



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: Arya College of Engg. & Information Technology, Jaipur [ARI-C-25117]

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/received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
One day workshop on start up	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Electrical Engineering	08-09-2018 00:00:00	08-09-2018 00:00:00	1	Within Campus	150	5	0	0	155	Yes	15000
Start up and Innovation Program	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Arya College of Engineering and I.T.	03-11-2018 00:00:00	03-11-2018 00:00:00	1	Within Campus	250	7	0	0	257	Yes	10000
RTU Hackathon 2018	Innovation	Hackathon	Institute Lead Activity	Computer Science and Engineering Department	22-09-2018 00:00:00	23-09-2018 00:00:00	2	Within Campus	310	24	232	11	577	Yes	1839647
Auto Ignition	Innovation	Innovation Contest	Institute Lead Activity	Department of Mechanical Engineering	12-03-2019 00:00:00	12-03-2019 00:00:00	1	Within Campus	220	5	0	0	225	Yes	35000
Chhatra Vishwakarma Award	Innovation	Innovation Contest	Institute Lead Activity	Arya College of Engineering and IT	13-11-2018 00:00:00	13-11-2018 00:00:00	1	Within Campus	10	2	200	25	237	Yes	235040

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)
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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

Start up Innovation Event	Innovation	Orientation Session	MHRD Innovation Cell	Govt. Agency (Central)	21-11-2018 00:00:00	21-11-2018 00:00:00	1	0	3	3	No	---	---	Yes	10000
DrishTi Online Contest	Innovation	Innovation Contest	TEXAS Instruments	Corporate / Industry Association	28-02-2019 00:00:00	28-02-2019 00:00:00	1	150	1	151	Yes	Winners	Analog Project Innovation	Yes	15000
India International Science festival 2018	Innovation	Innovation Contest	Ministry of Science and Technology, Ministry of Earth Sciences in association with Vijnana Bharati	Govt. Agency (Central)	06-10-2018 00:00:00	07-10-2018 00:00:00	2	8	3	11	No	---	---	Yes	20000
Do It Yourself by EFY Enterprises Pvt. Ltd	Innovation	Innovation Contest	EFY Enterprises Pvt. Ltd	Non-Govt. Agencies	01-11-2018 00:00:00	01-11-2018 00:00:00	1	1	0	1	Yes	Idea Published in Electronics For You Magazine	Make Your own Joystick for Robot	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
Industrial Automation	Entrepreneurship/Startup	EDP	Short Term Certificate Course	28-01-2019 00:00:00	30-04-2019 00:00:00	93	Offline	85	85	60
VLSI Full Custom and Embedded System Development	Innovation	Short term Certificate	Bachelor	15-01-2019 00:00:00	15-03-2019 00:00:00	60	Offline	120	116	60
Universal Human Values and Professional Ethics	Entrepreneurship/Startup	FDP	Short Term Certificate Course	26-06-2018 00:00:00	03-07-2018 00:00:00	8	Offline	70	2	48

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?												
Solar Lab	Incubation Unit	2018	Department of Electrical Engineering, Arya College of Engineering and IT, SP-42 Kukas Industrial Area, Jaipur. (Rajasthan)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Virendra Sharma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@aryacollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7737807978</td> </tr> </table>	Facility Incharge Name	Mr. Virendra Sharma	Facility Incharge Email	hodee@aryacollege.in	Facility Incharge Phone	7737807978	800 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>80000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>5000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	80000	Annual Operational Expenditure (In Rupees)	5000	No
Facility Incharge Name	Mr. Virendra Sharma																		
Facility Incharge Email	hodee@aryacollege.in																		
Facility Incharge Phone	7737807978																		
Yes																			
Annual Capital Expenditure (In Rupees)	80000																		
Annual Operational Expenditure (In Rupees)	5000																		

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

Electronics Incubation and Design Center	Incubation Unit	2017	Department of ECE , Arya College of Engg and IT, Kukas Industrial Area, Jaipur	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Rahul Srivastava</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rahu_79@rediffmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9413116430</td> </tr> </table>	Facility Incharge Name	Dr. Rahul Srivastava	Facility Incharge Email	rahu_79@rediffmail.com	Facility Incharge Phone	9413116430	3000 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>25000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>25250</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	25000	Annual Operational Expenditure (In Rupees)	25250	No
Facility Incharge Name	Dr. Rahul Srivastava																		
Facility Incharge Email	rahu_79@rediffmail.com																		
Facility Incharge Phone	9413116430																		
Yes																			
Annual Capital Expenditure (In Rupees)	25000																		
Annual Operational Expenditure (In Rupees)	25250																		
Arya Incubation Center	Pre-Incubation Centre	2017	Arya College of Engg and IT, SP-42, Kukas Industrial Area, Jaipur (Rajasthan)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof.(Dr.) Akhil Pandey</td> </tr> <tr> <td>Facility Incharge Email</td> <td>akhil@aryacollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9829090750</td> </tr> </table>	Facility Incharge Name	Prof.(Dr.) Akhil Pandey	Facility Incharge Email	akhil@aryacollege.in	Facility Incharge Phone	9829090750	400 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1650</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>4250</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1650	Annual Operational Expenditure (In Rupees)	4250	No
Facility Incharge Name	Prof.(Dr.) Akhil Pandey																		
Facility Incharge Email	akhil@aryacollege.in																		
Facility Incharge Phone	9829090750																		
Yes																			
Annual Capital Expenditure (In Rupees)	1650																		
Annual Operational Expenditure (In Rupees)	4250																		
Center of Excellency - PLC SCADA and HMI Interface	Pre-Incubation Centre	2016	Department of Electrical Engineering, Arya College of Engineering and I.T., Kukas Industrial Area, Sitapura, Jaipur	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof. (Dr.) Prabhat Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@aryacollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7737807978</td> </tr> </table>	Facility Incharge Name	Prof. (Dr.) Prabhat Kumar	Facility Incharge Email	hodee@aryacollege.in	Facility Incharge Phone	7737807978	712 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>15000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>10000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	15000	Annual Operational Expenditure (In Rupees)	10000	No
Facility Incharge Name	Prof. (Dr.) Prabhat Kumar																		
Facility Incharge Email	hodee@aryacollege.in																		
Facility Incharge Phone	7737807978																		
Yes																			
Annual Capital Expenditure (In Rupees)	15000																		
Annual Operational Expenditure (In Rupees)	10000																		
Automotive Development Centre	Pre-Incubation Centre	2015	Arya College of Engineering and IT, SP-42, RIICO Industrial Area, Delhi Road , Kukas, Jaipur	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Nikil Kumar Khandelwal</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nikhilkumar.me@aryacollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9829017324</td> </tr> </table>	Facility Incharge Name	Mr. Nikil Kumar Khandelwal	Facility Incharge Email	nikhilkumar.me@aryacollege.in	Facility Incharge Phone	9829017324	2152 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>8050</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>7500</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	8050	Annual Operational Expenditure (In Rupees)	7500	No
Facility Incharge Name	Mr. Nikil Kumar Khandelwal																		
Facility Incharge Email	nikhilkumar.me@aryacollege.in																		
Facility Incharge Phone	9829017324																		
Yes																			
Annual Capital Expenditure (In Rupees)	8050																		
Annual Operational Expenditure (In Rupees)	7500																		

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)
Electronics Incubation and Design Center	Funding Agency	Pooja Printers	Not-Govt. Agencies	Yes	20000
Solar Lab	Funding Agency	Ravi Electrical and Contractor	Not-Govt. Agencies	Yes	15000
Automotive Development Centre	Funding Agency	Ambica Motors	Not-Govt. Agencies	Yes	11000

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?																														
A computer cloud based smart irrigation system using IoT	Electronics Incubation and Design Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 6335</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 6335	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	<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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No																			
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<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>Ms Shruti Jha</td> <td>Student</td> <td>Female</td> <td>rahu_79@rediffmail.com</td> <td>-</td> </tr> <tr> <td>Mr. Sanatan Kumar Sharma</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Mr. Mayank Sharma</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Adarsh Pandey</td> <td>Student</td> <td>Male</td> <td>-</td> <td>-</td> </tr> <tr> <td>Dr. Aditya Kumar Singh Pundir</td> <td>Faculty</td> <td>Male</td> <td>aditya.pundir@ieee.org</td> <td>9784637603</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Ms Shruti Jha	Student	Female	rahu_79@rediffmail.com	-	Mr. Sanatan Kumar Sharma	Student	Male	-	-	Mr. Mayank Sharma	Student	Male	-	-	Adarsh Pandey	Student	Male	-	-	Dr. Aditya Kumar Singh Pundir	Faculty	Male	aditya.pundir@ieee.org	9784637603
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Ms Shruti Jha	Student	Female	rahu_79@rediffmail.com	-																																				
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Adarsh Pandey	Student	Male	-	-																																				
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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?											
A portable traffic light system using real time traffic data	Electronics Incubation and Design Center	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 6336</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 6336	Year of Patent Application	2018	Completed but No Further Action Taken	TRL 2 : Technology formulation. Concept and application have been formulated.	<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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No
IP / Patented Technology																					
Applied for Patent	Yes																				
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Year of Patent Application	2018																				
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0																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Dr. Rahul Srivastava		Faculty		Male		rahu_79@rediffmail.com		9413116430													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Abhishek Singh		Student		Male		-		-													
Prakhar Tondon		Student		Male		-		-													
Harshit Gupta		Student		Male		-		-													
Divya Chaudhary		Student		Female		-		-													
Aushi Yadav		Student		Female		-		-													
Guddy Kumari		Student		Female		-		-													

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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?
A low cost economical real time self healing approach for RAM based on Dynamic Spare Allocation using microcontroller	Electronics Incubation and Design Center	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty	2018	IP / Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 6 : Prototype system tested in intended environment close to expected performance.	No	No	No
					Applied for Patent					
Principal Innovator										
Name			Type		Gender		Email		Contact	
Dr. Aditya Kumar Singh Pundir			Faculty		Male		aditya.pundir@ieee.org		9784637603	
Solar Operated Hybrid Bicycle	Solar Lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	IP / Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	No
					Applied for Patent					
Principal Innovator										
Name			Type		Gender		Email		Contact	
Asso. Prof. Virendra Sharma			Faculty		Male		hodee@aryacollege.in		7737807978	

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

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Co-Innovator										
Name	Type	Gender	Email	Contact						
Avtar Singh	Faculty	Male	-	-						
Vikas Deep	Student	Male	-	-						
Aditya Singh	Student	Male	-	-						
Animon Swarnim	Student	Male	-	-						

GSM Based Accident Detection Car

Center of Excellency - PLC SCADA and HMI Interface	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 9912</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 9912	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No
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0																				

Principal Innovator										
Name	Type	Gender	Email	Contact						
Asso. Prof. Indranil Sarkar	Faculty	Male	hodee@aryacollege.in	7737807978						

Co-Innovator										
Name	Type	Gender	Email	Contact						
Prof. (Dr.) Prabhat Kumar	Faculty	Male	hodee@aryacollege.in	7737807978						
Balram Kasniya	Faculty	Male	-	-						
Manthan Agarwal	Student	Male	-	-						

Automated Bay Car Parking System

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?											
Center of Excellency - PLC SCADA and HMI Interface	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1102 9913</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1102 9913	Year of Patent Application	2018	Completed and Ready for Commercialization/Incubation	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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1102 9913																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
0																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Prof. (Dr.) Prabhat Kumar		Faculty		Male		hodee@aryacollege.in		7737807978													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Indranil Sarkar		Faculty		Male		-		-													
Vaibhav Sharma		Faculty		Male		-		-													
Manthan Agarwal		Student		Male		-		-													
Arya Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 7268</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 7268	Year of Patent Application	2018	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No				
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1101 7268																				
Year of Patent Application	2018																				

Signage Sense

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Principal Innovator				
Name	Type	Gender	Email	Contact
Mr. Rahul Sharma	Faculty	Male	rahulsharma@engineer.com	8079064934

Co-Innovator				
Name	Type	Gender	Email	Contact
Aarti Sharma	Faculty	Female	-	-
Sachin Yadav	Student	Male	-	-
Samunder Arora	Student	Male	-	-
Vijay Jangid	Student	Male	-	-
Charulata	Student	Female	-	-
Tanvi Goswami	Student	Female	-	-

Highway Vehicular admission control system using microcontroller and FASTag

Arya Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 7267</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 7267	Year of Patent Application	2018	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No
IP / Patented Technology																	
Applied for Patent	Yes																
Patent Application No	2018 1101 7267																
Year of Patent Application	2018																

Principal Innovator				
Name	Type	Gender	Email	Contact
Prof. (Dr.) Vibhakar Pathak	Faculty	Male	vibhakar@rediffmail.com	93146073441

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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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Co-Innovator				
Name	Type	Gender	Email	Contact
Vishal Shrivastava	Faculty	Male	-	-
Aditya Jangid	Student	Male	-	-
Bhavek Trivedi	Student	Male	-	-
Ashish Jangid	Student	Male	-	-
Rahul Agarwal	Student	Male	-	-
Karan Ludhani	Student	Male	-	-

Zero Day Attack Protection for small and medium enterprise

Arya Incubation Center	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 7265</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 7265	Year of Patent Application	2018	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No	No	No
IP / Patented Technology																	
Applied for Patent	Yes																
Patent Application No	2018 1101 7265																
Year of Patent Application	2018																

Principal Innovator				
Name	Type	Gender	Email	Contact
Prof. Akhil Pandey	Faculty	Male	akhil@aryacollege.in	9829090750

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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Co-Innovator										
Name	Type	Gender	Email	Contact						
Priya Rani	Student	Female	-	-						
Rubal Preet Singh	Student	Male	-	-						
Anjaline Tirkey	Student	Female	-	-						
Rakshit Pant	Student	Male	-	-						

Automotive Development Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 1547</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 1547	Year of Patent Application	2018	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td colspan="2">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td colspan="2">0</td> </tr> </table>	Yes	No	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		0		No	No	
IP / Patented Technology																								
Applied for Patent	Yes																							
Patent Application No	2018 1103 1547																							
Year of Patent Application	2018																							
Yes	No																							
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																								
0																								

Principal Innovator										
Name	Type	Gender	Email	Contact						
Mr. Sanjay Manghnani	Faculty	Male	sanjaymanghnani.me@aryacollege.in	9829158955						

Co-Innovator										
Name	Type	Gender	Email	Contact						
Samandar Singh	Faculty	Male	-	-						
Anukalp Lavania	Student	Male	-	-						
Kaushal Yadav	Student	Male	-	-						

Seed cum Fertilizer Drill

Gravity Lamp

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Automotive Development Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2017	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1101 7720</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1101 7720	Year of Patent Application	2018	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No	
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1101 7720																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
0																					
Principal Innovator																					
Name		Type		Gender		Email		Contact													
Mr. Amit Dharnia		Faculty		Male		amitdharnia.me@aryacollege.in		9314881683													
Co-Innovator																					
Name		Type		Gender		Email		Contact													
Jitin Yadav		Faculty		Male		-		-													
Sudhir Kumar Pathak		Faculty		Male		-		-													
Ashveer Singh Rathore		Faculty		Male		-		-													
Automotive Development Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 1103 1549</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 1103 1549	Year of Patent Application	2018	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No	Wheelchair Accommodating Three Wheeler
IP / Patented Technology																					
Applied for Patent	Yes																				
Patent Application No	2018 1103 1549																				
Year of Patent Application	2018																				
Yes																					
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																					
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Principal Innovator										
Name		Type		Gender		Email		Contact		
Mr. Ritesh Mathur		Faculty		Male		riteshmathur.me@aryacollege.in		9829158955		

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

No Data Filled!

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	Pink City Energy Pvt Ltd	Mentoring	03	01-10-2018

Technology Commercialization / Transfer

No Data Filled!

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