

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

Sr no	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/Recognition/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	Status Phase-1	Reason Phase-1	Comment Phase-1	Document Phase-1	Remarks Phase-1	Status Phase-2	Reason Phase-2	Comment Phase-2	Document Phase-2	Remarks Phase-2
2	TCS - Code vita	Innovation	Hackathon	Tata Consultancy Services	Corporate / Industry Association	17-03-2020 00:00:00	17-03-2020 00:00:00	1	350	0	350	No	---	---	No	No	Approved									
3	India Tech innovation and Entrepreneurship Concave (I-TEC 2020)	Entrepreneurship/Start-up	Conference	Reva University and NAFEMS India	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	5	5	10	No	---	---	Total Total Expense Amount Incurred by Institute ? (In Rupees) 9000	No	Approved									
4	RESEARCH METROLOGY	IPR	Workshop	VTU HUMAN RESOURCE DEVELOPMENT CENTRE (VTU - HRDC)	Govt. Agency (State)	17-01-2020 00:00:00	26-01-2020 00:00:00	10	0	1	1	No	---	---	No	No	Approved									

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

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

1	IoT Center of Excellence	2018	Innovation Labs, Innovation Park/Research Park	Dr S Ambarish	12	No	No	Yes	Approved										
				ambareeshs@vemanait.edu.in															
				Facility Charge Phone	8123583506														
Source of Grant / Fund					Agency Name				Agency Type			Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							
Institute's Own Fund / Resource					Vemana Institute of Technology				Educational Institute			350000							

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

2	Texas Instruments Excellence Centre	2017	Incubation Unit, Student Clubs		Facility Incharge Name Mukul Mannohar Facility Incharge Email mukulmannohar@vve.mait.edu.in Facility Incharge Phone 8722100622	1	Yes	No	Yes	Approved									
Source of Grant / Fund				Agency Name				Agency Type				Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							
Institute's Own Fund / Resource				Vemana Institute of Technology				Educational Institute				300000							

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

3	Center of Excellence in Impact Engineering	2015	Incubation Unit	Vemana Institute of Technology	Facility In charge Name Dr. Vijayaashah Reddy Facility In charge Email vij@vemanaiedu.in Facility In charge Phone 9972399797	5	No	Yes Total Annual Income from Training and Skill Development Services (In Rupees) Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	Yes	Approved									
Source of Grant / Fund				Agency Name				Agency Type				Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							
-				-				-				0							

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

4	Center of Excellence in Alternate Fuel	2014	Incubation Unit	Vemana Institute of Technology and VGST	Facility In charge Name D. R. Aparna	4	No	Yes	Yes	Approved									
					Facility In charge Email aparna.b@vemanaitech.edu.in			Yes											
					Facility In charge Phone 9449016525			Total Annual Income from Training and Skill Development Services (In Rupees) 0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) 200000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) 0									
Source of Grant / Fund							Agency Name				Agency Type				Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Option)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engage	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?	Status Phase-1	Reason Phase-1	Comment Phase-1	Document Phase-1	Remarks Phase-1	Status Phase-2	Reason Phase-2	Comment Phase-2	Document Phase-2	Remarks Phase-2
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Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

				al)		d at the Facility	during the Financial Year 2019-20?											
1	Vemana Business Incubation Center	2018	Innovation Labs, Student Clubs	Vemana Institute of Technology	Facility Name	1	No	No	Yes	Approved								
					Facility Charge Name													
					Facility Charge Email													
					Facility Charge Phone													
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)												
Institute's Own Fund / Resource		Vemana Institute of Technology		Educational Institute		3600000												

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

Sr no	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)	Status Phase-1	Reason Phase-1	Comment Phase-1	Document Phase-1	Remarks Phase-1	Status Phase-2	Reason Phase-2	Comment Phase-2	Document Phase-2	Remarks Phase-2	
1	Anjali R K	Assistant Professor	IPR Protection & Commercialization	10	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	IPR Co-ordinator for Institution Innovation Cell			Within											
2	Prof. Ashwathappa	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	45	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Training the students /Arranging the industrial visits/Motivating the students for start ups			Within											
3	Dr. Ramachandran S	Professor	Idea/Innovation Development	48	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Actively involved with students in research and idea based activities			Within											
4	Dr. S. NandaGopalan	Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	37	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Actively involved with students in research and idea based activities			Within											
5	Prof. Mukul Manohar	Assistant Professor	Entrepreneurship/Startup Development, IPR Protection & Commercialization	9	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Incharge for MSME Incubation centre and actively motivating students for start ups and idea generation			Within											
6	Dr. Yella Reddy	Professor	Idea/Innovation Development	50	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Idea/Innovation development Entrepreneurship/Startup Development			Within											
7	Dr. Jayanna	Professor	Idea/Innovation Development	35	Approved										
	Name of Idea/Innovation/ Startup Mentored			Mentoring Setup [Within (or) Outside] HEI						CIN (in case it is Startup)					
	Research and Development - Bosch Products			Within											

4	IoT based Real Time Smart Parking System for vehicles in Urban Cities	Product Innovation, Process Innovation	Technological	Department of Information Science and Engineering	Faculty	TR L 2 : Technology for mulation. Concept and application have been formulated.	TR L 2 : Technology for mulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No	Approved								
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Name	Type	Gender	Email	Contact
Dr. S. Nandagopalan	Faculty	Male	snandagopalan@vemanait.edu.in	9845251144

5	Drink and Drive detection with Ignition Lock	Product Innovation, Process Innovation	Technological	Department of Electronics and Communications Engineering	Student	TR L 2 : Technology for mulation. Concept and application have been formulated.	TR L 2 : Technology for mulation. Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No	Approved								
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Name	Type	Gender	Email	Contact
Bharath Chaugala	Student	Male	1B116EC016@vemanait.edu.in	7899404424

Name	Type	Gender	Email	Contact
Dr. Hemamalini G E	Faculty	Female	hemamalini@vemanait.edu.in	9886645402

6	Sun tracking Solar Panel	Product Innovation, Process Innovation	Tec hnol ogic al	Dep artm ent of Elec troni cs and Com muni catio ns Engi neer ing	Stu dent- Fac ul ty	TR L 2 : Tec h nol og y for m ula tio n. Con cep t and ap pli cat ion have be en for m ula te d.	TR L 2 : Tec h nol og y for m ula tio n. Con cep t and ap pli cat ion have be en for m ula te d.	Inno vatio n Dev elop ment Drop ped	No	No	No	No	No	Appr oved														
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Name	Type	Gender	Email	Contact
Praveen Kumar B	Student	Male	1V116EC082@vemanait.edu.in	9448678162

Name	Type	Gender	Email	Contact
Mamatha N	Faculty	Female	mamathan@vemanait.edu.in	8496076112

10	Geo Polymer Concrete Paver Block	Product Innovation	Technological	Department of Civil Engineering	Student-Faculty	TR L 6 : Prototype systems tested in intended environment to expect performance.	TR L 6 : Prototype systems tested in intended environment to expect performance.	Innovation Development Completed	No	No	No	No	No	Approved								
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Name	Type	Gender	Email	Contact
Greeshma S T	Student	Female	1V116CV010@vemanait.edu.in	9164391392

Name	Type	Gender	Email	Contact
Madhusudhan	Faculty	Male	madhushudan.s@vemanait.edu.in	8904089384

11	Interlocking Paver Block using Waste Plastic	Product Innovation	Technological	Department of Civil Engineering	Student-Faculty	TR L 6 : Prototype system tested in intended environment to expect performance.	TR L 6 : Prototype system tested in intended environment to expect performance.	Innovation Development Completed	No	No	No	No	No	Approved									
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Name	Type	Gender	Email	Contact
Ramya M R	Student	Female	1V117CV406@vemanait.edu.in	8105753315

Name	Type	Gender	Email	Contact
Darshan N	Faculty	Male	darshan.civil@vemanait.edu.in	9900944803

Name	Type	Gender	Email	Contact
MONISH J	Student	Male	jmonish@vemanait.edu.in	9353000687

Name	Type	Gender	Email	Contact
Dr. LOKESH G REDDY	Faculty	Male	lokeshgreddy@vemanait.edu.in	9448694378

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EXPERIMENTAL STUDY OF ADVANCED THERMOELECTRIC MATERIALS	Product Innovation, Process Innovation	Technological	Department of Mechanical Engineering	Student-Faculty	TRL 2: Technology for multiplication. Concept and application have been formulated.	TRL 2: Technology for multiplication. Concept and application have been formulated.	Innovation Development Dropped	No	No	No	No	No	Approved											
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Name	Type	Gender	Email	Contact
NITHEESH SAI P	Student	Male	pnitheeshsai@vemanait.edu.in	8892918823

Name	Type	Gender	Email	Contact
J. SUBRAMANYAM	Faculty	Male	subramanya.j@vemanait.edu.in	9481474971

15	Automated Grocery Ordering System	Product Innovation, Process Innovation, Service Innovation	Technological	Department of Computer Science and Engineering with Electronics and Communications Engineering	Student-Faculty	TRL 2 : Technology for multiplication. Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype").	Innovation Development Completed	Agency Name MSME	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Recognition Secured	No	No	No	No	Approved								
												Name				Type		Gender		Email			Contact	
												Megha Shyam Reddy M V				Student		Male		1vi16ec068@vemanait.edu.in			9353424760	
												Name				Type		Gender		Email			Contact	
												Dr. S. Ambareesh				Faculty		Male		ambareeshs@vemanait.edu.in			8123583506	

16	Helmet detection and alert System	Product Innovation	Technological	Department of Computer Science and Engineering	Student-Faculty	TR L 2 : Technology for mulation. Concept and application have been for mulated.	TR L 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	No	No	No	Approved									
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Name	Type	Gender	Email	Contact
Venkatesh R	Student	Male	venkyram98@gmail.com	9740951793

Name	Type	Gender	Email	Contact
Rashmi R	Faculty	Female	rashmi.r@vemanait.edu.in	9538294470

17	Smart Vehicle for Safe and Secured Transfer	Product Innovation, Process Innovation	Technological	Department of Computer Science and Engineering	Student-Faculty	TRL 2: Technology for formulation. Concept and application have been formulated.	TRL 4: Small scale prototypability in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Karnataka State Council for Science and Technology (KSSCT)	Govt. Agency (State)	No	No	No	No	Approved										
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Name	Type	Gender	Email	Contact
Dr. S. Ambareesh	Faculty	Male	ambareeshs@vemanit.edu.in	8123583506

Name	Type	Gender	Email	Contact
Dr. M. Ramakrishna	Faculty	Male	ramakrishna@vemanit.edu.in	9686725572

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Sonic vibrator Alert System	Product Innovation	Technological	Department of Computer Science and Engineering	Student-Faculty	TRL 2: Technology for implementation. Concept and application have been formulated.	TRL 4: Small scale prototype built in a laboratory environment ("ugly prototype").	Innovation Development Completed	Agency Name KSCST	Agency Type Govt. Agency (State)	Award/Position/Recognition/Secured	Recognition Secured	No	No	No	No	Approved									
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Name	Type	Gender	Email	Contact
Saranya N	Student	Female	saranyaaaa13@gmail.com	8217250396

21	Design and Development of Velocity measurement System during the free fall of impactor	Process Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 5: Large scale prototype intended environment.	TRL 7: Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	No	No	No	Approved											
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Name	Type	Gender	Email	Contact
Mujeeb Pasha	Faculty	Male	mujeebpasha@vemanait.edu.in	9886158868

Name	Type	Gender	Email	Contact
Edgar MENDONCA	Faculty	Male	edgarmendonca@vemanait.edu.in	9986787801

23	Hybrid E-bike	Product Innovation	Technological	Department of Mechanical Engineering	Faculty	TRL 6 : Prototype systems tested in intended environment close to expected performance.	TRL 7 : Demonstration systems operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	No	No	No	Approved							
									Name		Type	Gender	Email	Contact							
									Prashant Basappa		Faculty	Male	prashant.b.shahapur@gmail.com	7353536303							
									Name		Type	Gender	Email	Contact							
									Mujeeb Pasha		Faculty	Male	mujeebpasha@vemanait.edu.in	9886158868							

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

7	Hosho Construction Private Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1	17-05-2019	Approved									
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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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]	Status Phase-1	Reason Phase-1	Comment Phase-1	Document Phase-1	Remarks Phase-1	Status Phase-2	Reason Phase-2	Comment Phase-2	Document Phase-2	Remarks Phase-2
1	Sustainable Energy Harvesting Using Wireless Sensor Network through IEEE 802.11 based Application to Impart the Energy Efficiency	201941040126	National	2019 - 10	Uploaded	Approved									

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

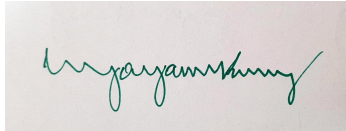
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Mr. Dr. VIJAYASIMHA REDDY B.G (Head of Institute) and Dr. S NANDAGOPALAN (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

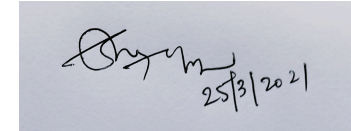
Thank you

The Head of Institute



Mr. Dr. VIJAYASIMHA REDDY B.G
Head of the Institution,
Bangalore, Karnataka

Nodal officer



Dr. S NANDAGOPALAN
Nodal Officer,
Bangalore, Karnataka