

Innovation Projects sanctioned by DU in 2015-16

S.No.	Title of the project	Faculty	Mentors	Amount sanctioned Rs.(Lakhs)
1	Dr Charu K Gupta and Dr Sarita Kumar	Development of low-cost, robust, portable water purifier prototype with physical, chemical and biological filtration for field water disinfection and potable water generation in natural calamity afflicted zones with harsh conditions	Professor Rupam Kapoor, Department of Botany, University of Delhi	6.0
2	Dr Monish Khanna, Mr Ravinder K Sagar and Dr Sunita Hooda	Biodegradation of wastes by microbial extracellular enzymes	Professor R. C. Kuhad, Vice Chancellor, Central University of Haryana	6.5
3	Dr Ravi Toteja and Dr Seema Makhija	Ciliate diversity as cellular tool to assess soil quality(DU-303)	Professor D. K. Singh, Department of Zoology, University of Delhi	6.5
4	Dr Arijit Chowdhuri, Dr Chaman Singh and Dr Sadanand Prasad	Development of portable electronic nose with autonomous & stand-alone operation for quantified Ambient Air Pollution (AAP) measurement wireless data transfer protocol on android enabled mobile phones	Mr. Amit Jha, Programme Manager Deutsche Gesellschaft fur Internationale (GIZ) GmbH	6.0
5	Dr Pankaj Khanna, Dr Neeti Misra and Dr Vibha Gaur	Designing a virtual chemistry lab for undergraduate students	Professor Pankaj Tyagi, Cluster Innovation Centre, University of Delhi	6.0
6	Dr Gagan Dhawan, Dr Seema Gupta and Dr Pooja Bhagat	The design, synthesis and biological evaluation of oxindole based isoxazolines towards the analog synthesis of marine natural product Flustraminol-B	Dr. Kallolmay Biswas, Senior Scientist, Jubilant ChemSys Ltd., Noida	4.5
7	Dr Sunita Narang, Dr Shalu Mahajan and Dr Surinder Kaur	Digital India: Challenges and opportunities	Professor Monica Singhania, Faculty of Management Studies, University of Delhi	3.5
8	Dr Geetika Kalra, Dr Saumya Saxena and Dr Manisha Jain	Analysis of the efficacy of plant sources recommended as brain tonics	Professor S.C. Bhatla, Department of Botany, University of Delhi	4.0

9	Dr Mamta Bhatia, Dr Subhash Kumar and Ms. Sunita Jetly	Leveraging big data for astronomy and health care	Professor R. K. Agarwal, Jawaharlal Nehru University	5.0
10	Dr. Roopesh Tehri and Dr. Harita Ahuja	Development of an all-in-one module for real time agricultural data acquisition and processing	Mr. Sunil Piplani, Consultant Excel Technologies	5.0
11	Development of a multi-sensor gesture controlled wheelchair system for persons with disability	Dr. Amit Garg, Mr. Vishal Dhingra and Dr. Abhishek Kumar Mehta	Dr. Anita Talwar, Managing Director, Gentech	5.0



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - **Innovation Projects 2015-16**

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 301

Project Title: Development of low-cost, robust, portable water purifier prototype with physical, chemical and biological filtration for field water disinfection and potable water generation in natural calamity afflicted zones with harsh conditions

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 3,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 600,000/-

Rs 6.0 lakhs (Rupees six lakhs only)

Amount to be released in first phase by Finance Branch- Rs 450,000/

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 301

Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Charu Kholsa Gupta, Dr. Sarita Kumar

College: Acharya Narendra Dev College

Grant sanctioned		Rs. 6,00,000/- (Six Lakh Only)	
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	3,25,000/-	3,24,243/- ✓
2	Travel	55,000/-	51,554/- ✓
3	Stipend	1,20,000/-	1,15,000/- ✓
4	Honorarium	25,000/-	25,000/- ✓
5	Stationery	20,000/-	20,041/- ✓
6.	Contingency	55,000/-	53,008/- ✓
Total amount utilized Rs			5,88,846/-
Amount Remaining Rs.			11,154/-

Certified that out of Rs. 6,00,000/- sanctioned under the Innovation Projects scheme 2015-16. Rs. 5,88,846/- has been utilized has been the period of the project. The remaining amount Rs. 11,154/- will be returned back to the University along with audited utilization certificate

Dr. Charu Kholsa Gupta
Associate Professor
Department of Botany

Sarita Kumar
Dr. Sarita Kumar
Associate Professor
Department of Zoology

Charu Kholsa Gupta
Signature of Principal
Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kirti
Delhi-110026

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Financial Audit Clearance
and Stamp of Chartered Accountant
CA. CHAUDAN BHATIA
M.No. - 517097
DATE - 04.11.16



Received
[Signature]



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 302

Project Title: Biodegradation of wastes by microbial extracellular enzymes

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 3,75,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 6,50,000/-

Rs 6.5 lakhs (Rupees six lakhs fifty thousand only)

Amount to be released in first phase by Finance Branch- Rs 5,00,000/

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

M. Lal

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 302

Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Momisha Khanna, Dr. Sumita Hooda, Dr. Sumita Hooda, Dr. Ravinder Kumar ~~Suprit~~

College: Acharya Narendra Dev College

Grant sanctioned S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment Consumables	3,75,000/-	3,74,754/-
2	Travel	55,000/-	36,520/-
3	Stipend	1,20,000/-	1,20,000/-
4	Honorarium	25,000/-	25,000/-
5	Stationery	20,000/-	19,999/-
6	Contingency	55,000/-	60,476/-
Total amount utilized Rs.			6,36,749/-
Amount Remaining			13,251/-
Rs.			

Certified that out of Rs. 6,50,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 6,36,749/- has been utilized has been the period of the project. The remaining amount Rs. 13,251/- will be returned back to the University along with audited utilization certificate

Momisha Khanna
 Dr. Momisha Khanna
 Associate Professor
 Department of Zoology

Sumita Hooda
 Dr. Sumita Hooda
 Associate Professor
 Department of Chemistry

Ravinder Kumar
 Dr. Ravinder Kumar Sagar
 Assistant Professor
 Department of Zoology

Sumita Hooda
 Sumita Hooda
 Signature of Principal

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



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 Chandan
 Financial Audit Certificate
 and Stamp of Chartered Accountant

NAME - CA. CHANDAN BHATIA
 M. NO. - 517097

DATE - 04.11.16

Ravinder Kumar



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - **Innovation Projects 2015-16**

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: **ANDC 303**

Project Title: **Ciliate Diversity as Cellular Tool to Assess Soil Quality**

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 3,75,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 6,50,000/-
Rs 6.5 lakhs (Rupees six lakhs fifty thousand only)		
Amount to be released in first phase by Finance Branch- Rs 5,00,000/-		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

Prof. Malashri Lal

**Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 303**

Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Kavi Torija, Dr. Seema Makhija, Dr. Geetu Ganhbir

College: Acharya Narendra Dev College

Grant sanctioned	Rs. 6,50,000/- (Six Lakh fifty thousand Only)			
S.No.	Budget head	Amount sanctioned	Amount utilized	
1	Equipment Consumables	3,75,000	3,67,427	3,67,427 (22,000 Rs)
2	Travel	55,000	13,580	13,580 (5,700)
3	Stipend	1,20,000	1,20,000	1,20,000
4	Honorarium	25,000	25,000	25,000
5	Stationery	20,000	10,705	10,705 + 10688 = 21393
6	Contingency	55,000	58,512	58,512 (04,11,16)
Total amount utilized Rs			5,95,224/-	
Amount Remaining			54,776/-	

Certified that out of Rs. 6,50,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 5,95,224/- has been utilized has been the period of the project. The remaining amount Rs. 54,776/- will be returned back to the University along with audited utilization certificate

[Signature]
Dr. Kavi Torija
Associate Professor
Department of Zoology

[Signature]
Dr. Seema Makhija
Associate Professor
Department of Zoology

[Signature]
Dr. Geetu Ganhbir
Assistant Professor
Department of Chemistry

[Signature]
Signature of Principal
Principal
Acharya Narendra Dev College
(University of Delhi)
Gowindpuri, Karkaji
New Delhi-110019



Financial Audit Clearance
and Stamp of Chartered Accountant

NAMS - CA. CHANDAN BHATIA

M.No. - 517097

DATE - 04.11.16

Received
Dr. P. neta 11/11/16



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpur, Kalkaji
New Delhi-110019

Subject: - **Innovation Projects 2015-16**

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 304

Project Title: Development of portable Electronic Nose prototype with autonomous & stand-alone operation for quantified Ambient Air Pollution (AAP) measurement using wireless data transfer protocol on Android® enabled mobile phones

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 3,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000X10X12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 600,000/-
Rs 6 lakhs (Rupees six lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 450,000/-		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to -innovationprojects1516@gmail.com:

With best wishes,
Yours sincerely,


Prof. Malashri Lal


Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 304


Financial Grant under Innovation Project scheme


Principal Investigators: Dr. Arjit Chowdhuri, Dr. Chaman Singh, Dr. Sadanand Prasad
College: Acharya Narendra Dev College


Grant sanctioned	Rs. 6,00,000/- (Six Lakh Only)		
Grant Released	Rs. 5,10,000/- (Five Lakh Ten Thousand only)		
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	3,25,000/-	3,21,870/-
2	Travel	55,000/-	2,000/-
3	Stipend	1,20,000/-	1,20,000/-
4	Honorarium	25,000/-	25,000/-
5	Stationery	20,000/-	19,997/-
6.	Contingency	55,000/-	20,889/-
Total amount utilized Rs			5,09,756/-
Amount Remaining Rs			244/-

Certified that out of Rs. 5,10,000/- sanctioned under the Innovation Projects scheme 2015-16 Rs. 5,09,756/- has been utilized has been the period of the project. The remaining amount Rs. 244/- will be returned back to the University along with audited utilization certificate


Dr. Arjit Chowdhuri
Assistant Professor
Department of Physics


Dr. Chaman Singh
Assistant Professor
Department of Mathematics


Dr. Sadanand Prasad
Assistant Professor
Department of Mathematics


Signature of Principal

Acharya Narendra Dev College
University of Delhi




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Financial Audit Clearance
and Stamp of Chartered Accountant

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M.NO. - 517097
DATE - 04.11.16



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - **Innovation Projects 2015-16**

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 305

Project Title: Designing a virtual chemistry lab for undergraduate students

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 3,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 600,000/-
Rs 6 lakhs (Rupees six lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 450,000/		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.
Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

Malashri Lal

Prof. Malashri Lal

Utilization Certificate

Innovation Project 2015-16
Project Code ANDC - 305

Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Pankaj Khanna, Dr. Neeti Misra, Dr. Vibha Gaur

College: Acharya Narendra Dev College

Grant sanctioned	Rs. 6,00,000/- (Six Lakh Only)		
Grant Released S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	3,25,000/-	2,96,124/- ✓
2	Travel	55,000/-	17,050/- ✓
3	Stipend	1,20,000/-	1,12,000/- ✓
4	Honorarium	25,000/-	25,000/- ✓
5	Stationery	20,000/-	10,645/- ✓
6	Contingency	55,000/-	27,822/- ✓
Total amount utilized Rs			4,88,641/-
Amount Remaining Rs.			21,359/-

Certified that out of Rs. 5,10,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 4,88,641/- has been utilized during the period of the project. The remaining amount Rs. 21,359/- will be returned back to the University along with audited utilization certificate.

Pankaj Khanna
Dr. Pankaj Khanna
Assistant Professor
Department of Chemistry

Neeti Misra
Dr. Neeti Misra
Associate Professor
Department of Chemistry

Vibha Gaur
Dr. Vibha Gaur
Associate Professor
Department of Comp. Sci.

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



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Financial Audit Clearance
and Stamp of Chartered Accountant
NAME - CHANDAN BHATIA
M.NO. - 517097
DATE - 04.11.16



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 306

Project Title: Design, Synthesis and Biological evaluation of oxindole based isoxazolines towards the analog synthesis of marine natural product Flustraminol-B

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 1,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 80,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 450,000/-

Amount to be released in first phase by Finance Branch- Rs 3,00,000/-

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to - innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

Prof. Malashri Lal

Utilization Certificate

**Innovation Project 2015-16
Project Code ANDC - 306**

Financial Grant under Innovation Project scheme

Principal Investigators: **Dr. Gagan Dhawan, Dr. Seema Gupta, Dr. Pooja Bhagat**

College: **Acharya Narendra Dev College**

Grant sanctioned **Rs. 4,50,000/- (Four lakh fifty thousand Only)**

S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	1,25,000/-	1,36,257 - /-
2	Travel	80,000/-	5,400 - /-
3	Stipend	1,20,000/-	1,08,000 - /-
4	Honorarium	25,000/-	25,000 - /-
5	Stationery	20,000/-	18,750 - /-
6.	Contingency	55,000/-	36,259 - /-
Total amount utilized Rs			3,29,666/-
Amount Remaining			1,20,334/-

Certified that out of **Rs. 4,50,000/-** sanctioned under the Innovation Projects scheme 2015-16, **Rs. 3,29,666/-** has been utilized during the period of the project. The remaining amount **Rs. 1,20,334/-** will be returned back to the University along with audited utilization certificate.

Dr. Gagan Dhawan
Assistant Professor
Department of BMS

Dr. Seema Gupta
Associate Professor
Department of Chemistry

Dr. Pooja Bhagat
Associate Professor
Department of Chemistry

(Signature)
S. Satinderpal Singh
Principal
Acharya Narendra Dev College
(University of Delhi)
Govindpuri, Kalkaji
New Delhi-110019



Financial Audit Clearance
and Stamp of Chartered Accountant

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M.No. - 517057
DATE - 04.11.16



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 307

Project Title: Digital India: Challenges and Opportunities

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 100,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 30,000/-
	Total	Rs 350,000/-

Rs 3.5 lakhs (Rupees three lakhs fifty thousand only)
Amount to be released in first phase by Finance Branch- Rs 2,50,000/-

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,
Yours sincerely,

M.L.Lal

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2016-17
Project Code ANDC - 307

Financial Grant under Innovation Project Scheme

Principal In-charge: Dr. Sunita Narang, Dr. Suminder Kaur, Dr. Shashi Madhapani

College: Acharya Narendra Dev College

RS. 2,50,000 (Three Lakh Fifty Thousand only)

Grant Sanctioned S No	Budget head	Approved sanctioned	Account utilized	
1	Equipment (computer)	1,00,000	00.8%	✓
2	Travel	5,000	1.00%	✓
3	Stipend	1,00,000	1.00%	✓
4	Honorarium	25,000	0.5%	✓
5	Stipends	30,000	0.6%	✓
6	Contingency	50,000	2.0%	✓
	Total amount utilised-Rs		2,21,744	
	Balance-Rs		28,256	
	Amount Retained		41,756	

Certified that out of Rs. 3,50,000 sanctioned under the Project Scheme, the amount of Rs. 2,21,744 has been utilized during the period of the project. The balance amount of Rs. 1,28,256 will be returned back to the Government of India.

(Signature)
Dr. Sunita Narang
 Assistant Professor
 Department of Commerce

(Signature)
Dr. Suminder Kaur
 Associate Professor
 Department of Commerce

(Signature)
Dr. Shashi Madhapani
 Associate Professor
 Department of Commerce

(Signature)
Principal
 Acharya Narendra Dev College
 (University of Delhi)
 Gurgaon, Haryana
 New Post-410019



(Signature)
 H. N. Arora
 H. N. Arora
 H. N. Arora



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 308

Project Title: Analysis of the efficacy of Plant sources recommended as brain tonics

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 1,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 80,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/
6.	Contingency	Rs 30,000/-
	Total	Rs 400,000/-
Rs 4 lakhs (Rupees four lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 2,50,000/		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,

Yours sincerely,

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 308


Financial Grant under Innovation Project scheme


Principal Investigators: **Dr. Geetika Kalra, Dr. Saumya Saxena, Dr. Manisha Jain**


College: **Acharya Narendra Dev College**


Grant sanctioned	Rs. 4,00,000/- (Four Lakh Only)		
Grant Released	Rs. 3,10,000/- (Three Lakh Ten Thousand only)		
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	1,25,000/-	1,23,749/- ✓
2	Travel	80,000/-	Nil ✓
3	Stipend	1,20,000/-	1,20,000/- ✓
4	Honorarium	25,000/-	25,000/- ✓
5	Stationery	20,000/-	19,746/- ✓
6.	Contingency	30,000/-	30,428/- ✓
Total amount utilized Rs			3,18,923/-
Amount Recover Rs.			(8,923/-)


Certified that out of **Rs. 3,10,000/-** sanctioned under the Innovation Projects scheme 2015-16, **Rs. 3,18,923/-** has been utilized during the period of the project. **Rs. 8,923/-** is the overspent balance.


Dr. Geetika Kalra
Associate Professor
Department of Botany


Dr. Saumya Saxena
Associate Professor
Department of Botany


Dr. Manisha Jain
Associate Professor
Department of Chemistry


Signature of Principal


Financial Audit Clearance
and Stamp of Chartered Accountant



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 309

Project Title: Leveraging Big Data for Astronomy and Health Care

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 2,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/
6.	Contingency	Rs 55,000/-
	Total	Rs 500,000/-
Rs 5 lakhs (Rupees five lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 3,50,000/		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,

Yours sincerely,

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC – 309


Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Subhash Kumar, Dr. Sunita Jetly, Dr. Mamta Bhatia


College: Acharya Narendra Dev College

Grant sanctioned Rs. 5,00,000/- (Five Lakh Only)			
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment Consumables	2,25,000 -	37,150 -
2	Travel	55,000 -	Nil
3	Stipend	1,20,000 -	1,20,000 -
4	Honorarium	25,000 -	25,000 -
5	Stationery	20,000 -	1,305 -
6	Contingency	55,000 -	1,000 -
Total amount utilized Rs			1,84,455/-
Amount Remaining Rs.			3,15,545/-

Certified that out of Rs. 5,00,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 1,84,455/- has been utilized has been the period of the project. The remaining amount Rs. 3,15,545/- will be returned back to the University along with audited utilization certificate


 Dr. Subhash Kumar
 Assistant Professor
 Department of Physics


 Dr. Sunita Jetly
 Associate Professor
 Department of BMS


 Dr. Mamta Bhatia
 Associate Professor
 Department of Physics


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


 Chandan
 Financial Audit Clearance
 and Stamp of Chartered Accountant

NAME - CA. CHAUDAN BHATIA
 M.No. - 517097
 DATE - 04.11.16




 Received
 Subhash Kumar



University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 310

Project Title: Development of an All-In-One module for real time Agricultural Data Acquisition and Processing

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 2,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 500,000/-
Rs 5 lakhs (Rupees five lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 3,50,000/-		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,

Yours sincerely,

Prof. Malashri Lal

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC - 310

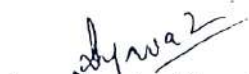
Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Roopesh Tehri, Dr. Harita Ahuja
 College: Acharya Narendra Dev College


Grant sanctioned	Rs. 5,00,000/- (Five Lakh Only)		
Grant Released	Rs. 4,10,000/- (Four Lakh Ten Thousand only)		
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/Consumables	2,25,000/-	2,25,718/-
2	Travel	55,000/-	6,894/-
3	Stipend	1,20,000/-	95,000/-
4	Honorarium	25,000/-	25,000/-
5	Stationery	20,000/-	14,068/-
6	Contingency	55,000/-	35,650/-
Total amount utilized Rs			4,02,330/-
Amount Remaining Rs.			7,670/-

Certified that out of Rs. 4,10,000/- sanctioned under the Innovation Projects scheme 2015-16. Rs. 4,02,330/- has been utilized has been the period of the project. The remaining amount Rs. 7,670/- will be returned back to the University along with audited utilization certificate


 Dr. Roopesh Tehri
 Associate Professor
 Department of Mathematics


 Dr. Preeti Marwaha
 Assistant Prof.
 Dept. of Comp-Sci.


 Dr. Harita Ahuja
 Assistant Professor
 Department of Comp Sci.


 Dr. Amit Chari
 Associate Prof.
 Dept. of Elect.


 Signature of Principal
 Acharya Narendra Dev
 University of
 Gwalior, Gwalior,
 M.P. Delhi-110014

Chandam
 Financial Audit Clearance
 and Stamp of Chartered Accountant



NAME- CA. CHANDAN BHATIA
 M.NO. - 517097
 DATE - 04.11.16

Received




University of Delhi

RC/2015/9435

31 August, 2015

The Principal
Acharaya Narendra Dev College
Govindpuri, Kalkaji
New Delhi-110019

Subject: - Innovation Projects 2015-16

Dear Principal,

The University of Delhi is pleased to announce the third round of the undergraduate research initiative in colleges, Innovation Projects 2015-16. You will be glad to know that the following project submitted by your college has been selected for award

Project Code: ANDC 311

Project Title: Development of a multisensor gesture controlled Wheelchair System for Persons with Disability

The distribution of grant under different budget heads as below:

Sr. No.	Budget Head	Amount
1.	Equipment/Consumables	Rs 2,25,000/-
2.	Stipends	Rs. 1,20,000/- (1000x10x12)
3.	Travel	Rs 55,000/-
4.	Honorarium	Rs 25,000/-
5.	Stationery/Printing	Rs 20,000/-
6.	Contingency	Rs 55,000/-
	Total	Rs 500,000/-
Rs 5 lakhs (Rupees five lakhs only)		
Amount to be released in first phase by Finance Branch- Rs 3,50,000/-		

Budget head No. 1 and half of the remaining grant will be released as the first instalment. The second and final instalment will be released after submission of half-yearly report (by 15 February 2016), satisfactory review and recommendation of release of the second instalment.

Please refer to the detailed guidelines for implementation of the project. Any queries may be addressed to- innovationprojects1516@gmail.com.

With best wishes,

Yours sincerely,

Prof. Malashri Lal


Utilization Certificate
Innovation Project 2015-16
Project Code ANDC – 311


Financial Grant under Innovation Project scheme


Principal Investigators: **Dr. Amit Garg, Dr. Abhishek Kumar Mehta**
 College: **Acharya Narendra Dev College**


Grant sanctioned Rs. 5,00,000/- (Five Lakh Only)			
S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment Consumables	2,25,000 -	2,25,025 -
2	Travel	55,000 -	1,200 -
3	Stipend	1,20,000 -	96,000/-
4	Honorarium	25,000 -	25,000/-
5	Stationery	20,000 -	21,840/-
6	Contingency	55,000 -	57,370/-
Total amount utilized Rs			4,26,435/-
Amount Remaining Rs			73,565/-


Certified that out of Rs. 5,00,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 4,26,435/- has been utilized has been the period of the project. The remaining amount Rs. 73,565/- will be returned back to the University along with audited utilization certificate


 Dr. Amit Garg
 Associate Professor
 Department of Electronics


 Dr. Abhishek Kumar Mehta
 Assistant Professor (Ad-Hoc)
 Department of BMS



 H. Vishal Dhillon
 Assistant Professor
 Department of Electronics


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


 Chandan
 Financial Audit Clearance
 and Stamp of Chartered Accountant



NAME - CA. CHANDAN BHATIA
 M.No. - 517097
 DATE - 04.11.16

Received


*Government
Registration
University of Delhi*

Utilization Certificate
Innovation Project 2015-16
Project Code ANDC-308

Financial Grant under Innovation Project scheme

Principal Investigators: Dr. Geetika Kalra, Dr. Saumya Saxena, Dr. Manisha Jain

College: Acharya Narendra Dax College

S.No.	Budget head	Amount sanctioned	Amount utilized
1	Equipment/consumables	1,25,000/-	1,23,749/-
2	Travel	80,000/-	Nil
3	Stipend	1,20,000/-	1,20,000/-
4	Honarium	25,000/-	25,000/-
5	Stationery	20,000/-	19,746/-
6	Contingency	30,000/-	30,428/-
Total amount utilized Rs.			3,18,923/-
Amount Remaining			11,857/-

Certified that out of Rs. 3,10,000/- sanctioned under the Innovation Projects scheme 2015-16, Rs. 2,98,143/- has been utilized during the period of the project. ~~The remaining amount~~ Rs. 11,857/- will be returned back to the University along with audited utilization certificate.

- C) b the over spend balance.

Dr. Geetika Kalra
Assistant Professor
Department of Botany

Dr. Saumya Saxena
Associate Professor
Department of Botany

Dr. Manisha Jain
Assistant Professor
Department of Chemistry

Signature of Principal

2.52

*1.25 ✓
1.22 ✓
3.10 ✓*

Financial Audit Clearance
and Stamp of Chartered Accountant

1.25 ✓

2.15

*As per Dr. Manisha Jain
1.25 ✓
1.22 ✓
2.15 ✓
2.20 ✓
2.25 ✓
2.28 ✓
2.30 ✓
2.32 ✓
2.35 ✓
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2.55 ✓
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2.62 ✓
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2.70 ✓
2.72 ✓
2.75 ✓
2.78 ✓
2.80 ✓
2.82 ✓
2.85 ✓
2.88 ✓
2.90 ✓
2.92 ✓
2.95 ✓
2.98 ✓
3.00 ✓*