



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: Vimal Jyothi Engineering College [ARI-C-43798]

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

Srno	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)
1	Vimal Jyothi Engineering College	Academic Department with lab facility	EIE, ECE, CIVIL, MECH, CSE, EEE	UG / PG / PhD	Technical	1610	115	36

### 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 : IC201810350
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)	No	Not Required

### Section 1 > i : 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	Industrial automation Using Arduino and Raspberry pi	Innovation	Workshop	Institute Lead Activity	Department of electronics and instrumentation	24-10-2019 00:00:00	25-10-2019 00:00:00	2	Within Campus	34	5	0	0	39	No	No
2	Innovation challenge 2K19	Innovation	Ideation	Institute Lead Activity	Department of electronics and instrumentation	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	0	6	54	0	60	No	No

**Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

3	Workshop on "Future trends in engineering/entrepreneurship and the need for skill development"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Electronics And Communication Engineering	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	114	0	0	0	114	No	No						
4	Prelims of IoT Challenge 2020	Innovation	Innovation Contest	Student Lead Activity	ACM Student Chapter, Department of Computer Science and Engineering	28-09-2019 00:00:00	29-09-2019 00:00:00	2	Within Campus	120	0	0	0	120	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First, Second, Third</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Prototype of internet controlled smart light</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First, Second, Third	Title of Innovation / Start-up Secured the Award / Recognition	Prototype of internet controlled smart light	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First, Second, Third																					
Title of Innovation / Start-up Secured the Award / Recognition	Prototype of internet controlled smart light																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
5	iOS App Development	Innovation	Training	Institute Lead Activity	Department of Computer Science and Engineering	29-07-2019 00:00:00	31-07-2019 00:00:00	3	Within Campus	8	0	0	0	8	No	No						
6	Blockchain Technology	Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	15-02-2020 00:00:00	16-02-2020 00:00:00	2	Within Campus	14	1	0	0	15	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>8000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8000																					
7	Build Career on Devops, ML and AI Technologies	Innovation	Seminar	Institute Lead Activity	Department of Computer Science and Engineering	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	61	0	0	0	61	No	No						

**Section 1 > ii : 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
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**Section 1 > ii : 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**

1	Deep Learning	Innovation	Training	LBS College of Engineering, Kasargod	Educational Institute	09-07-2019 00:00:00	11-07-2019 00:00:00	3	0	2	2	No	---	---	No	No
2	Emerging Networking Technologies and Tools	Innovation	Training	PSG Technology	Educational Institute	07-06-2019 00:00:00	13-06-2019 00:00:00	7	0	1	1	No	---	---	No	No
3	Robotics	Innovation	Training	Model Finishing School	Educational Institute	27-11-2019 00:00:00	01-12-2019 00:00:00	5	0	1	1	No	---	---	No	No
4	Blockchain Technology	Innovation	Training	NITK, Surathkal	Educational Institute	06-12-2019 00:00:00	20-12-2019 00:00:00	15	0	1	1	No	---	---	No	No
5	Foundation of data Science	Innovation	Training	Govt. Engineering College Wayanad	Educational Institute	11-12-2019 00:00:00	14-12-2019 00:00:00	4	0	1	1	No	---	---	No	No
6	IIC Innovation Ambassador Training Series	Entrepreneurship/Start-up	Training	ACS College of Engineering Bangalore	Govt. Agency (Central)	26-02-2020 00:00:00	27-02-2020 00:00:00	2	0	4	4	No	---	---	No	No

**Section 2 > i : 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 Awareness camp	Entrepreneurship/Start-up	Short term Course	Bachelor	Mechanical Engineering	05-03-2020	08-03-2020	4	Offline	72	30
2	Life Skills	Entrepreneurship/Start-up	Short term Course	Bachelor	Applied Science and Humanities	07-12-2020	31-12-2020	25	Offline	82	30

**Section 2 > ii : 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	Frontiers of Research in Thermal Sciences	Innovation	FDP in I&E / IPR	MECHANICAL ENGINEERING	27-08-2020	03-09-2020	8	Online	477	36
2	Nanocomposites and Nanomaterials and its Characterization	Innovation	FDP in I&E / IPR	MECHANICAL ENGINEERING	08-06-2020	22-06-2020	15	Online	66	72

3	Emerging Areas in Manufacturing	Innovation	FDP in I&E / IPR	MECHANICAL ENGINEERING	24-04-2020	30-04-2020	7	Online	182	42
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**Section 2 > iii : 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	SARIN CR	EEE	ASST 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)	Mode of Delivery
	-	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	University	Educational Institute	04-06-2019 00:00:00	06-08-2019 00:00:00	64	Online

**Section 3 > i : 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	Programming Club	Idea Club	2019	Co-working Space	No Such Facilities Exist in the Campus	2	Aromal Joseph K M	aromaljoseph007@gmail.com	8547731095

**Section 3 > ii > a : 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 on 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	IEDC	IEDC	2015	Co-working Space, 3D Printing & Prototype Equipment, Work Stations	Innovation Labs, IPR Cell/Technology Transfer Centre	Innovation Labs, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Ing V Sampath Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vsampath@vjec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8281665573</td> </tr> </table>	Facility Incharge Name	Dr. Ing V Sampath Kumar	Facility Incharge Email	vsampath@vjec.ac.in	Facility Incharge Phone	8281665573	6	Yes	No	No
Facility Incharge Name	Dr. Ing V Sampath Kumar																
Facility Incharge Email	vsampath@vjec.ac.in																
Facility Incharge Phone	8281665573																

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)****No Data Filled!****Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)****No Data Filled!****Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI****No Data Filled!****Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups****No Data Filled!****Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups****No Data Filled!****Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received****No Data Filled!****Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI****No Data Filled!****Section 7 > i : 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	NHAI	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	30-09-2020
2	CPCRI	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	05-02-2019
3	Glory constructions	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	10-12-2020
4	CMR constructions	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	12-12-2020

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner****No Data Filled!**

**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

**No Data Filled!**

**Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**Section 8 > vi : 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. Benny Joseph (Head of Institute) and Dr. V Sampath Kumar (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

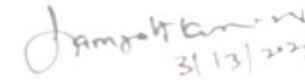
The Head of Institute

  
31/03/2021

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Dr. Benny Joseph  
Head of the Institution,  
Kannur, Kerala

Nodal officer

  
31/03/2021

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Dr. V Sampath Kumar  
Nodal Officer,  
Kannur, Kerala