on 6th March 2023 to devise mechanism for candidates having completed Post Graduate Certificate in Geoinformatics (PGCGI) programme from IGNOU and willing to take lateral entry in the Post Graduate Diploma in Geoinformatics (PGDGI) programme.</p> <p>The committee recommended offering a bridge course of 4 credits for candidates who had successfully completed PGCGI programme and were willing to take lateral entry in the second semester of the PGDGI programme. The evaluation methodology was recommended to be kept same as other theory courses of the programme. The minutes of the expert committee were placed before the School Board of the School of Sciences for consideration and recommendation.</p>	
Decision of SB	The School Board deliberated on offering a bridge course to candidates having completed Post Graduate Certificate in Geoinformatics (PGCGI) programme from IGNOU and willing to take lateral entry in the second semester of Post Graduate Diploma in Geoinformatics (PGDGI) programme. The Board advised the programme team also to consider the candidates having similar certification from elsewhere and then approved it for further consideration and approval of the Academic Council.	
SB 71.6.6	To consider and approve the Programme Revision Form (PRF) of Post Graduate Diploma in Geoinformatics (PGDGI) programme for inclusion of a 4-credit bridge course for lateral entry of PGCGI learners into the second semester.	SB 71.6.6
Matter for Discussion	The Post Graduate Diploma in Geoinformatics (PGDGI) programme developed by the School of Sciences is on offer since January 2023 admission cycle. Considering several requests of candidates who had completed PGCGI programme from IGNOU and were willing to take lateral entry in the second semester of Post Graduate Diploma in Geoinformatics (PGDGI) programme, an Expert Committee meeting was held on 6 th	

		<p>March 2023 to devise mechanism for allowing PGCGI learners into PGDGI programme. The committee recommended offering a bridge course titled 'Elements of Geoinformatics' of 4 credits for such lateral entry candidates.</p> <p>Programme Revision Form (PRF) and syllabus of the recommended bridge course were placed before the School Board of the School of Sciences for consideration and recommendation.</p>	
	Decision of SB	<p>The School Board deliberated on offering a bridge course titled 'Elements of Geoinformatics' (4 credits) to PGCGI learners from IGNOU for seeking lateral entry to the second semester of PGDGI programme. Programme Revision Form (PRF) of the PG Diploma in Geoinformatics (PGDGI) programme was approved with suggested modifications in light of the decision at item SB 71.6.5 for further consideration and approval of the Academic Council.</p>	
	SB 71.6.7	To consider and approve Programme Launch Approval (PLA) form of M.Sc. Geoinformatics (MSCGI) programme.	SB 71.6.7
	Matter for Discussion	<p>The Programme Proposal Form (PPF) of M.Sc. Geoinformatics was approved in 61st APC held on 20th September, 2021 vide item no. APC 61.5.4. Due to change in minimum credit load of 20 credits per semester as per latest UGC guidelines, the structure was revised to meet the requirements. The Project Development Form (PDF) and Project Proposal Report (PPR) of the M.Sc. Geoinformatics (MSCGI) programme along with the revised structure were approved in 69th meeting of the School Board of School of Sciences held on 05th April 2022 vide item no. SB 69.7.5. The same was later approved by the Academic Council's Standing Committee in its 57th Meeting and confirmed in the 78th meeting of the Academic Council. Programme Launch Approval (PLA) form of the M.Sc. (Geoinformatics) programme was placed before the School Board for its consideration and approval.</p>	
	Decision of SB	<p>The School Board deliberated on the Programme Launch Form (PLA) of the M.Sc (Geoinformatics) programme and then approved it for further consideration and approval of the Academic Programme Committee (APC).</p>	
	SB 71.6.8	To consider and approve Evaluation Methodology of Post Graduate Diploma in Geoinformatics (PGDGI) Programme.	SB 71.6.8
	Matter for Discussion	<p>The Post Graduate Diploma in Geoinformatics (PGDGI) programme developed by the School of Sciences is on offer since January 2023 admission cycle. First Term End Examination for the programme is to be conducted in the June TEE. Evaluation methodology of the PGDGI programme along with relevant annexures in the required format were placed</p>	

		before the 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 PGDGI programme.	
SB 71.7	To consider and approve agenda items pertaining to <u>Discipline of Life Sciences</u>.		
	SB 71.7.1	To consider and approve the modified list of Examiners of Doctoral Research Committee of Discipline of Life Sciences.	SB 71.7.1
	Matter for Discussion	The discipline of Life Sciences had proposed the modified list of Examiners for the Doctoral committee. The modified list of Examiners of Doctoral Research Committee of Life Sciences was placed before the School Board for its consideration and approval.	
	Decision of SB	The School Board of School of Sciences considered and approved the modified list of Examiners of Doctoral Research Committee of Discipline of Life Sciences.	
	SB 71.7.2	To consider and approve lists of Paper Setters, Moderation Board and Evaluators for the courses RLS-001, RLS-003, RLSE-005, RLSE-006, RLSE-009, RLSE-010, RLSE-012, RLSE-013, RLSE-014, RLSE-015, RLSE-018, RLSE-019 and RLSE-020 of Ph.D (Life Sciences) programme.	SB 71.7.2.1 SB 71.7.2.2 SB 71.7.2.3
	Matter for Discussion	The names of paper setters, members of moderation board, and evaluators for the courses RLS-001 (Research Methodology), RLS-003 (Biostatistics & Computer Applications in Biological Research), RLSE-005 (Biotechnology), RLSE-006 (Biochemistry), RLSE-009 (Applied Microbiology), RLSE-010 (Bioinformatics), RLSE-012 (Insect Biosystematics), RLSE-013 (Insect Pest Management), RLSE-014 (Insect Toxicology), RLSE-015 (Medical Entomology), RLSE-018 (Natural Plant Products), RLSE-019 (Plant Tissue culture) and RLSE-020 (Genetics) of Ph.D (Life Sciences) of Ph.D (Life Sciences) programme were placed before School Board of School of Sciences for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the names of paper setters, members of moderation board, and evaluators for the courses of Ph.D (Life Sciences) programme and recommended the same for the approval of the competent authority.	
	SB 71.7.3	To consider and approve the name of Prof. Aryadeep Roy Choudhury as Ph.D. supervisor to guide IGNOU students.	SB 71.7.3
	Matter for Discussion	Prof. Aryadeep Roy Choudhury joined as Professor in the Discipline of Life Sciences, School of Sciences, IGNOU, on 25 th November, 2022. Earlier, he was Assistant Professor in the	

		Post Graduate Department of Biotechnology, St. Xavier's College (Autonomous), Kolkata, from 1 st March 2010 to 24 th November, 2022. The biodata of Prof. Aryadeep Roy Choudhury was placed before the School Board for consideration and recommendation as Ph.D. supervisor to guide IGNOU students.	
	Decision of SB	The School Board of School of Sciences considered the name Prof. Aryadeep Roy Choudhury from Discipline of Life Sciences as Ph.D. supervisor to guide IGNOU students and recommended the same for the approval of the Research Council.	
	SB 71.7.4	To consider and approve the names of additional course writers for the 4th semester courses: 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) of M.Sc. (Zoology) Programme	SB 71.7.4
	Matter for Discussion	The Life Sciences Discipline has proposed two additional names of course writers for different courses of the M. Sc. (Zoology) Programme - 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). The names of additional course writers were placed before the School Board for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the names of additional course writers for the 4 th Semester courses of M.Sc. (Zoology) programme and recommended the same for the approval of the competent authority.	
	SB 71.7.5	To consider and approval the list of course writers for the laboratory courses of M.Sc. (Zoology) Programme.	SB 71.7.5
	Matter for Discussion	The Life Sciences Discipline has proposed the names of two course writers for laboratory courses of the M. Sc. (Zoology) Programme, viz., MZOL-002 (Lab Course II) and MZOL-III (Lab Course III). The names course writers were placed before the School Board for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the names of course writers for laboratory courses of the M. Sc. (Zoology) Programme and recommended the same for the approval of the competent authority.	
	SB 71.7.6	To consider and approve the additional list of paper-setters, members of moderation Board and evaluators for the Life Science courses: BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137, BBYET-141, BBYET-143, BZYCT-131, BZYCT-133, BZYCT-135, BZYCT-137, BZYET-141, BZYET-143, LSE-01, LSE-02, LSE-03, LSE-05 (I), LSE-05 (II) LSE-06 (I), LSE-06 (II) LSE-07, LSE-09, LSE-10, LSE-12, LSE-13, BAQ-001, BAQ-002, BAQ-003, AHE-	SB 71.7.6.1 SB 71.7.6.2 SB 71.7.6.3

		01 and APM-01.	
	Matter for Discussion	The discipline of Life Sciences proposed the names of Paper Setters, Members of Moderation Board and Evaluators for the courses- LSE-01, LSE-02, LSE-03, LSE-05, LSE-06, LSE-07, LSE-09, LSE-10, LSE-12, LSE-13, APM-01, AHE-01, BAQ-001, BAQ-002, BAQ-003, BZYCT-131, BZYCT-133, BZYCT-135, BZYCT-137, BZYET-141, BZYET-143, BBYCT-131, BBYCT-133, BBYCT-135, BBYCT-137, BBYET-141, and BBYET-143. The names of paper setters, members of moderation board and evaluators were placed before the School Board for consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the names of paper setters, members of moderation board and evaluators for the courses of Life Sciences and recommended the same for the approval of the competent authority.	
	SB 71.7.7	To consider and approve the names of Hindi translators for Life Sciences courses.	
	Matter for Discussion	The discipline of Life Sciences proposed the names as Hindi translators of Life Sciences courses. The names 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 names of Hindi translators for the courses of Life Sciences and recommended the same for the approval of the competent authority and include them in the pool of translators of the school.	
SB 71.8	To consider and approve agenda Items pertaining to <u>Discipline of Mathematics.</u>		
	SB 71.8.1	To consider and recommend the names of course writers for the course MMTE-002 (Design and Analysis of Algorithms) of the M.Sc. (MACS) programme.	SB 71.8.1
	Matter for Discussion	The Mathematics Discipline group had proposed the names of course writers for MMTE-002 (Design and Analysis of Algorithms) of M.Sc. (MACS) Programme. The names of course writers were 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 course writers for the course MMTE-002 of M.Sc. (MACS) Programme and recommended the same for the approval of the competent authority.	
	SB 71.8.2	To consider and approve the revised list of Paper setters for course MMTE-002 (Design and Analysis of Algorithms), Members of the Moderation Board for courses MMT-003 (Algebra), MMT-005 (Complex Analysis), MMTE-002 (Design and Analysis of	SB 71.7.8.2.1 SB 71.7.8.2.2 SB

		Algorithms), MMTE-006 (Cryptography) and MMTE-006(P) (Cryptography practicals) and Evaluators for the courses MMT-005, MMTE-002 and MMTE-006 of the M.Sc. (MACS) programme.	71.7.8.2.3
	Matter for Discussion	The discipline of Mathematics proposed the lists of Paper setters for the courses MMTE-002 (Design and Analysis of Algorithms), Members of Moderation Board for the courses MMT-003 (Algebra), MMT-005 (Complex Analysis), MMTE-002 (Design and Analysis of Algorithms), MMTE-006 and MMTE-006 (P) Cryptography (Theory and Practical) and Evaluators for the courses MMT-005 (Complex Analysis), MMTE-002 (Design and Analysis of Algorithms), MMTE-006 (Cryptography) and MMTE-006(P) (Cryptography practicals) and Evaluators for the courses MMT-005, MMTE-002 and MMTE-006 of the M.Sc. (MACS) programme. The lists of paper setters and evaluators of these courses 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 lists of paper setters and evaluators for the courses of M.Sc. (MACS) Programme and recommended the same for the approval of the competent authority.	
	SB 71.8.3	To consider and approve the revised list of members of the moderation board and Evaluators for courses MTE-02 (Linear Algebra) and MTE-06 (Abstract Algebra) of the BDP programme.	SB 71.7.8.3.1 SB 71.7.8.3.2
	Matter for Discussion	The discipline of mathematics proposed the revised lists of members of moderation board and Evaluators for the courses MTE-02 (Linear Algebra) and MTE-06 (Abstract Algebra) of BDP programme. The lists of members of moderation board and evaluators of these courses 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 lists of members of moderation board and evaluators for MTE-02 (Linear Algebra), MTE-06 (Abstract Algebra) courses of BDP Programme and recommended the same for the approval of the competent authority.	
	SB 71.8.4	To consider and recommend the revised list of members of the moderation board for courses BMTC-134 (Algebra), BMTE-141 (Linear Algebra) and Evaluators for the courses BMTC-134 (Algebra) and BMTE-141 (Linear Algebra) of the BAG/BSCG programme.	SB 71.7.8.4.1 SB 71.7.8.4.2
	Matter for Discussion	The lists of members of moderation board for the courses BMTC-134 (Algebra), BMTE-141 (Linear Algebra) and evaluators for the courses BMTC-134 (Algebra) and BMTE-141 (Linear Algebra) 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 lists of members of moderation board for BMTC-134 (Algebra), BMTE-141 (Linear Algebra) and evaluators for the courses BMTC-134 (Algebra) and BMTE-141 (Linear Algebra) courses of BAG/BSCG Programme and recommended the same for the approval of the competent authority.	
SB 71.9	To consider and approve agenda Item pertaining to the <u>Discipline of Physics.</u>		
	SB 71.9.1	To consider and recommend the additional list of course writers for the courses of the M.Sc. (Physics) Programme.	SB 71.9.1
	Matter for Discussion	Some course writers approved for the M. Sc. (Physics) programme in the 68 th and 70 th Meetings of the School Board of School of Sciences have conveyed their inability to complete the course writing work in a time-bound fashion. Hence, an additional list of course writers for the following courses of the M.Sc. (Physics) Programme was proposed by the Physics Discipline group. <ul style="list-style-type: none"> 1. Classical Electrodynamics 2. General Physics Laboratory 3. Statistical Mechanics 4. Computational Physics 5. Computational Physics Laboratory 6. Nanoscience 7. Materials Science 8. Elements of Reactor Physics 9. Advanced Reactor Physics The additional list of course writers of the above courses of M.Sc. (Physics) programme was placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional list of course writers for M.Sc. (Physics) Programme and recommended the same for the approval of the competent authority.	
	SB 71.9.2	To consider and recommend the lists of Paper Setters, Members of Moderation Board and Evaluators for the Physics Elective Courses of the B. Sc., BSCG and CPLT programmes.	SB 71.9.2.1a, b, c SB 71.9.2.2a, b, c SB 71.9.2.3a, b, c
	Matter for Discussion	The comprehensive lists of Paper Setters, Members of the Moderation Board and evaluators for the Physics elective courses of the B.Sc., BSCG and CPLT programmes have been proposed by Physics discipline. The lists of Paper Setters, Members of the	

		<p>Moderation Board and Evaluators for the Physics elective courses of the B.Sc., BSCG and CPLT programmes were placed before the School Board for its consideration and recommendation.</p> <table border="1"> <thead> <tr> <th>Programme</th> <th>Courses</th> <th>Details</th> <th>Annexure</th> </tr> </thead> <tbody> <tr> <td rowspan="3">B.Sc.</td> <td rowspan="3">PHE-01/BPHE-101, PHE-02/BPHE-102, PHE-04/BPHE-104, PHE-05, PHE-06/ BPHE-106, PHE-07, PHE-9, PHE-10, PHE-11, PHE-13, PHE-14, PHE-15, PHE-16</td> <td>Paper Setters</td> <td>71.9.2.1a</td> </tr> <tr> <td>Members of Moderation Board</td> <td>71.9.2.1b</td> </tr> <tr> <td>Evaluators</td> <td>71.9.2.1c</td> </tr> <tr> <td rowspan="3">BSCG-CBCS</td> <td rowspan="3">BPHCT-131, BPHCT-133, BPHCT-135, BPHCT-137, BPHET-141, BPHET-143</td> <td>Paper Setters</td> <td>71.9.2.2a</td> </tr> <tr> <td>Members of Moderation Board</td> <td>71.9.2.2b</td> </tr> <tr> <td>Evaluators</td> <td>71.9.2.2c</td> </tr> <tr> <td rowspan="3">CPLT</td> <td rowspan="3">LT-04/ CLT-104</td> <td>Paper Setters</td> <td>71.9.2.3a</td> </tr> <tr> <td>Members of Moderation Board</td> <td>71.9.2.3b</td> </tr> <tr> <td>Evaluators</td> <td>71.9.2.3c</td> </tr> </tbody> </table>	Programme	Courses	Details	Annexure	B.Sc.	PHE-01/BPHE-101, PHE-02/BPHE-102, PHE-04/BPHE-104, PHE-05, PHE-06/ BPHE-106, PHE-07, PHE-9, PHE-10, PHE-11, PHE-13, PHE-14, PHE-15, PHE-16	Paper Setters	71.9.2.1a	Members of Moderation Board	71.9.2.1b	Evaluators	71.9.2.1c	BSCG-CBCS	BPHCT-131, BPHCT-133, BPHCT-135, BPHCT-137, BPHET-141, BPHET-143	Paper Setters	71.9.2.2a	Members of Moderation Board	71.9.2.2b	Evaluators	71.9.2.2c	CPLT	LT-04/ CLT-104	Paper Setters	71.9.2.3a	Members of Moderation Board	71.9.2.3b	Evaluators	71.9.2.3c	
Programme	Courses	Details	Annexure																												
B.Sc.	PHE-01/BPHE-101, PHE-02/BPHE-102, PHE-04/BPHE-104, PHE-05, PHE-06/ BPHE-106, PHE-07, PHE-9, PHE-10, PHE-11, PHE-13, PHE-14, PHE-15, PHE-16	Paper Setters	71.9.2.1a																												
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		Members of Moderation Board	71.9.2.3b																												
		Evaluators	71.9.2.3c																												
Decision of SB	<p>The School Board of School of Sciences considered comprehensive lists of Paper Setters, Members of the Moderation Board and evaluators for the Physics elective courses of the B.Sc., BSCG and CPLT programmes and recommended the same for the approval of the competent authority.</p>																														
SB 71.10	To consider and approve agenda Item pertaining to the <u>Discipline of Statistics.</u>																														
	SB 71.10.1	To consider and approve minutes of the 23rd Doctoral Research Committee Meeting of Statistics discipline held on January 20, 2023.		SB 71.10.1																											
	Matter for Discussion	<p>The 23rd Doctoral Committee Meetings of the Doctoral Research Committee in Statistics was held on January 20, 2023. The following items were discussed in the meeting:</p> <ol style="list-style-type: none"> i. To consider and review the Pre-thesis submission seminar of Mr. Purnendukishore Bandyopadhyay (Enrolment No. 173101972) registered for Ph.D. (Statistics) in January 2017 cycle 																													

		ii.To consider and approve the Ph.D. synopsis of Mr. Anant Patel (Enrolment No. 2022493506) registered for Ph.D. (Statistics) in July 2020 cycle. The Minutes of the 23 rd Doctoral Research Committee meeting held on January 20, 2023 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 contents of the Minutes of 23 rd Meeting of the Doctoral Research Committee of Statistics.	
	SB 71.10.2	To consider and approve minutes of the 24th Doctoral Research Committee Meeting of Statistics discipline held on February 24, 2023 (F/N).	SB 71.10.2
	Matter for Discussion	A meeting of the Doctoral Committee in Statistics held on February 24, 2023 (F/N), to review the progress reports of five candidates registered in Ph.D. (Statistics) in July 2020 cycle. The Minutes of the 24 th Doctoral Research Committee meetings held on February 24, 2023 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 contents of the Minutes of 24 th Meeting of the Doctoral Research Committee of Statistics.	
	SB 71.10.3	To consider and approve minutes of the 25th Doctoral Research Committee Meeting of Statistics discipline held on February 24, 2023 (A/N).	SB 71.10.3
	Matter for Discussion	A meeting of the Doctoral Committee in Statistics held on February 24, 2023 (A/N), to review the progress reports of Mr. Ashish Subhash Sharma (Enrolment No. 20242890) registered in Ph.D. (Statistics) in July 2020 cycle. The Minutes of the 25 th Doctoral Research Committee meeting held on February 24, 2023 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 contents of the Minutes of 25 th Meeting of the Doctoral Research Committee of Statistics.	
	SB 71.10.4	To consider and approve the list of examiners for Ph.D. thesis of Mr. Purnendukisor Bandyopadhyay (Enroll. No. 173101972) enrolled in Ph.D. (Statistics) programme.	Confidential cover.
	Matter for Discussion	The details of Mr. Purnendukisor Bandyopadhyay (Enrolment No. 173101972) enrolled in Ph.D (Statistics) programme are as follows:	
		Name	Purnendukisor Bandyopadhyay (January, 2017 cycle)
		Enrolment Number	173101972
		Date of Registration	April 24, 2017
		Research Topic	Development of Sampling Strategies

			using Post-stratification	
		Name(s) of Supervisor (s)	Prof. Manish Trivedi School of Sciences, IGNOU, Maidan Garhi, New Delhi-110068	
		Number(s) of Paper Publication and Details	<ol style="list-style-type: none"> 1. Manish Trivedi, Purnendukisor Bandyopadhyay and V K Singh (2020), A new Post-stratified Estimator in Successive Sampling, <i>International Journal in Agriculture and Statistical Sciences</i>, Vol 16, No. 2, pp. 871-876. 2. Manish Trivedi and Purnendukisor Bandyopadhyay (2022), An application of Agrawal-Panda type Post-stratified Estimates in Cluster Sampling with application in Estimating Average Student Enrolment in a Class, 24th Annual Conference of SSCA, Special Proceedings ISBN # 978-81-950383-1-2, on February 23-27, 2022, pp.107-113. 3. Manish Trivedi and Purnendukisor Bandyopadhyay (2022), An Improved Class of Post-stratified Cluster Estimators with Application in Indian School Education, <i>International Journal in Agriculture and Statistical Sciences</i>, Vol 18, Supplement 1, pp. 1601-1607, 2022. 	
		Presentation of papers in seminars/conf.	4 papers	
		Pre-PhD thesis presentation	January 20, 2023	
		The list of Examiners 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 Mr. Purnendukisor Bandyopadhyay (Enrolment No. 173101972) 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.		
	SB 71.10.5	To consider and approve the Programme Launch Form	SB 71.10.5	

		(PLF) of M.Sc. (Applied Statistics) programme.	
	Matter for Discussion	The Programme Proposal Form (PPF) of M.Sc. (Applied Statistics) programme has been approved in the 67 th School Board of School of Sciences held on July 22, 2021 and 61 st APC held on September 20, 2021. Subsequently, the Programme Development Form (PDF) and Project Proposal Report (PPR) of the M.Sc. (Applied Statistics) programme were approved in the 69 th School Board of School of Sciences held on 05 th April 2022, and the same were approved by 57 th Meeting of the Academic Council's Standing Committee held on 09 th June, 2022 and consequently by the Academic Council in its 78 th meeting held on 13 th June 2022. The Programme Launch Form (PLF) of M.Sc. (Applied Statistics) programme is placed before the School Board for its consideration and approval.	
	Decision of SB	The School Board deliberated on the Programme Launch Form (PLA) of the M.Sc. (Applied Statistics) programme and then approved it for further consideration and approval of the Academic Programme Committee.	
	SB 71.10.6	To consider and approve the consolidated lists of Course Writers for courses- MST-017, MST-018, MST-020, MST-023, MSTE-011 and MSTL-012, of M.Sc. (Applied Statistics) programme.	SB 71.10.6
	Matter for Discussion	The consolidated lists of the Course Writers of five Theory Courses MST-017: Applied Regression Analysis, MST-018: Multivariate Analysis, MST-020: Survey Sampling and Design of Experiments II, MST-023: Research Methodology and MSTE-011: Operations Research and one Lab Course MSTL-012: Statistical Computing using R-II of M.Sc. (Applied Statistics) programme were placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the consolidated lists of course writers for M.Sc. (Applied Statistics) Programme and recommended the same for the approval of the competent authority.	
	SB 71.10.7	To consider and approve the consolidated lists of Course Editors of five Theory courses (MST-015, MST-017, MST-020, MST-023 and MSTE-011) and two Lab Courses (MSTL-011, MSTL-012) of M.Sc. (Applied Statistics) programme.	SB 71.10.7
	Matter for Discussion	The consolidated lists of the Course Editors of five Theory Courses MST-015: Introduction to R Software, MST-017: Applied Regression Analysis, MST-020: Survey Sampling and Design of Experiments II, MST-023: Research Methodology, MSTE-011: Operations Research and two Lab Courses MSTL-011: Statistical Computing Using R-I and MSTL-012: Statistical Computing Using R-II of M.Sc. (Applied Statistics) programme were placed before the School Board for its consideration and recommendation.	

	Decision of SB	The School Board of School of Sciences considered the consolidated list of course editors for M.Sc. (Applied Statistics) Programme and recommended the same for the approval of the competent authority.	
SB 71.11	To consider and approve agenda Items pertaining to the PGDESD programme and BEVAE-181 course.		
	SB 71.11.1	To consider and approve additional lists of Paper setters and Evaluators for the courses MED-001, MED -002, MED-003, MED-005, MED-006 and MED-007 for PGDESD programme.	SB 71.11.1.1 SB 71.11.1.2
	Matter for Discussion	The programme coordinators of PGDESD programme proposed the additional lists of paper setters and evaluators for the courses MED-001 (Understanding the Environment), MED-002 (Sustainable Development: Issues and Challenges), MED-003 (Energy and Environment), MED-005 (Integrated Environmental Management: Rural and Urban), MED-006 (Natural Resource Management) and MED-007 (Agriculture and Environment). The additional lists of paper setters and evaluators were placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the additional lists of paper setters and evaluators for the courses of PGDESD Programme and recommended the same for the approval of the competent authority.	
	SB 71.11.2	To consider and recommend list of paper setters and members of moderation board for the Ability Enhancement Compulsory Course on Environmental Studies (BEVAE-181).	SB 71.11.2.1 SB 71.11.2.2
	Matter for Discussion	The lists of Paper Setter and Members of Moderation Board proposed by the Course Coordinator for the Ability Enhancement Compulsory Course on Environmental Studies (BEVAE-181) were placed before the School Board for its consideration and recommendation.	
	Decision of SB	The School Board of School of Sciences considered the list of paper setters and members of moderation board for the Ability Enhancement Compulsory Course on Environmental Studies (BEVAE-181) and recommended the same for the approval of the competent authority.	

The meeting ended with thanks to the Chair.

Meenal Mishra

प्रो. मीनाल मिश्रा / Prof. Meenal Mishra
CHAIRPERSON AND DIRECTOR, SOS
 विज्ञान विभाग / School of Sciences
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