



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: DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT. [ARI-C-225]

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)
Dr. S & S S GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT	62646691.00	68197076.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	62646691.00	68197076.00	

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) := 1357

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 57

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)
Expert talk on What is a Start-up and Basic aspect of Entrepreneurship	Entrepreneurship/Startup	SEMINAR	Institute Lead Activity	SSIP	10-07-2018 00:00:00	10-07-2018 00:00:00	1	Within Campus	125	10	0	0	135	Yes	5605
Expert Talk on Power of Failing and Discovering Early	Entrepreneurship/Startup	Seminar	Institute Lead Activity	SSIP	07-03-2019 00:00:00	07-03-2019 00:00:00	1	Within Campus	137	11	0	0	148	Yes	3350
Faculty Sensitization on SSIP	Entrepreneurship/Startup	Seminar	Institute Lead Activity	SSIP	04-08-2018 00:00:00	04-08-2018 00:00:00	1	Within Campus	0	45	0	0	45	No	---
Intellectual Property Rights (IPR) Awareness Seminar	IPR	SEMINAR	Institute Lead Activity	SSIP	08-10-2018 00:00:00	08-10-2018 00:00:00	1	Within Campus	70	11	0	0	81	Yes	8867

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

One day Workshop on Entrepreneurship and Startup for Beginners	Entrepreneurship/Startup	WORKSHOP	Institute Lead Activity	SSIP	25-07-2018 00:00:00	25-07-2018 00:00:00	1	Within Campus	68	7	0	0	75	Yes	5605
Sensitisation Program Conducted for 2nd and 3rd year MECH Engg Students	Innovation	Seminar	Institute Lead Activity	SSIP	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	147	0	0	0	147	No	---
Sensitisation Program Conducted for 2nd Engg Students	Entrepreneurship/Startup	seminar	Institute Lead Activity	SSIP	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	125	11	0	0	136	No	---
Sensitisation Program Conducted for 2nd Engg Students	Entrepreneurship/Startup	seminar	Institute Lead Activity	SSIP	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	97	9	0	0	106	No	---
Sensitisation Program Conducted for 2nd Year Students	Entrepreneurship/Startup	seminar	Institute Lead Activity	SSIP	09-07-2018 00:00:00	09-07-2018 00:00:00	1	Within Campus	125	10	0	0	135	No	---
sensitization programme for first year mechanical engineering students	Entrepreneurship/Startup	SEMINAR	Institute Lead Activity	SSIP	12-09-2018 00:00:00	12-09-2018 00:00:00	1	Within Campus	60	2	0	0	62	No	---
POC SCREENING	Entrepreneurship/Startup	MENTORING SESSION	Institute Lead Activity	SSIP	25-03-2019 00:00:00	25-03-2019 00:00:00	1	Within Campus	5	2	0	0	7	Yes	4467
SSIP PROJECT SCREENING	Innovation	MENTORING SESSION	Institute Lead Activity	SSIP	24-04-2019 00:00:00	24-04-2019 00:00:00	1	Within Campus	85	4	0	0	89	Yes	4122

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

STUDENT STARTUP MEET AT KCG	Entrepreneurship/Startup	MENTORING SESSION	KCG	Govt. Agency (State)	02-07-2018 00:00:00	02-07-2018 00:00:00	1	20	0	20	No	---	---	Yes	3134
INDUSTRIAL HACKATHON REGIONAL ROUND	Innovation	HACKATHON	SSIP KCG	Govt. Agency (State)	21-02-2019 00:00:00	22-02-2019 00:00:00	2	3	0	3	No	---	---	Yes	1440
INDUSTRIAL HACKATHON	Entrepreneurship/Startup	HACKATHON	SSIP, KCG	Govt. Agency (State)	20-02-2019 00:00:00	22-02-2019 00:00:00	3	24	0	24	No	---	---	Yes	19874
Festival of idea 2019	Innovation	ideation	SSIP KCG	Govt. Agency (State)	30-03-2019 00:00:00	30-03-2019 00:00:00	1	15	0	15	No	---	---	Yes	6600

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 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?												
Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	Pre-Incubation Centre	2017	ROOM NO EC 202, EC 204 ELECTRONICS AND COMMUNICATION BUILDING	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr V D Dhiman</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vddhiman@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9428052268</td> </tr> </table>	Facility Incharge Name	Dr V D Dhiman	Facility Incharge Email	vddhiman@gmail.com	Facility Incharge Phone	9428052268	417.54 Sq. Mtr.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>105639</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	105639	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr V D Dhiman																		
Facility Incharge Email	vddhiman@gmail.com																		
Facility Incharge Phone	9428052268																		
Yes																			
Annual Capital Expenditure (In Rupees)	105639																		
Annual Operational Expenditure (In Rupees)	0																		

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)
Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	Funding Agency	Government of Gujarat	Govt. Agency (Central)	Yes	200000

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)	Had the Idea/Prototype/Innovations raised any Seed fund/Angel	Had the Incubation Centre/institute received any income/revenue
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Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

								resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	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?
GARBAGE COLLECTING BOAT	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 550000	No	No
Principal Innovator										
Name				Type		Gender		Email		Contact
PRASHANT CHELANI				Student		Male		prashantchelani80@gmail.com		9714226763
TRI TYRE TRIANGULAR TROLLEY	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 19040	No	No
Principal Innovator										
Name				Type		Gender		Email		Contact
PRIYANK TADHANI				Student		Male		pktadhani49@gmail.com		9737912673

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

movable material shifter	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 30000	No	No										
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th data-bbox="300 501 857 544">Name</th> <th data-bbox="864 501 1189 544">Type</th> <th data-bbox="1196 501 1525 544">Gender</th> <th data-bbox="1532 501 1861 544">Email</th> <th data-bbox="1868 501 2206 544">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 549 857 592">RAJKUMAR SHARMA</td> <td data-bbox="864 549 1189 592">Student</td> <td data-bbox="1196 549 1525 592">Male</td> <td data-bbox="1532 549 1861 592">rajsharma003300@gmail.com</td> <td data-bbox="1868 549 2206 592">8264950345</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	RAJKUMAR SHARMA	Student	Male	rajsharma003300@gmail.com	8264950345
Name	Type	Gender	Email	Contact																
RAJKUMAR SHARMA	Student	Male	rajsharma003300@gmail.com	8264950345																
TEA WASTE MANAGEMENT	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 15000	No	No										
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th data-bbox="300 1005 857 1048">Name</th> <th data-bbox="864 1005 1189 1048">Type</th> <th data-bbox="1196 1005 1525 1048">Gender</th> <th data-bbox="1532 1005 1861 1048">Email</th> <th data-bbox="1868 1005 2206 1048">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1051 857 1094">VRAJESHKUMAR DARJI</td> <td data-bbox="864 1051 1189 1094">Student</td> <td data-bbox="1196 1051 1525 1094">Male</td> <td data-bbox="1532 1051 1861 1094">vrajeshdarji10@gmail.com</td> <td data-bbox="1868 1051 2206 1094">9904686988</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	VRAJESHKUMAR DARJI	Student	Male	vrajeshdarji10@gmail.com	9904686988
Name	Type	Gender	Email	Contact																
VRAJESHKUMAR DARJI	Student	Male	vrajeshdarji10@gmail.com	9904686988																
AUTONOMOUS RESTAURANT SYSTEM	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 55300	No	No										

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

Principal Innovator										
		Name	Type	Gender	Email	Contact				
		AMAN KUSHWAHA	Student	Male	kushwaha.aman@gmail.com	9106686943				
LOW TEMPERATURE REFRIGERATION WITH MIXED REFRIGERANT CASCADE SYSTEM	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	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)		
		SHAILESHKUMAR PARMAR	Student	Male	shaileshisgr8@gmail.com	760021086				
AERO TURBINE GENERATOR	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	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)		
		DHIRAL SAWLANI	Student	Male	dhiralsawlani28@gmail.com	9408513747				

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

AUTOMATIONS USING EEG SIGNAL	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 16000	No	No										
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th data-bbox="300 501 857 544">Name</th> <th data-bbox="864 501 1189 544">Type</th> <th data-bbox="1196 501 1525 544">Gender</th> <th data-bbox="1532 501 1861 544">Email</th> <th data-bbox="1868 501 2206 544">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 549 857 592">ARVIND PANDIT</td> <td data-bbox="864 549 1189 592">Student</td> <td data-bbox="1196 549 1525 592">Male</td> <td data-bbox="1532 549 1861 592">arvind444pandit@gmail.com</td> <td data-bbox="1868 549 2206 592">7984762382</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	ARVIND PANDIT	Student	Male	arvind444pandit@gmail.com	7984762382
Name	Type	Gender	Email	Contact																
ARVIND PANDIT	Student	Male	arvind444pandit@gmail.com	7984762382																
INTERSECTION OPERATION WITH OPTIMIZED SIGNAL CYCLE LENGTH, SIGNS AND MARKINGS FOR SMART CITY	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / Non-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) 60180	No	No										
<p>Principal Innovator</p> <table border="1"> <thead> <tr> <th data-bbox="300 1005 857 1048">Name</th> <th data-bbox="864 1005 1189 1048">Type</th> <th data-bbox="1196 1005 1525 1048">Gender</th> <th data-bbox="1532 1005 1861 1048">Email</th> <th data-bbox="1868 1005 2206 1048">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1051 857 1094">VISHAL GHEEWALA</td> <td data-bbox="864 1051 1189 1094">Student</td> <td data-bbox="1196 1051 1525 1094">Male</td> <td data-bbox="1532 1051 1861 1094">vishalheart14giwala@gmail.com</td> <td data-bbox="1868 1051 2206 1094">7574071226</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	VISHAL GHEEWALA	Student	Male	vishalheart14giwala@gmail.com	7574071226
Name	Type	Gender	Email	Contact																
VISHAL GHEEWALA	Student	Male	vishalheart14giwala@gmail.com	7574071226																
AUTOMATED SOLAR PLATE CLEANER	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2017	Non-IP / Non-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) 22670	No	No										

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

Principal Innovator										
		Name	Type	Gender	Email	Contact				
		RAJ PATEL	Student	Male	rajpatel.b.143@gmail.cmm	9879997732				
Reuse of grey water	Dr. S & S S GHANDHY, GOVERNMENT ENGG COLLEGE, SURAT	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	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) 212000		
Principal Innovator										
		Name	Type	Gender	Email	Contact				
		sharma bony s	Faculty	Male	sharmabony786@gmail.com	9537508340				

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 Prof. S R JOSHI (Head of Institute) and Mr. H A Vaidya (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
Upload Signature with Date

Prof. S R JOSHI,
Head of the Institution,
DR. S. & S. S. GHANDHY GOVERNMENT
ENGINEERING COLLEGE, SURAT.,
Surat, Gujarat

Prof. S R JOSHI
Head of the Institution,
DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.,
Surat, Gujarat

Nodal officer
Upload Signature with Date

Mr. H A Vaidya,
Nodal Officer,
DR. S. & S. S. GHANDHY GOVERNMENT
ENGINEERING COLLEGE, SURAT.,
Surat, Gujarat

Mr. H A Vaidya
Nodal Officer,
DR. S. & S. S. GHANDHY GOVERNMENT ENGINEERING COLLEGE, SURAT.,
Surat, Gujarat

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