



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: MVSR Engineering College [ARI-C-25615]

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)
Research Center	Research Unit / Park	Mechanical, Computer science and Electronics and Communications	UG / PG / PhD	Technical	2177	102	38
Industry Institute Interface Unit	Industry Institute Interface Unit	AED, CED, CSE, ECED, EEED, MED, ITD, MBA	UG / PG / PhD	Technical	4024	236	164
Academic Department with Lab Facility	Academic Department with lab facility	AED, CED, CSE, EEED, ECED, ITD, MECH, MBA	UG / PG / PhD	Technical	4024	236	164

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	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810319
Trained Innovation Ambassadors at HEI	Yes	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)	Yes	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?
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Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Establishing startup regulations and procedures"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Electronics and Communication Engineering Department	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	96	0	0	0	96	No	No
2	National Level Awareness Program in association with Khadi and Village Industries	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Maturi Venkata Subba Rao Engineering College-Institution Innovation Council (IIC)	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	172	20	0	5	197	No	No
3	GUEST LECTURE ON SUSTAINABLE PRACTICES IN CONSTRUCTION	Innovation	Seminar	Institute Lead Activity	Department of Civil Engineering	20-01-2020 00:00:00	20-01-2020 00:00:00	1	Within Campus	24	2	0	0	26	No	No
4	APPLICATION OF ARTIFICIAL NEURAL NETWORKS IN WATER RESOURCES ENGINEERING BY Dr. SRINIVAS RAJU	Innovation	Seminar	Institute Lead Activity	Civil Engineering Department	18-07-2019 00:00:00	18-07-2019 00:00:00	1	Within Campus	74	2	0	0	76	No	No
5	RECENT TRENDS IN GEOTECHNICAL ENGINEERING INVESTIGATIONS	Innovation	Seminar	Institute Lead Activity	Civil Engineering Department	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	89	2	0	0	91	No	No

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

6	Auto-Cognizance Technical Festival	Innovation	Exhibition	Institute Lead Activity	Mechanical Engineering, Automobile Engineering and Electrical and Electronics Engineering Departments of MVSREC	07-03-2020 00:00:00	09-03-2020 00:00:00	3	Within Campus	95	20	70	10	195	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	275000	No
7	IEEE Student Branch Officer Training	Innovation	Training	Institute Lead Activity	MVSR IEEE Student Branch	04-07-2019 00:00:00	04-07-2019 00:00:00	1	Within Campus	28	2	0	0	30		No	No
8	Exploring and Understanding of IEEE Journals	Innovation	Seminar	Institute Lead Activity	MVSR IEEE Student Branch	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	115	3	0	0	118	No	No	
9	Jal Divas-Water Conversation-Competition College lead activity	Innovation	Innovation Contest	Institute Lead Activity	PES IEEE MVSR SB	22-07-2019 00:00:00	22-07-2019 00:00:00	1	Within Campus	41	0	0	0	41	No	No	
10	Workshop on Power Electronics Application in Renewable Energy using MATLAB and IOT	Innovation	Workshop	Institute Lead Activity	PES IEEE MVSR Student Branch	19-09-2019 00:00:00	21-09-2019 00:00:00	3	Within Campus	50	0	0	0	50	No	No	
11	CODIGO 2020	Innovation	Innovation Contest	Institute Lead Activity	CS IEEE MVSR Student Branch	03-03-2020 00:00:00	04-03-2020 00:00:00	2	Within Campus	50	1	0	0	51	No	No	
12	HACKAT HON 2020	Innovation	Hackathon	Institute Lead Activity	CS IEEE MVSR Student Branch	03-03-2020 00:00:00	04-03-2020 00:00:00	2	Within Campus	39	3	6	3	51	No	No	
13	Expert Lecture on "Agile Software Development"	Innovation	Seminar	Institute Lead Activity	CSI-Computer Science and Engineering of MVSREC	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	30	6	0	0	36	No	No	

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

14	MVSR-NRSC HACKATHON	Innovation	Exhibition	Institute Lead Activity	CSI-Computer Science and Engineering of MVSREC	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	35	6	0	0	41	No	No	
15	A Workshop on "Research articles writing & Publications" with Hands-on Latex	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering of MVSREC	17-08-2019 00:00:00	18-08-2019 00:00:00	2	Within Campus	50	6	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
16	One Day Workshop on "Virtualization & VMWare Tools"	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	CSI-Computer Science and Engineering of MVSREC	20-01-2020 00:00:00	20-01-2020 00:00:00	1	Within Campus	28	5	0	0	33	No	No	
17	Menstrual Hygiene Workshop & Digital Literacy at Nadergul GOVT School	Entrepreneurship/Start-up	Awareness	Institute Lead Activity	CSI-Computer Science and Engineering of MVSREC	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Outside Campus	30	6	0	0	36	No	No	
18	FUSION 2020 National Level Technical Symposium	Innovation	Exhibition	Institute Lead Activity	CSI-Computer Science and Engineering of MVSREC	12-02-2020 00:00:00	13-02-2020 00:00:00	2	Within Campus	214	0	86	0	300	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	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	Technical Hackathon	Innovation	Hackathon	Smart Bridge	Corporate / Industry Association	24-06-2019 00:00:00	26-06-2019 00:00:00	3	1	0	1	No	---	---	No	No
2	Kalam Bharat	Entrepreneurship/Start-up	Awareness	Kalam Bharat Yuva thirang	Govt. Agency (Central)	05-07-2019 00:00:00	17-10-2019 00:00:00	10	1	0	1	No	---	---	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

3	India Innovation Challenge Contest 2019	Innovation	Innovation Contest	TEXAS INSTRUMENTS	Corporate / Industry Association	05-08-2019 00:00:00	11-11-2019 00:00:00	99	1	0	1	No	---	---	No	No						
4	VIRTUAL HACKATHON-MOBILE PHONE TRACKING SYSTEM	Innovation	Hackathon	A.D PATEL INSTITUTE OF TECHNOLOGY	Educational Institute	03-08-2019 00:00:00	05-08-2019 00:00:00	3	1	0	1	No	---	---	No	No						
5	ServiceNow Hackathon	Innovation	Hackathon	ServiceNow	Corporate / Industry Association	28-08-2019 00:00:00	28-08-2019 00:00:00	1	1	0	1	Yes	Third Place Secured	College Audit System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Third Place Secured</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>College Audit System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Third Place Secured	Title of Innovation / Start-up Secured the Award / Recognition	College Audit System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Third Place Secured																					
Title of Innovation / Start-up Secured the Award / Recognition	College Audit System																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
6	Hackathon on Cybersecurity	Innovation	Hackathon	MGIT in association with JHUB	Educational Institute	20-12-2019 00:00:00	21-12-2019 00:00:00	2	1	0	1	No	---	---	No	No						
7	Cognizant MasterCode 2019 Hackathone	Innovation	Hackathon	Cognizant Bangalore	Corporate / Industry Association	27-07-2019 00:00:00	27-07-2019 00:00:00	1	1	0	1	Yes	Finalist Team	Shop Floor Management System	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist Team</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Shop Floor Management System</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Finalist Team	Title of Innovation / Start-up Secured the Award / Recognition	Shop Floor Management System	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Finalist Team																					
Title of Innovation / Start-up Secured the Award / Recognition	Shop Floor Management System																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					

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

8	SAE INDIA - E BAJA Competition	Innovation	Innovation Contest	BAJA SAE India	Corporate / Industry Association	22-01-2020 00:00:00	26-01-2020 00:00:00	5	5	2	7	Yes	8th Place at Nationals	TEAM EGNITORS Ranked 8th Place-Reward amount of 50000 achieved	Total Total Expense Amount Incurred by Institute? (In Rupees)	334000	Award / Position / Recognition Secured	8th Place at Nationals	Title of Innovation / Start-up Secured the Award / Recognition	TEAM EGNITORS Ranked 8th Place-Reward amount of 50000 achieved	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
9	Quade Bike Design Challenge 2020	Innovation	Innovation Contest	FMAE (Fraternity of Mechanical and Automobile Engineers) 2020	Corporate / Industry Association	07-02-2020 00:00:00	11-02-2020 00:00:00	5	25	2	27	Yes	All India 4th Position	Recognition received	Total Total Expense Amount Incurred by Institute? (In Rupees)	100000	Award / Position / Recognition Secured	All India 4th Position	Title of Innovation / Start-up Secured the Award / Recognition	Recognition received	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
10	FMAE E-Baja 2020	Innovation	Innovation Contest	Fraternity of Mechanical and Automobile Engineers	Corporate / Industry Association	22-02-2020 00:00:00	26-02-2020 00:00:00	5	27	2	29	Yes	All India 1st Place	Award received 60,000	No		Award / Position / Recognition Secured	All India 1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Award received 60,000	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

11	INTERNATIONAL CONFERENCE ON COMPUTING COMMUNICATION AND ELECTRICAL TECHNOLOGIES	Innovation	Conference	Institute for Engineering Research in Publication (IFERP)	Non-Govt. Agencies	29-08-2019 00:00:00	30-08-2019 00:00:00	2	0	1	1	Yes	Best Paper Award	Fuzzy Logic Controller for Three Level NPC Inverter to modified DTC SVM Induction Motor	No	Award / Position / Recognition Secured	Best Paper Award
																Title of Innovation / Start-up Secured the Award / Recognition	Fuzzy Logic Controller for Three Level NPC Inverter to modified DTC SVM Induction Motor
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electronic and Communication Engineering Department	08-07-2019	09-11-2019	125	Offline	118	32
2	Start-Up Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	M B A (Masters in Business Administration)	06-02-2020	30-05-2020	115	Online	30	35
3	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Information Technology Engineering (IT) Department	15-07-2019	02-11-2019	111	Offline	90	42
4	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Computer Science Engineering Department	08-07-2019	09-11-2019	125	Offline	199	39

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Academic Research in Engineering for Industry and Patents	IPR	FDP in I&E / IPR	MVSR Engineering College- Institution Innovation Council (IIC)	01-06-2020	05-06-2020	5	Online	119	30

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)

No Data Filled!

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	EDC Club	Idea Club	2018	3D Printing	Innovation Labs	1	K. Sadhvik Reddy	sadhvikareddy21@gmail.com	9949072501

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	Research & Development Innovation Lab	Tinkering Lab	2018	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. M. Madhavi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>madhavi_mech@mvsec.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9642043570</td> </tr> </table>	Facility Incharge Name	Dr. M. Madhavi	Facility Incharge Email	madhavi_mech@mvsec.edu.in	Facility Incharge Phone	9642043570	3	Yes	No	Yes
Facility Incharge Name	Dr. M. Madhavi																
Facility Incharge Email	madhavi_mech@mvsec.edu.in																
Facility Incharge Phone	9642043570																
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)								
Institute's Own Fund / Resource			MVSr Engineering college			Educational Institute			1010140								
2	Research and Development Laboratory Unit	Maker's Space	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mrs.S. Aruna</td> </tr> <tr> <td>Facility Incharge Email</td> <td>saruna_ece@mvsrec.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9704231417</td> </tr> </table>	Facility Incharge Name	Mrs.S. Aruna	Facility Incharge Email	saruna_ece@mvsrec.edu.in	Facility Incharge Phone	9704231417	3	Yes	No	Yes
Facility Incharge Name	Mrs.S. Aruna																
Facility Incharge Email	saruna_ece@mvsrec.edu.in																
Facility Incharge Phone	9704231417																

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)

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Institute's Own Fund / Resource		MVSR Engineering College		Educational Institute		1657000									
3	MODROB-Modernization and Removable of Obsolescence	Maker's Space	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	3	Yes	No	Yes					
						<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Kandasamy Jaya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kandaswamy_mech@mvsrec.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9441346022</td> </tr> </table>	Facility Incharge Name	Dr. Kandasamy Jaya	Facility Incharge Email	kandaswamy_mech@mvsrec.edu.in	Facility Incharge Phone	9441346022			
Facility Incharge Name	Dr. Kandasamy Jaya														
Facility Incharge Email	kandaswamy_mech@mvsrec.edu.in														
Facility Incharge Phone	9441346022														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Funding Agency		AICTE		Govt. Agency (Central)		900000									
4	MODROB-Modernization and Removable of Obsolescence	Maker's Space	2019	3D Printing & Prototype Equipment	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	2	Yes	No	Yes					
						<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Chepur i Samson</td> </tr> <tr> <td>Facility Incharge Email</td> <td>samsn_cse@mvsrec.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9885488343</td> </tr> </table>	Facility Incharge Name	Dr. Chepur i Samson	Facility Incharge Email	samsn_cse@mvsrec.edu.in	Facility Incharge Phone	9885488343			
Facility Incharge Name	Dr. Chepur i Samson														
Facility Incharge Email	samsn_cse@mvsrec.edu.in														
Facility Incharge Phone	9885488343														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Funding Agency		AICTE		Govt. Agency (Central)		1937000									

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

No Data Filled!

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

No Data Filled!

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	Contact type soap Dispenser	Product Innovation	Technological	MVSR Engineering College	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>MVSR Engineering College</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Appreciation from Management</td> </tr> </table>	Agency Name	MVSR Engineering College	Agency Type	Educational Institute	Award / Position / Recognition Secured	Appreciation from Management	No	No	No	No
Agency Name	MVSR Engineering College																		
Agency Type	Educational Institute																		
Award / Position / Recognition Secured	Appreciation from Management																		
				<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>N. Basker</td> <td>Faculty</td> <td>Male</td> <td>bhaskerkumar.003@gmail.com</td> <td>8919016845</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	N. Basker	Faculty	Male	bhaskerkumar.003@gmail.com	8919016845				
Name	Type	Gender	Email	Contact															
N. Basker	Faculty	Male	bhaskerkumar.003@gmail.com	8919016845															

Name		Type				Gender			Email			Contact		
R. Ravi kumar		Faculty				Male			rravikumar_mech@mvsrec.edu.in			9642421214		
2	Brain Computer Interaction	Process Innovation	Technological	MVSR Engineering College	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs	25000	Yes	No
	Name		Type				Gender			Email			Contact	
J.SOWJANYA		Faculty				Female			sowjanya_it@mvsrec.edu.in			9848439983		
Name		Type				Gender			Email			Contact		
3	Farm Tech	Product Innovation	Technological	MVSR Engineering College	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs	12000	Yes	No
	Name		Type				Gender			Email			Contact	
M. Nikhil		Student				Male			nikhil.madduru01@outlook.com			9515361050		
Name		Type				Gender			Email			Contact		
4	CH. Srujana		Faculty				Female			srujana_it@mvsrec.edu.in			9951331616	
	D.C-A.C System	Product Innovation	Technological	MVSR Engineering College	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	20000	Yes	No
Name		Type				Gender			Email			Contact		
Mr.C.V.G.K.RaO		Faculty				Male			cvgk_eee@mvsrec.edu.in			9949221355		
Name		Type				Gender			Email			Contact		
5	B. Kavya		Student				Female			buchikandakavya24@gmail.com			7337092930	
	A. Vinod		Student				Female			vinodakavkavk@gmail.com			7416902690	

Design of Four quadrant chopper for energy conservation in DC drives	Product Innovation	Technological	MVSR Engineering College	Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs	24000	Yes	No
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Name	Type	Gender	Email	Contact
Dr.D.V.M.Chary	Faculty	Male	venumadhav_eee@mvsrec.edu.in	9866175990

Name	Type	Gender	Email	Contact
Y.Sirisha	Student	Female	shirisha.yeddla123@gmail.com	9515856352
A. Varshita	Student	Female	varshita.arikeri99@gmail.com	9542503910
G. Prasanna Kumar	Student	Male	prasu4922251@gmail.com	9849267640

Fleet Tracking Using Raspberry Pi	Product Innovation	Technological	MVSR Engineering College	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	10000	Yes	No
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Name	Type	Gender	Email	Contact
Pasupulate Shalini	Faculty	Female	shalinip_cse@mvsrec.edu.in	9030103631

7	Design and Fabrication of Glass Cutter and Water Sprinkler	Product Innovation	Technological	MVSR Engineering College	Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	Grant Amount in Rs	20000	Yes	No
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Name	Type	Gender	Email	Contact
Mr. M. Pandarinath	Faculty	Male	pandarinath_auto@mvsrec.edu.in	9032297252

Name	Type	Gender	Email	Contact

Name
Email

8

Solar Absorption Cooling System	Product Innovation	Technological	Mechanical R & D Innovations Laboratory	Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	20000	Yes	No	
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Name	Type	Gender	Email	Contact	Name	Email
S. V. Narashmha Rao	Faculty	Male	narasimharao_mech@mvsrec.edu.in	9848361851		

9	Intelligent Automobile Brake Health Monitoring using Images of Brake Disc	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	20000	Yes	No
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Name	Type	Gender	Email	Contact
Dr. M. Madhavi	Faculty	Female	madhavi_mech@mvsrec.edu.in	9642043570

Name	Type	Gender	Email	Contact
Dr. B . Sandhya	Faculty	Female	sandhya_cse@mvsrec.edu.in	9848509044

10	Design, Development and Fabrication of equal chanel forming dies with environment Friendly Lubricants	Process Innovation	Technological		Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	20000	Yes	No
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Name	Type	Gender	Email	Contact
Dr. J. Kandasamy	Faculty	Male	kandaswamy_mech@mvsrec.edu.in	9441346022

Name	Type	Gender	Email	Contact	11
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Electricity from EM waves using Rectenna	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	5000	Yes	No	
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Name	Type	Gender	Email	Contact	Name	Email
V V Satyanarayana Akula	Faculty	Male	vvsakula_eee@mvsrec.edu.in	9966842526		

12	Welding Fixture for Cylindrical Pipes	Product Innovation	Non-Technological	Faculty	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	15000	Yes	No
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Name	Type	Gender	Email	Contact
Dr. J. Kandasamy	Faculty	Male	kandaswamy_mech@mvsrec.edu.in	9441346022

Name	Type	Gender	Email	Contact	Name	Email							
Eco-School Computer	Process Innovation	Technological	Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	Grant Amount in Rs	16000	Yes	No	13

Name	Type	Gender	Email	Contact	Name	Email
T. Sujanavan	Faculty	Male	sujanavan_cse@mvsrec.edu.in	9849916627		

14	Smart Toilet using IOT and Image Processing	Process Innovation	Technological	Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	Grant Amount in Rs	8000	Yes	No
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Name	Type	Gender	Email	Contact
Dr Daggubati Sirisha	Faculty	Female	sirisha_cse@mvsrec.edu.in	9010277400

Name	Type	Gender	Email	Contact	15
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Sewage Water Treatment using Rotating Biological Contract or	Process Innovation	Technological		Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 18 00 0	Yes	No	
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Name		Type		Gender		Email		Contact		Name	Email
Mrs. Shilpa Misra		Faculty		Female		shilpa_civil@mvsrec.edu.in		9676686371			

16	Prefabricated Structures	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 15 00 0	Yes	No
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Name		Type		Gender		Email		Contact	
Mr. T.G. Aditya		Faculty		Male		aditya_civil@mvsrec.edu.in		8328072369	

Name		Type		Gender		Email		Contact		17		
FPGA Implementations of 16-Channel	Product Innovation	Technological		Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No		Grant Amount in Rs 24 00 0	Yes

Name		Type		Gender		Email		Contact		Name	Email
Mr. M Zaheer Ahmad		Faculty		Male		zaheer_ece@mvsrec.edu.in		917000358			

18	Design of Power Bags and Power Banks	Product Innovation	Technological		Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs 18 00 0	Yes	No
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Name		Type		Gender		Email		Contact	
Mrs. E. NagaLakshmi		Faculty		Female		nagalakshmi_ece@mvsrec.edu.in		9985818893	

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

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	T- Hub	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	23	01-08-2020
2	CISCO	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	26	13-12-2019
3	Palle Srujana	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	940	22-11-2019
4	IEEE Member and Student Activity Service	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	930	14-08-2019

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	(OKMSDT)An optimal key management technique for secure data transmission in MANET	IPRFiledPublished	SW-13020/2019	National	2019 - 11	Uploaded	Granted	No
2	EPCWebX	IPRFiledPublished	ROC No: SW-12	National	2019 - 07	Uploaded	Granted	No

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Process for Extraction of Calotropis Procera Fibers for Preparing Composite Structures Used in Multiple Applications	201741040315	National	2019 - 11	Uploaded

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. G. KANAKA DURGA (Head of Institute) and Dr. Menaka Bammidi (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

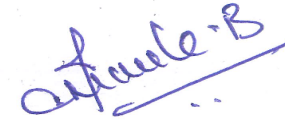
Thank you

The Head of Institute



Dr. G. KANAKA DURGA
Head of the Institution,
Rangareddy, Telangana

Nodal officer



Dr. Menaka Bammidi
Nodal Officer,
Rangareddy, Telangana