



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Deen Dayal Upadhyaya College [ARI-C-6361]

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Deen Dayal Upadhyaya College (Expenditure & Income-Recurring)	321947380.00	356795103.67	Document Uploaded in ARIIA DSP
Deen Dayal Upadhyaya College (Expenditure & Income-Non-Recurring)	80.00	185798.00	Document Uploaded in ARIIA DSP
UGC Sponsored Faculty Research Project 1 (Expenditure & Approved Amount)	799733.00	817355.00	Document Uploaded in ARIIA DSP
UGC Startup Grant for Faculty Research Project 2 (Expenditure & Approved Amount)	113317.00	600000.00	Document Uploaded in ARIIA DSP
Faculty Research Project 3 (Expenditure & Approved Amount)	22800.00	249000.00	Document Uploaded in ARIIA DSP
UGC Startup Grant for Faculty Research Project 4 (Expenditure & Approved Amount)	203662.00	600000.00	Document Uploaded in ARIIA DSP
UGC Startup Grant for Faculty Research Project 5 (Expenditure & Approved Amount)	271527.00	600000.00	Document Uploaded in ARIIA DSP
Faculty Research Project 6 (Expenditure & Approved Amount)	87262.00	161000.00	Document Uploaded in ARIIA DSP
DBT-STAR Program (Expenditure & Income)	5615459.00	7174173.00	Document Uploaded in ARIIA DSP
UGC-Account (Expenditure & Income)	3051.00	34724.00	Document Uploaded in ARIIA DSP
DST Sponsored Faculty Research Project 7 (Expenditure & grant including interest))	855003.00	1210471.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	329919274.00	368427624.67	

Institute Type : Colleges/Institutes (Govt. & Govt. Aided)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2357

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 124

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/rec eived fund to organise the	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
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Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

														program/acti vity/event?	
A two-day Mini-Symposium in Mathematics for the Department of Mathematics . Deen Dayal Upadhyaya College, University of Delhi.	Innovation	Mini-Symposium	Institute Lead Activity	Department of Mathematics	22-02-2019 00:00:00	23-02-2019 00:00:00	2	Within Campus	0	4	0	34	38	Yes	58555
A five day workshop on Numerical Methods and its Applications in various Allied Fields of Sciences with MATHEMATICA under the aegis of DBT Star College Program	Innovation	workshop	Institute Lead Activity	Department of Mathematics under the aegis of DBT-Star college program	17-09-2018 00:00:00	22-09-2018 00:00:00	6	Within Campus	14	0	16	0	30	Yes	60797
First Hands-on Workshop on Numerical Methods with Mathematica at Deen Dayal Upadhyaya College under the aegis of DBT star college scheme	Innovation	Workshop	Institute Lead Activity	Department of Mathematics under the aegis of DBT-Star program	06-03-2019 00:00:00	06-03-2019 00:00:00	1	Within Campus	17	0	0	0	17	Yes	6712
First Hands on Workshops in TORA for B.Sc. Physical Science and Mathematica I Science students at Deen Dayal Upadhyaya college under the aegis of DBT Star College Programme	Innovation	Workshop	Institute Lead Activity	Department of mathematics under the aegis of DBT Star college scheme	21-02-2019 00:00:00	21-02-2019 00:00:00	1	Within Campus	18	0	0	0	18	Yes	10848

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

A two-day workshop on Natural Language Processing at Deen Dayal Upadhyaya College	Innovation	Workshop	Institute Lead Activity	Department of computer science	13-02-2019 00:00:00	14-02-2019 00:00:00	2	Within Campus	44	0	9	0	53	Yes	10912
A two days Hands-on Workshop on Immunotech niques, based on Antigen-Antibody (Ag-Ab) Interactions Scheme at Deen Dayal Upadhyaya College, University of Delhi under the aegis of DBT Star College	Innovation	Workshop	Institute Lead Activity	Zoology under DBT Star college scheme	13-06-2018 00:00:00	14-06-2018 00:00:00	2	Within Campus	16	0	0	0	16	Yes	25757
Science Foundation organized 90Hours hands-on workshop on Trends for Algorithmic Experimentation and Prototyping.	Innovation	Workshop	Institute Lead Activity	Electronics department under the aegis of DBT Star college scheme	28-05-2018 00:00:00	15-06-2018 00:00:00	19	Within Campus	24	0	7	0	31	Yes	202920
3-day workshop on Ionic Equilibrium through Experiment, an outreach activity for school students .	Innovation	Workshop	Institute Lead Activity	Chemistry department and science foundation	14-05-2018 00:00:00	16-05-2018 00:00:00	3	Within Campus	0	0	30	0	30	Yes	37686
Two-day workshop on Molecular Techniques for undergraduate students was organized. 20 students from B.Sc. (H) Botany Semester I participated in the workshop.	Innovation	Workshop	Institute Lead Activity	Botony department	23-05-2018 00:00:00	24-05-2018 00:00:00	2	Within Campus	20	0	0	0	20	Yes	11371

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

5th workshop on Recent Trends in Semiconductor or Devices and Technology was organized on which was jointly organized with Science Foundation of the college.	Innovation	Workshop	Institute Lead Activity	Electronics Department jointly with Science Foundation	22-02-2019 00:00:00	25-02-2019 00:00:00	4	Within Campus	100	0	0	0	100	Yes	25776
Inter College Workshop on Design and Development of sensors guided and Bluetooth Controlled Bot	Innovation	Workshop	Institute Lead Activity	Robotics Department	28-01-2019 00:00:00	29-01-2019 00:00:00	2	Within Campus	2	2	38	0	42	Yes	22447
Workshop on Assemble Bluetooth Controlled Bot and Obstacle Avoidance Bot	Innovation	Workshop	Institute Lead Activity	Robotics Club	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	28	2	0	0	30	Yes	12597
Introduction To Arduino	Innovation	Workshop	Institute Lead Activity	Robotics Club	17-08-2018 00:00:00	17-08-2018 00:00:00	1	Within Campus	120	2	0	0	122	Yes	9428
The international conference on Centers of Educational Excellence and Sites of Knowledge in Early India upto 13th Century A.D -History, Dimensions and New Researches	Innovation	International Conference	Institute Lead Activity	Department of History	12-10-2018 00:00:00	13-10-2018 00:00:00	2	Within Campus	80	20	70	18	188	Yes	97899
Two-days-hands on Training workshop on ADS (Advance Design System Tool)	Innovation	Hands on Training Workshop	Institute Lead Activity	Department of Electronics	22-02-2019 00:00:00	23-02-2019 00:00:00	2	Within Campus	4	0	18	0	22	Yes	20000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

second hands-on workshop on TORA for Bsc. Physical Science and mathematics I science students	Innovation	hands-on-workshop	Institute Lead Activity	Department of Mathematics	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	22	0	0	0	22	Yes	5310
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Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
International conference on Integrative Chemistry, Biology and Translational Medicine	Innovation	International Conference	Centre ofr Global health, Hansraj College , University of Delhi and Loyola University, Chicago and Stritch School of Medicine, USA	Educational Institute	25-02-2019 00:00:00	26-02-2019 00:00:00	2	10	0	10	No	---	---	Yes	9904
Workshop-MOOCs, e-content development and open educational resources	Innovation	Workshop	CPDHE, University of Delhi	Govt. Agency (Central)	13-03-2019 00:00:00	19-03-2019 00:00:00	7	0	2	2	No	---	---	Yes	1000
One day National Symposium on Microbes and Nanotechnology in Sustainable Environment	Innovation	National Symposium	Kirori Mal College, University of Delhi	Educational Institute	07-02-2019 00:00:00	07-02-2019 00:00:00	1	0	1	1	No	---	---	No	---

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

A four-day Workshop on Research-Based Pedagogical Tools (RBPTs)	Innovation	Workshop	Centre of Excellence in Science and Mathematics Education (COESME), Indian Institute of Science Education (IISER), Pune	Educational Institute	28-09-2018 00:00:00	01-10-2018 00:00:00	4	0	1	1	No	---	---	No	---
Faculty Development Program on Challenges Before the Academia on gadgets - electronic communication and artificial intelligence	Innovation	Faculty Development Programme	mahatma hansraj faculty development center	Educational Institute	15-12-2018 00:00:00	28-12-2018 00:00:00	14	0	1	1	No	---	---	No	---
Workshop on Introductory Evolutionary and Phylogenetic Biology	Innovation	workshop	Department of botany, DU	Educational Institute	04-01-2019 00:00:00	05-01-2019 00:00:00	2	0	1	1	No	---	---	No	---
13th Asian International Seminar on Atomic and Molecular Physics	Innovation	International Seminar	IIT Bombay	Educational Institute	03-12-2018 00:00:00	08-12-2018 00:00:00	6	0	1	1	No	---	---	No	---
National Conference on Recent Trends in Materials Science and spectroscopy (RTMS2019)	Innovation	National Conference	Aligarh Muslim University	Educational Institute	02-03-2019 00:00:00	03-03-2019 00:00:00	2	0	1	1	No	---	---	No	---
Faculty Development Program on Entrepreneurship motivation and learning	Entrepreneurship/Startup	Faculty Development Program	Atma Ram Sanatan Dharma College in association with the National Institute for Entrepreneurship and Small Business Development (NIESBUD)	Educational Institute	24-12-2018 00:00:00	30-12-2018 00:00:00	7	0	1	1	No	---	---	No	---

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

Advanced Instructional School on Several Complex Variables at the Department of Mathematics	Innovation	event	IISC Bangalore	Educational Institute	11-06-2018 00:00:00	13-06-2018 00:00:00	3	0	1	1	No	---	---	No	---
Research Based Pedagogical Tools (RBPT) Writers Workshop for STEM Teachers	Innovation	Workshop	IISER Pune	Educational Institute	20-01-2019 00:00:00	23-01-2019 00:00:00	4	0	1	1	No	---	---	No	---
two-week interdisciplinary Faculty Development Programme on Gender, Research Methods, and Pedagogies	Innovation	Faculty Development Programme	Mahatma Hansraj Faculty Development Centre (A centre of MHRD, Government of India)	Educational Institute	20-11-2018 00:00:00	03-12-2018 00:00:00	14	0	1	1	No	---	---	No	---
Winter School on Artificial Intelligence	Innovation	event	infosys Center of Artificial Intelligence at IIIT-Delhi	Educational Institute	18-01-2019 00:00:00	21-01-2019 00:00:00	4	0	1	1	No	---	---	No	---
International Symposium on Functional Materials (ISFM-2018) on Phase-Pure Highly Oriented Bi ₂ Fe ₄ O ₉ Thin Films Grown Using Pulsed Laser Deposition Technique	Innovation	International Symposium	Chandigarh	Educational Institute	13-04-2018 00:00:00	15-04-2018 00:00:00	3	0	1	1	No	---	---	No	---
event on ethical hacking	Innovation	National Level Even	IIT Bombay	Educational Institute	16-03-2019 00:00:00	17-03-2019 00:00:00	2	1	0	1	No	---	---	No	---

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Online retailing- An Industry Orientation for Under-Graduate Students	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	01-06-2018 00:00:00	23-06-2018 00:00:00	23	Offline	36	36	100

Effective Communication and Personality Development Through Theatre	Innovation	Short term Certificate	Short Term Certificate Course	18-08-2018 00:00:00	14-10-2018 00:00:00	58	Offline	35	29	100
Financial Modelling	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	09-10-2018 00:00:00	29-04-2019 00:00:00	203	Offline	23	23	100

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge		Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?		Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?	
							Yes	No		
Research Lab (Chemistry)	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 8, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name Dr. Sunny Manohar	Dr. Sunny Manohar	150 Sq. Ft.	Yes		No	
				Facility Incharge Email sunnymanohar85@gmail.com			Annual Capital Expenditure (In Rupees)	460646		
				Facility Incharge Phone 9810604149			Annual Operational Expenditure (In Rupees)	127884		
Room - 414	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 414, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name Dr. P K Jha	Dr. P K Jha	320 Sq. Ft.	Yes		No	
				Facility Incharge Email pkjha.physics@ddu.ac.in			Annual Capital Expenditure (In Rupees)	594880		
				Facility Incharge Phone 9650008125			Annual Operational Expenditure (In Rupees)	260123		
Room-109 (Cabin-I)	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 109, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name Dr. Kulvinder Singh	Dr. Kulvinder Singh	300 Sq. Ft.	Yes		No	
				Facility Incharge Email kulvinder.physics@gmail.com			Annual Capital Expenditure (In Rupees)	22800		
				Facility Incharge Phone 9811998997			Annual Operational Expenditure (In Rupees)	0		
Room - 217	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 217, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name Dr. Varnika Bhatia	Dr. Varnika Bhatia	600 Sq. Ft.	Yes		No	
				Facility Incharge Email varnikabhatia@yahoo.com			Annual Capital Expenditure (In Rupees)	742018		
				Facility Incharge Phone 9899624439			Annual Operational Expenditure (In Rupees)	57715		

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Room - 211	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 211, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name	Dr. Shailly Anand	505 Sq. Ft.	Yes		No
				Facility Incharge Email	shailly.anand@gmail.com		Annual Capital Expenditure (In Rupees)	87262	
				Facility Incharge Phone	9899009214		Annual Operational Expenditure (In Rupees)	0	
DBT Star Lab	Centre of Excellence with Advance Tools & Equipment	2018	Room No. 205, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name	Dr. Manoj Saxena	1600 Sq. Ft.	Yes		No
				Facility Incharge Email	saxenamanoj@gmail.com		Annual Capital Expenditure (In Rupees)	3696578	
				Facility Incharge Phone	9968393104		Annual Operational Expenditure (In Rupees)	1988693	
Robotics Club	Centre of Excellence with Advance Tools & Equipment	2015	ICT Center, Deen Dayal Upadhyaya College, Dwarka Sector-3, New Delhi	Facility Incharge Name	Dr. Anju Agarwal	960 Sq. Ft.	Yes		No
				Facility Incharge Email	anju56ind@gmail.com		Annual Capital Expenditure (In Rupees)	176545	
				Facility Incharge Phone	9999727976		Annual Operational Expenditure (In Rupees)	51271	

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Research Lab (Chemistry)	Funding Agency	UGC	Govt. Agency (Central)	Yes	1800000
Room - 414	Funding Agency	Department of Science and Technology	Govt. Agency (Central)	Yes	1200000
Room-109 (Cabin-I)	Institute's Own Fund / Resource	---	---	Yes	249000
Room - 217	Funding Agency	UGC	Govt. Agency (Central)	Yes	800000
Room - 211	Institute's Own Fund / Resource	---	---	Yes	200000
DBT Star Lab	Funding Agency	Department of Bio-Technology	Govt. Agency (Central)	Yes	6800000
Robotics Club	Institute's Own Fund / Resource	---	---	Yes	227816

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?																			
Magnetically Active Ionic Liquid Design Synthesis and their Application in Organic Transformation	Research Lab (Chemistry)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No																			
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
								600000																					
								<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Sunny Manohar</td> <td>Faculty</td> <td>Male</td> <td>sunnymanohar85@gmail.com</td> <td>9810604149</td> </tr> </tbody> </table> <p>Co-Innovator</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Sunny Manohar</td> <td>Faculty</td> <td>Male</td> <td>sunnymanohar85@gmail.com</td> <td>9810604149</td> </tr> </tbody> </table>										Name	Type	Gender	Email	Contact	Dr. Sunny Manohar	Faculty	Male	sunnymanohar85@gmail.com	9810604149	Name	Type
Name	Type	Gender	Email	Contact																									
Dr. Sunny Manohar	Faculty	Male	sunnymanohar85@gmail.com	9810604149																									
Name	Type	Gender	Email	Contact																									
Dr. Sunny Manohar	Faculty	Male	sunnymanohar85@gmail.com	9810604149																									
Facile access to nucleobase-modified nucleosides via Diels-Alder reaction	Research Lab (Chemistry)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No																			
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Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
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Principal Innovator										
Name			Type		Gender		Email		Contact	
Dr. Kapil Bohra			Faculty		Male		kapchembohra@gmail.com		9711913643	
Co-Innovator										
Name			Type		Gender		Email		Contact	
Dr. Kapil Bohra			Faculty		Male		kapchembohra@gmail.com		9711913643	

Solution-based synthesis of graphene quantum dots and study of the photoluminescent emission property	Research Lab (Chemistry)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>600000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	600000	No	No
Yes													
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)													
600000													

Principal Innovator										
Name			Type		Gender		Email		Contact	
Dr. Jyoti			Faculty		Female		jyotichemdduc@gmail.com		9582387152	
Co-Innovator										
Name			Type		Gender		Email		Contact	
Dr. Jyoti			Faculty		Female		jyotichemdduc@gmail.com		9582387152	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?									
Fabrication of Hybrid Air Purifier	Room-109 (Cabin-I)	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No									
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)											
								249000											
								Principal Innovator											
								Name			Type		Gender		Email		Contact		
Dr. Kulvinder Singh		Faculty		Male		kulvinder.physics@gmail.com		9811998997											
Co-Innovator																			
Name		Type		Gender		Email		Contact											
Dr. Kulvinder Singh		Faculty		Male		kulvinder.physics@gmail.com		9811998997											
Metabolic engineering of taxol to its anti-cancerous efficacy	Room - 217	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes	No	No									
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)											
								800000											

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Study of Bacterial Community Structure at a Polluted Site in Delhi and Adjoining Areas	Room - 211	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td data-bbox="1635 756 1827 799">Yes</td> </tr> <tr> <td data-bbox="1635 799 1827 1086"> Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 200000 </td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 200000	No	No																																								
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RFID Card Entry Management System	Robotics Club	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								4000		
								Principal Innovator		
Name			Type		Gender		Email		Contact	
Dr. Anju Agarwal			Faculty and Student		Female		anju56ind@gmail.com		9999727976	
Co-Innovator										
Name			Type		Gender		Email		Contact	
Dr. Anju Agarwal			Faculty and Student		Female		anju56ind@gmail.com		9999727976	
Smart Home with Bluetooth controlled AC devices	Robotics Club	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
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Auto Watering System	Robotics Club	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>2000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	2000	No	No																														
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Overhead Tank Water Level Sensing System	Robotics Club	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No									
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Smart Patient Assistant	Robotics Club	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No									
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Dynamics of Coupled Quantum Dots in a Semiconductor Microcavity - Feasibility of Building all Optical Switches	Room - 414	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>1200000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	1200000	No	No							
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Dr. P K Jha	Faculty	Male	pkjha.physics@ddu.du.ac.in	9650008125																

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data Filled!

Co-Incubation Partnership

No Data Filled!

Technology Commercialization / Transfer

No Data Filled!

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. H C Jain (Head of Institute) and Dr. Anuja Soni (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

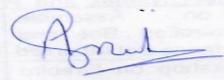
The Head of Institute



Actg. Principal
Deen Dayal Upadhyaya College
(University of Delhi)
Sector-3, Dwarka, New Delhi-78
Date: 11.10.2019

Dr. H C Jain
Head of the Institution,
Deen Dayal Upadhyaya College,
New Delhi, Delhi

Nodal officer



Date: 11.10.2019

Dr. Anuja Soni
Nodal Officer,
Deen Dayal Upadhyaya College,
New Delhi, Delhi

Responsibility for accuracy and authenticity of data lies with the concerned institution.