



# 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: GOVERNMENT ENGINEERING COLLEGE - RAJKOT [ARI-C-00049]

### 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)
Government Engineering College, Rajkot, Gujarat	118395000.00	122551526.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	118395000.00	122551526.00	

**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) := 2610**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 98**

### 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 program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Innovation in structural design using computer software	Innovation	Workshop	Institute Lead Activity	Prof. S. R. Vaniya Prof. K.J.Savalia	26-02-2019 00:00:00	26-02-2019 00:00:00	1	Within Campus	60	8	0	0	68	Yes	1800
Innovation in structural analysis using computer software	Innovation	Workshop	Institute Lead Activity	Prof. K. B. Vaghela Prof. S. S. Chourushi	25-02-2019 00:00:00	25-02-2019 00:00:00	1	Within Campus	60	9	0	0	69	Yes	1800
Entrepreneur ship and Innovation Workshop	Entrepreneur ship/Startup	Workshop	Institute Lead Activity	Prof. R K Shukla	21-08-2018 00:00:00	21-08-2018 00:00:00	1	Within Campus	55	6	0	0	61	Yes	1720
Guidelines on startup and Entrepreneur ship	Entrepreneur ship/Startup	Seminar	Institute Lead Activity	Prof. R. L. Patel	09-08-2018 00:00:00	09-08-2018 00:00:00	1	Within Campus	60	7	0	0	67	Yes	17500

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

Innovation through IoT	Innovation	Workshop	Institute Lead Activity	Prof. Chintan Varnagar Prof. Sanjay Bhandari	10-08-2018 00:00:00	10-08-2018 00:00:00	1	Within Campus	80	7	0	0	87	Yes	1600
Technique for product optimization of industry base problem by ANSYS	Innovation	Workshop	Institute Lead Activity	Prof. R. L. Patel	13-08-2018 00:00:00	14-08-2018 00:00:00	2	Within Campus	36	4	0	0	40	Yes	1600
Innovation in Concrete Technology	Innovation	Seminar	Institute Lead Activity	Prof. S. R. Vaniya Prof. S.S.Chourushi	21-07-2018 00:00:00	21-07-2018 00:00:00	1	Within Campus	100	6	0	0	106	Yes	4000
Student Sensitization Programme for SSIP	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Prof. Prashant Mehta	20-07-2018 00:00:00	20-07-2018 00:00:00	1	Within Campus	230	34	0	0	264	Yes	20925
SSIP Student Sensitization Workshop to First semester Student	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Prof. H. M. Rathod	07-07-2018 00:00:00	07-07-2018 00:00:00	1	Within Campus	210	18	0	0	228	Yes	16250
SSIP Student Sensitization Seminar	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Prof. D. R. Bhojani	05-07-2018 00:00:00	05-07-2018 00:00:00	1	Within Campus	280	32	0	0	312	Yes	1000

### 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)
Entrepreneurship Development	Entrepreneurship/Startup	Faculty Development Program	EDII Ahmedabad	Govt. Agency (State)	07-01-2019 00:00:00	11-01-2019 00:00:00	5	0	1	1	No	---	---	No	---

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

No Data Filled!

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

Name of Centre	Type of Facility	Year of Facility	Facility Location /	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either	Had institute Generated Income either from
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### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

		Creation	Address			from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Services Offered by Pre-Incubation & Incubation Centre/Facilities?
SSIP Pre Incubation Center	Pre-Incubation Centre	2018	B-005, Government Engineering College, Rajkot	<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Prof. R G Mehta</div> <div>ravigmehta@gmail.com</div> <div>9879271981</div>	<div>250 Sq. Mtr.</div> <div> <div>Yes</div> <div> <div>Annual Capital Expenditure (In Rupees)</div> <div>255707</div> </div> <div> <div>Annual Operational Expenditure (In Rupees)</div> <div>0</div> </div> </div>	No

### 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)
SSIP Pre Incubation Center	Funding Agency	SSIP Gujarat	Govt. Agency (State)	Yes	2000000

### 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?
Portable Weight Measuring Device	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>51346</div> </div>	No	No

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

	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Yadav Vishal A		Student		Male		mrsndevendra4812@gmail.com		9979891166	
IoT BASED ACCIDENT PRONE DEVICE	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 5450	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Dhanani Hardik Ashokbhai		Student		Male		jaypandya18@gmail.com		9408400003	
IOT theft detection using Raspberry PI	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 8000	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Burhanuddin Makda		Student		Male		diet.ec.hod@gmail.com		9427564766	

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

IOT BASED UNIVERSAL DATALOGGER	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								18725		
								Principal Innovator		
Name				Type		Gender		Email		Contact
Makadiya Ankita p				Student		Female		diet.ec.hod@gmail.com		9427564766

Design and fabrication of worm gear test rig to investigate non dependent power loss.	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								117634		
								Principal Innovator		
Name				Type		Gender		Email		Contact
Zain Lotiya				Student		Male		chothanihardik@yahoo.com		9687604267

Dynamic Advertising System	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								28630		

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

	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Songara Arvind		Student		Male		chvgec@gmail.com		9374836390	
Automatic Solar Cleaning Mechanism	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>88391</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
HAND TALK ASSISTIVE TECHNOLOGY FOR DUMB AND DEAF PEOPLE	Jugal Rathod		Student		Male		diet.ec.hod@gmail.com		9099276887	
	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>5400</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Atul Maru		Student		Male		prpandya.4@gmail.com		8866364195	

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

Human Detection, Identification and Counting System	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>13000</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">Dhaval Savalia</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">sdbhanderi@gmail.com</td><td>9687840282</td></tr></table>											Name				Type		Gender		Email		Contact	Dhaval Savalia				Student		Male		sdbhanderi@gmail.com		9687840282
Name				Type		Gender		Email		Contact																						
Dhaval Savalia				Student		Male		sdbhanderi@gmail.com		9687840282																						
Smart Cleaner	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>12350</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">Singh Abhilasha kumari Sunil kumar</td><td colspan="2">Student</td><td colspan="2">Female</td><td colspan="2">RDMEHTA@HOTMAIL.COM</td><td>9428412767</td></tr></table>											Name				Type		Gender		Email		Contact	Singh Abhilasha kumari Sunil kumar				Student		Female		RDMEHTA@HOTMAIL.COM		9428412767
Name				Type		Gender		Email		Contact																						
Singh Abhilasha kumari Sunil kumar				Student		Female		RDMEHTA@HOTMAIL.COM		9428412767																						
Color Detection for Visually Impaired People	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>5000</div>	No	No																						

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

	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Laiya Dhaval		Student		Male		chintan2287@gmail.com		9173160476	
Coach wise comparative train load indication and track crack detection system	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10634</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Varu Brijesh		Student		Male		sanghanirp@yahoo.com		9427666608	
F and F Security	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>9300</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Patel Namra		Student		Male		djahnvi@gmail.com		9825311823	



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

Warehouse Automation	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								28170		
								Principal Innovator		
Name			Type		Gender		Email		Contact	
Sharma Utkarsh			Student		Male		hasmukh_meec@rediffmail.com		9428037980	

GestoPi	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								11000		
								Principal Innovator		
Name			Type		Gender		Email		Contact	
Jiten Babariya			Student		Male		dhara.gec@gmail.com		9979469354	

SOLAR POWERED WATER PURIFICATION SYSTEM	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								17824		

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

	<div>Principal Innovator</div> <table><tr><th colspan="2">Name</th><th>Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="2">Zunzwadiya Harshilkumar Arvindbhai</td><td>Student</td><td colspan="2">Male</td><td colspan="2">nawaz_kureshi@yahoo.co.in</td><td colspan="2">8530333139</td></tr></table>										Name		Type	Gender		Email		Contact		Zunzwadiya Harshilkumar Arvindbhai		Student	Male		nawaz_kureshi@yahoo.co.in		8530333139	
Name		Type	Gender		Email		Contact																					
Zunzwadiya Harshilkumar Arvindbhai		Student	Male		nawaz_kureshi@yahoo.co.in		8530333139																					
Design and Development of Microstrip Patch Antenna for UWB Applications	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>11858</div>	No	No																		
<div>Principal Innovator</div> <table><tr><th colspan="2">Name</th><th>Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="2">Kalariya Sunny</td><td>Student</td><td colspan="2">Male</td><td colspan="2">namratalanghnoja@gmail.com</td><td colspan="2">9601435825</td></tr></table>											Name		Type	Gender		Email		Contact		Kalariya Sunny		Student	Male		namratalanghnoja@gmail.com		9601435825	
Name		Type	Gender		Email		Contact																					
Kalariya Sunny		Student	Male		namratalanghnoja@gmail.com		9601435825																					
Fatigue Analysis of shaft from various materials.	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>108678</div>	No	No																		
<div>Principal Innovator</div> <table><tr><th colspan="2">Name</th><th>Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="2">Dholariya Kishan</td><td>Student</td><td colspan="2">Male</td><td colspan="2">jaydeepdadhaniya@gmail.com</td><td colspan="2">9909299209</td></tr></table>											Name		Type	Gender		Email		Contact		Dholariya Kishan		Student	Male		jaydeepdadhaniya@gmail.com		9909299209	
Name		Type	Gender		Email		Contact																					
Dholariya Kishan		Student	Male		jaydeepdadhaniya@gmail.com		9909299209																					

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

Defective Piece Sorting	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>7800</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">Shamma Mansuri</td><td colspan="2">Student</td><td colspan="2">Female</td><td colspan="2">miral_meec@yahoo.co.in</td><td>7990763652</td></tr></table>											Name				Type		Gender		Email		Contact	Shamma Mansuri				Student		Female		miral_meec@yahoo.co.in		7990763652
Name				Type		Gender		Email		Contact																						
Shamma Mansuri				Student		Female		miral_meec@yahoo.co.in		7990763652																						
AUTOMATIC IRRIGATION SYSTEM	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>3800</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">Ghati Aniruddha</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">shilpa.n.chavda@gmail.com</td><td>9033049985</td></tr></table>											Name				Type		Gender		Email		Contact	Ghati Aniruddha				Student		Male		shilpa.n.chavda@gmail.com		9033049985
Name				Type		Gender		Email		Contact																						
Ghati Aniruddha				Student		Male		shilpa.n.chavda@gmail.com		9033049985																						
VISION ROBOT	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>21480</div>	No	No																						

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

	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Jha Nitishkumar M		Student		Male		punit.lathiya@gmail.com		9879875908	
Study of Properties of Concrete with Recron Fibre Admixture	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>10280</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
IOT based public transport management system	Chaudhari Vipul J.		Student		Male		pradipibhatt@yahoo.co.in		9925779900	
	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>91170</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Chauhan Khushbu		Student		Female		punit.lathiya@gmail.com		9879875908	

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

Suitability of Recycled Aggregate in Pavement Construction	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>26000</div>	No	No
Principal Innovator										
Name			Type		Gender		Email		Contact	
Jivani Bhavi			Student		Female		ashijce@gmail.com		9825713486	

IOT Based Inventory System for Stock Management	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>6850</div>	No	No
Principal Innovator										
Name			Type		Gender		Email		Contact	
Parv Shroff			Student		Male		ravigmehta@gmail.com		9879271981	

To study the effect on bearing capacity of black cotton soil by different techniques	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>9080</div>	No	No

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

	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Asodariya Smit Nitinbhai		Student		Male		dhankotmazhar@gmail.com		9099098688	
Dynamic Traffic Management System	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>17710</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
To study the effect of micro organism on fresh and hardened concrete.	Mahesh P. Kanzariya		Student		Male		ravigmehta@gmail.com		9879271981	
	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>9600</div>	No	No
	<b>Principal Innovator</b>									
	Name		Type		Gender		Email		Contact	
	Khambhayata Viraj		Student		Male		kbv.applied@gmail.com		8866334154	

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

Correlation between NDT test result and compressive strength of concrete	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>23500</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">LUNIYATAR KINJAL</td><td colspan="2">Student</td><td colspan="2">Female</td><td colspan="2">er.rajeshambaliya@gmail.com</td><td>9978204999</td></tr></table>											Name				Type		Gender		Email		Contact	LUNIYATAR KINJAL				Student		Female		er.rajeshambaliya@gmail.com		9978204999
Name				Type		Gender		Email		Contact																						
LUNIYATAR KINJAL				Student		Female		er.rajeshambaliya@gmail.com		9978204999																						
Domestic Wastewater Purification With Wood-chip And Activated Carbon	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>33000</div>	No	No																						
<div>Principal Innovator</div> <table><tr><td colspan="4">Name</td><td colspan="2">Type</td><td colspan="2">Gender</td><td colspan="2">Email</td><td>Contact</td></tr><tr><td colspan="4">Dhaval Parmar</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">krunali1988@gmail.com</td><td>9712916203</td></tr></table>											Name				Type		Gender		Email		Contact	Dhaval Parmar				Student		Male		krunali1988@gmail.com		9712916203
Name				Type		Gender		Email		Contact																						
Dhaval Parmar				Student		Male		krunali1988@gmail.com		9712916203																						
Evaluate strength properties of concrete using glass fiber	SSIP Pre Incubation Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<div>Yes</div> <div>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</div> <div>83660</div>	No	No																						

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

	Principal Innovator				
	Name	Type	Gender	Email	Contact
	kathrotiya Hardik B.	Student	Male	makwanashraddha@yahoo.com	8866839029

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

No Data Filled!
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Co-Incubation Partnership

No Data Filled!
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Technology Commercialization / Transfer

No Data Filled!
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## Declaration

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

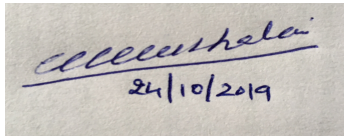
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. C. H. VITHALANI (Head of Institute) and Prof. KALPESH DUDANI (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

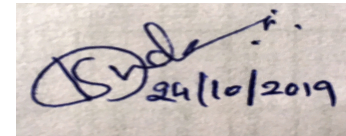
The Head of Institute



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Dr. C. H. VITHALANI  
Head of the Institution,  
GOVERNMENT ENGINEERING COLLEGE - RAJKOT,  
RAJKOT, Gujarat

Nodal officer



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Prof. KALPESH DUDANI  
Nodal Officer,  
GOVERNMENT ENGINEERING COLLEGE - RAJKOT,  
RAJKOT, Gujarat

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