

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)



ACHARYA NARENDRA DEV COLLEGE

U N I V E R S I T Y O F D E L H I

DBT STAR STATUS COLLEGE

All India NIRF 2022 Ranking-18, NAAC Score-3.31

Govindpuri, Kalkaji, New Delhi 110019

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3.1 Resource Mobilization for Research

Supporting document for 3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs).

3.1.1.1: Total Grants from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Input edited as per the sanctioned letters provided and those are in assessment period.

Year	2021-22	2020-21	2019-20	2018-19	2017-18	Total
Amount (INR in Lakhs)	93.81	38.82	41.32	32.46	20.99	227.4

Attached documents are:

1. **PDF File**

For Authenticated consolidated list of grants for research projects received during the assessment years along with the nature of the award, and the awarding agency with amount.

2. **Table 1.**

E-copies of the letters of award and Sanction letters for research projects sponsored by Government and non-government sources.

3. **Table 2.**

List of Accounts for 3.1.1.

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3.1 Resource Mobilization for Research Supporting document for 3.1.1

3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Year	2021-22	2020-21	2019-20	2018-19	2017-18	Total
Amount (INR in Lakhs)	93.81	38.82	41.32	32.46	20.99	227.4

Table 1 : Awards and Sanction Letters

S.No.	Name of the Project/ Endowments/ Chairs	Year	Page No. of the proof
1.	Exposure-response assessment of Ambient Air Pollution (AAP) and Hg contamination in affected cities of India and Slovenia: A comparative study	2017-18	1-2
2.	Exposure-response assessment of Ambient Air Pollution (AAP) and Hg contamination in affected cities of India and Slovenia: A comparative study	2018-19	1-2
3.	Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential	2018-19	3-4
4.	Developing and documenting innovative practices for learning physics and biology through experimentation for children and young adults (Mentor: WoS-B)	2018-19	5-6
5.	UGC-Paramarsh	2019-20	7-8

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6.	Developing and documenting innovative practices for learning physics & biology through experimentation for children & young adults.	2019-20	5-6
7	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis	2019-20	9-11
8.	Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential	2019-20	3-4
9.	OER awareness and adoption in Indian Higher Education: A short survey	2019-20	12-16
10.	Developing and documenting innovative practices for learning physics & biology through experimentation for children & young adults.	2020-21	5-6
11.	Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR	2020-21	17-20
12.	DNA barcoding for ciliate species identification of Delhi, India	2020-21	21-23
13.	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis	2020-21	9-11
14.	Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential	2020-21	3-4
15.	Recombinant endolysins from mycobacteriophages: Exploring their anti-mycobacterial potential	2021-22	3-4
16.	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis	2021-22	9-11
17.	Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR	2021-22	17-20
18.	Developing and documenting innovative practices for learning physics and biology through experimentation for children and young adults	2021-22	5-6

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19.	DNA barcoding for ciliate species identification of Delhi	2021-22	21-23
20.	Development of process and evaluation of electron suppression coating on the grids used in TWTs	2021-22	24-28
21.	Projects funded by DBT	2017-20	29-34
22.	Students Summer Training Research Projects (Other than compulsory by the University) (Elite Projects)	2017-22	35-36
23.	Projects funded by DBT	2021-22	37-38

Table 2 : List of Accounts for 3.1.1

S.No.	Name of the Project/ Endowments/ Chairs	Year	Amount Sanctioned Yearwise	Page No. of the proof
1.	Exposure-response assessment of Ambient Air Pollution (AAP) and Hg contamination in affected cities of India and Slovenia: A comparative study	2017-18	5,41,367	39
2.	Projects funded by DBT	2017-18	14,00,000	40-41
3.	Students Research Projects (Other than compulsory by the University) Elite Projects (Elite Projects)	2017-18	1,57,712	42
4.	Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential	2018-19	23,50,400	43-44
5.	Developing and documenting innovative practices for learning physics and biology through experimentation for children and young adults (Mentor: WoS-B)	2018-19	7,35,000	45-46
6.	Projects funded by DBT	2018-19	NIL	47-49
7.	Students Research Projects (Other than compulsory by the	2018-19	1,61,293	50

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	University) Elite Projects (Elite Projects)			
8.	UGC-Paramarsh	2019-20	14,94,000	51
9.	Developing and documenting innovative practices for learning physics & biology through experimentation for children & young adults.	2019-20	NIL	52-53
10.	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis.	2019-20	11,35,600	54
11.	Recombinant endolysins from mycobacteriophages: exploring their anti- Mycobacterial potential	2019-20	7,41,000	55-56
12.	OER awareness and adoption in Indian Higher Education: A short survey	2019-20	59150 (845 USD)	57-61
13.	Projects funded by DBT	2019-20	4,89,349	62-64
14.	Students Research Projects (Other than compulsory by the University) Elite Projects (Elite Projects)	2019-2020	2,13,789	65
15.	Developing and documenting innovative practices for learning physics & biology through experimentation for children & young adults.	2020-21	NIL	66
16.	Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR	2020-21	18,82,324	67
17.	DNA barcoding for ciliate species identification of Delhi, India	2020-21	20,00,000	68
18.	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis	2020-21	NIL	69

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19.	Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential.	2020-21	NIL	70
20.	Projects funded by DBT	2020-21	NIL	71-73
21.	Recombinant endolysins from mycobacteriophages: Exploring their anti-mycobacterial potential	2021-22	10,00,000	74
22.	An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis	2021-22	NIL	75
23.	Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR	2021-22	14,66,167	76
24.	DNA barcoding for ciliate species identification of Delhi	2021-22	5,00,000	77
25.	Development of process and evaluation of electron suppression coating on the grids used in TWTs	2021-22	23,60,000	78
26.	Projects funded by DBT	2021-22	38,00,000	79-81
27.	Students Research Projects (Other than compulsory by the University) Elite Projects (Elite Projects)	2021-22	2,54,839	82

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the last five years (INR in Lakhs)

3.1.2 Percentage of departments having Research projects funded by government and non government agencies during the last five years

S.No.	Name of the Research Project/ Endowment	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)	
2017-18									
1	Exposure-response assessment of Ambient Air Pollution (AAP) and Hg contamination in affected cities of	Dr Arijit Chowdhuri (PI) Dr Savithri Singh (Co-PI) Dr Charu K. Gupta (Co-PI)	Physics, Botany	2017-18	541,367	3 Years	DST	Government	
Projects funded by DBT									
1	Extraction, Isolation and Characterization of Bioactive Compounds	Dr. Archana Pandey, Dr. Satendra, Dr. Sunita Hooda	Biomedical Science, Chemistry	2017-18	INR 14,00,000	365 days	DBT	Government	
2	Characterization of Exopolysaccharide by	Dr. Manoj Singh, Dr. Anupama Shukla, Dr. Pankaj Khanna	Botany, Chemistry	2017-18		365 days	DBT	Government	
3	Effect of ROS Signalling on Growth of Certain Medicinal	Dr. Geetika Kalra, Dr. Anita Thakur, Dr. Manisha Jain	Botany, Chemistry	2017-18		365 days	DBT	Government	
4	Biological Nutrient Removal (BNR) of Waste Water Pollutants	Dr. Vandana Uberoi, Dr. Charu Khosla, Dr. Ravi Toteja	Chemistry, Botany, Zoology	2017-18		365 days	DBT	Government	
5	Effect of Industrial Chemicals in the Four Important Rivers and	Dr. Vandana Uberoi, Dr. Sunita Hooda, Dr. Sunita Narang	Chemistry, Computer Science	2017-18		365 days	DBT	Government	
6	Application of Magnetic Chitin Composites for the	Dr. Sunita Hooda, Dr. Geetu Gambhir, Dr. Sarita Kumar	Chemistry, Zoology	2017-18		365 days	DBT	Government	
7	Synthesis, Characterization of Various Metal Sulfide	Dr. Seema Gupta and Dr. Gagan Dhawan	Chemistry, Biomedical Science	2017-18		365 days	DBT	Government	
8	Functional Group Analysis with Depth of Chemistry.	Dr. Snarajeeet Kaur, Dr. Vibha Gaur, Ms. Shiva Saini, Dr. Neeti	Computer Science, Chemistry	2017-18		365 days	DBT	Government	
9	Development of Recommender System to Combat Disaster	Dr. Sunita Narang, Dr. Harita Ahuja, Ms. Gunjan Rani, Ms.	Computer Science, Administration	2017-18		365 days	DBT	Government	
10	Memory Based or Mobile Based Applications to	Dr. Preeti Chandra, Ms. Anu Preveen, Ms. Priyanka Sharma, Mr.	Computer Science, Administration	2017-18		365 days	DBT	Government	
11	Secure Router based Centralized Controlled Network in the	Dr. Preeti Chandra, Mr. Samal, Mr. Keshava Pratap Singh, Ms.	Computer Science, Administration	2017-18		365 days	DBT	Government	
12	Plant Electro Stimulation and Data Acquisition.	Dr. Ravneet Kaur, Dr. Udaibir Singh, Dr. Anita Narang, Ms. Gauri Ghai	Electronics, Botany	2017-18		365 days	DBT	Government	
13	Assistive Gadgets for Visually Impaired Students. a) Light to Sound Converter /	Dr. Ravneet Kaur, Ms. Gauri Ghai	Electronics	2017-18		365 days	DBT	Government	
14	Mine Detection Drone.	Dr. Ravneet Kaur, Ms. Gauri Ghai	Electronics	2017-18		365 days	DBT	Government	
15	Development of Nanostructured Thin Films.	Dr. Ravneet Kaur, Ms. Gauri Ghai	Electronics	2017-18		365 days	DBT	Government	
16	Paragon Smit in Material Science-2D Materials: Familiarity, Measurement of	Dr. Amit Garg	Electronics	2017-18		365 days	DBT	Government	
17	Surface Plasmon Resonance (SPR)	Dr. Arijit Chowdhuri, Dr. V Bhasker Raj	Physics	2017-18		365 days	DBT	Government	
18	Deposition of Thin Films Using Thermal Evaporation – A	Dr. Arijit Chowdhuri	Physics	2017-18		365 days	DBT	Government	
19	Pharmacokinetic Concentration and Aerodynamic	Dr. Arijit Chowdhuri, Dr. V Bhasker Raj, Dr. Charu Khosla Gupta	Physics, Botany	2017-18		365 days	DBT	Government	
20	Studies on the Alteration In the Oviposition Potential and Fertility of Insects	Dr. Sarita Kumar	Zoology	2017-18		365 days	DBT	Government	
21	Study of Regeneration in Ciliates.	Dr. Seema Makhija, Dr. Ravi Toteja, Dr. Pooja Bhagat	Zoology, Chemistry	2017-18		365 days	DBT	Government	
22	To study the Anti-oxidant Properties of Citrus Fruits on E.coli.	Dr. Rahul Dev	Zoology	2017-18		365 days	DBT	Government	
23	Analysis of water Quality for Aquaculture: Dechlorinated Ocean	Dr. Sweety srinman, Dr Khangembam Cherita Devi, Dr. Arijit Chowdhuri	Zoology, Physics	2017-18		365 days	DBT	Government	
Students Summer Training Research Projects (Other than compulsory by the University) (Elite Projects)									
S.No.	Title of the Project	Mentor/s	Deaprtment	Year of Award	Total grant sanctioned(Rupees in Lakhs)	Duration of the project	Name of the funding agency	Type (Government/non-Government)	Students
1	Adsorption of Heavy Metals on EDTA - Functionalized Chitin	Dr Sunita Hooda and Dr Geetu Gambhir	Chemistry	2017-18	INR 1,57,712	60 days	Acnaryya Narenara Dev College, University of Delhi (ELITE)	Government	Kavita D. Sc. (H) Chemistry, III Year

2	Adsorption of Organic Dyes on EDTA - Functionalized Chitin	Dr Sunita Hooda and Dr Geetu Gambhir	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Kavina and Aniket B. Sc. (H) Chemistry
3	Social Campus	Dr Chandra Kanta Samal	Computer Science	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Ayushi Kumar Varshney, Divyanshu Yadav
4	The Learning Hub	Dr Chandra Kanta Samal	Computer Science	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Srivastava and Vikash P. Arunk
5	Effect of UV Radiation on Ciliate Blepharisma	Dr Ravi Toteja and Dr Seema Makhija	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Kadian and Juhi Lomani P.
6	Phytochemical Screening of Mango Seed Extract; Fine-Tune Investigations of To Study the Effect of Temperature and pH on the Growth of Bacteria of Psychrotrophic	Dr Ravi Toteja and Dr Seema Makhija	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Omesh Jataw B. Sc. (H) Zoology II
7	Effect of Temperature and pH on the Growth of Bacteria of Psychrotrophic	Dr Ravi Toteja and Dr Seema Makhija	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Ekta Verma B. Sc. (H) Zoology II
8	Mycobacteriophages, Data Mining & Spectrophotometric Studies of Turmeric Extracts and Review of its Medicinal	Dr Urmi Bajpai	Biomedical Science	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Shweta, Prashasti
9	Synthesis of Some Heterocyclic Compounds and a	Dr Pankaj Khanna, Dr Neeti Misra and Dr Leena Khanna	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Rajkamal and Jatin B. Sc. (H) Chemistry
10	Effect of Heavy metals and Acids on Aquatic Plants Like Lemna	Dr Rashmi Sharma	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Megha Yadav, Parul Dev, Priteek
11	A Study of Whatsapp Usage Among Different Groups of To study insect	Dr Sarita Kumar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Trivedi B. Sc. (H) Zoology II
12	Species Diversity in Campus of Acharya Narendra Dev College	Dr Sarita Kumar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Shamoy Kumar B. Sc. (H) Zoology II
13	Effects of Different Diets on the Growth and Development of Halobacterium salinarum	Dr Sarita Kumar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Ayushi Raturi and Sunil B. Sc. (H) Zoology II
14	Protein Profiling of Insect Haemolymph by Gel Electrophoresis	Dr Sarita Kumar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Namrata Sharma B. Sc. (H) Zoology II
15	Creation of Online Repository of Zoological Specimens and Documentation	Dr Sarita Kumar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Harleen Kaur B. Sc. (H) Zoology II
16	To Understand Chemotaxis Plasticity in Native Nematodes	Dr Sarita Kumar and Dr Aparna Sharma	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Zubunna Rawat B. Sc. Life Sciences II
17	Study of regeneration of anterior segments in the earthworm Eisenia fetida	Dr Sarita Kumar and Mr Ravinder Sagar	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Parad Srivastava and Vikash P. Sc. (H) Zoology II
18	Extension in Quaternion Group	Dr Sarita Aggarwal	Mathematics	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Aomas Mishra, Pramhans
19	Ganga River and its Tributaries: Effect of Industrial Pollution	Dr Vandana Uberoi	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Kritika B. Sc. (H) Chemistry, Ayushi Kumar B. Sc. (H) Chemistry
20	Hindon River : Effect of Industrial Chemicals	Dr Vandana Uberoi	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Ayushi Kumar B. Sc. (H) Chemistry
21	Yamuna river and its Tributaries: Pollution Caused by Industrial Effluents	Dr Vandana Uberoi	Chemistry	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Aradhna Rani B. Sc. (H) Chemistry
22	The Study of Diversity of Bees during Monsoon Months in Delhi	Dr Charu Khosla Gupta	Botany	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Saranya Nair B. Sc. (H) Botany III
23	Environment Science: Green Chemistry	Dr Charu Khosla Gupta and Dr Arijit Chowdhuri	Botany, Physics	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Priya Chopra and
24	To evaluate the Air Pollution Tolerance Index of Different Plant Species	Dr Charu Khosla Gupta and Dr Yash Mangla	Botany	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Kritika Singh B. Sc. Life Sciences I
25	Lab Maintenance Application	Dr Ravneet Kaur and Ms Gauri Ghai	Electronics	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Vinay Srivastava and Vikash P. Sc. (H) Zoology II
26	Communication Tool Kit by Labview	Dr Ravneet Kaur and Dr Anita Kumari	Electronics	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Vinay Srivastava and Vikash P. Sc. (H) Zoology II
27	Study of Transgenerational Epigenetic Inheritance	Dr Ravi Toteja and Dr Seema Makhija	Zoology	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Vinay Srivastava and Vikash P. Sc. (H) Zoology II
28	Study of Bacteriophage through Bioinformatics and Advanced	Dr Urmi Bajpai	Biomedical Science	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	P. Arunk Sonik B. Sc. (H) Biomedical Science
29	Pattern of Pupae Colouration and Pigmentation in Drosophila	Ms Sunita Jetly	Biomedical Science	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	P. Arunk Riddhi Bhardwaj P. Sc. (H) Zoology II
30	An investigation into India's Population: Population Growth Study	Dr Sanjeeta Rani and Dr Parminder Singh	Physics	2017-18	60 days	Acharya Narendra Dev College, University of Delhi (E.LITE)	Government	Ayushi Sagar, Ativir

32	Green Synthesis and Characterization of ZnS Nanoparticles	Dr Seema Gupta	Chemistry	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Varad Srivastava and Vikash R. Sc. (H)
33	Foreigners' Perceptions about India	Mr Manoj Kumar Garg and Dr Joita Dhar Rakshit	English	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Akanksha Shukla, Bhavya Samra
34	Synthesis of CdTe Quantum Dots and its Application in Metal	Dr Seema Gupta	Chemistry	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Kumar B. Sc. (H)
35	Synthetic Fabrication and Optimisation of Gold Nanoparticle for Green and Low Cost	Dr Seema Gupta	Chemistry	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Samra B. Sc. (H)
36	Green and Low Cost Synthesis and Characterisation of ZnS Nanoparticles	Dr Seema Gupta	Chemistry	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Sharma B. Sc. Life Science
37	Social Media Platform for Students and Colleges	Dr Chandra Kanta Samal	Computer Science	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Ayush Kumar Varshney, Sharan B. Sc.
38	Simplycode Programming Tutorial Application (PTA)	Dr Sharanjit Kaur	Computer Science	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Yadav B. Sc.
39	An Investigation into India's Population	Dr Sanjeeta Rani Dr Parminder Singh	Physics	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Physist Sagar and Atvir
40	Quartz Crystal Microbalance (QCM)	Dr Arijit Chowdhuri Dr V. Bhasker Raj	Physics	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Sharma B. Sc. Physical Science
41	Discovery of Bacteriophages, Data Mining and Annotation and Instrumentation	Dr Urmi Bajpai	Biomedical Science	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Varad Srivastava and Vikash R. Sc. (H)
42	To Study the Effect of Zein nanoparticles on Candida albicans	Dr Seema Gupta	Chemistry	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Gupta B. Sc. (H)
43	Online Student Assistant	Dr Sharanjit Kaur	Computer Science	2017-18		60 days	Acharya Narendra Dev College, University of Delhi (G.U.TE)	Government	Sharma B. Sc. Life Science, Kumari and Mamta K. Sc. (H)

2018-19

S.No.	Name of the Research Project/	Name of the Principal Investigator/ Co-Investigator/ (PI)	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Exposure-response assessment of Ambient Air Pollution (PM ₁₀)	Dr Arijit Chowdhuri (PI) Dr Savithri Singh (Co-PI) Dr. Charu Khosla	Physics, Botany	2018-19	NIL	3 Years	DST	Government
2	Endolysins from Bacteriophages	Prof. Urmi Bajpai	Biomedical Science	2018-19	2,350,400	3 Years	SCIENCE ENGINEERING RESEARCH BOARD of Government of India, Ministry of Science and Technology	Government
3	Developing and documenting a database of Bacteriophages	Prof. Sarita Kumar (Mentor of DST-WoB)	Zoology	2018-19	735,000	2 Years	SCIENCE ENGINEERING RESEARCH BOARD of Government of India, Ministry of Science and Technology	Government

Projects funded by DBT

S.No.	Name of the Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Survey of plants for presence of trypsin modulators	Dr Rashmi Sharma, Dr Manisha Jain	Botany, Chemistry	2018-19	NIL	365 days	DBT	Government
2	Isolation, identification and characterisation of fungal isolates for their application in chitinase	Dr Anupama Shukla, Dr Manoj K Singh	Botany	2018-19		365 days	DBT	Government
3	Application of magnetic chitin composites for the removal of lead ions	Dr Sunita Hooda and Dr Geetu Gambhir, Dr Sarita Kumar	Chemistry, Zoology	2018-19		365 days	DBT	Government
4	Plant electro stimulation and data acquisition	Dr. Ravneet Kaur, Dr. Udaibir Singh, Dr. Anita Narang, Ms. Gauri Ghai	Electronics, Electronics, Botany, Electronics	2018-19		365 days	DBT	Government
5	Assistive Gadgets for Visually Impaired Students a) Light to Sound Conversion /	Dr. Ravneet Kaur, Ms. Gauri Ghai	Electronics	2018-19		365 days	DBT	Government
6	Mine Detection Drone	Dr. Ravneet Kaur, Ms. Gauri Ghai	Electronics	2018-19		365 days	DBT	Government
7	Development of nanostructured thin films	Dr. Amit Garg	Electronics	2018-19		365 days	DBT	Government
8	Paradigm shift in material science-2D materials: familiarity, synthesis and	Dr. Amit Garg	Electronics	2018-19		365 days	DBT	Government
9	Smart Dustbin (Sensobin)	Dr. Ravneet Kaur, Dr. Monika Bhattacharya	Electronics	2018-19		365 days	DBT	Government
10	Designing a working PROSTHETIC LEG using advanced	Dr Arijit Chowdhuri	Physics	2018-19		365 days	DBT	Government
11	Using surface plasmon resonance (SPR) for detection	Arijit Chowdhuri and V. Bhasker Raj, Charu Khosla Gupta	Physics, Botany	2018-19		365 days	DBT	Government
12	Environmental Monitor	Arijit Chowdhuri, Charu Khosla Gupta	Physics, Botany	2018-19		365 days	DBT	Government
13	Quartz crystal microbalance and environmental science	Arijit Chowdhuri, V. Bhasker Raj	Physics	2018-19		365 days	DBT	Government

14	Effect of Heavy Metals and Ethidium Bromide on DNA.	Ravi Toteja and Seema Makhija, Arijit Chowdhuri	Zoology, Physics	2018-19		365 days	DBT	Government	
15	Micro-controller for Environmental applications	Arijit Chowdhuri and V. Bhasker Raj	Physics	2018-19		365 days	DBT	Government	
16	Market research on commercial Gas sensors and Electronic	Dr. Arijit Chowdhuri, Dr. Sandeep Kumar Goel	Physics, Commerce	2018-19		365 days	DBT	Government	
17	Studies on the alteration in the oviposition potential of <i>Leptocryptus</i>	Dr. Sarita Kumar	Zoology	2018-19		365 days	DBT	Government	
18	Micro biological analysis of leach ate collected from Okhla Dumping site, Delhi	Seema Makhija Ravi Toteja, Pooja Bhagat	Zoology, Chemistry	2018-19		365 days	DBT	Government	
19	Analysis of water quality for Aquaculture: Dissolved oxygen	Dr. Sweetsi Shuman Dr. Cherita, Dr Seema Makhija and Dr Ravi Toteja	Zoology	2018-19		365 days	DBT	Government	
Students Summer Training Research Projects (Other than compulsory by the University) (Elite Projects)									
S.No.	Title of the Project	Mentor/s	Department	Year of Award	Total grant sanctioned(Rupees in Lakhs)	Duration in days	Name of the funding agency	Type (Government/non-Government)	Students
1	Study and extraction of medicinally important plant <i>S. chirata</i> & preservation of	Dr Pankaj Khanna, Dr Kavita Mittal and Dr Neeiti Misra	Chemistry	2018-19	INR 1,61,293	60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Ankit Kati, Gunjan & Shivam Kumar
2	Physico-Chemical and Biological analysis of soil samples collected from ANDC	Dr Ravi Toteja and Dr Seema Makhija	Zoology	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Khusburoo and Vanya B. Sc. (H) Zoology, II
3	Effect of Heavy Metals and Ethidium Bromide on DNA.	Dr Ravi Toteja, Dr Seema Makhija and Dr Arijit Chowdhuri	Zoology, Physics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Senjuti B. Sc. (H) Zoology, II
4	Natural history of butterfly diversity at ANDC	Dr. Sarita Kumar and Dr. Ravinder K Sagar	Zoology	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Satnam Mohanty B. Sc. (H)
5	To understand the mechanism of learning and memory formation in <i>Leptocryptus folius</i>	Dr. Sarita Kumar and Dr. Ravinder K Sagar	Zoology	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Arshita B. Sc. (H) Zoology, I
6	Impact of climate change on Albatross	Dr. Sarita Kumar	Zoology	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Wrohm Rajput B.Sc. Life Sciences, II
7	Computational analysis of immunogenic factors responsible for Green synthesis.	Dr. Gagan Dhawan	Biomedical Science	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Purnendu Kumar B.Sc. (H) Chemistry
8	Characterization and Biological evaluation of Nanoparticle synthesis and their physicochemical	Dr. Gagan Dhawan and Dr. Seema Gupta	Biomedical Science, Chemistry	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Gaurav Agrawal, Priyanka
9	Functional Analysis and Characterization of specific <i>Muscardinia</i>	Dr. Seema Gupta and Dr. Gagan Dhawan	Chemistry, Biomedical Science	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Piyush Rana Akash Bharti
10	Antibacterial activity on different solvent extracts obtained from <i>Aeglemarmelos</i> (L.)	Dr. Archana Pandey, Dr. Satendra Singh and Dr. Sunita Hooda	Biomedical Science, Chemistry	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Abhinav Verma B.Sc. (H) Biomedical Science, II
11	Antibacterial activity of bark extract of <i>Aegle marmelos</i> (L.)	Dr. Archana Pandey, Dr. Satendra Singh and Dr. Sunita Hooda	Biomedical Science, Chemistry	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Shukla B. Sc. (H) Biomedical Science, II
12	Antibacterial properties of <i>Aeglemarmelos</i> (L.)	Dr. Archana Pandey, Dr. Satendra Singh and Dr. Sunita Hooda	Biomedical Science, Chemistry	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Deepak Pokhreal B.Sc. (H) Biomedical Science, II
13	Column chromatography assisted fractionation of <i>Securidaca</i>	Dr Archana Pandey and Dr. Satendra Singh	Biomedical Science	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Varshmi Padmanabhan, Pranav
14	Development using Face Recognition Technology "SMANI"	Dr. Ravneet Kaur Dr. Monika Bhattacharya	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Pranav Singh, Rohit Saini
15	PUSTAK-Android Application Development	Dr. Ravneet Kaur Dr. Monika Bhattacharya	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Rishu Singh, Vikram
16	Cell Phone Detector	Dr. Anju Agarwal Ms. Gauri Ghai	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Abhishek Bhadana, Anmol
17	Digital Laboratory Thermometer	Dr. Ravneet Kaur Ms. Gauri Ghai	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Chiranjeev Das, Ritesh Raj
18	B.A.T (Blind Assistance Toolkit)	Dr. Ravneet Kaur Dr. Anita Kumari	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	P. So. (H) Rajat Mann, Lokender
19	Laser Security and Music System	Dr. Ravneet Kaur Ms. Gauri Ghai	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	R. S. (H) Jha B.Sc.(H) Electronics
20	Text to Speech Converter	Dr. Ravneet Kaur Ms. Gauri Ghai	Electronics	2018-19		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Aditya Raj Singh B.Sc.(H) Electronics

23	Discovery and genomic characterization of Mycobacteriophages	Dr. Urmi Bajpai	Biomedical Science	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Ritam Das B.Sc. Life Science, II Year
24	ANDCCPC	Dr. Sharanjit Kaur Dr. Harita Ahuja	Computer Science	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Yashika Katyul Mudita Pravin
25	Online Ranking of Educational Web-Sites	Dr. Sharanjit Kaur	Computer Science	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Agrawal Shubhang
26	Automatic assignment evaluations	Dr. Sharanjit Kaur	Computer Science	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Karuk Mishra Rahul Saurabh P
27	Designing a working PROSTHETIC LEG using advanced Additive manufacturing	Dr. Arijit Chowdhuri	Physics	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Adarsh Prasad B.Sc.
28	Environmental Monitoring	Dr. Charu K. Gupta and Dr. Arijit Chowdhuri	Botany, Physics	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Pranav Singh Bisht and Medha
29	Using optical technique of surface plasmon resonance (SPR) to detect adulteration in	Dr. Arijit Chowdhuri, Dr. Charu K. Gupta and Dr. V. Bhasker Raj	Physics, Botany	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Ushita Chaitanya Raj, Yogesh
30	Quartz crystal microbalance and environmental science	Dr. Arijit Chowdhuri, and Dr. V. Bhasker Raj	Physics	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Shikha Gupta and Siddharth
31	market research on commercial Gas sensors and Electronic	Dr. Arijit Chowdhuri and Dr. Sandeep Kumar Goel	Physics, Commerce	2018-19	60 days	Acharya Narendra Dev College, University of Delhi (ULITE)	Government	Shubham and Chirag Agarwal B. Com. (H)

2019-20

S.No.	Name of the Research Project/ Endowment	Name of the Principal Investigator/ Co- Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	UGC-Paramarsh	Prof. Ravi Toteja	Zoology	2019-20	14,94,000	1 Year	UGC	Government
2	Developing and documenting innovative practices for	Prof. Sarita Kumar (Mentor of DST-WoB project)	Zoology	2019-20	NIL	2 Years	Ministry of Science & Technology, Department of	Government
3	An investigational study on Mycobacteriophages and their endolysins	Prof. Urmi Bajpai	Biomedical Sciences	2019-20	1,135,600	3 Years	Indian Council of Medical Research, India	Government
4	Recombinant endolysins from mycobacteriophages: developing their anti	Prof. Urmi Bajpai	Biomedical Sciences	2019-20	741,000	3 Years	SERB-DST	Government
5	OEK awareness and adoption in Indian Higher Education: A short survey	Prof. Sarita Kumar	Zoology	2019-20	59150 (845 USD)	3 Months	Creative Commons Global Network, USA	Government

Projects funded by DBT

1	Use of Quadruplex Binding Ligands Against Prion Diseases	Dr Archana Pandey and Mr Prashant Pradhan	Biomedical Science	2019-20	INR 4,89,349	365 days	DBT	Government
2	Ambient Air Pollution by Measuring Content of Chlorophyll	Dr Charu Khosla Gupta and Dr Arijit Chowdhuri	Botany, Physics	2019-20		365 days	DBT	Government
3	Resonance (SPR) Technique (Optical) for Estimation of	Dr Arijit Chowdhuri, Dr Charu Khosla Gupta and Dr Yash Mangla	Physics, Botany	2019-20		365 days	DBT	Government
4	Estimation of Contamination in Local Environment	Dr Charu Khosla Gupta and Dr Arijit Chowdhuri	Botany, Physics	2019-20		365 days	DBT	Government
5	Adsorption and Microbial Study of Functionalized Chitin	Dr Sunita Hooda, Dr Geetu Gambhir and Dr Sarita Kumar	Chemistry, Zoology	2019-20		365 days	DBT	Government
6	Choice-based Question Answer System for Student Evaluations	Dr Chandra Kanta Samal, Mrs Shiva Saini and Ms Gunjan Singh	Computer Science	2019-20		365 days	DBT	Government
7	Gesture Recognizing Smart System	Dr Ravneet Kaur and Ms Gauri Ghai	Electronics	2019-20		365 days	DBT	Government
8	Wifi-Controlled Robot	Dr Ravneet Kaur and Ms Gauri Ghai	Electronics	2019-20		365 days	DBT	Government
9	Automatic Titrator	Dr Ravneet Kaur and Dr Monika Bhattacharya	Electronics	2019-20		365 days	DBT	Government
10	Smart Dustbin (Sensobin)	Dr Ravneet Kaur and Dr Monika Bhattacharya	Electronics	2019-20		365 days	DBT	Government
11	Solar Piezoelectric Charger	Dr Ravneet Kaur and Dr Monika Bhattacharya	Electronics	2019-20		365 days	DBT	Government
12	the Experimental Determination of a Friction Coefficient by	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government
13	Laser Based Football Counter	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government
14	Li-Fi- Sound Transmission using LED lights	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government

15	Smart Mirror	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government
16	Smartphone to Digital Microscope	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government
17	Voice Controlling Car	Dr Amit Garg	Electronics	2019-20		365 days	DBT	Government
18	Resonance (SPR) Technique (Optical) for Trace Level	Dr Arijit Chowdhuri and Dr V. Bhasker Raj	Physics	2019-20		365 days	DBT	Government
19	Microbalance (QCM) Technique for Trace Level Sensing	Dr Arijit Chowdhuri and Dr V. Bhasker Raj	Physics	2019-20		365 days	DBT	Government
20	Microcontroller for Ambient Air Pollution Measurement	Dr Arijit Chowdhuri and Dr V. Bhasker Raj	Physics	2019-20		365 days	DBT	Government
21	Biochemical and Molecular Profile of Insects on Exposure to	Dr Sarita Kumar	Zoology	2019-20		365 days	DBT	Government
22	Cysteine-rich Domains in Tetmemena sp. Using Systematic	Dr Seema Makhija and Dr Ravi Toteja	Zoology	2019-20		365 days	DBT	Government
23	Biological Analysis of Leachate from Okhla Landfill	Dr Seema Makhija and Dr Ravi Toteja	Zoology	2019-20		365 days	DBT	Government

Students Summer Training Research Projects (Other than compulsory by the University) (Elite Projects)

	Title of the Project	Mentor/s	Department	Year of Award	Total grant sanctioned(Rupees)	Duration in days	Name of the funding agency	Type (Government/non-Government)	Students
1	Understanding the Phages: The Biology and the Relationship with their Host Expression	Dr. Urmi Bajpayi	Biomedical Sciences	2019-20	INR 2,13,789	60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Garima Kalakoti
2	Purification and Activity of Myasthenin on Most Efficient Working Hours of the Faculty in Computational	Dr. Urmi Bajpayi	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Ritam Das
3	Analysis of Natural Antagonists for Design of Computational Green Synthesis, Characterization Biological Evaluation of Metallo	Dr. Sunita Jetly, Dr. Archana Pandey	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Aarushi Khan, Alisha
4	Functional Analysis & Characterization of Mycobacterial Genes Surface Plasmon Resonance – A Tool to Detect Change in Refractive Index	Dr.Gagan Dhawan	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Ashwin Uday
5	Assessment of Plant Health by Estimation of Water Content, Acidity, and Ambient Air Pollution by Estimation of Chlorophyll	Dr.Gagan Dhawan	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Arundhati Chaudhary
6	Water Pollution – Estimation of Contamination in Local	Dr.Gagan Dhawan, Dr. Satendra Singh	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Konni, K. Gautam, Muskan
7	Attenuation of Controversial Medicinal Plants by Molecular	Dr. Namita Singh	Biomedical Sciences	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Pooja Khattar, Kanika
8	A Review of Lignin Degradation and its Bioconversion	Dr. Charu Khosla Gupta, Dr. Archana Pandey, Dr. Arijit Chowdhuri	Botany, Biomedical Science, Physics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Hannan, Sudepta Singh,
9	Graphene Oxide using Polysaccharide for Water Purification	Dr. Charu Khosla Gupta, Dr. Arijit Chowdhuri	Botany	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Mansi Arora, Harshvardhan
10	Effect of Sonication on Graphene Oxide (GO)	Dr. Charu Khosla Gupta, Dr. Arijit Chowdhuri	Botany, Physics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Nishi Kalson and Heena
11	Improved Hummer's Method formulates Graphene Oxide	Dr. Sumit Sahni, Dr. Vineet Kumar Singh, Dr. Manoj Kumar	Botany	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Nayan Singh and Ankita
12	Effect of Sonication on Graphite.	Dr. Sumit Sahni, Dr. Manoj Kumar Singh (Botany)	Botany	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Sakshi Gupta and Radhika
13	To Extract the Colored Component of Hibiscus rosa-sinensis Flowers and Study its A. Detection of Adulterants in Milk from different sources	Dr. Sumit Sahni, Dr. Manoj Kumar Singh (Botany)	Botany	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Chetna, Kalpana
14	Application: An Android App Development	Dr. Sunita Hooda, Dr. Geetu Gambhir	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Manisha Gupta
15	Effect of Sonication on Graphene Oxide (GO)	Dr. Sunita Hooda, Dr. Geetu Gambhir	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Sneha Mahar
16	Improved Hummer's Method formulates Graphene Oxide	Dr. Sunita Hooda, Dr. Geetu Gambhir	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Narain Swami
17	Effect of Sonication on Graphite.	Dr. Sunita Hooda, Dr. Geetu Gambhir	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Meghna Singh
18	To Extract the Colored Component of Hibiscus rosa-sinensis Flowers and Study its A. Detection of Adulterants in Milk from different sources	Dr. Pankaj Khanna, Dr. Neeti Misra, Dr. Kavita Mittal (Chemistry)	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Kirti Chugh, Ramandeep
19	Application: An Android App Development	Dr. Pankaj Khanna, Dr. Neeti Misra, Dr. Kavita Mittal	Chemistry	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Narshita Madaan and
20	Application: An Android App Development	Dr. Harita Ahuja, Dr. Preeti Marwaha, Dr. Gunjan Rani	Computer Science	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Smita Saxena, Priyanka

21	Creation of Online Repository of Ciliates of Delhi Region, India	Dr. Harita Anuja, Dr. Preeti Marwaha, Dr. Ravi Toteja, Dr. Seema Makhija	Computer Science, Zoology	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Rishabh Jain, Vishal, Neema
22	RFID Enabled Attendance System	Dr. Anju Agrawal, Mr. Dinesh Kumar	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Aditya Kumar and Gagan PUSKAR
23	Gesture Controlled Robot	Dr. Anju Agrawal, Dr. Monika Bhattacharya (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Baranwal and Anurag Saxena
24	Data Transfer through CPU Fan.	Dr. Ravneet Kaur, Ms. Gauri Ghai (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Lalit Upreti, Praval
25	Electro Simulation in Plants.	Dr. Ravneet Kaur, Ms Gauri Ghai (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Lalit Shukla & Reya Negi
26	Magnetic Collision Anti- Collision System	Dr. Ravneet Kaur, Ms Gauri Ghai (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Prajapat and Ankita
27	Solar Tracker	Dr. Udaibir Singh, Mr. Dinesh Kumar (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Abhishek Bhadana and Anush
28	Piezoelectric Generator	Ms. Gauri Ghai, Dr. Monika Bhattacharya (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Varshney and Abhishek
29	Real Time Passenger Counter	Bhattacharya, Mr. Dinesh Kumar (Electronics)	Electronics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Ajay Gupta, Mahak
30	Mathematical Sketch of Symmetric Group of Degree 5 (S5)	Dr. Sarita Agarwal	Mathematics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Pushkar Pandey and Kunal Pant
31	Compartmental Model in Traffic Congestion.	Dr. Sarita Agarwal	Mathematics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Anudeep A.S., Viren Tyagi and Anant
32	Review of Potential Biosensing Application using Quartz Crystal Microbalance for Monitoring Air Pollution Measurement Applications	Dr. Arijit Chowdhuri, Dr. V. Bhasker Raj	Physics	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Tripti Varshney
33	Protein Profiling of Haemolymph in <i>Helicoverpa armigera</i>	Dr. Sarita Kumar	Zoology	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Vatsal Bhargava, Parikshit Sabotia
34	<i>Larospontia melanogaster</i> : A Potent Model Organism for Ant Culture and Behavioural Studies	Dr. Sarita Kumar	Zoology	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Kotra and Maryada Arya
35	Isolation of Macronucleus from Ciliates.	Dr. Seema Makhija, Dr. Ravi Toteja	Zoology	2019-20		60 days	Acharya Narendra Dev College, University of Delhi (ELITE)	Government	Sunidhi Aneja

2020-21

S.No.	Name of the Research Project/ Endowment	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Developing and documenting innovative practices for luring, trapping and releasing of <i>Anopheles</i> mosquitoes	Prof. Sarita Kumar	Zoology	2020-21	NIL	2 Years	Ministry of Science & Technology, Department of	Government
2	Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes	Prof. Sarita Kumar	Zoology	2020-21	1,882,324	2 Years	ICMR	Government
3	DNA barcoding for ciliate species identification of Delhi, An investigation	Prof. Seema Makhija & Prof. Ravi Toteja	Zoology	2020-21	2,000,000	3 Years	SERB-DST	Government
4	Investigational study on Mycobacteriophages and their potential	Prof. Urmi Bajpai	BMS	2020-21	NIL	3 Years	Indian Council of Medical Research, India	Government
5	Recombinant endolysins from mycobacteriophages: synthesis, purification	Prof. Urmi Bajpai	Biomedical Science	2020-21	NIL	3 Years	SERB-DST	Government

Projects funded by DBT

S.No.	Name of the Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Phage Hunting: Collection, isolation and purification of	Prof. Urmi Bajpai	Biomedical Science	2020-21	NIL	365 days	DBT	Government
2	Survey to assess the Effect of COV- ID-19, an infectious disease	Dr. Sunita Jetly	Biomedical Science	2020-21		365 days	DBT	Government
3	Survey on extent of Awareness amongst the students of	Dr. Sunita Jetly	Biomedical Science	2020-21		365 days	DBT	Government
4	Survey to evaluate the intensity of psychological impact	Dr. Sunita Jetly	Biomedical Science	2020-21		365 days	DBT	Government
5	Survey to study the preventive measures adopted by the	Dr. Sunita Jetly	Biomedical Science	2020-21		365 days	DBT	Government

6	To isolate and collect the DNA from onion.	Dr Pooja Bhagat Dr Rashmi Thukral Dr Pankaj Khanna	Chemistry	2020-21		365 days	DBT	Government
7	To determine the pI of the amino acid	Dr Pooja Bhagat	Chemistry	2020-21		365 days	DBT	Government
8	To determine the melting point of the organic compound	Dr Kavita Mittal	Chemistry	2020-21		365 days	DBT	Government
9	Result Analysis-App	Dr Sharanjit Kaur Ms Vandita Grover	Computer Science	2020-21		365 days	DBT	Government
10	Examination Planner-App	Dr Sharanjit Kaur	Computer Science	2020-21		365 days	DBT	Government
11	Simulation of midpoint line algorithm using Python Tools	Dr Harita Ahuja	Computer Science	2020-21		365 days	DBT	Government
12	Twitter sentiment analysis during Cov- id-19 outbreak in India	Ms Vandita Grover	Computer Science	2020-21		365 days	DBT	Government
13	Stock market analysis during COV- ID-19 outbreak	Ms Vandita Grover	Computer Science	2020-21		365 days	DBT	Government
14	Gesture recognizing smart system using Flex Sensors	Dr Ravneet Kaur	Electronics	2020-21		365 days	DBT	Government
15	Virtual Lab for Electronics: To design a 3-dimensional virtual	Dr Ravneet Kaur Dr Monika Bhat-tacharya	Electronics	2020-21		365 days	DBT	Government
16	To investigate the use of an op-amp as an integrator	Dr Arijit Chowdhuri Dr V Bhaskar Raj Dr Sanjay Kumar	Physics	2020-21		365 days	DBT	Government
17	To investigate the use of an op-amp as a differentiator	Dr Arijit Chowdhuri Dr V Bhaskar Raj Dr Sanjay Kumar	Physics	2020-21		365 days	DBT	Government
18	To design an inverting amplifier using op-amp (741) for de voltage of	Dr Arijit Chowdhuri, Dr V Bhaskar Raj Dr Sanjay Kumar Dr	Physics	2020-21		365 days	DBT	Government
19	To design a Wien bridge oscillator for given frequency using	Dr Arijit Chowdhuri Dr V Bhaskar Raj Dr Sanjay Kumar	Physics	2020-21		365 days	DBT	Government
20	To design inverting amplifier using Op-amp (741) & study its	Dr Arijit Chowdhuri Dr V Bhaskar Raj Dr Sanjay Kumar	Physics	2020-21		365 days	DBT	Government

2021-22

S.No.	Name of the Research Project/ Endowment	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
1	Recommendation endolysins from mycobacteriophages: To explore their anti	Prof. Urmi Bajpai	Biomedical Science	2021-22	1,000,000	3 Years	SERBS, Department of Science and Technology
2	An investigative study on Mycobacteriophages and their role in	Prof. Urmi Bajpai	Biomedical Science	2021-22	NIL	3 Years	Indian Council of Medical Research (ICMR)
3	And the use of Sugar Bait (ATSB) methods to control mosquitoes in different regions of	Prof. Sarita Kumar	Zoology	2021-22	1,466,167	2 Years	Indian Council of Medical Research (ICMR) MERA INDIA
5	DNA barcoding for ciliate species identification of Delhi	Prof. Seema Makhija, Prof. Ravi Toteja	Zoology	2021-22	500,000	3 Years	DST-SERB
6	Development of process and evaluation of electron suppression positive on the side	Prof. Arijit Chowdhuri Co-PI	Physics	2021-22	23,60,000	1 Year	Microwave Tube Research and Development Centre (MTRDC)

Projects funded by DBT

S.No.	Name of the Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	To investigate the conditions which promote lysogeny	Prof. Urmi Bajpai	Biomedical Science	2021-22	INR 38,00,000	365 days	DBT	Government
2	To check whether virus/phages undergo lysogeny based on	Prof. Urmi Bajpai	Biomedical Science	2021-22		365 days	DBT	Government
3	Participation and characterization of lysins	Prof. Urmi Bajpai	Biomedical Science	2021-22		365 days	DBT	Government
4	Bacteriophage encoded lysins: Nature's Enzybotics (Enzyme as antibiotic)	Prof. Urmi Bajpai	Biomedical Science	2021-22		365 days	DBT	Government
5	Tumor Suppressor Genes v/s Body Mass and Longevity	Dr Sunita Jetly, Dr Ritu Khosla	Biomedical Science	2021-22		365 days	DBT	Government
6	Synthesis of various Nanoparticles by using extracts from	Prof. Gagan Dhawan, Dr Satendra Singh, Prof. Seema Gupta	Biomedical Science, Chemistry	2021-22		365 days	DBT	Government
7	Genetic predisposition to Hepatocellular carcinoma and possible	Dr Archana Pandey, Dr Ritu Khosla	Biomedical Science	2021-22		365 days	DBT	Government

8	Utilization of lignocellulosic waste in cultivation of Pleurotus oyster mushroom	Dr Anupama Shukla, Dr Anita Narang	Botany	2021-22		365 days	DBT	Government
9	Collection, isolation, characterization and cultivation of different mushrooms	Dr Anupama Shukla, Dr Anita Narang, Dr Sumit Sahni, Dr Manoj Kumar Singh	Botany	2021-22		365 days	DBT	Government
10	Mitigating Air pollution through Phylloremediation	Prof. Charu Khosla Gupta	Botany	2021-22		365 days	DBT	Government
11	Climate Change and Plant-pollinator relationship	Prof. Charu Khosla Gupta	Botany	2021-22		365 days	DBT	Government
12	Study of effect of air pollutants on soil microbiome	Prof. Charu Khosla Gupta, Dr Yash Mangla	Botany	2021-22		365 days	DBT	Government
13	ROS regulation during stages of seed germination owing to utilization of Pleurotus oyster mushroom	Dr Anita Thakur, Dr Geetika Kalra	Botany	2021-22		365 days	DBT	Government
14	Utilization of Pleurotus oyster mushroom on lignocellulosic waste	Dr Sumit Sahni, Dr Anupama Shukla	Botany	2021-22		365 days	DBT	Government
15	Utilization of Pleurotus oyster mushroom on lignocellulosic waste	Dr Sumit Sahni, Dr Manoj Kumar Singh	Botany	2021-22		365 days	DBT	Government
16	Utilization of Lignocellulosic waste in cultivation of Pleurotus oyster mushroom	Dr Sumit Sahni	Botany	2021-22		365 days	DBT	Government
17	Utilization of Lignocellulosic waste in cultivation of Pleurotus oyster mushroom	Dr Sumit Sahni	Botany	2021-22		365 days	DBT	Government
18	Synthesis of ZnO nanoparticles through sonication and its	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		365 days	DBT	Government
19	Investigative study of groundnut husk for the adsorptive removal of	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		365 days	DBT	Government
20	Adsorption of organic dye by magnetized Graphene oxide, Groundnut husk, CuO	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		365 days	DBT	Government
21	Synthesis of nanoparticles of Polyvinyl Alcohol by CO ₂ Precipitation	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		365 days	DBT	Government
22	Synthesis of magnetic nanoparticles and UV-Visible analysis	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		365 days	DBT	Government
23	Synthesis and Biological Activity of Chalcones	Prof. Rashmi Thukral	Chemistry	2021-22		365 days	DBT	Government
24	Extraction of essential oils by Green methods	Dr Manisha Jain	Chemistry	2021-22		365 days	DBT	Government
25	Computational studies on some Inorganic Compounds Using	Dr Manisha Jain, Dr Neeti Misra	Chemistry	2021-22		365 days	DBT	Government
26	Review on synthesis of Heterocyclic compounds and	Prof. Pankaj Khanna, Dr Neeti Mishra, Dr Kavita Mittal	Chemistry	2021-22		365 days	DBT	Government
27	Use of natural products for synthesis of biologically active	Dr Kavita Mittal	Chemistry	2021-22		365 days	DBT	Government
28	Magnetic Graphene Oxide/Chitin Nanocomposites as Ion Sensors from Aqueous	Dr Pragati Malik	Chemistry	2021-22		365 days	DBT	Government
29	Analyzing the effect of crime in India over Female foreign tourists	Prof. Sharanjit Kaur	Computer Science	2021-22		365 days	DBT	Government
30	Exploring machine learning models for ransomware data	Prof. Sharanjit Kaur	Computer Science	2021-22		365 days	DBT	Government
31	Implementing our virtual labs (computer Science computer simulations)	Prof. Sharanjit Kaur, Dr Gunjan Rani, Dr Nishu Singh, Dr Vandita	Computer Science	2021-22		365 days	DBT	Government
32	Disaster management to combat Covid-19	Dr Harita Ahuja, Dr Sunita Narang	Computer Science	2021-22		365 days	DBT	Government
33	Data Analysis and Visualization of Rainfall and floods in India	Dr Harita Ahuja, Dr Sunita Narang	Computer Science	2021-22		365 days	DBT	Government
34	College Resource and Space Utilization App	Mr Mahesh Kumar	Computer Science	2021-22		365 days	DBT	Government
35	Issues, Challenges, and Growth of e-Learning during Covid-19 pandemic	Ms Nishu Singh, Mr Mahesh Kumar	Computer Science	2021-22		365 days	DBT	Government
36	Visualizing your data of music app	Ms Gunjan Rani, Mr Mahesh Kumar	Computer Science	2021-22		365 days	DBT	Government
37	Alumni Database Handling	Ms Gunjan Rani	Computer Science	2021-22		365 days	DBT	Government

38	Faculty Database Handling	Ms Gunjan Rani	Computer Science	2021-22		365 days	DBT	Government
39	Text to Speech Converter	Ms Gunjan Rani	Computer Science	2021-22		365 days	DBT	Government
40	V-Labs	Ms Gunjan Rani	Computer Science	2021-22		365 days	DBT	Government
41	Library Book Reminder	Ms Gunjan Rani	Computer Science	2021-22		365 days	DBT	Government
42	Designing of a first order Low-pass and High-pass filter using software (Virtual Lab Development)	Dr Ravneet Kaur, Ms Gauri Ghai	Electronics	2021-22		365 days	DBT	Government
43	Study of the I-V characteristics of the Common Base transistor	Dr Ravneet Kaur, Ms Gauri Ghai	Electronics	2021-22		365 days	DBT	Government
44	To design an FIR Filter using elementary gates (Virtual Lab Development)	Dr Ravneet Kaur, Ms Gauri Ghai	Electronics	2021-22		365 days	DBT	Government
45	To verify Malus law	Dr Ravneet Kaur, Ms Gauri Ghai	Electronics	2021-22		365 days	DBT	Government
46	To determine the value of Boltzmann constant by study the forward characteristics of a diode	Dr Ravneet Kaur, Ms Gauri Ghai	Electronics	2021-22		365 days	DBT	Government
47	To determine Young's modulus, Modulus of rigidity and Poisson's ratio of a material	Dr sanjeeta kaur, Dr V Bhaskar Raj, Dr Satya Prakash, Dr Neelakshi Prakash	Physics	2021-22		365 days	DBT	Government
48	Automation of an upgraded machine as replacement of a manual machine	Prof. Arijit Chowdhuri, Dr V. Bhasker Raj	Physics	2021-22		365 days	DBT	Government
49	Environmental gas sensing applications of Quartz Crystal Microbalance (QCM)	Prof. Arijit Chowdhuri, Dr V. Bhasker Raj	Physics	2021-22		365 days	DBT	Government
50	Investigating the factors influencing generation and effects of E-field by using Gas Leakage Detector using Arduino and GSM Module with SMS Alert and Sound	Prof. Arijit Chowdhuri, Prof. Seema Makhija	Physics, Zoology	2021-22		365 days	DBT	Government
51	Gas Leakage Detector using Arduino and GSM Module with SMS Alert and Sound	Dr V. Bhasker Raj	Physics	2021-22		365 days	DBT	Government
52	Mutations in SARS-COV 2	Prof. Sarita Kumar	Zoology	2021-22		365 days	DBT	Government
53	Effect of Chitin Synthesis Inhibitors on the growth and bioassay of <i>Blattella germanica</i>	Prof. Sarita Kumar	Zoology	2021-22		365 days	DBT	Government
54	Biological Importance of heterocyclic Compound	Prof. Ravi Toteja, Prof. Seema Makhija, Dr Pooja Bhagat	Zoology, Chemistry	2021-22		365 days	DBT	Government
55	Bioindicators to assess the soil quality of AND College	Prof. Ravi Toteja, Prof. Seema Makhija, Dr Rahul Dev, Dr Pooja Bhagat	Zoology, Chemistry	2021-22		365 days	DBT	Government
56	Creation of animation and simulator for Virtual Laboratory of Zoology practicals	Prof. Ravi Toteja, Prof. Seema Makhija, Dr Rahul Dev	Zoology	2021-22		365 days	DBT	Government

Students Summer Training Research Projects (Other than compulsory by the University) (Elite Projects)

	Title of the Project	Mentor/s	Department	Year	Total grant sanctioned(Rupees in Lakhs)	Duration in days	Name of the funding agency	Type (Government/non-Government)	Students
1	To investigate the conditions which promote lysogeny in <i>Escherichia coli</i>	Prof. Urmi Bajpai	Biomedical Science	2021-22	INR 2,54,839	60 days	Acharya Narendra Dev College, University of	Government	Anurag Kumar, Srishti Singh
2	To check whether virus/phages undergo lysogeny based on Virus- Virus interaction	Prof. Urmi Bajpai	Biomedical Science	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Mehak Sharma B.Sc. (H) Biomedical Science
3	Purification and characterization of lysins from bacteriophage encodes	Prof. Urmi Bajpai	Biomedical Science	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Pinku Singh B.Sc. (H) Biomedical Science
4	Bacteriophage encoded lysins: Nature's Enzybiotics (Enzyme)	Prof. Urmi Bajpai	Biomedical Science	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Srinam B.Sc. (H) Biomedical Science
5	Tumor Suppressor Genes v/s Body Mass & Longevity	Dr Sunita Jetly Dr Ritu Khosla	Biomedical Science	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Yash Chahal, Sharika Mattoo B.Sc. (H) Biomedical Science
6	Synthesis of various Nanoparticles by using extracts from medicinal plants	Prof. Gagan Dhawan, Dr Satendra Singh, Prof. Seema Gupta	Biomedical Science, Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Suravi, Riya, Alshad, Geetika
7	Genetic predisposition to Hepatocellular carcinoma and possible chemoprevention	Dr Archana Pandey, Dr Ritu Khosla	Biomedical Science	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Gisshika Das, Pritika Khatun
8	lignocellulosic waste in cultivation of <i>Aspergillus niger</i>	Dr Anupama Shukla, Dr Anita Narang	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Kyara Dayal, Lalit Pal, Vinitha
9	Collection, isolation, characterization and cultivation of different mushrooms	Dr Anupama Shukla, Dr Anita Narang, Dr Sumit Sahni, Dr Manoj Kumar Singh	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Government	Vishal Singh, Shubhanshu, Krishna

10	Mitigating Air pollution through Phylloremediation	Prof. Charu Khosla Gupta	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Jay Kumar Sirmoria, Sruthi S. Kumar
11	Climate Change and Plant-pollinator relationship	Prof. Charu Khosla Gupta	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Rani, Mayank Kishor
12	Study of effect of air pollutants on soil microbiome	Prof. Charu Khosla Gupta, Dr Yash Mangla	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Sharma, Sahil
13	ROS regulation during stages of seed germination owing to	Dr Geetika Kalra, Dr Anita Thakur	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Dey, Devanshi
14	Cultivation of Pleurotuseryngii (King oyster mushroom) on	Dr Anupama Shukla, Dr Sumit Sahni	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Mritunjay Singh, B.Sc. (H)
15	Cultivation of Pleurotuseryngii (King oyster mushroom) on	Dr Sumit Sahni, Dr Manoj Kumar Singh	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Mritunjay Singh, B.Sc. (H)
16	Utilization of Lignocellulosic waste in cultivation of	Dr Sumit Sahni	Botany	2021-22		60 days	Acharya Narendra Dev College, University of	Mritunjay Chakraborty
17	Synthesis of Fe3O4 nanoparticles through sonication and its	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Puneet Chauhan, Akshit
18	Investigative study of groundnut husk for the adsorptive removal of	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Chen Yao, Eniya Tapo B.Sc.
19	Absorption of organic dye by magnetized Graphene oxide,	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Pasank Chauhan, Akshat
20	Synthesis of nanoparticles of Polyvinyl Alcohol by	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Rajni Sharma, Khushi
21	Synthesis of magnetic nanoparticles and UV-Visible analysis	Prof. Sunita Hooda, Prof. Geetu Gambhir	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Abhinav Roy, Bipasa
22	Synthesis and Biological Activity of Chalcones	Prof. Rashmi Thukral	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Aashu, Yukta, Aditi, Haran
23	Extraction of essential oils by Green methods	Dr Manisha Jain	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Anjan B.Sc. (H) Chemistry, J.Y.
24	Computational Studies on some Inorganic Compounds Using	Dr Manisha Jain, Dr Neeti Misra	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Kandari, Somya
25	Review on synthesis of Heterocyclic compounds and	Prof. Pankaj Khanna, Dr Neeti Mishra, Dr Kavita Mittal	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Gautam, B.Sc.
26	Use of catalysts for synthesis of biologically active	Dr Kavita Mittal	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Shweta B.Sc. (H) Chemistry, J.Y.
27	Magnetic Graphene Oxide/Chitin Nanocomposites as Ion	Dr Pragati Malik	Chemistry	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Bhatt, Sachin Rao
28	Analyzing the effect of crime in India over Female foreign tourists	Prof. Sharanjit Kaur	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Surdeep Verma, TishyaThu
29	Exploring machine learning models for ransomware data	Prof. Sharanjit Kaur	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Mor, Sushant
30	Implementing four virtual labs (computer Science computer	Prof. Sharanjit Kaur, Dr Gunjan Rani, Dr Nishu Singh, Dr Vandita	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Nitesh Pandey, Amitesh,
31	Disaster management to combat Covid-19	Dr Harita Ahuja, Dr Sunita Narang	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Sant, Anandita, Abhishek,
32	Data Analysis and Visualization of Rainfall and floods in	Dr Harita Ahuja, Dr Sunita Narang	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Deepanshu, Megha, Karki,
33	College Resource and Space Utilization App	Mr Mahesh Kumar	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Sharma Rishabh
34	Issues, Challenges, and Growth of e-Learning during Covid-19	Ms Nishu Singh, Mr Mahesh Kumar	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Anam Khan, Umilish,
35	Visualizing your data of music app	Ms Gunjan Rani, Mr Mahesh Kumar	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Somesh, Abhishek, Akanchha
36	Alumni Database Handling	Ms Gunjan Rani	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Bhatnagar, Pratham
37	Faculty Database Handling	Ms Gunjan Rani	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Shamwaz Khan, Pankaj
38	Text to Speech Converter	Ms Gunjan Rani	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Vivek Sharma, Aliya,
39	V-Labs	Ms Gunjan Rani	Computer Science	2021-22		60 days	Acharya Narendra Dev College, University of	Aradhana Nitesh Pandey, Sahiba,



Dr. Jagdish Chander
Scientist – G/Adviser
TEL: 00-91-11-26967357/26590613/26590432
FAX: 00-91-11-26862418
E-mail: jchander@nic.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय
विज्ञान और प्रौद्योगिकी विभाग
टेक्नोलॉजी भवन, नया महरौली मार्ग
नई दिल्ली-110 016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI-110 016

D.O No. INT/Slovenia/P-09/2014

Dated November 24 2014

Dear Dr. Chowdhuri,

I am pleased to inform you that your project entitled **Exposure-response assessment of Ambient Air Pollution (AAP) AND Hg contamination in affected cities of India and Slovenia: A comparative study**, has been recommended for support with one short visit of upto a maximum of 10 days and a long visit of upto 30 days duration each year in each direction. The sending party shall cover all related costs connected with 'International travel to the state of the receiving party and back including lodging and boarding for person sent in pursuant of this project.

In order to issue formal sanction of the project, we request you to kindly send us the administrative and security/sensitivity clearance from your parent organization (Ministry/ Department). In case of Universities/Academic organization, the PIs should organise such clearance from concerned authority in their university/institute. We would also require information in the attached checklist and budget estimates in a separate sheet. Budget details (with proper justification) may be furnished keeping in view the following provisions:

- I) Airfare from place of work in India to place of visit in Slovenia by lowest economy class (indicate sector)
- II) Medical Insurance & Visa Charges
- III) Perdiem @US \$50 per day for short term (up to 7 days) and US \$ 40 per day for long term visit (more than 7 days)
- IV) Accommodation in hotel (upto US \$ 100 per night)
- V) Local transport in Slovenia (upto US \$ 25 per day) as per actuals.

Since the project is only visit based, no grant under equipment, consumables, manpower etc. would be sanctioned. This should be kept in mind while filling details under serial no.4 in the checklist. Kindly acknowledge the receipt of this letter. An early reply would be highly appreciated.

With kind regards,

Yours sincerely,

(Jagdish Chander)

Endo. as above

Dr. Arijit Chowdhuri,
Acharya Narendra Dev College (University of Delhi),
Kalkaji- 110 019, New Delhi, India

NO.IN1/SLOVENIA/P-09/2014
Government of India
Ministry of Science & Technology
Department of Science & Technology
(International Division)

Dated 21.05.2015

ORDER

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs. 16,11,375/- (Rupees sixteen lakh eleven thousand three hundred seventy five only)** in connection with the implementation of Indo-Slovenia Joint research project entitled "**Exposure-response assessment of Ambient Air Pollution of India and Slovenia: A comparative study**", under the Indo-Slovenia programme of Cooperation to be implemented by Indian P.I. **Dr. Arijit Chowdhuri**, Asst. Professor, Acharya Narendra Dev College, University of Delhi, Kalkaji, New Delhi-19, in collaboration with Slovenian counterpart **Dr. Milena Horvat**, Head & Professor, Department of Environmental Science, Jozef Stefan Institute, Slovenia, for a total duration of three years from the date of receipt of initial grant. The break-up of approved expenditure is as indicated below and no reappropriation (from one budget head to the other) shall be allowed under this project.

Sl.No.	Budget Head	1 st yr	2 nd yr	3 rd Year	total
1.	Number of visits (2 every year, one of 10 days by PI and one of up to 15 days by Student/Young researcher)	2 visits (25 days)	2 visits (25 days)	2 visits (25 days)	6 visits (75 days)
2.	Air Fare Int'l' air travel (shortest route) by lowest Economy class (to & fro) for visit of Indian participants to Slovenia including Domestic travel in India, Silver class medical insurance and visa fee @ Rs. 1,27,000/- per visit (Rs. 1,20,000 +2,000 +5000)	2,54,000	2,54,000	2,54,000	7,62,000
3.	Accommodation charges for stay in Slovenia @ US\$ 100/- per day @ Rs. 65 per day	1,62,500	1,62,500	1,62,500	4,87,500
4.	Living allowance (per diem) @ US\$ 50 for short term visit (7 days* USD 50) and US\$ 40 per day for long term visits (15 days * USD 40) @ Rs. 65 per day	65,000	65,000	65,000	1,95,000
5.	Consumables and Contingencies	15,000	15,000	15,000	45,000
6.	Local Travel in Slovenia @ US\$ 25 per day restricted to actual and on production of bills @ Rs. 65 per day	40,625	40,625	40,625	1,21,875
7.	Total :- (2+3+4+5+6)	5,37,125	5,37,125	5,37,125	16,11,375

2. Sanction of the President is also accorded for release of initial grant of **Rs. 5,37,125 /- (Rupees five lakh thirty seven thousand one hundred twenty five only)** and the payment of this amount may be made to DDO, DST, by means of electronic transfer (E-transfer) for the account of **Principal, Acharya Narendra Dev College, University of Delhi, Kalkaji, New Delhi-19**

-Name/Designation of account holder : **Acharya Narendra Dev College, Govindpuri, Kalkaji, N. Delhi- 110019.**
 -Bank Account No. : **0156000100547016**
 -Name of Bank & Address : **Punjab National Bank, 36, Krishna Market, Kalkaji, N. Delhi- 19.**
 -IFSC Code : **PUNB0015600**

(This sanction order being 1st installment for implementation of this project, no UC/ SE is due from the grantee institute against this project at this stage)



Contd. . . P/2

FILE NO. EMR/2017/004051
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 09-Oct-2018

ORDER

Subject: Financial Sanction of the research project titled "Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential" under the guidance of Dr. Urmi Bajpai, Biomedical Sciences, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi, New Delhi, Delhi-110019 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4670200/- (Rs. Forty Six Lakh Seventy Thousand Two Hundred Only) with break-up of Rs. 1279400/- under Capital (Non-recurring) head and Rs. 3390800/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4670200/- has been approved are given below:
The following budget may be considered for Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> - 20 Deep freezer -> Cold cabinet 2-8°C -> Gel Rocker -> Microplate Reader	1279400
A'	Total (Non-Recurring)	1279400
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	1216800 1750000
2	Recurring - III : (Overhead Charges)	424000
B'	Total (Recurring)	3390800
C	Total cost of the project (A' + B')	4670200

2. Sanction of the SERB is also accorded to the payment of Rs. 1279400/- (Rupees Twelve Lakh Seventy Nine Thousand Four Hundred only) under 'Grants for creation of capital assets' and Rs. 1071000/- (Rupees Ten Lakh Seventy One Thousand only) under 'Grants-in-aid General' to THE PRINCIPAL, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)

This release is being made under Core Research Grant. (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

4. The Sanction has been issued to Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi with the approval of the competent authority under delegated powers on 04 October, 2018 and vide Diary No. SERB/F/7839/2018-2019 dated 08 October, 2018

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2350400/- (Rupees Twenty Three Lakh Fifty Thousand Four Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	ANDC DST-SERB
--------------	---------------

Account Number	0156000100586626
Bank Name & Branch	PUNJAB NATIONAL BANK KALKAJKRISHNA MARKET, KALKAJI, NEW DELHI 11001926214313, 26441318
IFSC/RTGS Code	PUNB0015600
Email id of A/C Holder	principal@andc.du.ac.in
Email id of PI	urmibajpai@andc.du.ac.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2017/004051 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

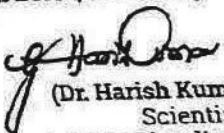
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

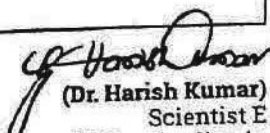
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Urmi Bajpai Biomedical Sciences Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi, Delhi-110019 Email: urmibajpai@andc.du.ac.in Mobile: 919811299719 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	THE PRINCIPAL, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

Technology Bhawan
 New Mehrauli Road
 New Delhi-110016
 Dated 12.12.2018

ORDER

Sub: Financial approval of the project under Women Scientist Scheme-B (WOS-B) entitled "Developing and documenting innovative Practices for learning physics and biology Through experimentation for children and young adults."

PI: Ms. Anshumala Gupta, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019.

Sanction of the President is hereby accorded to the above mentioned project at a total cost of ₹ 14,70,000/- (Rupees Fourteen Lac Seventy Thousand only) for a duration of two years. The items of expenditure for which the total allocation of ₹ 14,70,000/- (recurring) has been approved for three years are given below:

Sl. No.	Heads	1 st Year	2 nd Year	Total
A.	Non-Recurring (Capital Items)			
	Equipments:	-----	-----	-----
B.	Recurring(General)			
	Fellowship for B.tech@₹30,000/-	3,60,000/-	3,60,000/-	7,20,000/-
	Consumables	20,000/-	20,000/-	40,000/-
	Contingencies	20,000/-	20,000/-	40,000/-
	Travel	20,000/-	20,000/-	40,000/-
	Other Cost (For field demonstration and audio/visual films & kits)	2,50,000/-	2,50,000/-	5,00,000/-
C.	Overhead	65,000/-	65,000/-	1,30,000/-
D.	Total of Recurring Grant (B+C)	7,35,000/-	7,35,000/-	14,70,000/-
E.	GRAND TOTAL (A+D)	7,35,000/-	7,35,000/-	14,70,000/-

2. Sanction of the grant is subject to the conditions as detailed in website www.dst.gov.in.

3. The sanction of the President is also accorded to the release of ₹ 7,35,000/- (Rupees Seven Lac Thirty Five Thousand only) under "General Component" to **Principal, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019**, being the first installment of the grant for the year 2018-2019 for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

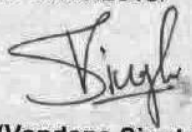
7. The grant-in-aid being released is subject to condition that:-

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of FR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.


Contd. p/-2

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other source/project either supported by DST or by any other funding agency.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18:
- 3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 **Grants-in-aid General for the year 2018-2019 (Voted)**
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)
15. The amount of ₹ 7,35,000/- (Rupees Seven Lac Thirty Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **The Principal, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019**. The bank details for electronic transfer of funds through RTGS are given below:-
- Institute name : Acharya Narendra Dev College
Bank Name : Punjab National Bank
Account No : 0156000100586644
Branch : Krishna Market, Kalkaji, New Delhi-19
IFSC code : PUNB0015600
16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.464 in the register of grants maintained in the **KIRAN Division** for scheme (**KIRAN: WOS-B**).
17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/2844/2018-19 dated 24.09.2018.


(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. Principal, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019.
4. Ms. Anshumala Gupta, Department of Zoology, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019
5. Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College, Govindpuri Kalkaji, New Delhi-110019
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi
8. Sanction Folder.


(Vandana Singh)
Scientist-E

----- Forwarded message -----

From: Paramarsh UGC

<ugc.paramarsh@gmail.com>

Date: Tue, Jan 28, 2020 at 2:25 PM

Subject: UGC PARAMARSH regarding

To: <principal@andc.du.ac.in>

Sir

This is to inform you that the UGC Expert Committee allocated an amount of Rs.30,00,000/- to your institution. Hence, you are requested to submit the revised budget details to take further action in this regard.

regards,

Section Officer

IC Section

UGC

Phone:- 011-23604519

	Scheme	Bank Details	Agency Name In Bank	Status	AccountNo	Bank Status	Branch Status	Receiving Funds from	Component Mapping
My Schemes	University Grants Commission (UGC) - (0875)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	UGC KTH PLAN GRANT A/C A N DEV COLLEGE	Approved	0156000100490727	✓	✓	University Grants Commission	NO
Agencies									
EAT MIS Process									
My Funds	MALVANA AZAD NATIONAL FELLOWSHIP FOR MINORITY STUDENTS - (1338)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	UGC KTH PLAN GRANT A/C A N DEV COLLEGE	Approved	0156000103490727	✓	✓	University Grants Commission	NO
Transfers									
Advances	TECHNOLOGY UPGRADATION AND QUALITY CERTIFICATION - (1858)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	UDGAR ANDC BUSINESS INCUBATOR	Approved	0156000100580367	✓	✓	Central Government	NO
Scheme Abandon									
Expenditures	TECHNOLOGY UPGRADATION AND QUALITY CERTIFICATION - (1858)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	UDGAR ANDC BUSINESS INCUBATOR	Approved	0156000100580367	✓	✓	Central Government	NO
Bank	Biotechnology Research and Development - (0350)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	ACHARYA NARENDRA DEV COLLEGE "SAVITHRI SINGH" AMIT GARG	Approved	0156000100582383	✓	✓	Central Government	NO
Register/ Track Issue									
Misc. Deduction Filing	Science and Technology, Information and Human Resource Studies - (1812)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	ACHARYA NARENDRA DEV COLLEGE	Approved	0156000100586594	✓	✓	Central Government	YES
Utilisation Certificate									
Accounting System Integration	Indian Council of Medical Research, New Delhi - (1536)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	ACHARYA NARENDRA DEV COLLEGE	Pending Agency Approval	0156000100547503	✓	✓	Indian Council of Medical Research	YES
Bank Printing Templates	SCIENCE AND ENGINEERING RESEARCH BOARD - (1022)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	ACHARYA NARENDRA DEV COLLEGE	Approved	0156000100586626	✓	✓	SCIENCE AND ENGINEERING RESEARCH BOARD	YES
	University Grants Commission (UGC) - (0875)	PUNJAB NATIONAL BANK (PUNB0015600) DELHI NEW KALKAJI KRISHNA MARKET	ACHARYA NARENDRA DEV COLLEGE	Approved	0156000100589502	✓	✓	University Grants Commission	YES
	SCIENCE AND ENGINEERING RESEARCH BOARD - (1022)				Cash	₹	₹		

On 11-Mar-2020, at 2:22 PM,
 Paramarsh UGC
 <ugc.paramarsh@gmail.com> wrote:

Sir,

I would like to request you to send the screen shot of the PFMS approval so that it can be sent to Finance Bureau for release of funds.

Regards,
 Section Officer
 IC Section, UGC
 Phone: 011 22604510



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
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Department of Health Research, Ministry of Health & Family ...
Government of India



सत्यमेव जयते

Web based Submission, Processing & Mana...

User Home (/ICMR/proposerPage.do) | Proposal Submission▼ | Full Proposals▼
Project▼ | Update Profile (/ICMR/registrationAction.do?hmode=query) | Personal▼
Logout

Details of PI(s)

- Dr. Shripad A Patil** (shripadpatil@yahoo.com(Click To change PI)) [Registration Details](#)

(National JALMA Institute of Leprosy and other Micobacterial Diseases, Agra, Uttar Pradesh) [Resume](#)
[Co-PI Details](#)
- Mr. Amit Misra** (amit_misra@cdri.res.in(Click To change PI)) [Registration Details](#)

(Central Drug Research Institute, Lucknow, Uttar Pradesh) [Resume](#)
[Co-PI Details](#)
- Dr. Vikas Jain** (vikas@iiserb.ac.in(Click To change PI)) [Registration Details](#)

(Indian Institute of Science Education and Research ,Bhopal, Bhopal, Madhya Pradesh) [Resume](#)
[Co-PI Details](#)
- Dr. Urmil Bajpai** (urmibajpai@andc.du.ac.in(Click To change PI)) [Registration Details](#)

(Acharya Narendra Dev College, New Delhi, Delhi) [Resume](#)
[Co-PI Details](#)

Submission Details

Title: An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis
[Edit Title](#)

Proposal ID : 2019-1181

File Number: 5/8/5/38/2018-ECD-I

RFC Number: ECD/Adhoc/66/2019-20 Dt: 07.10.2018

Submission Date: 06-03-2019

Duration of Project: 36 months

Project Start Date: 25-10-2019
[Edit Start Date](#)

Broad Area:-

Scanned by CamScanner

Major Discipline:-

TUBERCULOSIS & CHEST DISEASES

Is Ethical Clearance Required?

No

Review Version:-

F1 (Detailed file)

Full Proposal Details

Concept Proposal Details

Pre-Proposal File

Comments

Dr. Manjula Singh

Full Proposal Details

Full Proposal Comments Dr. Manjula Singh

Program Officer's Review Details

Sl.No.	Program Officer Name	Program Officer Id	Date of Assign	Status	Comments	Transfer Assignments
1	Dr. Manjula Singh	drmanjulasingh	09-Apr-2019	Evaluated	View	

Click to view history of PO(s) Assigned

Institute wise sanctioned budget and remaining budget

PI	Institute	Sanctioned amount	Released amount	Remaining amount
Dr. Shripad A Patil	National JALMA Institute of Leprosy and other Micobacterial Diseases	Rs. 1698800.00	Rs. 2835800.00	Rs. -1137000.00

Required Documents 

Project Budget

aaa (in Rs.)

Year	PI Name	Manpower	Equipment	Recurring	Travel	Overhead Charges	Total
Year : 1	Dr. Shripad A Patil	189600.00	0	200000.00	20000.00	0	409600.00
	Mr. Amit Misra	372000.00	0	300000.00	30000.00	33600.00	735600.00
	Dr. Vikas Jain	0	0	500000.00	30000.00	25000.00	555000.00

PI Name	manpower	Equipment	Recurring	Travel	Overhead Charges	Total	
	Dr. Urmi Bajpai	<u>372000.00</u>	<u>300000.00</u>	<u>400000.00</u>	<u>25000.00</u>	<u>38600.00</u>	1135600.00
Year: 2	Dr. Shripad A Patil	<u>189600.00</u>	<u>0</u>	<u>500000.00</u>	<u>30000.00</u>	<u>0</u>	719600.00
	Mr. Amit Misra	<u>259000.00</u>	<u>0</u>	<u>350000.00</u>	<u>30000.00</u>	<u>30000.00</u>	669000.00
	Dr. Vikas Jain	<u>0</u>	<u>0</u>	<u>500000.00</u>	<u>30000.00</u>	<u>25000.00</u>	555000.00
	Dr. Urmi Bajpai	<u>249600.00</u>	<u>0</u>	<u>250000.00</u>	<u>25000.00</u>	<u>25000.00</u>	549600.00
Year: 3	Dr. Shripad A Patil	<u>189600.00</u>	<u>0</u>	<u>350000.00</u>	<u>30000.00</u>	<u>0</u>	569600.00
	Mr. Amit Misra	<u>288000.00</u>	<u>0</u>	<u>500000.00</u>	<u>30000.00</u>	<u>40000.00</u>	858000.00
	Dr. Vikas Jain	<u>0</u>	<u>0</u>	<u>500000.00</u>	<u>30000.00</u>	<u>25000.00</u>	555000.00
	Dr. Urmi Bajpai	<u>280800.00</u>	<u>0</u>	<u>200000.00</u>	<u>25000.00</u>	<u>25000.00</u>	530800.00
Total Budget (in Rs):						78,42,400.00	

Note:-If you want to see previously submitted/approved budget details, then click on link given below.

1. Sanctioned Budget
2. PRC Recommended Budget
3. Proposed Budget

Go Back

Designed, Developed and Maintained by C-DAC



May 27, 2020

Dr. Sarita Kumar

saritakumar@andc.du.ac.in

Re: CC Community Activities Fund

Dear Sarita Kumar,

Summary: Commons Corporation (“CC”) has awarded a Community Activities Fund project grant to Sarita Kumar (the “Grantee”) in the total amount of USD \$845. This letter agreement (the “Agreement”) sets forth the terms and conditions of the grant award.

Payment Terms, Use of Funds: The grant will be paid in a single installment via wire transfer using the bank information provided by Grantee on page 4 of this Agreement. Upon receipt of the countersigned Agreement (including the bank information), CC will disburse the funds within a reasonable period of time, typically about 15 business days. Grant funds shall be used exclusively to support the project as set forth in the Grantee’s approved proposal and budget, attached to this Agreement as Exhibit A.

No Pledge: This Agreement shall not be interpreted to create any pledge or any commitment by CC to make any other or further grants or contributions to Grantee or any other person or entity for this or any other project.

Reporting and Communications: Upon completion of the project, Grantee agrees to deliver to CC a final narrative report, no more than 2 pages, that describes the outcome of the project, the audiences reached and/or people impacted, and any lessons learned. Additionally, Grantee agrees to remain in reasonable contact with CC throughout the project, as well as respond to reasonable requests from CC about the project and its progression.

Code of Conduct: Grantee agrees to abide by the [Creative Commons Global Network Code of Conduct](#) throughout the project.

Unused Funds: Unless otherwise agreed in writing, Grantee agrees to return any unexpended or unaccounted-for funds to Creative Commons.

Records: Original receipts and invoices **must be maintained** by Grantee for six months after completion of the project and shall be made available to Creative Commons upon request.



No Lobbying: Grantee confirms that the grant funds will not be used for the purposes of lobbying, carrying on propaganda, or otherwise attempting to influence legislation, as those purposes are defined by the United States Internal Revenue Code of 1986. If Grantee is in doubt about whether its proposed activities may constitute lobbying, Grantee must consult with Creative Commons prior to undertaking them.

Intellectual Property: Grantee agrees that all original copyrighted material produced pursuant to this grant will be made available under a Creative Commons Attribution 4.0 international license or CC0 public domain dedication. Grantee assumes the burden and expense of clearing all third party rights associated with such material, including with respect to any materials received or maintained in confidence, and/or any third party rights, including but not limited to copyrights, trademarks, and rights of privacy and publicity.

Publicity and Acknowledgement: The Grantee may publicly acknowledge CC as a financial supporter of the project in promotional materials and on its website, if applicable. CC hereby grants permission to Grantee to use the Creative Commons logo in connection with such public acknowledgement.

No Agency: The Grantee is solely responsible for all activities supported by the grant. Nothing in this Agreement creates a partnership, agency, joint venture, employment, or any other type of relationship. The Grantee shall not represent itself as an agent of CC for any purpose, and has no authority to bind CC in any manner whatsoever.

Indemnity: Grantee agrees, to the fullest extent permitted by law, to defend, indemnify, and hold harmless Creative Commons, its officers, directors, affiliates, employees, and agents, from and against any and all claims, liabilities, losses and expenses (including reasonable attorney's fees) directly, indirectly, wholly or partially arising from or in connection with any negligent act or omission of Grantee, its employees or agents, in applying for or accepting the grant, in expending or applying grant funds, or in carrying out the project as set forth in the proposal.

Entire Agreement: Grantee acknowledges and agrees that this Agreement represents the entire agreement between Grantee and Creative Commons with respect to the subject matter addressed herein. The terms of this Agreement may be modified only by a written agreement signed by both parties.

CREATIVE COMMONS CORPORATION

211 Hope Street #1866
Mountain View, CA 94042
<http://creativecommons.org>



Name: Cable Green
Title: Interim CEO
Date: May 27, 2020

Agreed to and accepted on behalf of Grantee:

Name: Sarita Kumar
Date: May 29, 2020



Please provide the following information

Full name of your bank* <i>(do not use acronym)</i> PUNJAB NATIONAL BANK
Your bank's transit or branch code (if applicable)* PUNB0015600
Beneficiary name on the account <i>(do not use acronym)</i> ACHARYA NARENDRA DEV COLLEGE
Your IBAN or account number* 0156000100539822
Address of organization accepting the grant funds <i>(if applicable)</i> GOVINDPURI, KALKAJI, NEW DELHI-19

Please attest to the accuracy of the information above with your signature, or if you are accepting funds on behalf of your organization, the signature of the appropriate corporate officer of your organization:

Dr Ravi Toteja; May 29, 2020

Signature

Name (printed) & Date

Officiating Principal

principal@andc.du.ac.in

Title

Email Address (required)

If different from above signatory, please provide contact information for questions about Wire Transfer payments:

Wire Transfer Contact Name (printed)

Email Address (required)



** If you have questions about this information, please contact your bank.*

Exhibit A:

OER Awareness and Adoption in Indian Higher Education: A Short Survey

Project description:

The project aims to conduct an online survey among academicians and learners in India regarding OER awareness, CC licenses and, adoption and utilization of these resources in teaching-learning process.

We aim to target about 200 faculty members and 500 students across UG & PG courses for their knowledge and perception about OER; extent of usage; and constraints faced by them. The survey will be conducted through online questionnaire and one-on-one online interactions.

The project will be conducted with the help of 15 undergraduate students and 05 postgraduate students who will use their network in different Universities across India in order to bring regional and cultural diversity in the data. The collected data will be collated and analyzed using adequate statistical tools.

The survey will be followed by a webinar targeted to make both – academicians / faculty and students, aware about the importance and adoption of CC and OER. The theme of the webinar will be based on the results of the survey, yet prime focus will be on the importance of OER and CC licenses, identification of suitable educational material with adequate license and its adoption in day-to-day teaching-learning process.

Budget:

- Students' incentives for dissemination of information, collection of data, follow-up within their network, collation of result, analysis, report making, organization of webinar, etc: USD 600 [@ USD 30 each]
- Project Coordinator: USD 75
- Honorarium of Resource Person of Webinar: USD 100
- Technical help for webinar: USD 20
- Miscellaneous & Expenses: USD 50

Total estimated budget: USD 845

Timeframe:

Proposed duration of the project: June 2020 – September 2020. The project will be coordinated through New Delhi, India; however, the data will be collected across India.



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भारतीय त्वायुर्विज्ञान अनुसंधान परिषद
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

e-112279

No. Mera/3/2020-ECD-II


Dated: 31/7/20

Sub: Payment of 1st & Final installment of 1st Year grant in aid for the research scheme entitled, "Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR" under PI: Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College, New Delhi

MEMORANDUM

The Director General, ICMR sanction the payment of Rs. 18,82,324/- (Rupees Eighteen Lakh Eighty Two Thousand Three Hundred Twenty Four Only) as the 1st & Final installment of 1st Year of the grant for year 2019-20. The amount of Rs. 18,82,324/- may be debited from the provision of Rs. 18,82,324/- made for the above research scheme for the current financial year 2020-21.

A Formal bill of Rs. 18,82,324/- (Rupees Eighteen Lakh Eighty Two Thousand Three Hundred Twenty Four Only) is sent herewith for payment by RTGS to The Officiating Principal, Acharya Narendra Dev College, (University of Delhi), Govindpuri, Kalkaji, New Delhi-110019.


(Dr. Samiran Panda)
Head ECD, ICMR

Accounts Section- V, ICMR

Copy to:-

1. **The Officiating Principal, Acharya Narendra Dev College, (University of Delhi), Govindpuri, Kalkaji, New Delhi-110019**
A bank draft for the amount of Rs. 18,82,324/- (Rupees Eighteen Lakh Eighty Two Thousand Three Hundred Twenty Four Only) as the 1st & Final installment will be sent to you in due course.
2. **Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College, (University of Delhi), Govindpuri, Kalkaji, New Delhi-110019**
3. IRIS Section
4. Mrs. Vandana, Sr. Technical Officer (2)


Head ECD, ICMR

श्री. रामलिंगस्वामी भवन पोस्ट बॉक्स नं. 491,
अंसारी नगर, नई दिल्ली - 110 029, भारत
V. Ramalingaswami Bhawan, P.O. Box No. 491,
Ansari Nagar, New Delhi - 110 029, India

Tel: +91-11-26588895 / 26588980 / 26589794
+91-11-26589336 / 26588707
Fax: +91-11-26588662 | icmr@nic.in



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कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research
Department of Health Research, Ministry of Health
and Family Welfare, Government of India

No. MERA/3/2020-ECD-II

Dated: 31/7/20

To

The Officiating Principal,
Acharya Narendra Dev College,
(University of Delhi),
Govindpuri, Kalkaji,
New Delhi-110019

Sub: Sanction of budget allotment for the ICMR Task Force New Scheme entitled, "Attractive Toxic Sugar Bait (ATSB) methods to control mosquitoes in different regions of Delhi and NCR" under PI: Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College, New Delhi

Sir,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of **One year** from **03.08.2020** subject to extension up to the total duration specified in para 3 below:

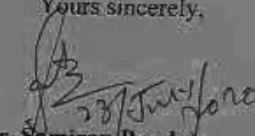
The Director General of the Council also sanctions the budget allotment of **Rs. 18,82,324/- (Rupees Eighteen Lakh Eighty Two Thousand Three Hundred Twenty Four Only)** as detailed in the attached statement for the period w.e.f. **3.08.2020** year ending on **2.08.2021** during **2020-21**.


The grant in aid will be given subject to the following conditions:


1. The payment of the grant will be made in lump sum to the Head of the Institute. The first installment of the grant will be paid generally as soon as report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in prescribed format attached.
2. The staff appointed on the project should be paid as indicated in the budget statement attached.
3. The approved duration of the research scheme is **2 Years**. The annual extension will be given after review of the work done on the research scheme during the previous years.

4. Fifteen copies of the annual progress report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.
5. The Institute will maintain a Separate Saving Bank Account of the receipts and expenditure incurred on the research scheme and will furnish a utilization certificate and an audited statement of the accounts pertaining to the grant.
6. **The grant shall be utilized after following provision laid down in GFR-2017 and TA rules.**
7. The other terms & condition are indicated in the website of ICMR (www.icmr.nic.in) for "Guidelines" for operation of projects for Grants of ICMR's Extramural Research Projects". The receipt of the letter may please be acknowledged.

Yours sincerely,


(Dr. Samiran Panda)
Head ECD, ICMR


1. Copy together with a copy of the budget statement forwarded to the Account Section - V, ICMR information and necessary action.
2.  **Dr. Sarita Kumar, Associate Professor in Zoology, Acharya Narendra Dev College, (University of Delhi), Govindpuri, Kalkaji, New Delhi-110019**
3. Copy together with two copies of the budget section (Fin) ICMR for compilation of the Council's Budget. RFC No. (P-45)/ECD/Other Programme/2/2019-20
Dated: 19/03/2020
4. IRIS Section
5. Mrs. Vandana, Sr. Technical Officer (2), ICMR.


Head ECD, ICMR

BUDGET FOR 1st YEAR
(3.08.2020 TO 2.08.2021)

S.No.	Head	1 st Year
1. (a)	JRF @Rs. 31,000/-p.m +HRA24%	4,61,280/-
(b)	Project Assistant @ Rs.31,000/-	3,72,000/-
(c)	Project Technician III@Rs.18,000/-	2,16,000/-
(d)	MTS@ Rs. 15,800/-	1,89,600/-
2.	Contingency (Recurring)	
(a)	Chemicals, Glassware and Plasticware	2,00,000/-
(b)	Personal Protection Unit (04 set)	50,000/-
(c)	Review Meeting, Honorarium etc. for three meetings, incentives for support staff, local inhabitants	1,00,000/-
(d)	Publication charges	1,50,000
(e)	Miscellaneous	30,000/-
3.	Equipment	
(a)	Thermo-hygrometers (02 Nos.)	10,000/-
(b)	Flat fan nozzle compression pump sprayers with calibrated discharge rate (06)	15,000/-
4.	Overhead charges @5%	88,444/-
Total		18,82,324/-

(Rupees Eighteen Lakh Eighty Two Thousand Three Hundred Twenty Four Only)


 23/July/2020
 (Dr. Samiran Panda)
 Head ECD, ICMR

FILE NO. CRG/2020/003493
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070


Dated: 19-Feb-2021

ORDER

Subject: Research project entitled "DNA Barcoding for ciliate species identification of Delhi, India" under the guidance of Dr. Seema Makhija, Zoology, Acharya narendra Dev College , No.3, govind puri, kalkaji, new delhi, New delhi, Delhi-110019 and by Dr. Ravi Toteja, Associate Professor, Zoology, Acharya Narendra Dev College.

1. This is in continuation of SERB's sanction order No. "CRG/2020/003493" dated "30 December, 2020 " of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 1000000/- (Rupees Ten Lakh only) under 'Grants for creation of capital assets' to Principal, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi being the 2nd grant for the financial year 2020-2021 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 0/- (Rupees only) recurring Rs. 0 and Non-Recurring Rs. 0) to Acharya narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi from FY 2019-2020 to FY 2020-2021 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Core Research Grant. (Organismal and Evolutionary Biology(Animal Sciences))
7. The Sanction has been issued to Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi with the approval of the competent authority under delegated powers on 16 February, 2021 and vide Diary No. SERB/E/7679/2020-2021 dated 17 February, 2021
8. The release amount of Rs. 1000000/- (Rupees Ten Lakh only) (Recurring Rs. 0 and Non-Recurring Rs. 1000000) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

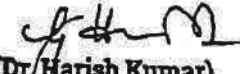
PFMS Unique Code	ANDC
Account Name	Acharya Narendra Dev College
Account Number	0156000100555352
Bank Name & Branch	Punjab National Bank Krishna Market 36, Krishna Market, Kalkaji, New Delhi-110019
IFSC/RTGS Code	PUNB0015600
Email id of A/C Holder	principal@andc.du.ac.in
Email id of PI	seemamakhija@andc.du.ac.in
9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


(Dr. Harish Kumar)
Scientist E
ms_as@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>Dr. Seema Makhija Zoology Acharya narendra Dev College, No.3, govind puri, kalkaji, new delhi, New delhi, Delhi-110019 Email: seemamakhija@andc.du.ac.in Mobile: 919136563762</p> <p>Dr. Ravi Toteja Zoology Acharya Narendra Dev College</p>
5.	<p>Principal, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi</p>


(Dr. Harish Kumar)
Scientist E
ms_as@serbonline.in

Budget Details

File Name :CRG/2020/003493

Project Title :DNA Barcoding for ciliate species identification of Delhi, India

PI Name :Seema Makhija

S. No	Head	Total (in Rs.)
A	Non-recurring (Capital Items)	
1	Equipment -> Upright compound advance research microscope for bright field and DIC microscope with digital imagin - 1	1000000
A'	Total - Capital	1000000
B	Recurring Items	
1	Manpower -> Laboratory Staff - 1 -> Junior Research Fellow - 1	1947360
2	Consumables	400000
3	Travel	150000
4	Contingencies	150000
5	Other Cost 150000	150000
6	Scientific Social Responsibility	20000
	General - I (Manpower, Consumables, Travel, Contingencies, Other Cost, SSR)	2817360
	General - II Overhead Charges	380000
B'	Total - Recurring	3197360
C	Total cost of the project (without overhead)	2817360
D	Total cost of the project (A' + B')	4197360



Professor (Dr.) Bijayalaxmi Nanda
Officiating Principal

TO WHOMSOEVER IT MAY CONCERN

14.03.2022

This is to certify that a R & D CARS project is sanctioned from MTRDC, DRDO on 11 January 2022 to Professor Monika Tomar as Project investigator for a duration of one year with a total outlay of Rs. 23.60 Lakh only. Further it is certified that Professor Arijit Chowdhuri (Department of Physics, Acharya Narendra Dev College, University of Delhi) and Dr. Anjali Sharma (Department of Physics, Atma Ram Sanatan Dharam College, University of Delhi) are Co-PI in the said project.

I extend my best wishes to the project team for successful implementation of the project.

कार्यवाहक प्रधानाचार्या / Officiating Principal
मिरांडा हाऊस / Miranda House
दिल्ली विश्वविद्यालय / University of Delhi
दिल्ली / Delhi-110 007



फोन/Phone: +91-080-22658241/28386809

फैक्स/FAX: +91-080-28386809 / 6804

ई.मेल E-mail: mmg@mtrdc.drdo.in

भारत सरकार, रक्षा मंत्रालय, रक्षा अनुसंधान तथा विकास संगठन
सूक्ष्मतरंग नलिका अनुसंधान तथा विकास केन्द्र
पी ओ बाक्स-1310, जालहल्ली, बेंगलूर-560013

Government of India -- Ministry of Defence
Defence Research & Development Organisation
**MICROWAVE TUBE RESEARCH AND DEVELOPMENT
CENTRE (MTRDC)**
P.O.Box 1310, Jalahalli, Bangalore 560013, India

No. MTRDC/MMG/20206/TE/LP/2021-2022/BUP

Date: 16 December 2021

To

University of Delhi
Department of Physics,
Miranda House
DELHI – 11 007

Kind Attn.: Prof. Monika Tomar

**SUBJECT : FINALISATION OF CARS CONTRACT IN R/O "DEVELOPMENT OF PROCESS
AND EVALUATION OF ELECTRON SUPPRESSION COATING ON THE GRIDS USED IN TWTs"**

1. Your proposal for the subject CARS contract has been accepted to the extent of Rs. 23,60,000.00 and we are enclosing 03 copies of CARS contract with terms and conditions for your approval and return to us.
2. One original copy would be sent to you after signing by the Centre Head, MTRDC

S Vijay Mahendra
भंडार अधिकारी/ Stores Officer
For Centre Head

कृपया हमारे पत्रों को उत्तर देते समय हमारी पत्र संख्या तथा दिनांक लिखें। यह आपके पत्र संख्या को उत्तर देने में अतिशय सहायता देगी।
Kindly always quote our letter number and date while replying. This will immensely assist prompt attention to your communication.





Contract for Acquisition of Research Services (CARS)

By Signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1.	Short title of Research Service to be provided: Development of Process and Evaluation of Electron Suppression Coating on the Grids used in TWTs			Contract No. MTRDC/MMG/20206/CARS/LPO/ /2021-22/BUP Date: ___ Dec. 2021 Period of the Contract: 12 Months from the date of signing
2.	RSQR Document Ref. No.: -----	Date of Issue YY MM DD 2021 12	Issuing DRDO Lab/ Estt/ Project: MTRDC, DRDO, Bangalore	Dates of CARS Amendments:
3.	Name and address of Research Service Provider (RSP): Department of Physics, Miranda House, University of Delhi DELHI – 110 007			4. RSP's Offer Ref.
5.	(a) This Contract will require a formal amendment if the following key professional are not available to RSP: Prof. Monika Tomar , Department of Physics, Miranda House, University of Delhi – DELHI – 110 007.			
	(b) RSP is authorized to engage these professionals as research consultants (names, institutes/ companies):			
6.	Principal technical features of Offer as related to RSQR (Detailed in Annexure-I)			
7.	DRDO will make available the following DRDO-owned equipment to RSP (Detailed in Annexure-II): NIL			
8.	The technical performance of this contract shall be complete when RSP submits the Final Report before (date): 12 Months			
9.1	Expenditure on items below shall not exceed sums shown against each sums shown against each			Rs. (in lakhs)
	a)	Personnel		0.00
	b)	Equipment (shall be reallocated as per actual expenditure)		15.00
	c)	Others (miscellaneous, contingency and spares) (shall be reallocated as per actual expenditure)		5.00
		Total Rs.		20.00
		GST @ 18%		3.60
		Grand Total		23.60
9.2	Schedule of payments (Rs. In Lakhs)		Date (T ₀ – Date of Contract)	Payment (Rs. in lakhs)
	a)	Initial Advance	T ₀ + ... Months	18.0
	b)	at Performance Milestone I of RSQR	T ₀ + 6 months	4.5
	c)	at performance Milestone II of RSQR + Submission of Final Report	T ₀ + 12 months	1.1
	@Payments will be made within 45 days of receipt by L/E/P of Contingent Bill			Total: 23.60
10.	General conditions of CARS remain unchanged. Other specific conditions in CARS are amended to read: -			
11.	DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: [Sign over seal] Name: Designation: Date:			12. Signature of L/E/P contract administrator: Name: Designation: Date:

GENERAL CONDITIONS OF CARS

ANNEXURE TO CONTRACT NO. MTRDC/MMG/20206/CARS/LPO/ /2021-22/BUP Dt. 2021

Specific Conditions of this contract : The following conditions apply (L/E/P to stipulate) in addition to General Conditions listed at II below:

Technical Performance : The satisfactory execution of the technical features of this contract shall be established against Performance Milestones as specified in the Contract.

Delivery Schedules : The interim reports and/or other outcome(s) of this contract shall be delivered as specified in the Contract.

General Conditions of this CARS

1. Equipment:

1.1 All equipment of a capital nature purchased, to execute this contract are the property of DRDO (L/E/P). These shall be returned to L/E/P within 03 months of expiry of this contract, unless L/E/P specifies otherwise separately.

NOTE : Should there be a difference of opinion between the RSP and L/E/P on whether or not a piece of equipment is of 'capital nature', the decision of L/E/P shall be final and binding on the RSP.

1.2 Equipment included in the Summary Offer of Research Services [at entry 9.1] shall be procured by the RSP.

1.3 The RSP shall be responsible for the proper maintenance of the equipment and shall not alienate them, or use them without the prior permission of L/E/P for purposes other than those specified in this contract.

2.0 Financial provisions : By entering into this contract, the RSP agrees to make available to the L/E/Ps, or to any person or bodies designated by it, if requested by the L/E/Ps, all financial documentation and records on supplies and services purchased or acquired by the RSP for executing the contract.

2.1 Advances, work in progress and schedule of payments :

(a) Advances or milestone payments are interim payments, which shall be deducted from the total sums due to the RSP

(b) The L/E/P shall make payments for executing this contract on demands made through "Contingent Bills" after certification by the pertinent financial authority of the RSP that the monies already released have been utilized for the purposes for which they were provided.

(c) Except with the specific written pre-agreement of the L/E/P, the RSP shall not use for any purposes other than those specified in this contract, any material or services for which advances or milestone payments have been made.

2.2 Financial documentation and records :

(a) For work whose estimated time for completion is six months or less, the RSP shall submit only those reports as relate to the purchase of equipment by the RSP, within thirty (30) days of such purchase (if applicable).

(b) For contracts whose estimated time for completion is more than six months, the RSP shall provide the L/E/P not later than thirty (30) days after the end of each half-year, with a half-yearly financial report showing the actual expenditure incurred, against each of the entries at 'item 9.1' overleaf, for the execution of the contract up to the end of the previous half-year.

(c) The L/E/P, or other authority specified by DRDO, may inspect all books, bills, vouchers and other financial records at any time until the final settlement of accounts. The RSP shall supply the L/E/P with such documents as are necessary for final settlement of claims, without explicit request by the L/E/P, within three (3) months after the date of submission of the final report.

(d) The documents supporting claims shall be preserved by the RSP until one year after the contract accounts are finally settled.

3. Disclosure and use of information by the RSP : The RSP will ensure that the documents supplied by the L/E/P are not disclosed to any person other than a person authorized by the L/E/P. Any pattern, sample or information in documentary or other physical form remains the property of the L/E/P throughout the period of the contract and shall be returned to the L/E/P after execution of the contract, unless their disposal is otherwise provided for in the contract.

4. Delivery Schedule :

4.1 The interim outcomes of the contract shall be delivered at the time or times and in the manner specified in I above.

4.2 The RSP shall inform the L/E/P properly of any occurrence that is likely to cause delay in delivery of above contracted outcomes. The L/E/P shall determine, in the light of circumstances reported, the extent of change(s) required in the delivery schedule of the contract.

Note : The above covers only unexpected technical difficulties, gross delays in deliveries by suppliers of purchased equipment or consumables, illness or other justifiable cause of unavailability of research personnel and similar unforeseen circumstances.

4.3. An extension of the time limit for execution of the contract, or a postponement of delivery of outcomes shall require the explicit approval of the L/E/P, which approval shall be contractually valid only when this contract is formally amended by the L/E/Ps as recorded on top right hand corner overleaf.

5. Short-closure of contract : The contract may be short-closed at any time during the currency of its execution if the L/E/P feels that no useful purpose will be served by continuing its implementation. The short closure will be deemed to be effective from the day the short closure order is received by the RSP. Subsequent to this short-closure the RSP will submit a technical report on the work done till short-closure. The monies left unspent on the date of receipt of short-closure order by the RSP shall be returned to L/E/P. All equipment/stores acquired out of contract monies shall also be returned to L/E/P.

6. Reports : Reports giving details of the progress of the work shall be sent to the L/E/P at intervals as specified in I above. On completion of the contract, the RSP will submit a final report (Contractor Report). All reports shall be in a format conforming to Indian Standard IS:1064-1980, bound with Bibliographic Description sheet conforming to IS:9400-1980.

7. Ownership of intellectual Property (IP):

7.1. The ownership of intellectual property, whether or not legally protected, generated by contract research performed under this contract shall vest in DRDO. However, the RSP shall receive, upon demand by it, a royalty-free licence from DRDO to use these intellectual properties for its own purposes, which purposes specifically exclude sale or licensing to third parties.

7.2. Notwithstanding the above, all documents and information detailing the technical performance of this contract (including pertinent laboratory notebooks, sketches, photographs, video tapes of experiments, electronic data acquisition records and other similar) shall be the property of DRDO, whether or not in the physical possession of DRDO.

8. Publications : Interim technical results and the outcome of the contract, intellectual or physical, are the property of DRDO. If the investigator intends publishing the technical outcome, he shall send a written request to L/E/P for permission to publish along with a copy of the manuscript. Within 60 (sixty) days of the receipt of such request, the L/E/P will inform the investigator(s) about its decision. If no communication is received from the L/E/P by the investigator/RSP within this period of 60 (sixty) days, the investigator / RSP shall be free to publish the material as proposed by him.

9. Publicity relating to this contract : This existence of the contracts or the status of their execution shall not be publicised by the RSP in the media or in its Periodic / Annual Report except with the written consent of L/E/P. The latter shall specify the text relating to this contract that may be made public.

10. Communications: All communications affecting the performance of the contract or its terms and conditions shall be contractually valid only when confirmed by formal communication by the signatory.

11. Compliance with law : Notwithstanding anything contained in the contract, the RSP shall be solely responsible for complying with all laws in force in India.

12. Settlement of disputes: All disputes to a CARS shall be settled mutually between the RSP and Director of L/E/P placing the CARS. Any remaining unresolved disputes shall be referred to final binding settlement by authorities mutually decided by the Secretary, Defence Research & Development, Ministry of Defence, and Secretary, HRD, Government of India, unless otherwise provided for in

Research Service Qualitative Requirement (RSQR) of (19)

“Development of process and evaluation of electron suppression coating on the grids used in TWTs”

INTRODUCTION:

MTRDC is developing non-intercepting gridded electron guns for Travelling Wave Tubes (TWTs) at various frequency bands. Non-intercepting gridded electron gun is a very important and critical sub assembly of a TWT and used for pulsing the electron beam in a pulse TWT. The control grid, which is a thin vane like structure with opening of 50% to 80% is placed very close in front of cathode to control the electron beam from the cathode by applying a small pulse voltage and the shadow grid is an exact replica of the control grid and placed just above the cathode (and operate at cathode potential) matched in orientation with the control grid. This will stop the emission of electron from the part of the cathode shadowed by shadow grid and hence protect the control grid from electron bombardment. Typical grid material used is molybdenum. After few 100 hours of operation of the TWT the emitting mixture material of the cathode (responsible for electron emission from the cathode) accumulates on the shadow grid and shadow grid starts emitting electrons. This results in higher control grid current as the shadowing effects reduces with time and subsequently lead to catastrophic failure of the TWT. Hence for long life and better reliability of the TWT, the shadow grid requires electron suppression coating. Typically a thin film of Zirconium is coated on the Molybdenum with a Tungsten as intermediate layer to act as electron suppression coating. For better performance of the TWT, the shadow grid requires to be coated only on the concave side and control grid on both sides.

OBJECTIVE:

To develop the process of deposition of thin films of Zirconium on the Molybdenum grids with Tungsten as intermediate layer which will withstand the high temperature (1050 degree Centigrade) in the Ultra High Vacuum (UHV $\sim 10^{-7}$ Torr) environment of a TWT.

SCOPE:

1. Development of process of deposition of thin films of Zirconium on the Molybdenum grids with Tungsten as intermediate layer.
2. High temperature (1050 degree Centigrade) withstanding capability and peel off test of the coating.
3. Coating of grids supplied by MTRDC (5 pairs) for experimental evaluation in the actual TWT environment.

DELIVERABLES:

1. Process documents – 1 hard copy
2. Coated grids – 5 pairs (Molybdenum grids will be supplied by MTRDC)

DURATION:

12 (Twelve) months

MILESTONE WISE PAYMENT SCHEDULES:

Sl. No.	Milestone	Time	Work Completion
1	Initial advance	To	Project initiation and signing of contract
2	Milestone 1	T0+6 months	Purchase of equipments/ subsystems, deposition of Tungsten and Zirconium coating, process optimisation on samples and peel off test and interim report
3	Milestone 2	T0+12 months	Deposition of coating on actual grids, peel off test and high temp withstanding capability test in UHV environment and final report

B. Bharat Kumar

Bharat Kumar, Sc-D 7/10/21

Initiating Officer

M. Santra 7/10/21

Dr. M Santra, Sc-G

OIC-Gn-III

Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th Floor
CGO Complex, Lodi Road
New Delhi-110003
Dated: 22/05/2017

ORDER

In continuation of this Department's sanction order of even no. dated.22.05.2017 sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978 to the release of an amount of ₹ 15.00 lakhs (Rupees fifteen lakhs only) to Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi) being 1st year release under recurring head for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme for the financial year 2017-18 as per details given below:-

Head	(₹ In lakhs) Amount
Recurring to all seven dept. @ ₹ 2.00 lakhs per year (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	14.00
Travel Grant (Mentoring, Monitoring and Site Visit)	1.00
Total:	15.00

2. The amount of ₹ 15.00 lakhs (Rupees fifteen lakhs only) will be drawn by the Drawing and Disbursing Officer, DBT from the Pay and Accounts Officer, DBT and disbursed to **The Principal, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** through electronic transfer/RTGS as per the details are given below:-

Name of the Bank	Punjab National Bank
Branch Name & Address	Krishna Market, Kalkaji, New Delhi
Account No.	0156000100546062
Nature of Account	Savings
IFSC Code	PUNB0015600
MICR Code	110024052


3. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.
4. Being the first release to the programme no Utilization Certificate pertaining to this programme is required with the college.
5. As per "Rule 236 (1) of GFR 2017", the Account of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

Continue...2/-

6. In case the whole or a part of the amount of the grant in aid is being refunded, an interest at the rate of 10% per annum thereon shall be recovered.
7. The terms and conditions of the grant remain unchanged.
8. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2017-18

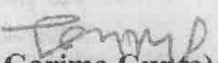
9. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/469/2017-18 dated.18.05.2017**
10. This sanction order has been noted at serial No...¹³.....in the register of grants.


(Dr. Garima Gupta)
Scientist-D

To,
The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
4. Dr. Ravi Toteja, Associate Professor, Department of Zoology, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
5. Sanction Folder


(Dr. Garima Gupta)
Scientist-D

Government of India
Ministry of Science & Technology
Department of Biotechnology

Block No. 2, 6-8th Floor
CGO Complex, Lodi Road
New Delhi-110003
Dated: 22/05/2017

ORDER

In continuation of this department's sanction order of even no. dated.22.05.2017 sanction of the President is hereby accorded under Rule 18, of the delegation of Financial Power Rules, 1978 to the release of an amount of **₹ 35.00 lakhs (Rupees thirty five lakhs only)** to **Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** being the **first year release under non-recurring head** for the implementation of the project for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme for financial year 2017-18, as per details given below:-

Head	(₹ in lakhs) Amount
<u>Non-Recurring</u> Equipment @ ₹ 5.00 lakhs per dept. (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	35.00

2. The amount of **₹ 35.00 lakhs (Rupees thirty five lakhs only)** will be drawn by the Drawing and Disbursing Officer, DBT from the Pay and Accounts Officer, DBT and disbursed to **The Principal, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** through electronic transfer/RTGS as per the details are given below:-

Name of the Bank	Punjab National Bank
Branch Name & Address	Krishna Market, Kalkaji, New Delhi
Account No.	0156000100546062
Nature of Account	Savings
IFSC Code	PUNB0015600
MICR Code	110024052

3. As per "Rule 236 (1) of GFR 2017", the Account of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.
4. The terms and conditions of the grant remain unchanged.
5. Being the first release to the programme no Utilization Certificate/Statement of Expenditure pertaining to this programme is required from the college.
6. Non-recurring grant shall be utilized within 18 months of their release.

Continue...2/-

7. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.

8. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

9. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/470/2017-18 dated.18.05.2017**

10. This sanction order has been noted at serial No.....⁶.....in the register of grants.

(Dr. Garima Gupta)
Scientist-D

To,

The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
4. Dr. Ravi Toteja, Associate Professor, Department of Zoology, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
5. Sanction Folder

(Dr. Garima Gupta)
Scientist-D

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of Life Science and Biotechnology Education and Training at undergraduate level under Star College Scheme to **Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** at a total project cost of ₹ 80.00 lakhs (Rupees eighty lakhs only) for three years as per budget details are given below:-

Head	Amount (₹ In lakhs)			
	1 st Year rel	2 nd Year rel	3 rd Year rel	Total
<u>Non-Recurring</u> Equipment @ ₹ 5.00 lakhs per dept. (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	35.00	-	-	35.00
<u>Recurring</u> to all seven depts. @ ₹ 2.00 lakhs per year (Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology)	14.00	14.00	14.00	42.00
<u>Travel Grant (Mentoring, Monitoring and Site Visit)</u>	1.00	1.00	1.00	3.00
Total:	50.00	15.00	15.00	80.00

2. **Dr. Ravi Toteja, Associate Professor, Department of Zoology, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by him, finance/accounts officer of college and head of college in duplicate at the end of financial year.
3. The college is required to implement the programme as per the terms and conditions given in **Annexure-I**.
4. The accounts of the programme to be maintained by the **Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)** shall be open to inspection by the sanctioning authority/audit, whenever the college is called upon to do so.
5. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.31	Grants-in-Aid General for the year 2017-18

Continue...2/-

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research (Major Head)
60	Others (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
29	Biotechnology Research and Development, Human Resource Development, Research Resources and facilities
29.17	Assistance for Research and Development
29.17.35	Grants-in-Creation of Capital Assets

6. Non-recurring grant shall be utilized within 18 months of their release.
7. The institute/agency will keep the whole of the grant in a bank account earning interest, and the interest so earned should be reported to DBT in the utilization certificate and statement of expenditure. The interest so earned will be treated as a credit to the institute/agency and shall be adjusted towards further installment of the grant and/or at the time of final settlement of accounts.
8. No Utilization Certificate pertaining to this programme is required with the college as it is a first time grant to the grantee institution.
9. This issues under powers delegated to this Dept. and with the concurrence of IFD vide their **San No. 102/IFD/SAN/468/2017-18 dated:18.05.2017**
10. This sanction order has been noted at serial No....1.2.....In the register of grants.

Garima
(Dr. Garima Gupta)
Scientist-D

To,
The Pay & Accounts Officer
Department of Biotechnology
New Delhi-110003

Copy to:

1. The Principal, Director of Audit (Scientific Departments), AGCR Building, New Delhi-110002
2. Cash Section, DBT, (2 Copies)
3. The Principal, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
4. Dr. Ravi Toteja, Associate Professor, Department of Zoology, Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi – 110019 (Delhi)
5. Sanction Folder

Garima
(Dr. Garima Gupta)
Scientist-D

**ACHARYA NARENDRA DEV COLLEGE
(UNIVERSITY OF DELHI)**

MINUTES OF THE GOVERNING BODY MEETING

Meeting of the Governing Body was held on Monday, February 27, 2012 at 4.00 p.m in the committee room of the college.

The following members were present:

1. Professor Akshay K. Pradhan (in the Chair)
2. Professor V.K. Kaul Treasurer
3. Dr. Poonam A. Kant Teacher Representative
4. Dr. Monisha Khanna Teacher Representative
5. Dr. Savithri Singh Principal (Member Secretary)
6. Dr. Amit Garg Bursar (Special Invitee)

I. Action Taken Report (G.B. Meeting dated 2nd November 2011)

1. The term of Dr. Amit Garg as Bursar of the college extended till 14th July 2012 [item No. 13 of IV. Administration A. Reported and approved].
2. Re-appointment letters issued to ad-hoc teachers after usual break for a period of four months or till the new appointments are made whichever is earlier, as per the workload and requirement in the semester/annual system [item No. 1 of B. Considered and approved].
3. Services of Dr. Sarita Agarwal as Temporary Assistant Professor in the Department of Mathematics of the college extended with effect from 05.11.2011 for a further period of one year or till the new appointment is made whichever is earlier [item No. 2 of B. Considered and approved].

II. Minutes of the meetings of the Governing Body held on November 2, 2011 and February 20, 2012 were confirmed.

III. Academic:

The college had organised following workshops, lectures etc.

1. Acharya Narendra Dev Memorial Lecture by Dr. Ranjana Kumari on 02.11.2011, title "Gender Inequality: challenges of making an equitable society".
2. 4-day Open Education Resource (OER) workshop for Mumbai University Teachers from November 29 to December 2, 2011.
3. The college held two photography workshops for the staff and students on 21 – 21 October 2011 and 2 – 3 December 2011 in collaboration with Centre for Advancement of Public Understanding of Science and Technology (CAPUST). The resource person was renowned nature photographer Ms. Rathika Ramasamy. The workshop entailed theoretical lessons along with hands-on sessions. The field work included visits to Biodiversity Park, and National Zoological Park.
4. Public Lecture by Dr. Richard M. Stallman on Free Software and your freedom on February 1, 2012.

2. Audit report from the Examiner Local Fund Accounts and Action taken report by the college for the financial year 2009-2010.

The Governing Body approved the Action taken report by the college on Examiner Local Fund Accounts audit report for the year 2010-2011.

3. Administrative approval of the depository works for the construction of toilet block and extension of existing staff room through Public Works Department (Civil), Govt. of NCT of Delhi and permission to use the funds from the Society Account.

The Governing Body granted administrative approval as well as permission to use funds from the society Account for the construction of toilet block and extension of existing staff room through Public Work Department (Civil), Govt. of NCT of Delhi as 'Deposit works'.

4. Summer internship award to students who join research projects/summer training during vacations.

The college has been regularly conducting summer training programmes in different departments and students working in various research projects run in the college. The response of the students to these activities is very positive and we need to give it a further boost as the college is primarily for teaching science.

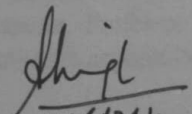
The Staff Council at its meeting held on 17.02.2012 discussed the matter to further popularise these activities and resolved that the summer internship awards may be constituted and given to students who join research projects/summer trainings in various laboratories during the vacations. It was further suggested that a stipend of Rs. 1000/- p.m per student may be awarded under the scheme. Appropriate guidelines for the same may be formulated.

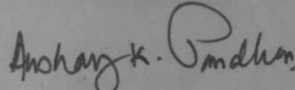
The Governing Body discussed the constitution of summer internship award and resolved to accept the recommendation of the Staff Council of the college. It was further resolved to approve the grant of stipend of Rs. 1000/- p.m per student and to use society account funds for the purpose, as a boost for students for their participation in research projects and summer trainings etc.

In any other matter with the permission of the Chair, the Principal placed the recommendations of a duly constituted Selection Committee meeting held on Monday, February 27, 2012 at 3.30 p.m for the appointment of Administrative Officer in the college before the Governing Body for approval.

The Governing Body approved the recommendation of the Selection Committee for the appointment of Mr. V.S. Rao as Administrative Officer in the college, as per the University of Delhi recruitment rules.

The meeting ended with the vote of thanks to the Chair.


Principal
(Member Secretary)


Chairperson
Governing Body

Fwd: 8th Meeting of the Task Force to review ongoing colleges supported under DBT-Star College Scheme” held on 25th -26th August 2020

Dr. Ravi Toteja <principal@andc.du.ac.in>

Wed, Dec 9, 2020 at 5:01 PM

Reply-To: andc-ad-hoc-faculty@googlegroups.com

To: andc-ad-hoc-faculty <andc-ad-hoc-faculty@googlegroups.com>, andc-faculty <andc-faculty@googlegroups.com>

HEARTIEST CONGRATULATIONS TO ANDC FAMILY!!!
Another Milestone achieved by us.

----- Forwarded message -----

From: **Garima Gupta Scientist E** <garima.g@nic.in>

Date: Wed, 9 Dec 2020 at 1:22 PM

Subject: 8th Meeting of the Task Force to review ongoing colleges supported under DBT-Star College Scheme” held on 25th -26th August 2020

To: <archanapandey@andc.du.ac.in>

CC: <principal@andc.du.ac.in>, <ravitoteja@andc.du.ac.in>

Dear Dr. Toteja, (ANDC, Delhi)

This is with reference to the 8th Meeting of the Task Force to review ongoing colleges supported under DBT-Star College Scheme” held on 25th -26th August 2020. The comments/decisions by the Task Force are as below:

“Dr Ravi Toteja presented the progress of the college under Star College Scheme for seven departments i.e. Biomedical Science, Botany, Chemistry, Computer Science, Electronics, Physics and Zoology, sanctioned on 22nd May 2017 for a period of three years.

Task Force noted the college proposed to introduce the virtual lab which was a great initiative for the students. They have included videography of the practicals for remote areas. They performed substantial hands-on training, conducted 60 workshops in the Electronic; including the Robotic, laser etc topic which was very useful for the students. The College also organized workshops and training programmes and included participation of other colleges. Overall, the college has been able to achieve tremendous success as the student progression was evident by the presentation.

In view of the above, the Task Force **recommended awarding** the Star Status to the participating departments in the college with one-time non-recurring grant of Rs. 15.00 lakhs (per dept) and recurring grant of Rs. 5.00 lakhs per year per dept, contingency of Rs 1.00 lakhs per year and Travel of Rs 2.00 lakhs per year for a period of three years”.

Now, as per the above mentioned details, the college has been upgraded to Star Status and the support will be extended for another 3 years i.e. from 21.05.2020 to 21.05.2023. Therefore, you are requested to submit the following:

1. UC/SE for the FY 2019-20 (01.04.2019 to 31.03.2020) (as per the attached format)
2. MoA (extended period) from the date of completion to the date of extension i.e. 21.05.2020 to 21.05.2023.
3. In accordance with Rule 230 (8) of GFR 2017, All interest or other earnings against Grants in Aid or advances (other than reimbursement) release to any Grantee institution should be mandatory remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not

earned/unspent NR amount if any in favor of NTR Portal i.e. www.bharatkosh.gov.in and to sensitize the users through DDOs for receiving receipt through this portal only at the earliest as the release of further grants will not be allowed in absence of this.

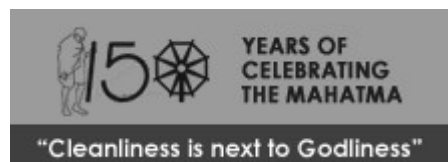
4. Annexure – II (as per the attached format); Please indicate any equipment costing above Rs. 1.00 lakh or Rs. 3.00 lakhs in the format attached. Also note that purchase of laptops an general purpose items like table, chair, ac is not permitted under NR-head.

5. Any further expenditure and release of funds will be permitted after due approval of finance is obtained, subject to the submission of correct financial documents by the College.

Note: It is requested to send all the above mentioned documents via email in PDF format (duly signed and stamped and scanned by competent authority) followed by originals via post.

Regards,
Dr. Garima Gupta

डॉ गरिमा गुप्ता,
वैज्ञानिक - ई, जैव प्रौद्योगिकी विभाग,
विज्ञान एवं प्रौद्योगिकी मंत्रालय कमरा न. 510,
ब्लॉक ३ सी. जी. ओ. परिसर लोधी रोड
नई दिल्ली-110003
Dr. Garima Gupta,
Scientist - 'E', Department of Biotechnology,
Ministry of Science & Technology
Room No. 510 , Block 3 CGO Complex
Lodhi Road, New Delhi-110003



Dr. Ravi Toteja
Officiating Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi 110019

Ph: 011 26294542, 011 26293224
Mob: 9811675982
Fax: 011 26294540

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You received this message because you are subscribed to the Google Groups "ANDC Ad-hoc faculty" group. To unsubscribe from this group and stop receiving emails from it, send an email to andc-ad-hoc-faculty+unsubscribe@googlegroups.com.
To view this discussion on the web visit <https://groups.google.com/d/msgid/andc-ad-hoc-faculty/CALHea%2BNi7551MukWuvd5YwQ9hV%3D3CocHh%2B-CoJ1wJgC3LqUjUA%40mail.gmail.com>.



GFR 12 – A
[(See Rule 238 (1))]

**FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION**

UTILIZATION CERTIFICATE FOR THE YEAR 2017-2018 in respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

Name of the Scheme :- Exposure-response assessment of Ambient Air Pollution (AAP) and Hg Contamination in Affected cities of India and Slovenia: A Comparative study

1. Whether recurring or non-recurring grants :- Recurring
2. Grants position at the beginning of the Financial year
 - (i) Cash in Hand/Bank :- 5,41,367
 - (ii) Unadjusted advances NIL
 - (iii) Total :- 5,41,367

3. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants Received Years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available (1+2-3+4)	Expenditure incurred	Closing Balances
			Sanction No.	Date	Amount			
1	2	3	4			5	6	7
			(i)	(ii)	(iii)			
5,41,367	8,187	8,187	INT/Slovenia/P-09/2014	-	NIL	5,49,554	3,90,356	1,51,011

Component wise utilization of grants:			
Grant-in-aid- General	Grant-in-aid Salary	Grant-in-aid-creation of capital assets	Total

Details of grants position at the end of the year

- (i) Cash in Hand/Bank :- 1,51,011
- (ii) Unadjusted Advances NIL
- (iii) Total :- 1,51,011

(For the financial year 2017 - 2018)


1	Title of the programme/Scheme	: STAR COLLEGE SCHEME
2	Name of the Organization:	: Acharya Narendra Dev College
3	Course Coordinator	: Dr. Ravi Toteja
4	Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme	: BT/HRD/11/020/2017, 22.05.2017
5	Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given	: NIL
6	Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid)	: BT/HRD/11/020/2017, 22.05.2017 1) Non-Recurring = 35,00,000 2) Recurring , = 14,00,000 3) Travel = 1,00,000 Total = 50,00,000
7	Other receipts/interest earned, if any, on the DBT grants	Bank Interest = 1,32,418
8	Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7)	: 1) Non-Recurring = 35,00,000 2) Recurring, = 14,00,000 3) Travel = 1,00,000 4)Interest = 1,32,418 Total = 51,32,418
9	Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed)	: 1) Non-Recurring = 4,23,420 2) Recurring, = 12,17,632 3) Travel = 55,462 Total = 16,96,514
10	Unspent balance refunded, if any (Please give details of cheque No. etc.)	: N.A.
11	Balance amount available at the end of the Financial year	: 1) Non-Recurring = 30,76,580 2) Recurring, = 1,82,368 3) Travel = 44,538 4) Interest = 1,32,418 Unspent balance = 34,35,904
12	Amount allowed to be carried forward to the next financial year vide letter No. & date	: 1) Non-Recurring = 30,76,580 2) Recurring, = 1,82,368 3) Travel = 44,538 4) Interest = 1,32,418 Unspent balance = 34,35,904

Certified that the amount of Rs. 16,96,514/- mentioned against Col. 9 has been utilized on the Star College Scheme for the purpose for which it was sanctioned and that the balance of Rs. 34,35,904/- remaining unutilized at the end of the year has been surrendered to Govt. (vide No... N.A. :.....dated.. N.A. :.....) will be adjusted towards the grants-in-aid payable during the next year.

Statement of Expenditure referred to in para 9 of the Utilization Certificate


Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
22nd May 2017 to 31st March 2018

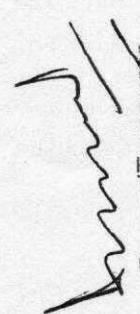
Item (1)	Unspent balance carried forward from previous year (2)	Grants received from DBT during the year (3)	Other receipts/ interest earned if any, on the DBT grants (4)	Total of Col (5=2+3+4)	Expenditure (excluding commitments) incurred during the year (6)	Balance (7=5-6)	Remarks
1. Non-Recurring (Equipment)	-	35,00,000	-	35,00,000	4,23,420	30,76,580	
2. Recurring	-	14,00,000	-	14,00,000	12,17,632	1,82,368	
3. Travel	-	1,00,000	-	1,00,000	55,462	44,538	
4. Interest	-	-	1,32,418	1,32,418	-	1,32,418	
Total	-	50,00,000	1,32,418	51,32,418	16,96,514	34,35,904	


Course Coordinator
(With rubber stamp)



Chandam
CA. CHANDAN BHAT,
M.No. - 517097
Finance/Accounts Officer
(With rubber stamp)


(Head of the Institution)
(With rubber stamp)
Acting Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019


Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019

Code 160 ELITE PROJECT

Statement Of Account From 01/04/2017 To 31/03/2018

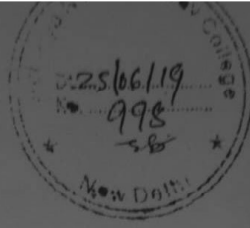
Date	Vr No	Particulars	Dr Amt	Cr Amt	Balance
					.00 Dr.
25/09/2017	73	BP Chq. No. NEFT 89 To amount transfer in favour of M/s Jain Chemico.	3998.00		3998.00 Dr.
27/09/2017	82	BP Chq. No. 106-149 To amount transfer for elite fellowship (2000@ 44Student)	88000.00		91998.00 Dr.
28/09/2017	84	BP Chq. No. 151-152 To amount transfer for ELITE Fellowship @2000 X 2 students	4000.00		95998.00 Dr.
28/09/2017	96	BR Being amt recieved as NEFT-118 Return for Manoj Kumar		2000.00	93998.00 Dr.
28/09/2017	96	BR Being amt recieved as NEFT-127 Return for Ekta Verma		2000.00	91998.00 Dr.
24/10/2017	101	BP Chq. No. NEFT173190 To amount paid to 18 X 2000 as Fellowship (NEFT173-190)	36000.00		127998.00 Dr.
26/10/2017	112	BP Chq. No. NEFT202206 To amount paid as Elite scholarship	5000.00		132998.00 Dr.
02/11/2017	134	BP Chq. No. NEFT226 To amount paid Fellowship to Ashish Maurya	2000.00		134998.00 Dr.
02/11/2017	134	BP Chq. No. NEFT227 To amount paid Fellowship to Adarsh Maurya	2000.00		136998.00 Dr.
02/11/2017	134	BP Chq. No. NEFT228 To amount paid Fellowship to Hritik Kadlan	2000.00		138998.00 Dr.
02/11/2017	134	BP Chq. No. NEFT229 To amount paid Fellowship to Juhi Jaiswal	2000.00		140998.00 Dr.
08/11/2017	137	BP Chq. No. NEFT232 To amount paid to Urmil Bajpai for TEM Facility	2714.00		143712.00 Dr.
08/11/2017	139	BP Chq. No. NEFT234 To amount paid to Harmanpreet Kaur	2000.00		145712.00 Dr.
08/11/2017	139	BP Chq. No. NEFT235 To amount paid to Aniket	2000.00		147712.00 Dr.
08/11/2017	139	BP Chq. No. NEFT236 To amount paid to Antim Rani	2000.00		149712.00 Dr.
09/01/2018	156	BP Chq. No. NEFT256 To amount paid to Raj Kamal, Chem-II Sem. as Fellowship	2000.00		151712.00 Dr.
09/01/2018	156	BP Chq. No. NEFT257 To amount paid to Jatin, Chem-II Sem. as Fellowship	2000.00		153712.00 Dr.
		TOTAL	157712.00	4000.00	153712.00 Dr.

To

The Principal

Acharya Narendra Dev College

Govindpuri, New Delhi-110019



24/06/2019

Subject: Edits to be done in the Utilization certificate (UC) and the Statement of expenditure (SE) for the project titled "Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential". File Number: EMR/2017/004051

Dear Dr. Ravi,

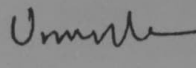
This has reference to the UC and SE submitted for the project titled "Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential" for the period up to 31 March, 2019.

In the Non-recurrent grant (NR), we had shown the committed expenditure for the two equipment for which the order was placed but bill processing wasn't done by 31 March, 2019. The funding agency has asked to re-submit the UC and SE without showing the "committed expenditure". Also, the file number needs to be corrected to EMR/2017/004051 in place of EMR/2017/00405.

You are requested to kindly direct accounts department to prepare the documents as per the suggestions made by the funding agency. The letter received from SERB is attached please.

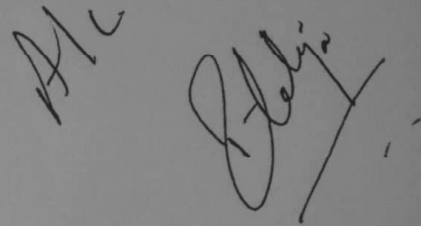
Thanking you.

Sincerely,

 24/06/2019

Urmi Bajpai

Project Investigator



1. SERB Sanction Order No and date : EMR/2017/004051/ DT. 09.10.2018

2. Name of the PI : Dr. Urmi Bajpai

3. Total Project Cost : Rs. 46,70,200/-

4. Revised Project Cost. (if applicable) : Not Applicable

5. Date of Commencement : 09.10.2018

6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
2018-19	3,98,487/-
2019-20	20,03,861/-
2020-21	5,01,358/-

1. Grant received in each year:

a. 1st Year : Rs. 23,50,400/- (2018-19)

b. 2nd Year : Rs. 7,41,000/- (2019-20)

Offg. Principal
Acharya Narendra Dev College

Bursar/Treasurer
Acharya Narendra Dev College

FORM GFR 12 A

GENERAL FINANCIAL RULES 2017
Ministry of Finance
Department of Expenditure



Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **DST Women Scientist Scheme (WOS-B)** (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

PI
(PI)

[Signature]
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Signature]
Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Order No and Date: DST/WOS-8/2017/213-ETD

- 2. Total Project Cost: ₹ 14,70,000/-
- 3. Revised Project Cost (if applicable): N.A
- 4. Date of Commencement: 12.12.2018
- 5. Grant received in each year:
 - a. 1st Year: ₹ 7,35,000/- (2018-19)
 - b. 2nd Year: Nil (2019-20)
 - c. Interest, if any: ₹ 32,187/-
 - d. Total (a+b+c): ₹ 7,67,187/-

KGF
(PI)

Signature
18/12/2020

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Gurgaon, Haryana

Signature

Offg. Principal
Acharya Narendra Dev College
Gurgaon, Haryana

(For the financial year 2018 - 2019)

1	Title of the programme/Scheme	: STAR COLLEGE SCHEME
2	Name of the Organization:	: Acharya Narendra Dev College
3	Course Coordinator	: Dr. Ravi Toteja
4	Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme	: BT/HRD/11/020/2017, 22.05.2017
5	Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given	: 1) Non-Recurring = 30,76,580 2) Recurring, = 1,82,368 3) Travel = 44,538 4) Interest = 1,32,418 Unspent balance = 34,35,904
6	Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid)	: NIL
7	Other receipts/interest earned, if any, on the DBT grants	Bank Interest = 1,08,290
8	Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7)	: 1) Non-Recurring = 30,76,580 2) Recurring, = 1,82,368 3) Travel = 44,538 4) Interest = 2,40,708 Total = 35,44,194
9	Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed)	: 1) Non-Recurring = 19,27,879 2) Recurring, = 3,10,094 3) Travel = 24,595 Total = 22,62,568
10	Unspent balance refunded, if any (Please give details of cheque No. etc.)	: N.A.
11	Balance amount available at the end of the Financial year	: 1) Non-Recurring = 11,48,701 2) Recurring, = (1,27,726) 3) Travel = 19,943 4) Interest = 2,40,708 Total = 12,81,626
12	Amount allowed to be carried forward to the next financial year vide letter No. & date	: 1) Non-Recurring = 11,48,701 2) Recurring, = (1,27,726) 3) Travel = 19,943 4) Interest = 2,40,708 Total = 12,81,626

Certified that the amount of Rs. 22,62,568/- mentioned against Col. 9 has been utilized on the Star College Scheme for the purpose for which it was sanctioned and that the balance of Rs. 12,81,626/- remaining unutilized at the end of the year has been surrendered to Govt. (vide No.....dated.....) will be adjusted towards the grants-in-aid payable during the next year.

Acting Principal

[Signature]

Bureau/Treasurer
Acharya Narendra Dev College

[Signature]

sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1
- 2
- 3
- 4
- 5

Course Coordinator
(With rubber stamp)



Chandan
CA. CHANDAN BHATIA
M.No. - 517097
FRN - 013669N
UDIN - 19517097AAAAARI
6910

Finance/Accounts Officer
(With rubber stamp)

(Head of the Institution)
(With rubber stamp)


Acting Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019


Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019

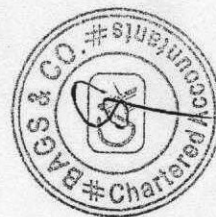
Statement of Expenditure referred to in para 9 of the Utilization Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
01st April 2018 to 31st March 2019


Item (1)	Unspent balance carried forward from previous year (2)	Grants received from DBT during the year (3)	Other receipts/ interest earned if any, on the DBT grants (4)	Total of Col (5=2+3+4)	Expenditure (excluding commitments) incurred during the year (6)	Balance (7=5-6)	Remarks
1. Non-Recurring (Equipment)	3,076,580	-	-	3,076,580	1,927,879	1,148,701	Purchase orders amounting to Rs. 6,97,965/- are committed i.e. order placed before 31st March'19.
2. Recurring	182,368	-	-	182,368	310,094	-127,726	
3. Travel	44,538	-	-	44,538	24,595	19,943	
4. Interest	132,418	-	108,290	240,708	-	240,708	
Total	3,435,904	-	108,290	3,544,194	2,262,568	1,281,626	


Course Coordinator
(With rubber stamp)


(Head of the Institution)
(With rubber stamp)
Acting Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019



Chandam
CA. CHAUDAN BHATIA
M.No. - 517097
FRN - 013669N
UDIN - 19517097AAAAABI6910
Finance/Accounts Officer
(With rubber stamp)


Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,

Code 160 ELITE PROJECT

Statement Of Account From 01/04/2018 To 31/03/2019

Date	Vr No	Particulars	Dr Amt	Cr Amt	Balance
					.00 Dr.
28/05/2018	19	BP Chq. No. NEFT-39 To amount paid to Mr. Vikash, B.Sc.(H) Comp.Sc.	2000.00		2000.00 Dr.
24/08/2018	73	BP Chq. No. NEFT-107 To amount paid to Dr. Ravneet Kaur for Electronic Items	2354.00		4354.00 Dr.
17/10/2018	122	BP Chq. No. 172-238 To amount paid as ELITE Fellowship to 67 students @2000/-	134000.00		138354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-182-Return for Siddharth Das		2000.00	136354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-207-Return for Pooja Verma		2000.00	134354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-206-Return for Aishwarya Patnaik		2000.00	132354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-227-Return for Muskan Jindal		2000.00	130354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-225-Return for Purva		2000.00	128354.00 Dr.
26/10/2018	35	BR By amount received as NEFT-235-Return for Shreya Verma		2000.00	126354.00 Dr.
26/10/2018	80	BR By amount received back as NEFT-184-Not Clear		2000.00	124354.00 Dr.
26/10/2018	385	BP Chq. No. NEFT-000 To amount paid to Manisha as NEFT-184-Not Cleared	2000.00		126354.00 Dr.
29/10/2018	139	BP Chq. No. NEFT-278 To amount paid to KDS Lab (india)	7142.00		133496.00 Dr.
29/10/2018	141	BP Chq. No. NEFT-280 To amount paid to Dr. Sarita Kumar	7858.00		141354.00 Dr.
13/11/2018	154	BP Chq. No. NEFT-301 To amount paid to Aishwarya Patnaik, Botany-3rd year	2000.00		143354.00 Dr.
13/11/2018	154	BP Chq. No. NEFT-300 To amount paid to Pooja Verma, Botany-3rd year	2000.00		145354.00 Dr.
28/11/2018	175	BP Chq. No. NEFT-339 To amount paid to Shipra Yadav	2000.00		147354.00 Dr.
12/12/2018	211	BP Chq. No. NEFT-398 To amount paid to KDS Lab.	1939.00		149293.00 Dr.
24/12/2018	237	BP Chq. No. NEFT-422 To amount paid to Lokender (X0-462) Electronics	2000.00		151293.00 Dr.
09/03/2019	283	BP Chq. No. NEFT-473 To amount paid to Aditya Raj Singh, Y0-407.	2000.00		153293.00 Dr.
09/03/2019	283	BP Chq. No. NEFT-474 To amount paid to Abhishek Bhadana, Y0-404.	2000.00		155293.00 Dr.
09/03/2019	283	BP Chq. No. NEFT-475 To amount paid to Shashank Nagar, Y0-452.	2000.00		157293.00 Dr.
09/03/2019	283	BP Chq. No. NEFT-476 To amount paid Avinash Kumar Lal, Y0-451.	2000.00		159293.00 Dr.
09/03/2019	283	BP Chq. No. NEFT-477 To amount paid Anmol, Y0-513.	2000.00		161293.00 Dr.
		TOTAL	175293.00	14000.00	161293.00 Dr.

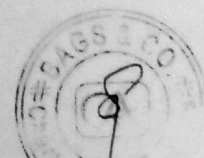
Name of College: Acharya Narendra Dev College
 GC approval Letter No. and Date : F 50-14/2019(IC) & 07/02/2020
 Effective year of Establishment of PARAMARSH 2019
 4. Period of Expenditure : From 07.02.2020 to 30.09.2020.

Details of Expenditure

S.No.	Name of Item	Amount Approved	Grant Released	Expenditure incurred upto Sept 2020	Unspent balance	Remarks
1	Fellowship for Accreditation Ambassador @ Rs.31,000/- p.m.	3,72,000.00	1,86,000.00	Nil	1,86,000.00	
2	Guest Lectures	2,00,000.00	1,00,000.00	Nil	1,00,000.00	
3	Organizing workshop/Trainings	11,50,000.00	5,75,000.00	Nil	5,75,000.00	
4	TA/DA (as per extant rules)	4,00,000.00	2,00,000.00	Nil	2,00,000.00	
5	Honorarium to experts/resource/persons/mentors/participants/institutional representative/cordinators from mentee institutions	3,50,000.00	1,75,000.00	Nil	1,75,000.00	
6	Honorarium to Director of IQAC @ Rs. 8000/-pm.	96,000.00	48,000.00	Nil	48,000.00	
7	Engagement of project staff	20,000.00	10,000.00	Nil	10,000.00	
8	Contingencies	2,00,000.00	1,00,000.00	Nil	1,00,000.00	
9	Any other expenditure	2,00,000.00	1,00,000.00	Nil	1,00,000.00	
	Total	29,88,000.00	1494000.00	0.00	1494000.00	

Gurukul

Raj



FORM GFR 12 A

GENERAL FINANCIAL RULES 2017
Ministry of Finance
Department of Expenditure



Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **DST Women Scientist Scheme (WOS-B)** (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

PI
(PI)

[Signature]
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Signature]
Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

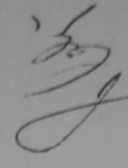
Order No and Date: DST/WOS-8/2017/213-ETD

- 2. Total Project Cost: ₹ 14,70,000/-
- 3. Revised Project Cost (if applicable): N.A
- 4. Date of Commencement: 12.12.2018
- 5. Grant received in each year:
 - a. 1st Year: ₹ 7,35,000/- (2018-19)
 - b. 2nd Year: Nil (2019-20)
 - c. Interest, if any: ₹ 32,187/-
 - d. Total (a+b+c): ₹ 7,67,187/-

KGF
(PI)

18/12/2020

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Gurgaon, Haryana



Offg. Principal
Acharya Narendra Dev College

I
R.D. UPNI

Acharya Narendra Dev College
(University of Delhi)
New Delhi-110019

Receipt and payment statement in R/o Project "An investigational study on Mycobacteriophages and their enzymes as new drugs (IND) for treating tuberculosis" under Dr. Urmi Bajpai, Associate Professor, Department of Biomedical Science, Acharya Narendra Dev College, University of Delhi, Govindpuri, Kalkaji, New Delhi, India


(Period from 25.10.2019 to 31.03.2020)

STATEMENT OF EXPENDITURE

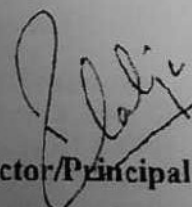
RECEIPTS		PAYMENTS	
Opening balance on Dt. 01.04.2019	Nil	Manpower	Nil
GIA Received vide letter no. 5/8/5/38/2019-ECD-I dt 25/10/2019	11,35,600	Equipment	Nil
		Recurring	Nil
		Travel	Nil
		Overhead Charges	Nil
Total Receipts	11,35,600	Closing balance	11,35,600
		Grand Total	11,35,600

Certified that the grant received was utilized for the purpose for which it was sanctioned. Committed liabilities NIL on account of TA/DA & salary payment not made during the period of statement of account. It is certified that all the accounts of receipts and payment have been checked with vouchers and found to be correct.


(Audited by the statutory auditor of institute)


Project Investigator

Dr. Urmi Bajpai
Principal Investigator
ICMR Project (2019-1181)
Department of Biomedical Science
Acharya Narendra Dev College
Govindpuri, New Delhi-110019


Director/Principal

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019


Accounts Officer

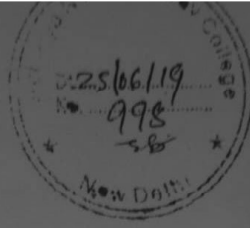
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

To

The Principal

Acharya Narendra Dev College

Govindpuri, New Delhi-110019



24/06/2019

Subject: Edits to be done in the Utilization certificate (UC) and the Statement of expenditure (SE) for the project titled "Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential". File Number: EMR/2017/004051

Dear Dr. Ravi,

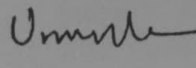
This has reference to the UC and SE submitted for the project titled "Recombinant endolysins from mycobacteriophages: exploring their anti-Mycobacterial potential" for the period up to 31 March, 2019.

In the Non-recurrent grant (NR), we had shown the committed expenditure for the two equipment for which the order was placed but bill processing wasn't done by 31 March, 2019. The funding agency has asked to re-submit the UC and SE without showing the "committed expenditure". Also, the file number needs to be corrected to EMR/2017/004051 in place of EMR/2017/00405.

You are requested to kindly direct accounts department to prepare the documents as per the suggestions made by the funding agency. The letter received from SERB is attached please.

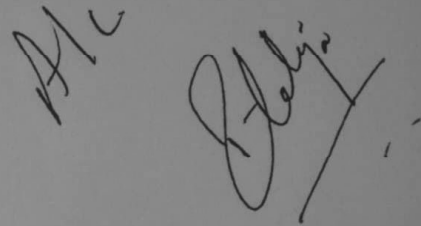
Thanking you.

Sincerely,

 24/06/2019

Urmi Bajpai

Project Investigator



1. SERB Sanction Order No and date : EMR/2017/004051/ DT. 09.10.2018

2. Name of the PI : Dr. Urmi Bajpai

3. Total Project Cost : Rs. 46,70,200/-

4. Revised Project Cost. (if applicable) : Not Applicable

5. Date of Commencement : 09.10.2018

6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
2018-19	3,98,487/-
2019-20	20,03,861/-
2020-21	5,01,358/-

1. Grant received in each year:

a. 1st Year : Rs. 23,50,400/- (2018-19)

b. 2nd Year : Rs. 7,41,000/- (2019-20)

581826

Dr. Urmi Bajpai
Asst. Prof.
Department of Biomedical Science
Acharya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Offg. Principal
Acharya Narendra Dev College

Bursar/Treasurer
Acharya Narendra Dev College



May 27, 2020
Dr. Sarita Kumar
saritakumar@andc.du.ac.in

Re: CC Community Activities Fund

Dear Sarita Kumar,

Summary: Commons Corporation (“CC”) has awarded a Community Activities Fund project grant to Sarita Kumar (the “Grantee”) in the total amount of USD \$845. This letter agreement (the “Agreement”) sets forth the terms and conditions of the grant award.

Payment Terms, Use of Funds: The grant will be paid in a single installment via wire transfer using the bank information provided by Grantee on page 4 of this Agreement. Upon receipt of the countersigned Agreement (including the bank information), CC will disburse the funds within a reasonable period of time, typically about 15 business days. Grant funds shall be used exclusively to support the project as set forth in the Grantee’s approved proposal and budget, attached to this Agreement as Exhibit A.

No Pledge: This Agreement shall not be interpreted to create any pledge or any commitment by CC to make any other or further grants or contributions to Grantee or any other person or entity for this or any other project.

Reporting and Communications: Upon completion of the project, Grantee agrees to deliver to CC a final narrative report, no more than 2 pages, that describes the outcome of the project, the audiences reached and/or people impacted, and any lessons learned. Additionally, Grantee agrees to remain in reasonable contact with CC throughout the project, as well as respond to reasonable requests from CC about the project and its progression.

Code of Conduct: Grantee agrees to abide by the [Creative Commons Global Network Code of Conduct](#) throughout the project.

Unused Funds: Unless otherwise agreed in writing, Grantee agrees to return any unexpended or unaccounted-for funds to Creative Commons.

Records: Original receipts and invoices **must be maintained** by Grantee for six months after completion of the project and shall be made available to Creative Commons upon request.



No Lobbying: Grantee confirms that the grant funds will not be used for the purposes of lobbying, carrying on propaganda, or otherwise attempting to influence legislation, as those purposes are defined by the United States Internal Revenue Code of 1986. If Grantee is in doubt about whether its proposed activities may constitute lobbying, Grantee must consult with Creative Commons prior to undertaking them.

Intellectual Property: Grantee agrees that all original copyrighted material produced pursuant to this grant will be made available under a Creative Commons Attribution 4.0 international license or CC0 public domain dedication. Grantee assumes the burden and expense of clearing all third party rights associated with such material, including with respect to any materials received or maintained in confidence, and/or any third party rights, including but not limited to copyrights, trademarks, and rights of privacy and publicity.

Publicity and Acknowledgement: The Grantee may publicly acknowledge CC as a financial supporter of the project in promotional materials and on its website, if applicable. CC hereby grants permission to Grantee to use the Creative Commons logo in connection with such public acknowledgement.

No Agency: The Grantee is solely responsible for all activities supported by the grant. Nothing in this Agreement creates a partnership, agency, joint venture, employment, or any other type of relationship. The Grantee shall not represent itself as an agent of CC for any purpose, and has no authority to bind CC in any manner whatsoever.

Indemnity: Grantee agrees, to the fullest extent permitted by law, to defend, indemnify, and hold harmless Creative Commons, its officers, directors, affiliates, employees, and agents, from and against any and all claims, liabilities, losses and expenses (including reasonable attorney's fees) directly, indirectly, wholly or partially arising from or in connection with any negligent act or omission of Grantee, its employees or agents, in applying for or accepting the grant, in expending or applying grant funds, or in carrying out the project as set forth in the proposal.

Entire Agreement: Grantee acknowledges and agrees that this Agreement represents the entire agreement between Grantee and Creative Commons with respect to the subject matter addressed herein. The terms of this Agreement may be modified only by a written agreement signed by both parties.

CREATIVE COMMONS CORPORATION

211 Hope Street #1866
Mountain View, CA 94042
<http://creativecommons.org>



Name: Cable Green
Title: Interim CEO
Date: May 27, 2020

Agreed to and accepted on behalf of Grantee:


Name: Sarita Kumar
Date: May 29, 2020



Please provide the following information

Full name of your bank* <i>(do not use acronym)</i> PUNJAB NATIONAL BANK
Your bank's transit or branch code (if applicable)* PUNB0015600
Beneficiary name on the account <i>(do not use acronym)</i> ACHARYA NARENDRA DEV COLLEGE
Your IBAN or account number* 0156000100539822
Address of organization accepting the grant funds <i>(if applicable)</i> GOVINDPURI, KALKAJI, NEW DELHI-19

Please attest to the accuracy of the information above with your signature, or if you are accepting funds on behalf of your organization, the signature of the appropriate corporate officer of your organization:

	Dr Ravi Toteja; May 29, 2020
_____ Signature	_____ Name (printed) & Date
_____ Officiating Principal	_____ principal@andc.du.ac.in
_____ Title	_____ Email Address (required)

If different from above signatory, please provide contact information for questions about Wire Transfer payments:

_____ Wire Transfer Contact Name (printed)	_____ Email Address (required)
---	-----------------------------------



** If you have questions about this information, please contact your bank.*

Exhibit A:

OER Awareness and Adoption in Indian Higher Education: A Short Survey

Project description:

The project aims to conduct an online survey among academicians and learners in India regarding OER awareness, CC licenses and, adoption and utilization of these resources in teaching-learning process.

We aim to target about 200 faculty members and 500 students across UG & PG courses for their knowledge and perception about OER; extent of usage; and constraints faced by them. The survey will be conducted through online questionnaire and one-on-one online interactions.

The project will be conducted with the help of 15 undergraduate students and 05 postgraduate students who will use their network in different Universities across India in order to bring regional and cultural diversity in the data. The collected data will be collated and analyzed using adequate statistical tools.

The survey will be followed by a webinar targeted to make both – academicians / faculty and students, aware about the importance and adoption of CC and OER. The theme of the webinar will be based on the results of the survey, yet prime focus will be on the importance of OER and CC licenses, identification of suitable educational material with adequate license and its adoption in day-to-day teaching-learning process.

Budget:

- Students' incentives for dissemination of information, collection of data, follow-up within their network, collation of result, analysis, report making, organization of webinar, etc: USD 600 [@ USD 30 each]
- Project Coordinator: USD 75
- Honorarium of Resource Person of Webinar: USD 100
- Technical help for webinar: USD 20
- Miscellaneous & Expenses: USD 50

Total estimated budget: USD 845

Timeframe:

Proposed duration of the project: June 2020 – September 2020. The project will be coordinated through New Delhi, India; however, the data will be collected across India.

(For the financial year 2019 - 2020)

1	Title of the programme/Scheme	: STAR COLLEGE SCHEME
2	Name of the Organization:	: Acharya Narendra Dev College
3	Course Coordinator	: Dr. Ravi Toteja
4	Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme	: BT/HRD/11/020/2017, 22.05.2017
5	Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given	: 1) Non-Recurring = 11,48,701 2) Recurring, = 1,12,982 3) Travel = 19,943 4) Interest = Nil Total = 12,81,626
6	Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid)	: 4,89,349
7	Other receipts/interest earned, if any, on the DBT grants	Bank Interest = 52,922
8	Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7)	: 1) Non-Recurring = 11,48,701 2) Recurring, = 5,72,274 3) Travel = 50,000 4) Interest = 52,922 Total = 18,23,897
9	Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed)	: 1) Non-Recurring = 11,48,701* (6,97,965 Spent + 4,50,736*Unspent) 2) Recurring, = 7,49,922 3) Travel = 80,304 Total = 19,78,927
10	Unspent balance refunded, if any (Please give details of cheque No. etc.)	: *Rs. 4,50,736 Unspent Non-Recurring amount, DD No.040655. Rs. 52,922 Interest amount deposited in Bharatkosh portal (Receipt attached)
11	Balance amount available at the end of the Financial year	: 1) Non-Recurring = NIL 2) Recurring, = (1,77,648) 3) Travel = (30,304) 4) Interest = 52,922 Total = (2,07,952)
12	Amount allowed to be carried forward to the next financial year vide letter No. & date	: 1) Non-Recurring = NIL 2) Recurring, = (1,77,648) 3) Travel = (30,304) 4) Interest = 52,922 Total = (2,07,952)



Chandam
CA. CHANDAN BHATIA
M.No. - 517097
FRN - 013669N
UDIN - 20517097AFAAFAFF9088

[Signature]
Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Signature]
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Certified that the amount of Rs. 19,78,927/- mentioned against Col. 9 has been utilized on the Star College Scheme for the purpose for which it was sanctioned and that the balance of Rs. /- remaining unutilized at the end of the year has been surrendered to Govt. (vide No.....dated.....) will be adjusted towards the grants-in-aid

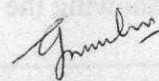
sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1
- 2
- 3
- 4
- 5

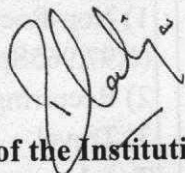


Course Coordinator
(With rubber stamp)



Finance/Accounts Officer
(With rubber stamp)

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



(Head of the Institution)
(With rubber stamp)

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Chandam

CA. CHANDAN BHATIA

M.No. - 517097

FRN - 013669N

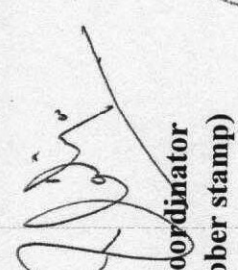
UDIN - 20517097AAAAFF9088




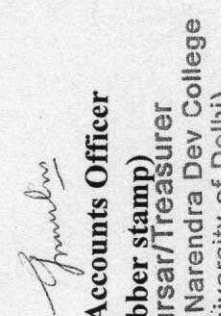
Statement of Expenditure referred to in para 9 of the Utilization Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
01st April 2019 to 31st March 2020

Item (1)	Unspent balance carried forward from previous year (2)	Grants received from DBT during the year (3)	Other receipts/ interest earned if any, on the DBT grants (4)	Total of Col (5=2+3+4)	Expenditure (excluding commitments) incurred during the year (6)	Balance (7=5-6)	Remarks
1. Non-Recurring (Equipment)	11,48,701	-	-	11,48,701	11,48,701	-	Rs. 6,97,965/- Utilised & DD of Rs. 4,50,736/- remitted to DDO, DBT.
2. Recurring	1,12,982	4,59,292	-	5,72,274	7,49,922	-1,77,648	* Rs 2,40,708/- Last last year adjusted towards recurring grant
3. Travel	19,943	30,057	-	50,000	80,304	-30,304	
4. Interest	-		52,922	52,922	-	52922*	* Deposited in the Bharatkosh portal (Receipt Attached)
Total	12,81,626	4,89,349	52,922	18,23,897	19,78,927	-2,07,952	


Course Coordinator
 (With rubber stamp)

Chandan
CA. CHANDAN BHATIA
 M.No - 517097
 FRN - 013669N

 (Head of the Institution)
 (With rubber stamp)
 Offg. Principal
 Acharya Narendra Dev College
 University of Delhi


Finance/Accounts Officer
 (With rubber stamp)
 Bursar/Treasurer
 Acharya Narendra Dev College
 University of Delhi

Code 160 ELITE PROJECT

Statement Of Account From 01/04/2019 To 31/03/2020

Date	Vr No	Particulars	Dr Amt	Cr Amt	Balance
					.00 Dr.
15/04/2019	11	BP Chq. No. NEFT-018 To amount paid to Khushboo Raj, X-1024	2000.00		2000.00 Dr.
15/04/2019	11	BP Chq. No. NEFT-019 To amount paid to Muskan Jindal, Y-236	2000.00		4000.00 Dr.
23/04/2019	13	BP Chq. No. NEFT-020 To amount paid to Sansi Baisla, Y-243	2000.00		6000.00 Dr.
23/04/2019	13	BP Chq. No. NEFT-021 To amount paid to Samridhi Didwania, Y-247	2000.00		8000.00 Dr.
07/09/2019	87	BP Chq. No. 144 Issued in favour of KDS Lab (India)	9563.00		17563.00 Dr.
12/09/2019	92	BP Chq. No. 150 Issued in favour of Dr.Amit Garg	6185.00		23748.00 Dr.
12/09/2019	94	BP Chq. No. 152 Issued in favour of Dr. Sarita Kumar.	4986.00		28734.00 Dr.
15/10/2019	120	BP Chq. No. 194 Issued in favour of KDS Lab.	5055.00		33789.00 Dr.
04/02/2020	210	BP Chq. No. 366 Issued in favour of PNB KalakaJi.	176000.00		209789.00 Dr.
03/03/2020	230	BP Chq. No. 399 Issued in favour of Dipesh Talukdar (Elite)	2000.00		211789.00 Dr.
03/03/2020	232	BP Chq. No. 402 Issued in favour of Muskan Jindal.	2000.00		213789.00 Dr.
		TOTAL	213789.00	.00	213789.00 Dr.



GFR 12 – A

FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2020-2021 in respect
of recurring GRANTS-IN-AID GENERAL

1. Name of the Scheme: DST Women Scientist Scheme (WOS-B), "Developing and documenting innovative Practices for learning and biology Through experimentation for children and young adults."

2. Whether recurring or non-recurring grants: Recurring

3. Grants position at the beginning of the financial year

(i) Cash in Hand/Bank – ₹ 4,89,432/-

(ii) Unadjusted advances - Nil

(iii) Total - ₹ 4,89,432/-

4. Details of grants received, expenditure incurred and closing balances: (Actuals) (1st Apr 2020 to 30th Nov 2020)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year	Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
1	2	3	4	5	6	7
4,89,432	8,148	-	-	4,97,580	4,91,015	6,565

Component wise utilization of grants:

Grant-in-aid General	Grant-in-aid- Salary	Grant-in-aid-creation of capital assets	Total
4,91,015/-	-	-	4,91,015/-

Details of grants position at the end of the year

(i) Cash in Hand/Bank - ₹ 6,565/-

(ii) Unadjusted Advances - Nil

(iii) Total – ₹ 6,565/-

MGP
(PI)

[Signature]
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

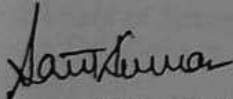
[Signature]
Offg. Prin
Acharya Narendra
(University
Govindpuri
New Delhi

Format for Annual Statement of Accounts

(Period 03-08-2020 to 02-08-2021)

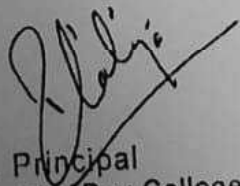
1. Sanction Letter No : MERA/3/2020-ECD-II
2. Total Project Cost : Rs. 35,28,058/-
3. Sanction cost (if applicable) : Rs. 18,82,324/- (1st Year)
4. Date of Commencement of Project : 03-08-2020
5. Proposed Date of Completion : 02-08-2022
6. Statement of Expenditure : From (03-08-2020 to 02-08-2021)

S. No.	Sanctioned / Heads	Funds Allocated	Expenditure Incurred			Remarks (Commitments)	Balance as on (02.08.21)
			I Year	II Year	III Year		
1.	Salaries	12,38,880	7,11,242	-	-		5,27,638
2.	Contingencies						
2.1.	Recurring (Supplies, Materials, Consumables, etc.)	5,30,000	19,667	-	-	99,411 Sec 2(a)	4,10,922
3.	Non-recurring (Equipment)	25,000		-	-	10,030 Sec 3(a)	14,970
4.	Overhead Expenses	88,444	18,740	-	-	25,500	44,204
	Total	18,82,324	7,49,649	-	-	1,34,941	9,97,734
5.	Interest	45,698	-	-	-	-	45,698
	Total	19,28,022	7,49,649	-	-	1,34,941	10,43,432




Signature of Principal Investigator
with date 19/08/2021

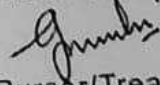
Dr. SARITA KUMAR
Professor, Department of Zoology
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji, New Delhi-110019



Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



Signature of
Accounts Officer With date 19/08/2021



Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

59271

555352

Prof. Seema
Makhija
DST.

GFR 12 - A
[(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2020-
21 in respect of **RECURRING**
as on31st March 2021..... to be submitted to SERB
Is the UC **Audited**..... (Provisional/Audited)
(To be given separately for each financial year ending on 31st March)

- 1 Name of the grant receiving Organization : Acharya Narendra Dev College, Govindpuri, Kalkaji-110019
- 2 Name of Principal Investigator(PI) Prof. Seema Makhija
- 3 SERB Sanction order no. & date CRG/2020/003493/ D.T. 30.12.2020
- 4 Title of the Project... "DNA Barcoding for ciliate species identification of Delhi, India"
- 5 Name of the SERB Scheme : ... CRG (CRG/NPDF/ECR..... etc.)
- 6 Whether recurring or non-recurring grants : **RECURRING**
- 7 Grants position at the beginning of the Financial year
 - (i) Carry forward from previous financial year : Nil
 - (ii) Others, if any : NIL
 - (iii) Total : Nil'

8. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent balance of Grants received previous years [figure as at Sl. No. 7(iii)]	Interest Earned thereon	Interest deposited back to the SERB	Grants received during the year			Total Available funds (1+2+3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
Nil	9,148.82	Nil	CRG/2020/003493	31.12.2020	20,00,000	20,09,148.82	Nil	20,09,148.82

Component wise utilization of grants:

Grants-in-aid- General	Grant-in-aid-creation for capital assets	Total
NIL	NIL	NIL

Details of grants position at the end of the year

- (i) Balance available at end of financial year : Rs. 20,09,148.82/-
- (ii) Unspent balance refunded to SERB (If any) : Not applicable
- (iii) Balance (Carried forward to next financial year) if applicable : Rs. 20,09,148.82/-

Seema Makhija

Prof. SEEMA MAKHIJA
Supervisor **Ciliate Biology** Laboratory
Department of Zoology
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji,
New Delhi-110019

Sumit

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Signature]

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

S. No.	Letter No./Date	Amount (₹)
1	Opening balance on Dt 01.04.2020	11,35,600/-
2	Grant received	Nil/-
3	Interest Earned	17,391/-
	Total	11,52,991/-

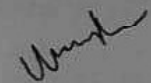
Certified that out of Rs. 0.00/- of grants-in-aid sanctioned during the year 2020-2021 in favour of Principal, Acharya Narendra Dev College, University of Delhi, under this Ministry/ Department Letter No. given in the margin & Rs 11,35,600/- on account of unspent balance of the previous year. A sum of Rs. 17,391/- was earned as interest on the sanctioned amount. A sum of Rs. 3,77,586/- has been utilized for the purpose of Project entitled "An investigational study on Mycobacteriophages and their enzymes as new

drugs (IND) for treating tuberculosis" for which it was sanctioned and that the balance of Rs. 7,75,405/- remaining unutilized at the end of 24.10.2020. Further, a sum of Rs. 2,60,593/- is committed towards payments of research consumables.

2 Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

- 1
- 2
- 3
- 4

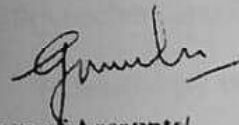


Signature of

Principal Investigator

with seal

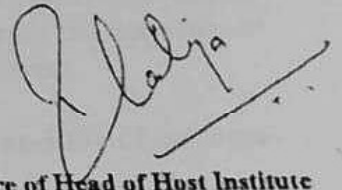
Dr. Umri Bajpai
Principal Investigator
ICMR Project (2019-1181)
Department of Biomedical Science
Acharya Narendra Dev College
Govindpuri, New Delhi-110019



Signature of Accounts/

Finance Officer of Host Institute

With Seal
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



Signature of Head of Host Institute

With Seal
Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

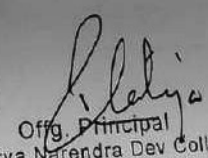
ARREGUE-11

1. SERB Sanction Order No and date : EMR/2017/004051/ DT. 09.10.2018
2. Name of the PI : Dr. Urmi Bajpai
3. Total Project Cost : Rs. 46,70,200/-
4. Revised Project Cost (if applicable) : Not Applicable
5. Date of Commencement : 09.10.2018
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

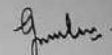
Month & year	Expenditure incurred/ committed
2018-19	3,98,487/-
2019-20	20,03,861/-
2020-21	5,01,358/-
2021-22	10,24,716/-

1. Grant received in each year:

- a. 1st Year : Rs. 23,50,400/- (2018-19)
- b. 2nd Year : Rs. 7,41,000/- (2019-20)
- c. 3rd Year : Nil (2020-21)
- d. 4th Year : Rs. 10,00,000/- (2021-22)
- e. Interest, if any : Rs. 1,27,459/-
- f. Total (a + b + c + d + e) : Rs. 42,18,859/-


 Offg. Principal
 Acharya Narendra Dev College
 (University of Delhi)
 Govindpuri, Kalkaji
 New Delhi-110019

Prof Urmi Bajpai
 Principal Investigator
 DST-SERB PROJECT (EMR/2017/004051)
 Department of Biomedical Science
 Acharya Narendra Dev College
 University of Delhi
 Govindpuri, Kalkaji
 New Delhi-110019


 Bursar/Treasurer
 Acharya Narendra Dev College
 (University of Delhi)
 Govindpuri, Kalkaji
 New Delhi-110019

1	Title of the programme/Scheme	: STAR COLLEGE SCHEME
2	Name of the Organization:	: Acharya Narendra Dev College
3	Course Coordinator	: Dr. Ravi Toteja
4	Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme	: BT/HRD/11/020/2017, 22.05.2017
5	Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given	: 1) Non-Recurring = NIL 2) Recurring, = (1,77,648) 3) Travel = (30,304) 4) Interest = 52,922 Total = (1,55,030)
6	Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid)	: NIL
7	Other receipts/interest earned, if any, on the DBT grants	Bank Interest = 24,700
8	Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7)	: 1) Non-Recurring = NIL 2) Recurring, = (1,77,648) 3) Travel = (30,304) 4) Interest = 77,622 Total = (1,30,330)
9	Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed)	: 1) Non-Recurring = NIL 2) Recurring, = 2000 3) Travel = NIL 4) Interest = 52,922* (Deposited in Bharatkosh portal) Total = 54,922
10	Unspent balance refunded, if any (Please give details of cheque No. etc.)	:
11	Balance amount available at the end of the Financial year	: 1) Non-Recurring = NIL 2) Recurring, = (1,79,648) 3) Travel = (30,304) 4) Interest = 24,700 Total = (1,85,252)
12	Amount allowed to be carried forward to the next financial year vide letter No. & date	: 1) Non-Recurring = NIL 2) Recurring, = (1,79,648) 3) Travel = (30,304) 4) Interest = 24,700 Total = (1,85,252)



Chandam

CA. CHANDAN BHATI
M.No. - 517097
FRN - 013669N
UDIN - 21517097AAAAA

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Certified that the amount of Rs. 54,922/- mentioned against Col. 9 has been utilized on the Star College Scheme for the purpose for which it was sanctioned and that the balance of Rs. /- remaining unutilized at the end of the year has been surrendered to Govt. (vide No.....dated.....) will be adjusted towards the grants-in-aid payable during the next year.

following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1
- 2
- 3
- 4
- 5

[Handwritten Signature]

Course Coordinator
(With rubber stamp)

[Handwritten Signature]

Finance/Accounts Officer
Bursar/Treasurer
(With rubber stamp)
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Handwritten Signature]

(Head of the Institution)
(With rubber stamp)
Org. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



Chandan
CA. CHANDAN BHATIA
M.No. - 517097
FRN - 013669N
UDIN - 21517097AAAAFF8172

Statement of Expenditure referred to in para 9 of the Utilization Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
01st April 2020 to 31st March 2021

Item (1)	Unspent balance carried forward from previous year (2)	Grants received from DBT during the year (3)	Other receipts/ interest earned if any, on the DBT grants (4)	Total of Col (5=2+3+4)	Expenditure (excluding commitments) incurred during the year (6)	Balance (7=5-6)	Remarks
1. Non-Recurring (Equipment)	-	-	-	-	-	-	
2. Recurring	-1,77,648	-	-	-1,77,648	2,000	-1,79,648	
3. Travel	-30,304	-	-	-30,304	-	-30,304	
4. Interest	52,922	-	24,700	77,622	52,922	24,700	* Last year Interest amount deposited in the Bharatkosh portal (Receipt Attached)
Total	-1,55,030	-	24,700	-1,30,330	54,922	-1,85,252	



Chandam

F. CHANDAN BHATIA

No. - 517097
FRN - 013669N

UDIN -

(Head of the Institution)

(With rubber stamp)

21517097AARAFF-972
Acharya Narendra Dev College
(University of Delhi)

[Signature]

Course Coordinator

(With rubber stamp)

[Signature]

Finance/Accounts Officer

(With rubber stamp)

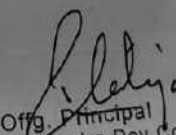
Acharya Narendra Dev College
(University of Delhi)

REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

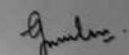
1. SERB Sanction Order No and date : EMR/2017/004051/ DT. 09.10.2018
2. Name of the PI : Dr. Urmil Bajpai
3. Total Project Cost : Rs. 46,70,200/-
4. Revised Project Cost (if applicable) : Not Applicable
5. Date of Commencement : 09.10.2018
6. Statement of Expenditure :
(Month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed
2018-19	3,98,487/-
2019-20	20,03,861/-
2020-21	5,01,358/-
2021-22	10,24,716/-

1. Grant received in each year:
 - a. 1st Year : Rs. 23,50,400/- (2018-19)
 - b. 2nd Year : Rs. 7,41,000/- (2019-20)
 - c. 3rd Year : Nil (2020-21)
 - d. 4th Year : Rs. 10,00,000/- (2021-22)
 - e. Interest, if any : Rs. 1,27,459/-
 - f. Total (a + b + c + d + e) : Rs. 42,18,859/-


 Offg. Principal
 Acharya Narendra Dev College
 (University of Delhi)
 Govindpuri, Kalkaji
 New Delhi-110019

Prof Urmil Bajpai
 Principal Investigator
 DST-SERB PROJECT (EMR/2017/004051)
 Department of Biomedical Science
 Acharya Narendra Dev College
 University of Delhi
 Govindpuri, Kalkaji
 New Delhi-110019


 Bursar/Treasurer
 Acharya Narendra Dev College
 (University of Delhi)
 Govindpuri, Kalkaji
 New Delhi-110019

Form of UTILIZATION CERTIFICATE
(Period: 25.10.2020 TO 31.03.2021)

S. No.	Letter No./Date	Amount (₹)
1.	Opening balance on Dt. 25.10.2020	7,75,405/-
2.	Grant received	Nil/-
3.	Interest Earned	13,408/-
	Total	7,88,813/-

Certified that out of Rs. 0.00/- of grants-in-aid sanctioned during the year 2020-2021 in favour of Principal, Acharya Narendra Dev College, University of Delhi, under this Ministry/ Department Letter No. given in the margin & Rs. 7,75,405/- on account of unspent balance of the previous year. A sum of Rs. 13,408/- was earned as interest on the sanctioned amount. A sum of Rs. 2,80,554/- has been utilized for the purpose of Project entitled: "An investigational study on Mycobacteriophages and their enzymes as new

drugs (IND) for treating tuberculosis" for which it was sanctioned and that the balance of Rs. 5,08,259/- remaining unutilized at the end of 31.03.2021.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

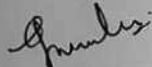
1.
2.
3.
4.



Signature of
Principal Investigator

with seal

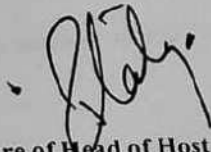
Dr. Urmi Bajpai
Principal Investigator
ICMR Project (2019-1181)
Department of Biomedical Science
Acharya Narendra Dev College
Govindpuri, New Delhi-110019



Signature of Accounts/
Finance Officer of Host Institute

With seal

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



Signature of Head of Host Institute

With Seal
Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Format for Annual Statement of Accounts
(Period 03-08-2021 to 02-08-2022)

- 1. Sanction Letter No. : MERA/3/2020-ECD-II
- 2. Total Project Cost : Rs 35,28,058/-
- 3. Sanction Cost (if applicable) : Rs. 16,26,167/- (2nd Year)
- 4. Amount Received : Rs. 14,66,167/-
- 5. Date of Commencement of Project : 03-08-2020
- 6. Proposed Date of Completion : 02-08-2022
- 7. Statement of Expenditure : From (03-08-2021 to 02-08-2022)

S. No.	Sanctioned/ Heads	Funds Allocated	Expenditure Incurred			Balance on (02-08-2022)
			I Year	II Year	III Year	
1	Salaries	12,84,240	-	12,84,240/-	-	00
2	Contingencies					
2.1	Recurring (Supplies, Materials, Consumables, etc)	50,000/-	-	62,004/-	-	(-)12004/-
2.2	Review meeting, Honorarium and support staff	50,000	-	50,000	-	00
2.3	Publication Charges	00	-	1,50,000/- (Committed)	-	(-) 1,50,000/-
2.4	Miscellaneous	30,000/-	-	30,000/-	-	00
3	Non-recurring (Equipment)	15,000/-	-	14,998/-	-	2/-
4	Overhead Expenses	36,927/-	-	46,927/-	-	(-)10,000
5	Amount received	14,66,167	-	16,38,169/-	-	(-) 1,72,002/-
6	Total Budget for current year	14,66,167	-	-	-	-
5	Interest	26,629/-	-	-	-	26,629/-
	Total	1,492,796/-	-	16,38,169/-	-	(-) 1,45,373/-

Sarita Kumar
Signature of Principal Investigator

Dr. SARITA KUMAR
Professor, Department of Zoology
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji, New Delhi-110019

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

[Signature]

[Signature]

Signature of Accounts officer
Bursar/Finance
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



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ORDER

Subject: Research project entitled "**DNA Barcoding for ciliate species identification of Delhi, India**" under the gu
narendra Dev College , No.3, govind puri, kalkaji, new delhi, New delhi, Delhi-110019 and by Dr. Ravi Toteja, Associ
College.

1. This is in continuation of SERB's sanction order No. "CRG/2020/003493" dated "30 December, 2020 " of **Science**
2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 500000/-** (Rupees Five L
Principal, Acharya Narendra Dev College, No.3, Govind Puri, Kalkaji, New Delhi being the 3rd grant for the final
above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 518835/-** (R
Hundred and Thirty Five only) (Recurring Rs. 518835 and Non-Recurring Rs. 0) to Acharya narendra Dev College,
2021-2022 to FY 2022-2023 for the same purpose for which it was sanctioned.
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website ([www](#).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the gra



Contract for Acquisition of Research Services (CARS)

By Signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1.	Short title of Research Service to be provided: Development of Process and Evaluation of Electron Suppression Coating on the Grids used in TWTs			Contract No. MTRDC/MMG/20206/CARS/LPO/ /2021-22/BUP Date: ___ Dec. 2021 Period of the Contract: 12 Months from the date of signing
2.	RSQR Document Ref. No.: -----	Date of Issue YY MM DD 2021 12	Issuing DRDO Lab/ Estt/ Project: MTRDC, DRDO, Bangalore	Dates of CARS Amendments:
3.	Name and address of Research Service Provider (RSP): Department of Physics, Miranda House, University of Delhi DELHI – 110 007			4. RSP's Offer Ref.
5.	(a) This Contract will require a formal amendment if the following key professional are not available to RSP: Prof. Monika Tomar , Department of Physics, Miranda House, University of Delhi – DELHI – 110 007.			
	(b) RSP is authorized to engage these professionals as research consultants (names, institutes/ companies):			
6.	Principal technical features of Offer as related to RSQR (Detailed in Annexure-I)			
7.	DRDO will make available the following DRDO-owned equipment to RSP (Detailed in Annexure-II): NIL			
8.	The technical performance of this contract shall be complete when RSP submits the Final Report before (date): 12 Months			
9.1	Expenditure on items below shall not exceed sums shown against each sums shown against each			Rs. (in lakhs)
	a)	Personnel		0.00
	b)	Equipment (shall be reallocated as per actual expenditure)		15.00
	c)	Others (miscellaneous, contingency and spares) (shall be reallocated as per actual expenditure)		5.00
		Total Rs.		20.00
		GST @ 18%		3.60
		Grand Total		23.60
9.2	Schedule of payments (Rs. In Lakhs)		Date (T ₀ – Date of Contract)	Payment (Rs. in lakhs)
	a)	Initial Advance	T ₀ + Months	18.0
	b)	at Performance Milestone I of RSQR	T ₀ + 6 months	4.5
	c)	at performance Milestone II of RSQR + Submission of Final Report	T ₀ + 12 months	1.1
	@Payments will be made within 45 days of receipt by L/E/P of Contingent Bill			Total: 23.60
10.	General conditions of CARS remain unchanged. Other specific conditions in CARS are amended to read: -			
11.	DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: [Sign over seal] Name: Designation: Date:			12. Signature of L/E/P contract administrator: Name: Designation: Date:

(For the financial year 2021 - 2022)

1	Title of the programme/Scheme	: STAR COLLEGE SCHEME
2	Name of the Organization:	: Acharya Narendra Dev College
3	Course Coordinator	: Prof. Ravi Toteja
4	Dept. of Biotechnology sanction order No. & Date of sanctioning the project/programme	: BT/HRD/11/020/2017 (Phase-II), 27.08.2021
5	Amount brought forward from the previous Financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given	: 1) Non-Recurring = NIL 2) Recurring, = NIL 3) Travel = NIL 4) Interest = NIL Total = NIL
6	Amount received from DBT during the financial Year (Please give No. & dates of sanction orders showing the amounts paid)	: BT/HRD/11/020/2017 (Phase-II), 27.08.2021, Non-Recurring Rs. 1,05,00,000/- and Recurring Rs. 38,00,000/-.
7	Other receipts/interest earned, if any, on the DBT grants	Bank Interest = 1,89,853
8	Total amount that was available for expenditure during the financial year (Sl.nos. 5,6 and 7)	: 1) Non-Recurring = 1,05,00,00 2) Recurring, = 35,00,000 3) Travel = 2,00,000 4) Contingency = 1,00,000 5) Interest = 1,89,853 Total = 1,44,89,853
9	Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed)	: 1) Non-Recurring = 44,62,322 2) Recurring, = 35,24,616 3) Travel = NIL 4) Contingency = 1,00,000 Total = 80,86,938
10	Unspent balance refunded, if any (Please give details of cheque No. etc.)	:
11	Balance amount available at the end of the Financial year	: 1) Non-Recurring = 60,37,678 2) Recurring, = (24,616) 3) Travel = 2,00,000 4) Contingency = NIL 5) Interest = 1,89,853 Total = 64,02,915
12	Amount allowed to be carried forward to the next financial year vide letter No. & date	: 1) Non-Recurring = 60,37,678 2) Recurring, = (24,616) 3) Travel = 2,00,000 4) Contingency = NIL 5) Interest = 1,89,853 Total = 64,02,915

Chandani
CA. CHANDANI B
M.No.- 517097
F.R.N.- 013669N
UDIN-22517097AIZPI



Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

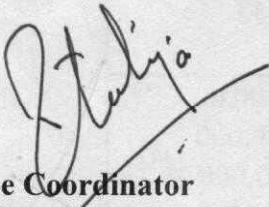
Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019

Certified that the amount of Rs. 80,86,938/- mentioned against Col. 9 has been utilized on the Star College Scheme for the purpose for which it was sanctioned and that the balance of Rs. 64,02,915/- remaining unutilized at the end of the year has been surrendered to Govt. (vide No.....dated.....) or will be adjusted towards the grants-in-aid payable during the next year.


Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1
- 2
- 3
- 4
- 5

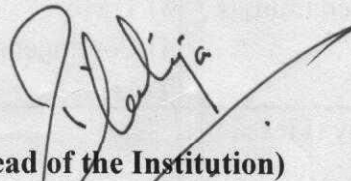


Course Coordinator
(With rubber stamp)



Finance/Accounts Officer
(With rubber stamp)

Bursar/Treasurer
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



(Head of the Institution)
(With rubber stamp)

Offg. Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019




Chandam
CA. CHANDAN BHATIA
M.NO. - 517097
FRN - 013669N
UDIN - 22517097 AIZPK H3007


Statement of Expenditure referred to in para 9 of the Utilization Certificate


Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from
01st April 2021 to 31st March 2022

Item (1)	Unspent balance carried forward from previous year (2)	Grants received from DBT during the year (3)	Other receipts/ interest earned if any, on the DBT grants (4)	Total of Col (5=2+3+4)	Expenditure (excluding commitments) incurred during the year (6)	Balance (7=5-6)	Remarks
1. Non-Recurring (Equipment)	-	1,05,00,000	-	1,05,00,000	44,62,322	60,37,678	
2. Recurring	-	35,00,000	-	35,00,000	35,24,616	-24,616	
3. Travel	-	2,00,000	-	2,00,000		2,00,000	
4. Contingency	-	1,00,000	-	1,00,000	1,00,000	-	
5. Interest	-	-	1,89,853	1,89,853	-	1,89,853	
Total	-	1,43,00,000	1,89,853	1,44,89,853	80,86,938	64,02,915	


Course Coordinator
 (With rubber stamp)




(Head of the Institution)
 (With rubber stamp)
 Offg. Principal
 Acharya Narendra Dev College
 (University of Delhi)


Finance/Accounts Officer
 (With rubber stamp)
 Bursar/Treasurer
 Acharya Narendra Dev College
 (University of Delhi)

Code 160 ELITE PROJECT
 Statement Of Account From 01/04/2022 To 31/03/2023

Date	Vr No	Particulars	Dr Amt	Cr Amt	Balance
					.00 Dr.
06/06/2022	73	BP Chq. No. SOC-93 Issued in favour of Dr. Monica Misra	8635.00		8635.00 Dr.
29/07/2022	125	BP Chq. No. SOC-158 Issued in favour of Dr. Geetu Gambhir.	3490.00		12125.00 Dr.
24/08/2022	145	BP Chq. No. SOC-185 Issued in favour of Prof. Arijit Chowdhuri.	9972.00		22097.00 Dr.
14/09/2022	172	BP Chq. No. SOC-215 Issued in favour of 45 College Students.	90000.00		112097.00 Dr.
14/09/2022	172	BP Chq. No. SOC-216 Issued in favour of 06 College Students.	12000.00		124097.00 Dr.
14/09/2022	172	BP Chq. No. SOC-217 Issued in favour of 44 College Students.	88000.00		212097.00 Dr.
20/09/2022	176	BP Chq. No. SOC-218 Issued in favour of 04 College Students.	8000.00		220097.00 Dr.
23/09/2022	80	BR Being NEFT NO-217 dated issued 14/09/2022 in favour of Mohd.Tabish has been cancelled.	2000.00	2000.00	220097.00 Dr.
23/09/2022	179	BP Chq. No. SOC-226 Issued in favour of Revival Enterprises.	4499.00		224596.00 Dr.
23/09/2022	180	BP Chq. No. SOC-227 Issued in favour of KDS LAB (INDIA)	5045.00		229641.00 Dr.
23/09/2022	181	BP Chq. No. SOC-228 Issued in favour of Mohd. Tabish	2000.00		231641.00 Dr.
14/10/2022	201	BP Chq. No. SOC-255 Issued in favour of Megha Karki.	2000.00		233641.00 Dr.
14/10/2022	201	BP Chq. No. SOC-255 Issued in favour of Shruti Jain.	2000.00		235641.00 Dr.
14/10/2022	201	BP Chq. No. SOC-255 Issued in favour of Deepanshu.	2000.00		237641.00 Dr.
22/12/2022	267	BP Chq. No. SOC-337 Issued in favour of Om Aluminium.	15198.00		252839.00 Dr.
		TOTAL	254839.00	2000.00	252839.00 Dr.