



Confirmed
19-4-22

विज्ञानसंकाय
दिल्लीविश्वविद्यालय
FACULTY OF SCIENCE
UNIVERSITY OF DELHI

MINUTES

BOARD OF RESEARCH STUDIES FOR SCIENCE

A meeting of the Board of Research Studies (Science) was held on Tuesday, 15 February, 2022 at 11.00 am via online mode on Google Meet <http://meet.google.com/zjf-nivt-ydc>.

The following members attended the meeting:

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| 1. Prof. A.K. Prasad | Chairman, BRS (Science) |
| 2. Prof. Debi Prasad Sarkar | V.C. Nominee |
| 3. Prof. Daman Saluja | Director, ACBR |
| 4. Prof. Suman Lakhanpaul | Head, Department of Botany |
| 5. Prof. B.C. Chaudhary | Head, Department of Physics & Astrophysics |
| 6. Dr. Anupa Sidhu | Head, Department of Home Science |
| 7. Prof. Radhey Shayam Sharma | Nominee of HOD, Department of Env. Studies |
| 8. Prof. N.C. Pant | Nominee of HOD, Department of Geology |
| 9. Prof. M.K. Singh | Member, Department of Anthropology |
| 10. Prof. K. Natarajan | Member, Department of ACBR |
| 11. Prof. Renu Deswal | Member, Department of Botany |
| 12. Prof. Rama Kant | Member, Department of Chemistry |
| 13. Dr. Geeta Trilok Kumar | Member, Institute of Home Economics |
| 14. Prof. Neeta Sehgal | Member, Department of Zoology |
| 15. Dr. Priya Panjabi Massand | Member, Department of Botany |
| 16. Dr. D.T. Masram | Member, Department of Chemistry |
| 17. Dr. Ajay Kumar Yadav | Member, ACBR |
| 18. Dr. Gyan Prakash Sharma | Member, Environmental Studies |
| 19. Dr. Uma Choudhry | Member, ACBR |
| 20. Dr. V. Prabhavathi | Member, Department of Botany |
| 21. Dr. Anita Malhotra | Member, Department of Home Science |
| 22. Dr. Vipin Gupta | Member, Department of Anthropology |
| 23. Dr. C.S. Seth | Member, Department of Botany |
| 24. Dr. Manisha Yadav | Member, ACBR |
| 25. Dr. Kalyan Yakkala | Member, Environmental Studies |
| 26. Dr. Amita Walia | Member, Department of Home Science |

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Prof. A.K. Prasad, the Chairman of the Board of Research Studies (Science) welcomed all the members & presented the agenda items. Ms. Sakshi Kumar, Section Officer (Science) along with Mr. B.C. Shukla, Sr. Assistant and Ms. Priti Nagpal from Faculty Office assisted in the deliberations. With the permission of the Chairman, BRS (Sc.), supplementary agenda of the Department of Chemistry were received and added in the present meeting at Sr.No. 6 (37 & 38), Sr.No. 8 (10), and Sr.No. 24 are approved.

1. The minutes of the BRS (Science) meeting held on 17.11.2021 was read and confirmed.
2. The actions taken by the Chairman, BRS (Science) on the following items were reported and confirmed:
 - (a) Confirmation of Provisional admission of following Ph.D. scholars were considered and approved.

<u>S.No.</u>	<u>NAME</u>	<u>DEPARTMENT</u>	<u>SUPERVISOR</u>
1.	Mr. Sachin Bhardwaj	ACBR	Prof. Ajay Kumar Yadav
2.	Ms. Shelly Aggarwal	ACBR	Prof. Daman Saluja
3.	Ms. Ruchi Verma	Home Science	Dr. Lalita Verma
4.	Ms. Aprajita Sharma	Home Science	Dr. Aparna Khanna
5.	Ms. Surbhi	Home Science	Dr. Sarita Anand
6.	Ms. Richa Dhir	Home Science	Dr. Archana Kumar
7.	Ms. Nidhi	Home Science	Dr. Archana Kumar
8.	Ms. Divya Kalra	Home Science	Dr. Mani Bhaskar Kalra
9.	Ms. Divjyoti Kaur	Home Science	Dr. Anita Malhotra & Dr. Piyush Ranjan
10.	Ms. Anjana	Physics & Astrophysics	Prof. Amita Chandra
11.	Ms. Saumya	Physics & Astrophysics	Prof. Kirti Ranjan & Prof. Ashutosh Bhardwaj
12.	Mr. Shiva Lamichhne	Physics & Astrophysics	Dr. Arijit Chowdhuri
13.	Mr. Vishal Gupta	Physics & Astrophysics	Dr. Lalit Kumar
14.	Mohd. Sirtaz	Physics & Astrophysics	Prof. P.D. Gupta
15.	Mr. Ankit Kadian	Physics & Astrophysics	Prof. S. Annapoorni
16.	Mr. Jitender	Physics & Astrophysics	Prof. P.D. Gupta

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b) Cancellation of registration of following Research Scholars from the Ph.D. rolls were considered and approved.

S.No.	Name	Department	Name of Supervisor	Reasons for cancellation
1.	Mr. Vishal Tiwari	Chemistry	Dr. Ramendra Pratap	Got a job
2.	Ms. Gurleen Kaur Gulati	Chemistry	Dr. Satish Kumar	Personal Reasons
3.	Ms. Loveleen Kaur Gulati	Chemistry	Dr. Satish Kumar	Personal Reasons
4.	Ms. Simran Arora	Chemistry	Prof. Raj Kishore Sharma	Wants to prepare for UPSC other Exams
5.	Ms. Swati	Home Science	Dr. Charu Gupta	Due to her health problems
6.	Ms. Deepika Jain	Physics & Astrophysics	Prof. Amarjeet Kaur	Personal reasons
7.	Mr. Pradeep Kumar	Physics & Astrophysics	Prof. S.K. Kar	Personal Reasons
8.	Ms. Priyanka Kumari	ACBR	Prof. K. Natrajan	Due to her health issues

3. The Provisional admission of 147 students to the Ph.D. Programme in the subjects noted against each as per detail mentioned hereunder were considered and approved. By an oversight name of Ms. Wareesha Anwar from the Department of Home Science was not included in Agenda, however it was pointed out by Dr. Anupa Sidhu, Member BRS, during the meeting. Now it is included at Sr. No. 129 and approved. As per the supplementary agenda received from Department of Chemistry,

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Dr. Firsat Hussain refused to take foreign student namely Ms. Amat-Al Rahman Ahmed Yehya Othman placed at Sr.No. 55. The BRS authorized the Head, Department of Chemistry to suggest the name of another Supervisor in place of Dr. Firsat Hussain and report it in the next meeting of BRS (Science). The matter of appointing Co-supervisor was discussed in detail in the meeting. All members present in the meeting agreed that the co-supervisor should have sufficient time to mentor the student. In view of this, the recommendation of DRC of ACBR to appoint Professor Ramesh Chandra as Co-supervisor for students at Sr. No. 25 and 26 namely Mr. Pankaj Sharma and Ms. Tanya Goel was not approved because he has less than five months only to superannuate.

Following cases for Provisional Registration to Ph.D. Programme were considered and approved.

DEPARTMENT OF ANTHROPOLOGY

<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
1.	Mr. Diakite Mamadou (Foreign Student)	ICCR	"The Contribution of Shea Nuts to the Improvement of the Living Conditions of the Women of the Siba Denba Gnouman Cooperative in the Rural Commune of Sanankoba/Kat/Cercle"	Dr. M. Kennedy Singh, Asstt. Prof., Deptt. of Anthropology
2.	Ms. Seyielenuo Suokhrie	NET	"Nutritional Status and Hypertension Among Adult Individuals of a Mendelian Population in the State of Punjab, India"	Dr. N. Kiranmala Devi, Associate Prof., Deptt. of Anthropology
3.	Mr. K.C. John Calvin Lalremsanga	NET	"Differential Fertility Rates and Genetic Risk Factors Among Mizo Population of Churachandpur and"	Dr. Suniti Yadav, Asstt. Prof., Deptt. of Anthropology

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
4.	Ms. Preeti Singh	NESC	"Molecular Mechanisms in Post-Covid-19 Myocardial Infarction: A Case-Control Study from North India"	Dr. Suniti Yadav, Asstt. Prof. Deptt. of Anthropology, D.U. and Dr. Sandeep Seth, Prof., Deptt. of Cardiology, AIIMS and
5.	Ms. Apoorva Sharma	ICMR-JRF	"Reproductive Health of Young Adult Females A cross-sectional Study from Delhi NCR Region"	Prof. K.N. Saraswathy, Prof., Deptt. of Anthropology
6.	Mr. Ayuk Sarungbam	NON-NET	"Epidemiological Burden of Substance Abuse in the Youth of Manipur"	Dr. Vipin Gupta, Associate Prof., Deptt. of Anthropology
7.	Ms. Lipika Nath	NON-NET	"Tamang Indigenosity: Changes and Continuities an Anthropological Study at Tamang Gaon, District Darjeeling, West Bengal"	Dr. M. Kannedy Singh, Asstt. Prof., Deptt. of Anthropology
8.	Mr. Shagolshem Santhalen Singh	NON-NET	"Socio-Economic Life of Meitei's in Andro Village, Manipur: An Anthropological Study"	Dr. M. Kannedy Singh, Asstt. Prof., Deptt. of Anthropology
9.	Mr. Sumit Mishra	NET JRF	"Prevalance of ADHD and Cluster B in young adults in Delhi"	Dr. N. Kiranmala Devi, Associate Prof., Deptt. of Anthropology
10.	Ms. Jyoti Verma	UGC NON-NET	"Development of Latent Fingerprints on various leaves as a forensic Evidence"	Prof. P.R. Mondal, Prof., Deptt. of Anthropology
11.	Ms. Tongbram Sarika Devi	NON-NET	"Morphophysiological Health and Mental Health among the Collegiate Athletes in Manipur"	Dr. Shivani Chandel, Asstt. Prof., Deptt. of Anthropology
12.	Ms. Guncha Babbar	NET-JRF	"Cross Comparative Impact Assessment of E-Governance and its Power Dynamics in India Resulting in chages in Policy Formation"	Prof. Manoj Kr. Singh, Prof., Deptt. of Anthropology
13.	Mr. Anurag Vaishnav	Project Fellowship (GARBH)	"Longitudinal Assessment of changes in body size during early childhood"	Dr. Vipin Gupta, Associate Prof., Deptt. of Anthropology

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
14.	Ms. Vaidehi Goswami	NON-NET	"Study of Nutritional Status, Hypertension & Mental Health Among Adolescents of 40ND Tribe in Sagar District (Madhya Pradesh)"	Dr. Shivani Chandel, Asstt. Prof., Deptt. of Anthropology
15.	Ms. Shreyashee Pandey	NON-NET	"Social And Mental Health of Border Communities"	Dr. Chakraverti Mahajan, Asstt. Prof., Deptt. of Anthropology
16.	Ms. Dreeti Hazarika	NON-NET	"Changes and Continuities Among the Mishings of Assam"	Dr. R.P. Mitra, Professor, Deptt. of Anthropology
17.	Mr. Daipayan Ghosh	NON-NET	"Political Ecology of Land and Livelihood in Bankura Region of West Bengal"	Dr. R.P. Mitra, Professor, Deptt. of Anthropology
18.	Ms. Smriti	NON-NET	"Household Economy and Women's Agency in Delhi NCR"	Prof. Soumendra M. Patnaik, Prof., Deptt. of Anthropology
19.	Ms. Sonuja Nandinee Barik		"Women and Mental Health Issues in Urban Households in Twin Cities of Cuttack and Bhubaneswar, Odisha"	Prof. Soumendra Mohan Patnaik, Prof., Deptt. of Anthropology
20.	Ms. Archita Tandon	NON-NET	"Anthropological Assessment of Maternal Experiences of Labour Pain During Childbirth"	Dr. Vipin Gupta, Associate Prof., Deptt. of Anthropology
21.	Ms. Saheli Dey	NON-NET	"Spontaneous Abortion among The Adult Females of Urban Areas in West Bengal, India"	Dr. Suniti Yadav, Asstt. Prof., Deptt. of Anthropology

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DEPARTMENT OF ACBR

<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
22.	Ms. Akshita Singh	DBT JRF (Cat-1)	"Regulation and Function of C-type lectin Receptor in modulation of innate immunity to mycobacteria"	Prof. K. Natarajan, ACBR
23.	Ms. Neha Panwar	GATE (NON-NET)	"Development of Curcuminoids and their combination in GB therapy"	Prof. Pratibha Mehta Luthra, ACBR & Prof. Manisha Tiwari, ACBR
24.	Ms. Sushmita Pandey	GATE (NON-NET)	"The Effect and Pathogenesis of Alcoholic Liver Disease on Liver and Brain Injury"	Prof. Anju Katyal, ACBR
25.	Mr. Pankaj Sharma	CSIR-UGC NET (LS)	"Design, Development and Evaluation of Inhalable Self-Assembled Nanomicelles of 9-Amino-Noscapine Customized for the Treatment of Non-small Cell Lung Cancer "	Prof. Manisha Tiwari, ACBR
26.	Ms. Tanya Goel	DST-INSPIRE/ GATE	"Design and Optimization of Biocompatible Optical Nanostructures for Anticancer Applications"	Prof. Manisha Tiwari, ACBR,
27.	Mr. Lucky	CSIR-UGC NET (JRF)	"Mechanism Based Design And Development of Targeted Therapy for Addressing Human Disease"	Prof. Madhu Chopra, ACBR
28.	Ms. Saksham Meena	CSIR-NET JRF	"Characterization of Novel Inhibitors against New Delhi Metal O-B-Lactamase (NOM) in Urinary Tract Infections"	Prof. Manisha Yadav, ACBR
29.	Ms. Venus	GATE	"Characterization of Inflammasome Inhibitors in Urinary Tract Infection"	Prof. Manisha Yadav, ACBR
30.	Ms. Prerna Bansal	GATE	"Elucidating The Role And Mechanism of NOD-Like Receptors in Infectious diseases"	Prof. Manisha Yadav, ACBR
31.	Mr. Rahul Verma	CSIR-NET (JRF)	"Effect of ep-solutes in protein folding Aggression"	Prof. Laishram Rajendra Kumar Singh, ACBR
32.	Mr. Sanjay	NON-NET, GATE	"Whitania Somnifera Plant Extract Treatment In duces Onceprotein degradation"	Prof. Ajay Yadav, ACBR

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33.	Ms. Kajal Sharma	DST-INSPIRE	"Effect of Ionic Liquids On Candida Albicans AMR And Its Detection By Biosensors"	Dr. Meenakshi Sharma, Asstt. Prof., ACBR
34.	Ms. Pragati Yadav	UGC-CSIR NET	"Search of Novel Phytochemical to Overcome AMR In Acinetobacter Baumannii"	Dr. Meenakshi Sharma, Asstt. Prof., ACBR
35.	Mr. Tarun Kumar	DBT-JRF/CSIR-JRF	"Structural and Functional Evaluation of Viral Proteins to Identify and Validate Anti-Virals"	Dr. Sanjay Kumar Dey, Asstt. Prof., ACBR
36.	Ms. Diksha Rani	DBT-JRF	"Structural Functional Characterization of Non-traditional (Human) Protein to Decipher its Role in Atherosclerosis & related Disorders for Therapeutic Intervention"	Dr. Sanjay Kumar Dey, Asstt. Prof., ACBR
37.	Ms. Mansi Sharma	CSIR-UGC LS NET (NON-NET)	"Mitigation of Anti Microbial Resistance in Fresh Produce"	Prof. Uma Chaudhary, Deptt. of Biomedical Science, BCAS
38.	Ms. Alka Yadav	UGC-CSIR-NET-LS (DEC 2017) DU (NON-NET)	"Study of Asymptomatic Alzheimer's Disease Brain Proteome Using Proteogenomics"	Dr. Uma Dhawan, Associate Prof., Deptt. of Biomedical Science, BCAS
39.	Ms. Nikita Verma	JOINT-CSIR UGC NET-JRF (UGC Fellowship)	"Engineered Cationic Amphiphiles for Biomedical Applications"	Dr. Uma Dhawan, Associate Prof., Deptt. of Biomedical Science, BCAS
40.	Ms. Akanksha Negi	ICMR JRF	"Polymeric Nanoparticles: Design, Synthesis And Their Applications in Drug Delivery"	Prof. Gagan Dhawan, Deptt. of Biomedical Science, AND College & Dr. Pradeep Kumar, Scientist, CSIR-IGIB

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
41.	Mr. Vadant Soni	CSIR-NET (JRF)	"Role of Microbiota Derived Metabolites in Immune Checkpoint Blockade Immunotherapy Colorectal Cancer"	Prof. Gagan Dhawan, Deptt. of Biomedical Science, AND College

DEPARTMENT OF BOTANY

42.	Ms. Komal Jalan	Project Fellow	"Functional Analysis of Regulatory genes in Development"	Prof. Sandip Das, Department of Botany
43.	Ms. Tripti	CSIR-NET-JRF	"Application of Biotechnological tools in evaluating biochemical and in vitro morphogenic response of commercially important plants"	Dr. Atika Chandra, Associate Professor, Deptt. Of Botany, Maitreyi College. Prof. Rajesh Tondon, Department of Botany
44.	Mr. Nitin Joshi	UGC-NET-JRF	"Assessing impact of Climate change on some medicinally important trees."	Prof. Charu Khosla Gupta, Department of Botany, AND College, University of Delhi
45.	Ms. Kajal Taneja	CSIR-NET JRF	"Regulation of stress response in G protein downstream signaling."	Prof. Yashwanti Mudgil, Department of Botany, University of Delhi.
46.	Ms. Chandana Kumari Jha	CSIR-UGC-JRF	"Study on nanoparticles mediated abiotic stress management in Plant"	Dr. Chandra Shekhar Seth, Department of Botany, University of Delhi.
47.	Ms. Poulami Goswami	Project JRF	"Genomic Studies on the oil seed crop Carthamus Tinctorius (safflower)"	Prof. Arun Jagannath, Department of Botany, University of Delhi
48.	Ms. Nidhi Kumari	NET-JRF	"Pufa Enhancement in Microalgae through growth Parameter changes, Mutagenesis and transformation techniques."	Prof. Girish Mishra, Deptt. of Botany, D.U.
49.	Ms. Sadhna	UGC-CSIR-JRF	"Analysis of Plants functional traits in Delhi-NCR"	Dr. Sachchidanand Tripathi, DDU College, Department of Botany Dr. Rajkumari S. Devi, Associate Professor, DDU College, Department of Delhi,

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50.	Ms. Priya Yadav	CSIR-UGC-NET/JRF	"Elucidating salinity stress pathways mediated through plant hormones and beneficial fungi to sustain productivity under environmental stress."	Dr. Mohammad Wahid Ansari, Assistant Professor, Zakir Hussain Delhi College, University of Delhi
51.	Ms. Nishi Tomar	DST-Inspire Fellowship	"Plant microbe interactions"	Prof. Rupam Kapoor, Department of Botany, University of Delhi.
52.	Mr. Arpit Jindal	Non-Net (UGC)	"Study on Plant Growth Regulators mediated abiotic stress management in Plant."	Dr. Chandra Shekhar Seth, Associate Professor, Department of Botany.

DEPARTMENT OF CHEMISTRY

53.	Ms. Eshtiag Abdalla Ibrahim Mohamed (Foreign Student)	ICCR	"Organometallic Chemistry of Ruthenium Supported With Electronic-Variable Ligands"	Prof. Rajeev Gupta, Deptt. of Chemistry
54.	Ms. Angelina Isa Makaye (Foreign Student)	ICCR		Prof., A.K. Prasad, Deptt. of Chemistry
55.	Ms. Amat-Al Rahman Ahmed Yehya Othman	ICCR		Dr. Sasanka Deka; Deptt. Of Chemistry
56.	Ms. Anjali Solanky	Entrance	"Synthesis of Nitrogen Based Heterocycles from Ketenedithioaetal"	Dr. Ramendra Pratap, Associate Prof., Deptt. of Chemistry
57.	Mr. Sachin	NON-NET	"Synthesis of Transitionmetal complexes for Asymmetric Organic Transformation"	Dr. Surendra Singh, Associate Prof., Deptt. of Chemistry
58.	Mr. Inderjeet Singh	DUET	"Synthesis and Characterization of Technologically Important Solids"	Prof. Rajamani Nagarajan, Deptt. of Chemistry
59.	Ms. Kritika Mahajan	NON-NET	"Electrochemical Impedance Spectroscopy on Rough Electrodes"	Prof. Rama Kant, Deptt. of Chemistry

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60.	Mr. Mohit	Entrance	"Synthesis of Biologically relevant Organic Molecules"	Prof. Diwan Singh Rawat, Deptt. of Chemistry
61.	Ms. Mitali	NON-NET	"Protein- Protein Dimer Affinities of Intrinsically Disordered Proteins and Their Mutants"	Prof. Parbati Biswas, Deptt. of Chemistry
62.	Ms. Monika	GATE-2020	"Alkyne Assisted Contraction of Small Molecules of Biological Importance"	Prof. Akhilesh K. Verma, Deptt. of Chemistry
63.	Mr. Ram Kumar	NET	"Design and Synthesis of Colorimetric and Fluorimetric Sensors and their Applications"	Prof. Balaram Pani, Deptt. of Chemistry, BCAS
64.	Mr. Sanjit Kumar	NON-NET	"Synthesis of Transition Metal Oxide Hybrid Catalyst for Upcycling of Plastic Waste"	Dr. Saroj Kumar Shukla, Associate Prof., Deptt. of Polymer Science, BCAS
65.	Ms. Deepika	DST INSPIRE	"Multimodal Nanoparticles for Biomedical Applications"	Prof. Indrajit Roy, Deptt. of Chemistry
66.	Ms. Vandana Yadav	DST/Inspire	"Solid State Chemistry of Mixed Metal Oxides"	Prof. S. Uma, Deptt. of Chemistry
67.	Ms. Himanshi Bansal	DST-Inspire Fellowship	"Designing Novel Covalent Organic Frameworks (COFs) Physio-Chemical Characterisation & Their Applications"	Dr. Dhanraj T. Masram, Associate Prof., Deptt. of Chemistry
68.	Ms. Archana	CSIR-UGC JRF	"Carbon Nanomaterials: Synthesis, Characterization and their applications"	Dr. Dhanraj T. Masram, Associate Prof., Deptt. of Chemistry
69.	Mr. Bachan Meena	NET	"Metal Complexes: Synthesis, characterization and applications"	Dr. Dhanraj T. Masram, Associate Prof., Deptt. of Chemistry
70.	Ms. Ritu	NET-JRF	"Developing Small Molecule Mimics for Proton And CO ₂ Reduction"	Dr. Sandeep Kaur, Associate Prof., Deptt. of Chemistry
71.	Ms. Riya Chaudhary	DST-Inspire	"Use of Snjan Molecules for the Synthesis of Value-added Compounds"	Prof. A.K. Prasad, Deptt. of Chemistry
72.	Ms. Akanshi Gupta	CSIR NET JRF	"Nano-Bio-Materials"	Prof. M. Thirumal, Deptt. of Chemistry

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73.	Mr. Jatin Jain	CSIR NET JRF	"Inorganic Nanoparticle: Synthesis and applications"	Prof. Rakesh Kumar Sharma, Deptt. of Chemistry
74.	Mr. Vedprakash Meena	CSIR-NET JRF	"Design and Development of Novel Biomaterial for Biomedical application"	Prof. Rakesh Kumar Sharma, Deptt. of Chemistry
75.	Mr. Ashish	JRF	"Nanomaterials Synthesis, Characterization and Applications"	Prof. Vinay Kumar Singh, Deptt. of Chemistry, Sri Aurobindo College
76.	Ms. Sonali	NFOBC	"Theoretical and Experimental Investigation of Kinetics and Mass Transport on Modified Electrodes"	Prof. Ram Kant, Deptt. of Chemistry
77.	Ms. Simran Aggarwal	CSIR-NET	"Design and Synthesis of Antimicrobial Components"	Prof. Satish Kumar Awasthi, Deptt. of Chemistry
78.	Mr. Manjeet Dhama	CSIR-NET JRF	"Nano-Architected Assemblies for Organic Transformations"	Prof. Subho Mozumdar, Deptt. of Chemistry
79.	Ms. Sukriti Santra	NTSE	"Synthesis of Biologically Active Heterocycles"	Prof. Diwan Singh Rawat, Deptt. of Chemistry
80.	Mr. Pradeep Rawat	UGC NET JRF	"Additives Behavior on Thermoresponsive Polymers"	Prof. P. Venkatesu, Deptt. of Chemistry
81.	Mr. Deepak Chahar	CSIR-JRF	"Protein Folding in Presence of Nanoparticles"	Prof. P. Venkatesu, Deptt. of Chemistry
82.	Ms. Rupali Mittal	UGC-JRF	"Linear and Non-Linear Optical Responses of Nano-Scale Materials"	Dr. Ram Kuntal Hazra, Associate Prof., Deptt. of Chemistry
83.	Mr. Kartik Jain	NET JRF	"Synthesis and Characterization Studies of Organo Metallic Complexes"	Dr. Rajeev Singh, Associate Prof. Deptt. of Chemistry, ARSD College
84.	Mr. Vishnu Kumawat	Teacher Fellow	"Synthesis, Characterisation and Biological Studies of Organometallic Complexes"	Dr. Rajeev Singh, Associate Prof. Deptt. of Chemistry, ARSD College
85.	Ms. Achala	Inspire	"Oxidative Cascade/Tandem Annulation Reactions for Synthesis of Biologically Active Heterocyclic Compounds"	Dr. K. Gopalaiah, Associate Prof., Deptt. of Chemistry

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86.	Ms. Upma	DST-INSPIRE	"Coordination Complexes Offering Hydrogen Bonding Functional Groups"	Prof. Rajeev Gupta, Deptt. of Chemistry
87.	Ms. Nikita Goel	JRF	"Design and Synthesis of Trifluoromethylated/Triethoxyacetylated Heterocycles of Biological Importance"	Prof. Sunita Bhagat, Associate Prof., Deptt. of Chemistry, ARSD College
88.	Ms. Kunika Saini	NET-JRF	"Designing Novel DPP-4 Inhibitors for Treating Type-2 Diabetes Mellitus"	Dr. Smriti Sharma Bhatia, Deptt. of Chemistry, Miranda House
89.	Ms. Himanshi	Project Fellow	"Lead Optimization Studies of Potent Multistage Antimalarials"	Dr. Brijesh Rathi, Asstt. Prof., Deptt. of Chemistry, Hansraj College
90.	Mr. Jitender Kumar	CSIR-JRF	"Development of Energy Storage Materials"	Prof. Raj K. Sharma, Deptt. of Chemistry
91.	Ms. Princee	Inspire Fellowship	"Development of Energy Storage Electrodes"	Prof. Raj Kishore Sharma, Deptt. of Chemistry
92.	Ms. Simran	JRF NET-UGC	"Development of Materials for Energy and Sourcing Devices"	Prof. Raj Kishore Sharma, Deptt. of Chemistry
93.	Mr. Harsh Vardhan Meena	Teacher Fellow	"Investigate The Interaction of Commonly Used Drugs With Metalsalts: DFT Calculations"	Prof. Prashant Singh, Deptt. of Chemistry, ARSD College
94.	Mr. Abhinav	JRF NET-UGC	"Development of Nanostructured Electrocatalyst for Efficient Water Splitting"	Dr. Sasanka Deka, Associate Prof., Deptt. of Chemistry
95.	Ms. Sukriti Mishra	Inspire Fellowship	"Design and Synthesis of Antimalarial Compound"	Prof. S.K. Awasthi, Deptt. of Chemistry

DEPARTMENT OF PHYSICS & ASTROPHYSICS

96.	Ms. Chinkey	NON-NET	"Growth of Transition Metal Dichalcogenides for Sensing Applications"	Prof. Momika Tomar, Deptt. of Physics, Miranda House
97.	Mr. Amit Kumar	Not mentioned	"Energy Storage Devices Based on Quasi-Solid-State Polymer Electrolytes"	Prof. S.A. Hashmi, Deptt. of Physics

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98.	Ms. Manisha	NON-NET GATE	"Structure and Transport Properties of Advanced Cathode Materials"	Prof. S. Murugavel, Deptt. of Physics
99.	Ms. Ravina	NON-NET	"Laser Plasma Interaction"	Dr. D.N. Gupta, Associate Prof. Deptt. of Physics
100.	Mr. Kanshokmi Tuithung	Non-Net	"Study of Quark-Gluon Plasma Formation in Early Universe"	Prof. S. Somorandro Singh, Deptt. of Physics
101.	Ms. Sharmila	SSPL, DRDO	"Experimental Condensed Matter Physics"	Dr. P. Senthil Kumar, Associate Prof., Deptt. of Physics
102.	Ms. Urvashi	CSIR-UGC JRF	"Variabilities in accreting compact objects"	Dr. Chetana Jain, Associate Prof., Hansraj College & Prof. T.R. Seshadri, Deptt. of Physics
103.	Mr. Nitesh Kumar Rawat	Joint CSIR UGC NET JRF	"Magnetic Thin Films And Multilayers"	Prof. S. Annapoorni, Deptt. of Physics
104.	Ms. Pragati Chauhan	DST Inspire-JRF	"Charge Transport Mechanism in Phase Change Memory Materials"	Prof. S. Murugavel, Deptt. of Physics
105.	Ms. Bharti	NET-JRF	"Thin Films and Multilayers "	Dr. Sumalay Roy, Asstt. Prof., Deptt. of Physics
106.	Ms. Thiarna Dison Kusuma Dewo Harahap (Foreign Student)	ICCR Scholarship	"Experimental Condensed Matter Physics"	Dr. P. Senthil Kumar, Associate Prof., Deptt. of Physics
107.	Ms. Sayali Sudhir Gadre	JRF Project Fellowship	"Nanodos: Syathesis of Nanophosphors and Spin-Trapping Nanocrystals as Energy Independent Desimeters for Radiotherapy beams"	Prof. Anant Pandey, Deptt. of Physics

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DEPARTMENT OF HOME SCIENCE

<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
108.	Ms. Thanlina Sharon Kahmei	ST Fellowship	"Role of Women in Sustainable Development: Maximising The Economic, social & Environmental Role of Tribal Women in Manipur"	Dr. Shanta R. Kerketta, Associate Prof., RMDA Deptt.
109.	Ms. Madiha Zaeem	Non-Net	"A Study on Start UPS Initiated for Social Benefits"	Dr. T.G. Rupa, Associate Prof., Deptt. of Resource Management and Design Application, LIC
110.	Ms. Umang Chauhan	NET-JRF	"Digital Technology a Path to Women Empowerment Through Self-Help Groups: A Study of Uttarakhand State in India "	Dr. Archana Kumar, Associate Prof., DCE,
111.	Ms. Sylvia Anun Haokip	ST Fellowship	"Early Marriage and It's Impact on Adolescent Mothers: A Study Among The Thadou Kuki Women of Manipur"	Dr. Savita Anand, Associate Prof. Deptt. of DCE, LIC
112.	Ms. Neha	Non-Net	"Fundraising: Tools, Techniques and Challenges Faced by NGO's Working in the Development Sector"	Dr. Aparna Khanna, Associate Prof., DCE
113.	Ms. Sakshi Agarwal	NET+JRF	"Extraction of Fibres From Cucumber Ccucumis Sativus Vines"	Dr. Sabina Sethi, Associate Prof., Fabric And Apparel Science
114.	Ms. Shikha Singh	NET-JRF	"Investigating Consumer Attitudes and Intention Towards Collaborative Clothing Consumption"	Dr. Jyoti Aggarwal, Associate Prof.
115.	Ms. Ankita Singh	UGC-NET JRF	"A Study on Extraction and Appliction of Himalayan Nettle Fibres In Textiles"	Dr. Deepali Rastogi, Associate Prof., Deptt. of Fabric and Apparel Science, LIC
116.	Ms. Monika	NET National Fellowship for SC Student	"The Traditional Textile Weaving Crafts of Gujarat and Rajasthan Potential and Prospects"	Dr. Shanta R. Karketta, Associate Prof., RMDA Deptt. LIC

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship ~(subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
117.	Ms. Nazima Choudhary	ST Fellowship	"To Study, Document and Conserve the Traditional Textiles and Costumes of the Nomadic Gujars and Bakkarwals of the Himalayan Belt"	Dr. Ritu Mathur, Associate Prof., Deptt. of Fabric and Apparel Science
118.	Ms. Dimpee	UGC-NET+JRF	"Impact of Covid-19 Pandemic on the Lives of Middle Aged Women"	Prof. Shraddha Kapoor, Deptt. of HDCS, LIC
119.	Ms. Aafreen Khan	UGC-NET-JRF	"Self Esteem, BMI, And Body Satisfaction Among Adolescents"	Dr. Richa Mehta, Associate Prof. Deptt. of Education, LIC & Dr. Lalita Verma, Associate Prof., Deptt. of FN&FT, LIC
120.	Ms. Smriti Bhatia	NON-NET Fellowship	"The Evolving Indian Family: An Ethnographic Study"	Dr. Mila Tuli, Associate Prof., HDCS Deptt., IHE & Dr. Punya Pillai, Associate Prof., LIC
121.	Ms. Shraddha Pangtey	ST Fellowship	"Ethnic Identity and Self-Concept of Adolescents of Johari Shauka"	Dr. Neelima Asthana, Deptt. of Education, LIC
122.	Ms. Niharika Arya	NET JRF	"Income Generation Opportunities for Persons with Disability in Uttarakhand"	Prof. Reema Lamba, Deptt. Home Science, HDSE
123.	Ms. Amandeep Kaur	NON- NET	"Transition of Children From Preschool to Grade-I in Schools Run by the Delhi Government"	Dr. Veenu Wadhwa, Associate Prof., Deptt. of Human Development and Dr. Reetu Chandra, Asstt. Prof., Deptt. of Elementary Education, NCERT
124.	Ms. Sana Ahmed	UGC-NET and JRF	"Effect of Low Birth Weight on Pancreatic Function in Children (10-14 years) Born Full-Term"	Prof. Eram S. Rao, Deptt. of Food & Technology, BCAS and Prof. Geeta Trilok Kumar, Director, IHE

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
125.	Ms. Manisha Singh	Non-Net Fellowship	"Process Optimization, shelf Stability and Electromyographic Evaluation of Moong Been Sprout Powder Ennuted Snackbars"	Dr. Ranjana Singh, Associate Prof., Shaheed Rajguru College of App. Science
126.	Ms. Shivani Singh	Non-Net National Fellowship for OBC Candidate	"Browntop Millet (Brachiaria Ramosa L. Stapf) Phsiochemical Properties and Scope for Inclusion in Vawe-Added Products"	Dr. Sukhneet Suri, Deptt. of Food Technology, Vivekananda College and Dr. Ranjana Singh, Associate Prof., Deptt. of Food Technology, Shaheed Rajguru College
127.	Ms. Mansi Mittal	NET	"Association Between Different Obesity Phenotypes, Nafld and Metabolic Health Among Indian Adults"	Dr. Neena Bhatia, Associate Prof., LIC and Prof. Naval K. Vikram, AIIMS, New Delhi
128.	Ms. Payal	NET	"To Compare the Effect of Time Restricted Feeding (10:14), (12:12) and Continuous Energy Restriction on Weight Loss, Body Composition and Metabolic Parameters in Obese Adults"	Dr. Neena Bhatia, Associate Prof., LIC and Prof. Naval K. Vikram, AIIMS, New Delhi
129.	Ms. Wareesha Anwar	NET-JRF	"Effect of A Lifestyle Intervention Program in Postpartum Weight Retention Among Post Delivery Women Attending A Tertiary Care Hospital"	Dr. Anita Malhotra, Associate Prof., Laxmi Bai College and Dr. Piyush Ranjan, Additional Prof., Deptt. of Medicine, AIIMS

DEPARTMENT OF GEOLOGY

130.	Ms. Tanya	MOES funded Project JRF	"Landscapes in the Anthropocene"	Dr. Vimal Singh, Associate Professor, Department of Geology, University of Delhi.
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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
131.	Mr. Vikas Kumar	CSIR-UGC-NET JRF	"Hydrochemical assessment of groundwater system in Burhi Gandak Basin, Bihar, India	Prof. Shashank Shekhar Department of Geology, University of Delhi.
132.	Ms. Rinki Kumari	CSIR-UGC-JRF	"Insight into the Geohydrological changes in parts of the Upper Yamuna Basin."	Prof. Shanshank Shekhar, Department of Geology, University of Delhi.
133.	Mr. Abhishek Kumar Pandey	CSIR-UGC-NET JRF	"The Boring billion : What story Indian Precambrian Basin Tell?"	Prof. P.P. Chakraborty, Department of Geology, University of Delhi.
134.	Mr. Dieudonne Nivyayd (Foreign Student)	ICCR Scholarship -Africa Scholarship	"Geochemical Characterization of Rocks from Gakara Region of Burundi for constraining Re mineralization conditions."	Dr. Ashima Saikia, Department of Geology, University of Delhi.

DEPARTMENT OF ZOOLOGY

135.	Ms. Apoorva Choudhary	CSIR-NET-JRF	"Molecular Oncology"	Prof. Alok Chandra Bharti, Department of Zoology, University of Delhi.
136.	Ms. Ananya Aparupa	ICMR-JRF	"Epigenetic Changes in PCOS Patients with and without insulin resistance	"Prof. Rita Singh, Department of Zoology, University of Delhi.
137.	Ms. Divya	CSIR-JRF	"Identification of Novel Insecticide targets in mosquitoes."	Prof. Sarita Kumar, A.N.D College, Department of Zoology, University of Delhi
138.	Ms. Harsha	NON-NET	"Bioactive potential of streptomycetes spp. Against diverse pathogenic fungi"	Prof. Monisha Khanna Kapur, AND College, Department of Zoology, University of Delhi.

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<u>S.No.</u>	<u>Name of the Candidate</u>	<u>Fellowship (subject to verification)</u>	<u>Topic of Research</u>	<u>Supervisor Recommended</u>
139.	Ms. Manika Sharma	UGC-JRF	"A Study of mycobacterium tuberculosis mammalian cell entry (MCE) proteins as toll-like receptors (TLR) against and as potential vaccine adjuvants."	Dr. Sadhna Sharma, Associate Professor, Miranda House, University of Delhi
140.	Ms. Nitika Sharma	Project JRF	"Evaluation of soil health from critical zone on the basis of microbial diversity and enzymatic activity in soil."	Prof. Neeta Sehgal Department of Zoology, University of Delhi.
141.	Ms. Padma Dolkar	CSIR-JRF	"Antibiotic resistance in aquatic resources"	Prof. Ram Krishan Negi, Department of Zoology, University of Delhi.
142.	Ms. Pooja Jangid	CSIR-UGC-JRF	"Role of non-ionizing electromagnetic radiation on reproductive health."	Dr. Rajeev Singh, Satyawati College, Department of Zoology
143.	Ms. Rishima Chandel	CSIR-NET-JRF	"Role of Gut Microbiome in immunomodulation during cancer progression"	"Prof Anju Shrivastava, Department of Zoology.
144.	Ms. Sneha Siwach	CSIR-UGC-JRF	"The effects of microplastics in zooplanktons present in river ganges"	Prof. Ram Krishan Negi, Department of Zoology,
145.	Ms. Soni Rani	DBT-JRF	"Novel Synthetic methodologies for heterocyclic compounds and evaluation of their biological profile."	Dr. Soma M. Ghorai, Associate Professor, Hindu College, Deptt. Of Zoology.
146.	Mr. Sukh Sandan	UGC-NFSC-JRF	"Performance of freshwater fishes fed with plant based feeds with special reference to anti nutritional factors"	Prof. Rina Chakrabarti, Department of Zoology,
147.	Ms. Debalina Chatterjee	NON-NET	"Understanding the role of Immune Micro-environment in Neuro degenerative disease in Humanized Drosophila model of HTT."	Prof. Anju Shrivastava, Department of Zoology

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4. The Board considered and approved the following Ph.D. scholars for grant of extension by the Vice-Chancellor after expiry of permissible span period of 6 years (including 6 months adjustment due to COVID-19 pandemic): -

S.No.	Name of Research Scholar	Department	Date of Registration	Extension from	Extension Upto
1.	Ms. Harmeet Kaur	Anthropology	12.01.2016	12.01.2022	11.07.2022
2.	Mr. Eche Wangnyu Konyak	Anthropology	25.01.2016	25.01.2022	24.07.2022
3.	Ms. Abha	Botany	15.01.2016	15.01.2022	14.07.2022
4.	Mr. Satya Prakash*	Botany	16.02.2015	16.02.2022	30.06.2022
5.	Ms. Sougrakpam Yaibhabi Chanu*	Botany	17.02.2015	17.02.2022	30.06.2022
6.	Ms. Priyanka Babuta	Botany	13.01.2016	13.01.2022	12.07.2022
7.	Ms. Garima	Botany	14.01.2016	14.01.2022	13.07.2022
8.	Ms. Ajay Kumar*	Botany	16.02.2015	16.02.2022	30.06.2022
9.	Ms. Aashima Mehra	Botany	13.01.2016	13.01.2022	12.07.2022
10.	Ms. Parul	Botany	13.01.2016	13.01.2022	12.07.2022
11.	Mr. Mukand Lal	Botany	13.01.2016	13.01.2022	12.07.2022
12.	Ms. Ekta Bhardwaj	Botany	13.01.2016	13.01.2022	12.07.2022
13.	Ms. Kriti Vikram	Botany	14.01.2016	14.01.2022	13.07.2022
14.	Mr. Gonmei Zenus Piuthaimei	Geology	19.01.2016	19.01.2022	18.07.2022
15.	Mr. Debojyoti Basu Roy	Geology	20.01.2016	20.01.2022	19.07.2022
16.	Ms. Suman Rani	Environmental Studies	18.06.2015	18.12.2021	17.06.2022
17.	Ms. Akriti Dhyani	Home Science	21.01.2016	21.01.2022	20.07.2022
18.	Ms. Komal Rathi	Home Science	20.01.2016	20.01.2022	19.07.2022
19.	Ms. Preetika Khenduja	Home Science	25.01.2016	25.01.2022	24.07.2022
20.	Ms. Preeti Kamboj	Home Science	20.01.2016	20.01.2022	19.07.2022
21.	Ch. Vikar Ahmed	Physics & Astrophysics	18.02.2016	18.02.2022	17.08.2022
22.	Mr. Mohit Kumar Sharma	Physics & Astrophysics	25.01.2016	25.01.2022	24.07.2022
23.	Ms. Nidhi	Physics & Astrophysics	22.01.2016	22.01.2022	21.07.2022
24.	Mr. Chakresh Jain	Physics & Astrophysics	22.02.2016	22.02.2022	21.08.2022

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25.	Ms. Dipti Munjal	Physics & Astrophysics	27.01.2016	27.01.2022	26.07.2022
26.	Mr. Shailendra Kumar	Zoology	12.01.2016	12.01.2022	11.07.2022
27.	Mr. Sumit Kumar	Zoology	14.01.2016	14.01.2022	13.07.2022

* As per notification received from the Chairperson Research Council Ref. No. Chairperson/2021/1305 dated 07th December, 2021 regarding extension given upto 30.06.2022 to terminal Ph.D. scholars.

5. The Board considered the recommendations of the Departmental Research Committee of various Science Departments & approved inclusion/addition of Co-Supervisor of the following Ph.D. scholars.

S. No.	Name of the Student	Date of Registration	Department	Name of the Supervisor	Name of Proposed Co-Supervisor
1.	Mr. Mahesh Kumar Saini*	11.11.2019	Physics & Astrophysics	Dr. Ashok Kumar	Dr. Md. Naimuddin, Associate Professor, Department of Physics & Astrophysics, Univ. of Delhi. Delhi-110007.
2.	Ms. Ravina	07.11.2017	Physics & Astrophysics	Prof. K. Sreenivas (Superannuated on 30.11.2021)	Dr. P. Senthil Kumar, Department of Physics & Astrophysics, University of Delhi, Delhi - 110007
3.	Ms. Astha Kakkar**	17.12.2018	Physics & Astrophysics	Dr. Swarnendu Sarkar	Prof. Supriya K Kar, Department of Physics & Astrophysics, University of Delhi Delhi - 7 (As Dr. Swarnendu Sarkar is on EOL with lien)
4.	Mr. Tarun Kumar***	09.06.2021	Physics & Astrophysics	Prof. Ashutosh Bhardwaj	Prof. Kirti Ranjan, Department of Physics & Astrophysics, University of Delhi, Delhi-110007

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- * Dr. Ashok Kumar is on EOL for two years. DRC authorized Dr. Md. Naimuddin as signatory authority on Salary Bills of Mr. Mahesh Kumar Saini. On checking the records, it was observed that name of Dr. Md. Naimuddin is recorded as one of his advisory member. So the DRC is advised to forward name of one advisory member in place of Dr. Md. Naimuddin.
- ** On checking the records, it was observed that name of Prof. Supriya K. Kar is also recorded as one of advisory member of Ms. Astha Kakkar. So the DRC is advised to forward name of one advisory member in place of Prof. Supriya K. Kar.
- *** On checking the records, it was observed that name of Prof. Kirti Ranjan is also recorded as one of advisory member of Mr. Tarun Kumar. So the DRC is advised to forward name of one advisory member in place of Prof. Kirti Ranjan.

5. The Board considered the recommendation of Departmental Research Committee of the following Departments and approved final title of Ph.D. thesis of following scholar as per clause E (15) of Ordinance VI dated 09.08.2017.

S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
1.	Ms. Akanksha Singh	Pror. Namita Agrawal	Zoology	"An investigation of molecular basis of lipid metabolism in <i>Drosophila</i> model of Huntington's disease"
2.	Ms. Anoushka Khanna	Prof. R.K. Seth & Dr. I. Prem Kumar	Zoology	"Novel Strategies for the management of hematopoietic form of acute radiation syndrome in experimental models".
3.	Ms. Karuna Yadav	Prof. Rajagopal Raman	Zoology	"Identification and Characterization of putative interacting protein partners of Dengue Virus envelope(E) protein in the insect vector <i>Aedes aegypti</i> ."
4.	Mr. Rohit Jamwal	Prof. Rajagopal Raman	Zoology	"Characterization of Groundnut bud necrosis virus (GBNV) and studying the interaction of virus glycoprotein (GN) with <i>Thrips palmi</i> "
5.	Ms. Pukhrambam Pushpa Devi	Prof. Rajagopal Raman	Zoology	"Cloning the genome of Groundnut bud necrosis virus (GBNV) and attempting to generate infectious virus in vitro from cDNA clones."

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S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
6.	Mr. Shekhar Nagar	Prof. Ram Krishan Negi, Prof. Yogendra Singh & Prof. Rup Lal	Zoology	"Exploring the microbial diversity and functional dynamics of a meso-thermic Himalayan hot spring Khirganga, India using (meta) genomics."
7.	Ms. Nisha Singh	Prof. Anju Shrivastava & Prof. Vinod Kumar	Zoology	"A study of sleep and mood related behaviors in female students."
8.	Ms. Kavita Rawat	Prof. Anju Shrivastava	Zoology	"Role of Neutrophils in Host-Tumor Interaction and Possible Intervention by Immunomodulatory Rasayana."
9.	Ms. Komal	Prof. Shrikant Kukreti and Prof. Mahima Kaushik (Co-Supervisor)	Chemistry	"Environmentally benign synthesis and physicochemical characterization of silver nanoparticles: Biomedical & catalytic applications"
10.	Mr. Naveen Kumar	Dr. Sandeep Kaur	Chemistry	"Di- and Tri-Ion models of the hydrogenase active site as electrocatalysts for the hydrogen evolution reactions"
11.	Ms. Padmani Gupta	Prof. S. Mozumdar	Chemistry	"Development of heterogeneous nanostructured materials for organic transformations"
12.	Ms. Sanya Pachisia	Prof. Rajeev Gupta	Chemistry	"Molecular assemblies and coordination polymers decorated with hydrogen bonding functional groups"
13.	Mr. Maruf Chauhan	Dr. Priti Malhotra	Chemistry	"Biogenic synthesis of metal oxide nanoparticles, nanocomposites of metal oxide and their catalytic applications"
14.	Ms. Preeti Goyal	Prof. Alka Gupta	Chemistry	"Design and development of polymeric nanostructures as efficient drug delivery systems"

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S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
15.	Mr. Bhawani Shankar	Prof. A.K. Prasad	Chemistry	"Synthesis of 1-(E-1-Arylpropenon-3-yl)-tri-O-benzyl-D-glycals, Pentasubstituted Chiral chromanes, sugar-based 1-azaindolizines and Methylidene succinimides of biological importance"
16.	Ms. Beena Arora	Dr. Anupa Siddhu & Dr. Atul N.C. Peters	Home Science	"Nutritional Profile and Quality of Life in Patients Undergoing Different Bariatric Surgery Procedures"
17.	Ms. Garisha Arora	Dr. Jyoti Aggarwal	Home Science	"Cosmopolitanism, Self-Esteem, Importance to Appearance and Clothing Interest among Collegiate Students: A Relationship Analysis"
18.	Ms. Anku Malik	Dr. Geeta Trilok Kumar & Dr. Ranjana Mahna	Home Science	"Body Composition, Bone and Muscle Strength of School children (8-14 years) Born Low Birth Weight at Term"
19.	Ms. Zoha Ansari	Dr. Sangeeta Goomer	Home Science	"Feasibility Studies on Microencapsulation of Bioactive Compounds Extracted from Potato Peels (Agro-Industrial Waste)".
20.	Ms. Preeti Kamboj	Dr. Neena Bhatia & Dr.G.S. Toteja	Home Science	"Consumption Pattern of Foods High in Fat, Salt and Sugar among Adolescents from different Socio-Economic Groups of Urban Delhi."
21.	Ms. Shruti Gupta	Dr. Deppali Rastogi & Dr. Ritu Mathur	Home Science	"Cotton Khadi : Problems and Prospects".
22.	Ms. Komal Rathi	Dr. Neena Bhatia & Dr. G.S.Toteja	Home Science	"Complementary feeding practices of mothers of infants and young children from different social-economic strata in an urban area of Delhi".

S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
23.	Mr. Neyaz Ali	Prof. P.D. Sahare	Physics & Astrophysics	"Dosimetry of High Energy radiation Using Some Rare-Earth Doped TLD/OSLD Phosphors"
24.	Mr. Gaurav Singh	Prof. P.D. Gupta	Physics & Astrophysics	"Multi-wavelength study of hot stellar populations in Galactic Globular Clusters"
25.	Ms. Prerana Sharma	Prof. Avinash Khare & Prof. Debajyoti Choudhury	Physics & Astrophysics	"Strong Coupling Effects on Different Instabilities in Non-Ideal Plasma"
26.	Ms. Nidhi Puri	Dr. A.K. Mahapatro	Physics & Astrophysics	"Electronic and Thermoelectric properties of hot-pressed ceramics of calcium cobalt oxide"
27.	Ms. Martina Saran	Prof. P.D. Sahare	Physics & Astrophysics	"Thermoluminescence (TL) and Lyoluminescence (LL) in some luminescent phosphors: Effects of particle size"
28.	Mr. Ankur Shandilya	Prof. K. Sreenivas	Physics & Astrophysics	"Upconversion luminescence and thermometry in lanthanide (Ln 3+ =ER3+, Yb3+) doped SrMoO4 phosphor"
29.	Ms. Nidhi Dhull	Dr. Monika Tomar	Physics & Astrophysics	"Realization of NiO thin film based Electrochemical and Microfluidics integrated Electrolyte Gated-FET Biosensors for detection of Cortisol and E coli"
30.	Ms. Richa Kundu	Prof. H.P. Singh	Physics & Astrophysics	"A study of extra-tidal stars in the Galactic globular clusters using the Gaia photometric and astrometric data"
31.	Ms. Priyanka Srivastava	Prof. T.R. Seshadri	Physics & Astrophysics	"Study of Carbonaceous aerosols over the Central Himalayas"

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S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
32.	Mr. Weyepc N. Mekrishu	Dr. S.K. Singh	Geology	“Analysis of Landslide Susceptibility in parts of Phek and Kohima districts, Nagaland, India: An Integrated Geotechnical, Statistical and GIS-based Approach”
33.	Mr. Mohit Kumar Sharma	Prof. Sourav Sur, Prof. Amitabha Mukherjee	Physics & Astrophysics	“Cosmological Perturbations and Stability of Interacting Scenarios in Scalar-Tensor equivalent Modified Gravity”
34.	Ms. Kriti Batra	Prof. Binay Kumar	Physics & Astrophysics	“Synthesis and characterization of lead-free piezoelectric materials for energy harvesting and pressure sensing applications”
35.	Ms. Vandana	Prof. B.C. Choudhary	Physics & Astrophysics	“Realization of Multicomponent Materials and Flexible Devices for Energy Applications”
36.	Mr. Rakesh Kumar Pandey	Prof. Shyama Rath, Dr. Puspashree Mishra, SSPL, DRDO, Delhi	Physics & Astrophysics	“Ion-implantation induced modifications in the structural, morphological, and electrical characteristics of GaSb films grown by molecular beam epitaxy”
37.	Mr. Saurabh Kumar	Dr. D.N. Gupta	Physics & Astrophysics	“Laser-plasma proton acceleration with solid targets”
38.	Ms. Meetali	Prof. Anju Katyal	ACBR	“Mechanistic insights into the role of PPAR β in pathogenesis of experimental cerebral malaria: a cue for adjunct anti-malarial therapy”
39.	Ms. Indu Singh	Prof. Gagan Dhawan	ACBR	“Small molecule- and polymer-based bioactives: Design, synthesis and evaluation”

S.No.	Name of the Student	Name of the Supervisor	Department	Final Title
40.	Ms. Nishtha Agarwal	Prof. Gagan Dhawan	ACBR	"Modulating host signaling cascade: Potential antiviral tool against Chikungunya virus"
41.	Ms. Bindu	Dr.Sasanka Dekka	Chemistry	"Morphology oriented Semiconductor nanostructures for efficient Photocatalytic hydrogen Evolution"
42.	Ms. Liza Sharma	Prof. M. Thirumal	Chemistry	"Graphitic Carbon Nitride (g-C ₃ N ₄) Nanocomposites : Synthesis, Characterization, Photocatalytic and Catalytic Applications for Water Remediation."
43.	Ms. Monika	Prof. Shailendra Goel	Botany	"A Comparative Study of miRNAs and 21 nucleotide reproductive phased siRNAs between development stages of female gametophyte in sexual and apomictic addition lines of Pearl millet [Cenchrus americanus (L.) Morrone syn. Pennisetum glaucum (L.) R.Br.]
44.	Ms. Seema Parveen	Prof. Shailendra Goel	Botany	"An analysis of Genetic Diversity, Niche Modelling and Transcriptome of Endosperm Developmental Stages in Genus Nymphaea : an Important Water Lily from ANA Grade with Diploid Endosperm."
45.	Ms. Komal Choudhary	Dr.Priya Panjabi-Massand	Botany	"Cuticular waxes : Variation in composition and wax load in selected Brassica species, role in <i>B. rapa</i> - <i>Albugo candida</i> interaction, origin and evolution of alkane biosynthetic genes <i>CER1</i> and <i>CER3</i> in land plants."

7. The Board considered the recommendations of the Departmental Research Committee of various Science Departments and approved leave/visit to the following Ph.D. scholars.

S. No.	Name of Scholar	Name of Supervisor	Date of Registration	Department	Duration of Leave	Remarks
1.	Ms. Meesha Sharma	Prof. Maharaj K. Pandit	05.11.2018	Env. Studies	02.12.2021 to 01.06.2022 (Six months)	Approved
2.	Ms. Shweta Kanojia	Dr. Ram Kuntal Hazra	01.05.2021	Chemistry	15.11.2021 to 27.11.2021 (13 Days)	Approved
3.	Ms. Namrata	Prof. Raj Kishore Sharma	26.05.2021	Chemistry	20.08.2021 to 31.08.2021 & 01.09.2021 to 25.10.2021 (Leave without stipend)	Approved
4.	Ms. Garima Mann	Prof. M.Thirumal	17.11.2017	Chemistry	24.11.2021 to 31.01.2022	Approved
5.	Ms. Largee Biswas	Dr. Anita Kamra Verma	15.11.2017	Zoology	Mid-April 2022 to August 2022 (Four Months)	Not approved. Referred back to the Department for mentioning the exact date of leave)
6.	Ms. Priyanka	Dr.P.Senthil Kumar	12.04.2021	Physics & Astrophysics	17.11.2021 to 16.05.2022 (6 months)	Approved

8. The Board considered the recommendations of the Departmental Research Committee of Chemistry and approved inclusion of member(s) of the Advisory Committee in respect of the under mentioned Ph.D. scholar:

S. No.	Name of Student	Name of Supervisor	Department	Appointed Advisory Member
1.	Mr. Nikhil Kaithwas	Dr. Chakraverti Mahajan	Anthropology	Appointed Dr. Avitoli G. Zhimo.

S. No.	Name of Student	Name of Supervisor	Department	Appointed Advisory Member
2.	Ms. Shrila Soren	Dr. Avitoli G.Zhimo	Anthropology	Appointed Prof. M.K. Singh
3.	Mr. Gret Gulshan	Dr. Mitashree Srivastava	Anthropology	Appointed Dr. M. Kennedy Singh.
4.	Ms.Asveena Joty Beekharry (Foreign Student from Mauritius)	Prof. Raj Kishore Sharma	Chemistry	Appointed Prof. Rakesh Kumar Sharma & Dr. Sandeep Kaur.
5.	Ms. Divjyot Kaur	Dr. Anita Malhotra	Home Science	Appointed Dr. Gauri Shanker Kaloiya, Additional Professor, Department of Psychiatry, AIIMS, New Delhi.
6.	Ms. Ananya Banerjee	Prof. Umesh Rai	Zoology	Appointed Prof. Neeta Sehgal
7.	Ms. Vishesh Chauhan	Dr. Sunil Kumar & Prof. Umesh Rai	Zoology	Appointed Prof. Neeta Sehgal
8.	Mr. Prashant Kumar Bhartiya	Dr. Debabrata Mishra	Physics & Astrophysics	Appointed Prof. S.A. Hashmi
9.	Ms. Divpreet Kaur	Prof. Daman Saluja & Prof. Madhu Chopra	ACBR	Appointed Dr. Meenakshi Sharma, Assistant Professor, ACBR
10.	Ms. Shweta Kanojia	Dr. Ram Kuntal Hazra	Chemistry	Appointed Prof. P. Venkatesu in place of Prof. Debajyoti Choudhury

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9. The Board considered the recommendations of the Departmental Research Committee of Anthropology and approved relaxation/ exemption from Ph.D. course work to following Ph.D. Scholars:-

S. No.	Name of Scholars	Date of Registration	Department	Name of Supervisor	Remarks
1.	Ms. Suryasnata Mazumder	08.04.2021	Anthropology	Prof. R.P Mitra	Completed M.Phil from University of in the year 2019
2.	Ms. Farzana	12.04.2021	Anthropology	Prof. R.P Mondal	completed M.Phil from University of Delhi in the year 2016
3.	Ms. Debashmita Banerjee	20.01.2021	Anthropology	Prof. Benrithung Murry	Completed M.Phil from University of Delhi in the year 2019

10. The Board considered the recommendations of the Departmental Research Committee of Home Science regarding closure of Fellowship of Ms. Charu Arora w.e.f. 15.09.2021, who is a Ph.D. scholar registered on 26.12.2016 under the supervision of Dr. Anita Malhotra in the Department of Home Science as she got appointment as Consultant-Technical Support Unit as NITI Aayog, New Delhi. The Board raised the query on her appointment & questioned the Head that such matters should have been reported in the earlier meeting of BRS. As Ms. Charu Arora has completed 5 years & her span period of 6 years will be over on 25.12.2022, the Board requested Dr. Anita Malhotra, BRS member and supervisor of the student to discuss the matter with the student and submit the time line of thesis submission of the student in the next BRS meeting for consideration. In the meantime, Ms. Charu Arora may apply for leave of the absence period.
11. The Board considered the recommendations of the Departmental Research Committee of Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR) and approved closure of University Non-Net Fellowship of Ms. Prerna Raouria, a Ph.D. scholar registered on 12.04.2021 under the supervision of Prof. Madhu Chopra in ACBR.
12. The Board considered and recommendations of the Departmental Research Committee of Home Science and approved the revised Ph.D. Course Work syllabus in Home Science.

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13. The Board considered the recommendations of the Departmental Research Committee of various Science Departments regarding recognition of the following teacher to act as Supervisor to guide Ph.D. scholar subject to submission of Inspection Committee Report by the Department concerned.

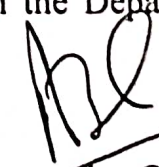
S. No.	Name	Ph.D. Awarded	Department	Recommended
1.	Dr. Madhuri Nigam, Associate Professor, Department of Fabric & Apparel Science, Lady Irwin College, University of Delhi, Sikandera Road, Mandi House, New Delhi -110001	2021	Home Science	Supervisor
2.	Dr. Yogesh Kumar, Assistant Professor, Department of Physics, ARSD College, University of Delhi, New Delhi - 110021	2012	Physics & Astrophysics	Supervisor
3.	Dr. Namrata Soni, Associate Professor, Department of Physics, Hansraj College, University of Delhi, Delhi - 110007	2008	Physics & Astrophysics	Supervisor
4.	Dr. K. Vandana Rani, Assistant Professor, Department of Zoology, Kalindi College, University of Delhi, East Patel Nagar, New Delhi-11008	2015-2016	Zoology	Supervisor
5.	Prof. Om Prakash, Department of Zoology, Sri Venkateswara College, University of Delhi, Dhaura Kuan, New Delhi - 110021	2009	Zoology	Supervisor
6.	Dr. Luni, Assistant Professor, Maitreyi College, University of Delhi, New Delhi -110021	2013	Zoology	Supervisor
7.	Dr. Varunendra Singh Rawat, Associate Professor, Hindu College, University of Delhi, Delhi-110007	2011	Zoology	Supervisor

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14. To Board considered the recommendations of the Departmental Research Committee of Chemistry and deferred-condonation of delay & permission to join the lab late i.e. on 10.10.2021 to Ms. Srishty Gulati, Ph. D. Scholar registered on 08.11.2017 under the supervision of Prof. Shrikant Kukreti, after her return from U.S.A.
15. The Board considered the recommendations of the Departmental Research Committee of Chemistry and approved withdrawal of the name of Dr. Brijesh Rathi as Co-supervisor of Ms. Ayushee, a Ph.D scholar registered on 06.06.2018 under the supervision of Prof. Akhilesh K. Verma.
16. The Board considered the recommendations of the Departmental Research Committee of Home Science regarding adjustment of 180 days maternity leave from 01.10.2016 to 29.03.2017 and approved extension of time till 24.07.2022 for submission of Ph.D. thesis to Ms.Hima Bindu Malla, a Ph. D Scholar registered under the supervision of Dr. Priti Rishi Lal.
17. The Board considered the recommendations of the Departmental Research Committee of Chemistry and approved extension of leave till 31.03.2022, as a special COVID case, to Mr. Amardeep Awasthi, Ph. D. Scholar registered on 06.11.2017 under the supervision of Prof. Ramesh Chandra.
18. The Board considered the recommendations of the Departmental Research Committee of Chemistry and approved leave for two semester i.e. from 12.01.2022 to 11.01.2023 instead of 10.01.2022 to 09.01.2023 to Ms. Heerak Chugh a Ph. D. Scholar registered under the supervision of Prof. Ramesh Chandra, Dr. Gagan Dhawan(AND College) & Dr. Rajesh K.Gaur(Sr. Scientist, University of Southern, California).
19. The Board discussed in detail the recommendations of the Departmental Research Committee of Physics & Astrophysics seeking guidance in re-registration of Mr. Dheeraj Kumar, a Ph.D Scholar registered on 06.12.2016 under the supervision of Dr. G.S.Chilana (retired on 30.09.2019). **The Board resolved that Mr. Dheeraj Kumar can continue his Ph.D in the Department of Physics & Astrophysics & be given four months time, i.e. till 30th June 2022 to find a new supervisor and a new advisory member for his Ph.D in consultation with the supervisor. If he fails to find a suitable supervisor for his Ph. D Programme, the DRC of the Department, Physics & Astrophysics may discuss the matter for continuation / cancellation of the registration.**
20. The Board considered the recommendations of the Departmental Research Committee of Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR) and approved revised Ph.D. Course work syllabus in ACBR.



21. The Board considered recommendations of the Departmental Research Committee of Physics & Astrophysics in respect of Ms. Savita, a Ph.D. Scholar registered on 01.05.2019 under the supervision of Prof. S.Murugavel & advised Ms. Savita to find a new supervisor within three months after receiving the intimation from the Department. The Board also discussed the case of Mr. Harshant, a Ph.D. Scholar registered on 02.02.2016 under the supervision of Prof. Sanjay Jain & Prof. A. Mukherjee. As DRC resolved that his Ph.D. registration has lapsed on 31.01.2022 and since he doesn't have a publication which qualifies his submission of Ph.D. thesis and he also not applied for extension of his Ph.D. registration, his Ph.D. registration be treated as "Cancelled". The Board on the recommendations of DRC approved the cancellation of Ph.D. registration of Mr. Harshant Singh.
22. The Board considered the recommendations of the Departmental Research Committee of Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR) and approved the name of Prof. Tapasya Srivastava, Department of Genetics, South Campus for assisting Ms. Vidhi Vashishtha, a Ph. D scholar in ACBR in her Ph.D. thesis submission.
23. Any other item with the permission of the Chair:
- (a) The BRS (Science) in its meeting held on 09.08.2021 framed a committee to "Frame the guidelines for recognition of College Teachers as Sole Supervisor" and submit their recommendation. The recommendation of the committee was received and discussed in the BRS meeting in detail. The BRS in principle approved the recommendations of the committee with some suggestion. The BRS authorized the Chairperson to finalize the recommendation in consultation with the committee as per the suggestions and report the final recommendation in the next BRS meeting as reporting item.
- (b) The BRS (Science) in its meeting held on 09.08.2022, framed a committee to "Frame the guidelines for appointment of Co- Supervisor in light of Ordinance VI dated 09.08.2017 for guiding Ph.D. Students. The BRS in principle approved the recommendations of the committee with some suggestion. The BRS authorized the Chairperson to finalize the recommendation in consultation with the committee as per the suggestions and report the final recommendation in the next BRS meeting as reporting item.
24. The Board considered the recommendations of Departmental Research Committee of Chemistry and approved change of supervisor from Prof. Gurmeet Singh to Prof. Raj Kishore Sharma in respect of Ms. Anita Kumari, a Ph. D scholar in the Department of Chemistry


15/2/2022
Chairperson, BRS (Science)