



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: GOVERNMENT ENGINEERING COLLEGE - RAJKOT [ARI-C-00049]

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
SSIP pre incubation centre	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	2784	104	17

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201811530
Trained Innovation Ambassadors at HEI	No	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	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?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?		
1	Innovation in VLSI Domain	Innovation	Seminar	Institute Lead Activity	Government Engineering College Rajkot	12-04-2019 00:00:00	12-04-2019 00:00:00	1	Within Campus	134	6	0	0	140	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>3808</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3808	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3808																	

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

2	Summer Boot Camp for School Students	Innovation	Boot camp	Institute Lead Activity	Government Engineering College Rajkot	12-06-2019 00:00:00	17-06-2019 00:00:00	6	Within Campus	0	0	37	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6115	No
3	Basics of Startup	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Government Engineering College Rajkot	29-06-2019 00:00:00	29-06-2019 00:00:00	1	Within Campus	61	3	0	0	64	No	No	
4	Start-up opportunities in PLC & SCADA	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Government Engineering College Rajkot	06-07-2019 00:00:00	06-07-2019 00:00:00	1	Within Campus	77	4	0	0	81	No	No	
5	Innovation practices with IoT_Arduino	Innovation	Workshop	Institute Lead Activity	Government Engineering College Rajkot	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	101	7	0	0	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
6	Innovation in casting industries using solid work software	Innovation	Workshop	Institute Lead Activity	Government Engineering College Rajkot	25-07-2019 00:00:00	26-07-2019 00:00:00	2	Within Campus	50	2	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
7	Awareness about innovative techniques for safety against disaster due to fire	Innovation	Workshop	Institute Lead Activity	Government Engineering College	09-07-2019 00:00:00	09-07-2019 00:00:00	1	Within Campus	136	5	0	0	141	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5580	No
8	Workshop on Automation	Innovation	Workshop	Institute Lead Activity	Government Engineering College Rajkot	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	49	2	0	0	51	No	No	
9	Massive Growth Potential Seminar	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Government Engineering College Rajkot	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	55	2	0	0	57	No	No	

Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

10	Workshop on innovative practices in building planning using Auto-CAD	Innovation	Workshop	Institute Lead Activity	Government Engineering College Rajkot	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Within Campus	50	4	0	0	54	No	No
11	Innovation Technique Use for the Modeling of Building Information Using Autodesk REVIT	Innovation	Seminar	Institute Lead Activity	Government Engineering College Rajkot	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	50	3	0	0	53	No	No
12	Idea Competition	Entrepreneurship/Startup, Innovation	Ideation	Institute Lead Activity	Government Engineering College Rajkot	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	348	12	7	1	368	No	No

Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	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 activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research						
1	Rajkot Smart city Hackathon 2020	Entrepreneurship/Startup	Hackathon	Rajkot Municipal Corporation	Govt. Agency (State)	23-01-2020 00:00:00	25-01-2020 00:00:00	3	31	5	36	Yes	5th Rank	Building Energy Management System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>5th Rank</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Building Energy Management System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	5th Rank	Title of Innovation / Start-up Secured the Award / Recognition	Building Energy Management System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	5th Rank																					
Title of Innovation / Start-up Secured the Award / Recognition	Building Energy Management System																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
2	Smart Gujarat for New India Hackathon 2019-20	Entrepreneurship/Startup	Hackathon	SSIP Gujarat	Govt. Agency (State)	24-02-2020 00:00:00	25-02-2020 00:00:00	2	51	11	62	No	---	---	No	No						

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

No Data Filled!

List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

No Data Filled!

List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	Prof. Dhaval R Bhojani	Electronics and Communication	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	Prof. Prakash M Pithadiya	Instrumentation and Control	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)

List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

No Data Filled!

List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	SSIP Pre Incubation Centre	Tinkering Lab	2018	Co-working Space,3D Printing & Prototype Equipment	Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <th>Facility Incharge Name</th> <td>Prof Ravi G Mehta</td> </tr> <tr> <th>Facility Incharge Email</th> <td>ravigmehta@gmail.com</td> </tr> <tr> <th>Facility Incharge Phone</th> <td>9879271981</td> </tr> </table>	Facility Incharge Name	Prof Ravi G Mehta	Facility Incharge Email	ravigmehta@gmail.com	Facility Incharge Phone	9879271981	0	Yes	No	No
Facility Incharge Name	Prof Ravi G Mehta																
Facility Incharge Email	ravigmehta@gmail.com																
Facility Incharge Phone	9879271981																

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?						
1	Siemens Centre of Excellence	2016	Pre-Incubation, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof D H Makwana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodic@gecr.ajkot.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>92272 51812</td> </tr> </table>	Facility Incharge Name	Prof D H Makwana	Facility Incharge Email	hodic@gecr.ajkot.ac.in	Facility Incharge Phone	92272 51812	0	No	No	No
Facility Incharge Name	Prof D H Makwana														
Facility Incharge Email	hodic@gecr.ajkot.ac.in														
Facility Incharge Phone	92272 51812														

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Cell	2018	Pre-Incubation, Centre of Excellence with Advance Tools		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Prof Balvant J Makwana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>balvantmakwana@gecrajkot.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99741 0938</td> </tr> </table>	Facility Incharge Name	Prof Balvant J Makwana	Facility Incharge Email	balvantmakwana@gecrajkot.ac.in	Facility Incharge Phone	99741 0938	0	Yes	No	No
Facility Incharge Name	Prof Balvant J Makwana														
Facility Incharge Email	balvantmakwana@gecrajkot.ac.in														
Facility Incharge Phone	99741 0938														

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

No Data Filled!

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	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 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI 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 2019																				
1	Solar powered water purification system	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No																				
<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>ZUNZWADIYA HARSHILKUMAR ARVINDBHAI</td> <td>Student</td> <td>Male</td> <td>harshil.gajjar102@gmail.com</td> <td>9537453231</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	ZUNZWADIYA HARSHILKUMAR ARVINDBHAI	Student	Male	harshil.gajjar102@gmail.com	9537453231										
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ZUNZWADIYA HARSHILKUMAR ARVINDBHAI	Student	Male	harshil.gajjar102@gmail.com	9537453231																													
<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>DABHI SANJAYBHAI NATHUBHAI</td> <td>Student</td> <td>Male</td> <td>sanjaydabhi05@gmail.com</td> <td>9624180344</td> </tr> <tr> <td>RATHOD VIPUL PARSHOTTAMBHAI</td> <td>Student</td> <td>Male</td> <td>rvipul444@gmail.com</td> <td>9737077783</td> </tr> <tr> <td>GAMIT YOHANKUMAR RAVINBHAI</td> <td>Student</td> <td>Male</td> <td>yohangamit9029@gmail.com</td> <td>8780178411</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	DABHI SANJAYBHAI NATHUBHAI	Student	Male	sanjaydabhi05@gmail.com	9624180344	RATHOD VIPUL PARSHOTTAMBHAI	Student	Male	rvipul444@gmail.com	9737077783	GAMIT YOHANKUMAR RAVINBHAI	Student	Male	yohangamit9029@gmail.com	8780178411
Name	Type	Gender	Email	Contact																													
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RATHOD VIPUL PARSHOTTAMBHAI	Student	Male	rvipul444@gmail.com	9737077783																													
GAMIT YOHANKUMAR RAVINBHAI	Student	Male	yohangamit9029@gmail.com	8780178411																													
2	solar pestisid spreyar	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No																				
<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>JOSHI VISHALKUMAR JAYANTIBHAI</td> <td>Student</td> <td>Male</td> <td>vishaljoshi.vj36motigop@gmail.com</td> <td>9904253975</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	JOSHI VISHALKUMAR JAYANTIBHAI	Student	Male	vishaljoshi.vj36motigop@gmail.com	9904253975										
Name	Type	Gender	Email	Contact																													
JOSHI VISHALKUMAR JAYANTIBHAI	Student	Male	vishaljoshi.vj36motigop@gmail.com	9904253975																													

Name		Type			Gender		Email			Contact			
KADAVALA MUKUND ARJAN		Student			Male		160200119028@gecrajkot.ac.in			8141682572			
KAPADIYA DHAVAL LALJIBHAI		Student			Male		dhavalkapadiya2607@gmail.com			9426623326			
3	design and fabricate hydraulic fork lift ladder	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	GOSAI JAYGIRI VIJAYGIRI		Student			Male		jaygosai313@gmail.com			7048428513		
Name		Type			Gender		Email			Contact			
BHUT VISHALKUMAR RAMESHBHAI		Student			Male		vishalbhut9616@gmail.com			7874222170			
4	SHAFT FATIGUE TESTING MACHINE	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 108678	No	No
	Name		Type			Gender		Email			Contact		
	DHOLARIYA KISHAN UMESHLAL		Student			Male		dk.dholariya1998@gmail.com			8469055699		
	Name		Type			Gender		Email			Contact		
	CHOVATIYA HEMAL DINESH		Student			Male		chovatiyahemal777@gmail.com			7359319397		
GHONIYA VATSAL DHIRUBHAI		Student			Male		ghoniyav@gmail.com			9512677100			
CHOVATIYA KEYURKUMAR ODHAVJIBHAI		Student			Male		keyurchovatiya007@gmail.com			9429169451			
5	Electromagnetic Braking system	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
PANDEY SATYAM RAMAKANT		Student			Male		satyampany111@gmail.com			9978517401			
Name		Type			Gender		Email			Contact		6	

Four wheel steering mechanism	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
GAMI MILAN MANSUKHBHAI	Student	Male	gamimilan888@gmail.com	9687416463		

7	Zero degree turning radius and easy parking with 5th wheel arrangement	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
RISHIRAJ VADHER	Student	Male	rishirajvadher@gmail.com	7265001738

Name	Type	Gender	Email	Contact	8
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Front wheel steering system with movable Headlights	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name	Type	Gender	Email	Contact	Name	Email
SANKET YADAV	Student	Male	ysanket5@gmail.com	7015750620		

9	Design of System for Utilization of air conditioner waste water in vehicle	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
KUMBHARVADIYA RAJESH JIVANBHAI	Student	Male	rajeshkumbharvadiya@gmail.com	8000411118

Name	Type	Gender	Email	Contact	10
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Integrated Jacking system	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name	Type	Gender	Email	Contact
JADEJA PRADEEPSINH BHUPENDRASINH	Student	Male	pradeepsinh12@gmail.com	8758573298

Name	Email
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11	Evaluation of mixed feedstock biodiesel and diesel blend as fuel	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
RAKHOLIYA MOHIL KANTILAL	Student	Male	mohilrakholiya75@gmail.com	7405492551

Name	Type	Gender	Email	Contact
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Plastic to Bio diesel	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name	Type	Gender	Email	Contact
BHAVIT TRIVEDI	Student	Male	trivedibhavit@gmail.com	7990420133

Name	Type	Gender	Email	Contact
SHIVAM TRIVEDI	Student	Male	shivamtrivedi27899@gmail.com	9726633223
URMIK KANJARIA	Student	Male	urm.utv@gmail.com	7202832004
CHIRAG NAKUM	Student	Male	chiragnakum015@gmail.com	8460000870

Artificial Intelligence based D C Motor Modelling	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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12

13

Name		Type		Gender		Email		Contact					
Keyur J. Vadadoriya		Student		Male		keyurv945@gmail.com		9624078441					
Name		Type		Gender		Email		Contact					
Hirenbhai R. Savaliya		Student		Male		hirensavaliya13799@gmail.com		9558617518					
Prahadsinh K. Rathod		Student		Male		rathodprahadsinh97@gmail.com		8980509389					
Vehicle air conditioning system using CNG Refrigerant	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Trivedi Adam		Student		Male		trivediadam949@gmail.com		8866162455					
15	MV 8 Engine	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	
	Name		Type		Gender		Email		Contact				
Aashish Pundir		Student		Male		aashishpundir@gmail.com		6353905752					
Name		Type		Gender		Email		Contact					
Hill decent control system		Product Innovation		Technological			Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No
Name		Type		Gender		Email		Contact					
Jaimin H hirani		Student		Male		Jaimin112598@gmail.com		8780724920					
Name		Type		Gender		Email		Contact					
Nihar vaghela		Student		Male		Vaghelanihar123@gmail.com		7698759533					
Sachin Nagdev		Student		Male		Sachinnagdev88@gmail.com		9265321251					

14

Name
Email

No

16

17

Low cost air conditioner with secondary refrigerant	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name		Type		Gender		Email			Contact		Name	Email
UPENDRA KUMAR		Student		Male		upendra654kumar987@gmail.com			7819975779			

18	Fabrication of efficient solar dryer	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name		Type		Gender		Email			Contact	
BHATT DEVANG PRAVINKUMAR		Student		Male		160200119002@gecrajkot.ac.in			9726214647	

Name		Type		Gender		Email			Contact		19
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Pneumatic sheet metal cutting machine	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No	
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Name		Type		Gender		Email			Contact		Name	Email
DABHI HITEN MAHENDRABHAI		Student		Male		dabhijeemain@gmail.com			8347487823			

20	High strength bacterial concrete using industrial waste	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name		Type		Gender		Email			Contact	
Dabhi Kalpesh D.		Student		Male		dabhikalpesh@gmail.com			9099708549	

Name	Type	Gender	Email	Contact
Mohmad Dodhiya	Student	Male	mhmaddodhaya0@gmail.com	9426416753
Zala Mahipalsih	Student	Male	zalamahipal@gmail.com	9714520830

21	Stability of use of plastic waste in construction of flexible pavement	Process Innovation	Technological	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Bhavi Jivani	Student	Female	bhjivani1099@gmail.com	7990800799

Name	Type	Gender	Email	Contact
Nikita Patel	Student	Female	nikita.patel101296@gmail.com	7046254752

22	Design of rain water harvesting system in civil department GECR	Process Innovation	Technological	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Vamja Pratik	Student	Male	pratikvamja999@gmail.com	8320746965

Name	Type	Gender	Email	Contact
Sagpariya karan	Student	Male	karansagpariya75671@gmail.com	7069718004
Olakiya ajit	Student	Male	Okajit666@gmail.com	8758381151

23	Sanskritik tiles	Product Innovation	Non-Technological / Social / Community Innovation	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Jeet Vaghela	Student	Male	jeetvaghela9@gmail.com	8155819109

Waste water treatment using construction wetland	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact				
Haard Doshi		Student		Male		haardbdoshi47@gmail.com		9428264190				
Name		Type		Gender		Email		Contact				
Dhruv V. Kalariya		Student		Male		kalariyadhruv333@gmail.com		9714889572				
Optical character recognizer	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact				
Chelsea		Student		Female		chelseatripathi@gmail.com		9426318176				
Name		Type		Gender		Email		Contact				
Bhavin Dhandhukiya		Student		Male		bhavindhandhukiya@gmail.com		7878578225				
ARM based button shorting machine using image processing	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact				
BAKRANIYA ROHAN R		Student		Male		rohangajjar02@gmail.com		9424123076				
Name		Type		Gender		Email		Contact				
KANZARIA RAJESH D		Student		Male		rjkanz23@gmail.com		8000813479				
Automated waste segregation	Process Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No

Name		Type	Gender	Email	Contact
MOHIT JETHVA		Student	Male	Jethvamohit23@gmail.com	9586731042

Name		Type	Gender	Email	Contact
PRATIK GORVADIYA		Student	Male	pratikgorvadiya@gmail.com	7359363564

Smart Flower solar system	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name		Type	Gender	Email	Contact
Patel Jahanvi		Student	Female	pateljahanvi434@gmail.com	8469324921

Name		Type	Gender	Email	Contact
Nakum Dimple		Student	Female	dsnakum224@gmail.com	9898127926

Drone based medical facility	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Dropped	No	No	No	No	No
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Name		Type	Gender	Email	Contact
Dhandhukiya Alpesh		Student	Male	dhandhukiyaalpesh17@gmail.com	9016583671

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List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

No Data Filled!

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data Filled!

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

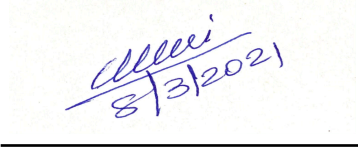
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. 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.

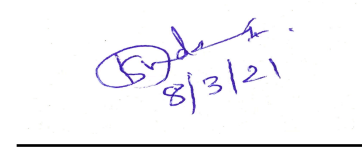
Thank you

The Head of Institute



Dr. C. H. VITHALANI
Head of the Institution,
RAJKOT, Gujarat

Nodal officer



Prof. KALPESH DUDANI
Nodal Officer,
RAJKOT, Gujarat