



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: Vignan's Foundation for Science, Technology and Research [ARI-U-0043]

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	Mechanical Engineering	Centre of Excellence with Advance Tools & Equipment	Materials characterization	UG / PG / PhD	Technical	246	26	4
2	Mechanical Engineering	Academic Department with lab facility	Robotics	UG / PG / PhD	Technical	246	26	4
3	Mechanical Engineering	Research Unit / Park	Bio-fuel testing & I.C engines performance analysis	UG / PG / PhD	Technical	246	26	4
4	Mechanical Engineering	Research Unit / Park	Design of advanced mechanical systems and analysis	UG / PG / PhD	Technical	246	26	4
5	Mechanical Engineering	Research Unit / Park	CNC machining	UG / PG / PhD	Technical	246	26	4
6	Chemical Engineering	Academic Department with lab facility	Food quality testing	UG / PG / PhD	Technical	510	37	5
7	Chemical Engineering	Academic Department with lab facility	Textile chemical processing	UG / PG / PhD	Technical	510	37	5
8	Biotechnology	Centre of Excellence with Advance Tools & Equipment	Bioresource utilization	UG / PG / PhD	Technical	405	27	6
9	Electronics and communication Engineering	Centre of Excellence with Advance Tools & Equipment	Advanced RF and microwave communications	UG / PG / PhD	Technical	1051	68	14
10	Information Technology	Academic Department with lab facility	Advanced programming and networking	UG / PG / PhD	Technical	520	32	4
11	Management Studies	Research Unit / Park	SPSS & AMOS Research area	UG / PG / PhD	Non-Technical	570	24	3
12	Science and humanities	Centre of Excellence with Advance Tools & Equipment	Advanced materials processing, manufacturing and characterization	UG / PG / PhD	Both	1681	84	8
13	Science and humanities	Research Unit / Park	Asymmetric reactions lab	UG / PG / PhD	Both	1681	84	8

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

14	Electronics and communication Engineering	Research Unit / Park	wireless & Sensor Networks research center	UG / PG / PhD	Technical	1051	68	14
15	Electronics and communication Engineering	Centre of Excellence with Advance Tools & Equipment	Global centre Of Excellence	UG / PG / PhD	Technical	1051	68	14
16	Electronics and communication Engineering	Research Unit / Park	VLSI	UG / PG / PhD	Technical	1051	78	14
17	Electrical and Electronics Engineering	Research Unit / Park	Renewable Energy Systems	UG / PG / PhD	Technical	145	20	2
18	Applied Engineering	Academic Department with lab facility	Farm machinery	UG / PG / PhD	Technical	70	20	4
19	Vignans Technology Business Incubator	Incubation Unit	Bio-tech, food, agricultural and engineering technologies	UG / PG / PhD	Both	9	1	1
20	Computer Science and Engineering	Research Unit / Park	Machine Learning, Deep Learning	UG / PG / PhD	Technical	1471	71	4

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 : IC202115513
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	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	A Workshop on Innovation Management and Intellectual Property Rights	IPR	Workshop	Institute Lead Activity	Entrepreneurship Cell	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	6	1	28	0	35	<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																	

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

2	Skill Development Program on Pro-e and CATIA Modules	Innovation	Ideation	Institute Lead Activity	Entrepreneurship Cell	20-02-2020 00:00:00	23-02-2020 00:00:00	4	Within Campus	55	3	0	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Designer
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
3	Intellectual Property Rights and it's Strategy	IPR	Seminar	Institute Lead Activity	Entrepreneurship Cell	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	51	4	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5100	No	
4	A Seminar on the Intellectual Property Rights and Strategic Management in Universities and SMEs	IPR	Seminar	Institute Lead Activity	Entrepreneurship Cell	04-01-2020 00:00:00	04-01-2020 00:00:00	1	Within Campus	81	6	0	0	87	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7780	No	
5	Practical Research Methods on Class Room Teaching and Learning	Innovation	Seminar	Institute Lead Activity	Entrepreneurship Cell	02-01-2020 00:00:00	07-01-2020 00:00:00	6	Within Campus	59	3	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8250	Award / Position / Recognition Secured	Recognition
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Research Analyzer
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

6	Entrepreneurship Development Program(EDP Module6) sponsored by DST	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Entrepreneurship Cell	29-12-2019 00:00:00	03-01-2020 00:00:00	6	Within Campus	32	2	0	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Presentation Award
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
7	Patent Strategy: Filling a Provisional Patent Application	IPR	Workshop	Institute Lead Activity	Entrepreneurship Cell	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	4	1	40	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11800	Award / Position / Recognition Secured	Recognition
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Innovative Idea
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
8	Hackathon by Stumagz, Hyderabad	Entrepreneurship/Startup	Hackathon	Institute Lead Activity	Entrepreneurship Cell	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	131	10	0	0	141	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	Award / Position / Recognition Secured	Recognition
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Coder
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

9	Entrepreneur Boot Camp and Idea workshop With TIE GRAD, HYD.	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Entrepreneurship Cell	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	363	25	0	0	388	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	Award / Position / Recognition Secured	Recognition
																	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Idea
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
10	Workshop on Technology, Transfer and Innovation through IPR	IPR	Workshop	Institute Lead Activity	Entrepreneurship Cell	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	10	5	62	0	77	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	Award / Position / Recognition Secured	Recognition
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Idea
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
11	Entrepreneurship Development Program(EDP Module2) sponsored by DST	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Entrepreneurship Cell	11-12-2019 00:00:00	14-12-2019 00:00:00	4	Within Campus	32	5	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Presentation Award
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

12	A Seminar on Intellectual Property Rights Basics and Human Rights	IPR	Seminar	Institute Lead Activity	Entrepreneurship Cell	13-11-2019 00:00:00	13-11-2019 00:00:00	1	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Innovator Award
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
13	National conference on Recent Advances in Information Technology	Innovation	Conference	Institute Lead Activity	Department of Information Technology	30-08-2019 00:00:00	31-08-2019 00:00:00	2	Within Campus	15	16	0	20	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No	
14	A three day National workshop on Block chain and its applications	Innovation	Workshop	Institute Lead Activity	Department of Information Technology	23-12-2019 00:00:00	25-12-2019 00:00:00	3	Within Campus	35	18	5	5	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	Award / Position / Recognition Secured	Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Presentation Award
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
15	DST Sponsored Three day national workshop on internet of things	Innovation	Workshop	Institute Lead Activity	Department of Information Technology	30-08-2019 00:00:00	01-09-2019 00:00:00	3	Within Campus	25	15	10	15	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No	

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

16	National conference on VLSI, Signal Processing and Communications	Innovation	Conference	Institute Lead Activity	Department of Electronics and Communication Engineering	11-06-2019 00:00:00	12-06-2019 00:00:00	2	Within Campus	27	45	12	18	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	600000	Award / Position / Recognition Secured	Award	
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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	
1	Session Chair for National Conference on Recent Trends in Electrical Engineering (NCRTEE-2019)	Innovation	Conference	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal	Educational Institute	19-10-2019 00:00:00	19-10-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
2	2nd International Conference on Advances in Industrial Automation and Smart Manufacturing (ICAIAS M 2019)	Innovation	Conference	Santhiram Engineering College, Nandyal, A.P	Educational Institute	26-07-2019 00:00:00	27-07-2019 00:00:00	2	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	20600	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

3	The Fibre Societys Fall 2019 Technical Meeting and Conference on Revitalizing the Textile Industry through Innovative Research . Education and and Entrepreneurship	Entrepreneurship/Startup	Conference	University of Texas, Austin	Educational Institute	28-10-2019 00:00:00	30-10-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	83000	No
4	VLSI Signal Processing and Communications (NCVSC oms-2019)	Innovation	Conference	VFSTR	Educational Institute	06-09-2019 00:00:00	07-09-2019 00:00:00	2	0	26	26	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	65000	No
5	National Conference on Functionality of Advanced Materials (NCFAM 2019)	Innovation	Conference	VFSTR	Educational Institute	24-06-2019 00:00:00	25-06-2019 00:00:00	2	0	13	13	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
6	National Conference on Mathematics, Statistics and Applications (NCMSA 19)	Innovation	Conference	VFSTR	Educational Institute	19-07-2019 00:00:00	20-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	20200	No
7	National Conference on Management Perspectives-2019	Innovation	Conference	VFSTR	Educational Institute	09-08-2019 00:00:00	10-08-2019 00:00:00	2	0	17	17	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	168000	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

8	International Conference on Innovations in Power, Energy and Intelligent Control Systems (IPEICS-19)	Innovation	Conference	VFSTR	Educational Institute	08-08-2019 00:00:00	09-08-2019 00:00:00	2	0	14	14	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	120000	No
9	National Conference on Recent Advances in Information Technology (NCRAIT-2019)	Innovation	Conference	VFSTR	Educational Institute	30-08-2019 00:00:00	31-08-2019 00:00:00	2	0	10	10	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	315000	No
10	National Conference on Recent Trends in Chemical, Petroleum, Food, Textile and Allied Technologies for Sustainable Development (NCRTC PFT-2019)	Innovation	Conference	VFSTR	Educational Institute	16-08-2019 00:00:00	17-08-2019 00:00:00	2	0	27	27	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	22000	No
11	IPR for Students and Faculty Members	IPR	Workshop	Sree Vidyaniethan Engineering College	Educational Institute	10-06-2019 00:00:00	10-06-2019 00:00:00	1	10	1	11	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
12	Importance of Entrepreneurship	Entrepreneurship/Start-up	Workshop	MANIT	Educational Institute	14-09-2019 00:00:00	14-09-2019 00:00:00	1	4	3	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	11000	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Startup at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

13	EMPRESARIO to inspire the aspiring entrepreneurs	Entrepreneurship/Startup	Workshop	St Agnes College	Educational Institute	12-12-2019 00:00:00	12-12-2019 00:00:00	1	2	0	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
14	Bio-Entrepreneurship	Entrepreneurship/Startup	Workshop	VIT Vellore	Educational Institute	04-02-2020 00:00:00	04-02-2020 00:00:00	1	4	0	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
15	Innovation and Entrepreneurship and Startup Summit	Innovation	Conference	IIT-Delhi	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	1	2	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
16	Intellectual Property rights	IPR	Workshop	MIT-ADT University	Educational Institute	16-09-2019 00:00:00	18-09-2019 00:00:00	3	4	6	10	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	10000	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 and Business Plan	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	BBA	05-06-2019	28-09-2019	116	Offline	90	52
2	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	BBA	05-06-2019	28-09-2019	116	Offline	90	52
3	Intellectual property rights	IPR	Elective/Core Credit Course	Bachelor	BBA	01-06-2019	30-11-2019	183	Offline	60	45
4	Digital Marketing	IPR	Elective/Core Credit Course	Master	MBA	02-07-2019	22-11-2019	144	Offline	184	60

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	Entrepreneurship Development Program(EDP Module1) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	09-12-2019	14-12-2019	6	Offline	32	35

2	Entrepreneurship Development Program(EDP Module2) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	11-12-2019	14-12-2019	4	Offline	32	32
3	Entrepreneurship Development Program(EDP Module3) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	15-12-2019	21-12-2019	7	Offline	32	42
4	Entrepreneurship Development Program(EDP Module4) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	22-12-2019	25-12-2019	4	Offline	32	32
5	Entrepreneurship Development Program(EDP Module5) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	26-12-2019	29-12-2019	4	Offline	32	32
6	Entrepreneurship Development Program(EDP Module6) sponsored by DST	Entrepreneurship/Startup	FDP in I&E / IPR	E-Cell VFSTR	29-12-2019	03-01-2020	6	Offline	32	35

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	Dr Ravindra babu P	Pharmaceutical Sciences	Associate Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	Dr Ravindra babu P	Pharmaceutical Sciences	Associate Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
3	Dr Ravindra babu P	Pharmaceutical Sciences	Associate Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
4	Dr. N. S. Sampath Kumar	Biotechnology	Assistant Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
5	Dr. Anjani Devi Chintagunta	Biotechnology	Assistant Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
6	Dr. Rex Jeya Raj Kumar	Biotechnology	Assistant Professor	Yes	No			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
7	Dr Ravindra babu P	Pharmaceutical Sciences	Associate Professor	Yes	No			

	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
8	Dr Ravindra babu P	Pharmaceutical Sciences		Associate Professor		Yes		No	
	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
9	Dr Ravindra babu P	Pharmaceutical Sciences		Associate Professor		Yes		No	
	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
10	Mr. T. Ch. Anil Kumar	Mechanical Engineering		Assistant Professor		Yes		No	
	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
11	Mr. K. Pradeep Chand	Mechanical Engineering		Assistant Professor		Yes		No	
	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
12	Dr.B.Nageswara Rao	Mechanical Engineering		Associate Professor		Yes		No	
	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

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	Innovation Disimination Students Club	Innovation Club	2019	Work Stations	Pre-Incubation Unit	1	Pravallika Somisetty	somisettypravallikasrenivas@gmail.com	9493310997
2	Innovation cell	Idea Club	2019	Co-working Space	Incubation Unit	2	Vempati siri harshitha chowdhary	siriharshitha2001@gmail.com	6305566023
3	Rural Entrepreneurship Cell	Startup Club	2020	Work Stations	Incubation Unit	1	Harshavardhan Dhulipalla	dhulipallaharshavardhan@gmail.com	9848197111
4	Robotic club	Innovation Club	2020	Work Stations	Centre of Excellence with Advance Tools	2	Manvitha chowdhary	manvithamanu225@gmail.com	8374206452

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-	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	Had institute Generated Income either from Services Offered by Pre-Incubation	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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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)

1	VTBI	Maker's Space	2017	Co-working Space	IPR Cell/Technology Transfer Centre	IPR Cell/Technology Transfer Centre	Incubation Unit, if any (Optional)		2	implementation during the Financial Year 2019-20	Yes	Centre/Facilities?		Yes
							Facility Incharge Name	Dr. B. Nageswara Rao				Facility Incharge Email	director_ies@vignan.ac.in	
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						VFSTR			Educational Institute			160000		

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)

2	VTBI	Design Centre	2016	Co-working Space	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Y.Ravi Sekhar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>yrs_ec@vignan.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8632344700</td> </tr> </table>	Facility Incharge Name	Dr. Y.Ravi Sekhar	Facility Incharge Email	yrs_ec@vignan.ac.in	Facility Incharge Phone	8632344700	15	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>175000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>60000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	175000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	60000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Y.Ravi Sekhar																								
Facility Incharge Email	yrs_ec@vignan.ac.in																								
Facility Incharge Phone	8632344700																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	175000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	60000																								
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 Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Institute's Own Fund / Resource		VFSTR		Educational Institute		235000																			

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)

3	VTBI	Design Centre	2017	Co-working Space	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. N Bhanu Prkash T</td> </tr> <tr> <td>Facility Incharge Email</td> <td>tnbp_mech@vignan.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9391165283</td> </tr> </table>	Facility Incharge Name	Mr. N Bhanu Prkash T	Facility Incharge Email	tnbp_mech@vignan.ac.in	Facility Incharge Phone	9391165283	3	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>200000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>80000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	200000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	80000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Mr. N Bhanu Prkash T																								
Facility Incharge Email	tnbp_mech@vignan.ac.in																								
Facility Incharge Phone	9391165283																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	200000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	80000																								
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 Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Institute's Own Fund / Resource		VFSTR		Educational Institute		280000																			

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)

4	VTBI	Design Centre	2017	Work Stations	No Such Facilities Exist in the Campus	No Such Facilities Exist in the Campus	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. M. Subba Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mrs_ee@vignan.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9885767652</td> </tr> </table>	Facility Incharge Name	Dr. M. Subba Rao	Facility Incharge Email	mrs_ee@vignan.ac.in	Facility Incharge Phone	9885767652	10	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>100000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>40000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	100000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	40000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. M. Subba Rao																								
Facility Incharge Email	mrs_ee@vignan.ac.in																								
Facility Incharge Phone	9885767652																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	100000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	40000																								
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 Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Funding Agency		VFSTR		Govt. Agency (Central)		140000																			

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)

5	Andhra Pradesh State Skill Development Center	Design Centre	2017	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	Facility Incharge Name	Dr. M. Subba Rao	8	Yes	Yes		Yes
							Facility Incharge Email	mrs_ee@vignana.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	285000	
							Facility Incharge Phone	9885767652			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	30000	
											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 Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)			
Institute's Own Fund / Resource					VFSTR			Educational Institute		315000			

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)

6	VTBI	Maker's Space	2017	Work Stations	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. B. Nageswara Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director_inch@vtbi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8074151944</td> </tr> </table>	Facility Incharge Name	Dr. B. Nageswara Rao	Facility Incharge Email	director_inch@vtbi.ac.in	Facility Incharge Phone	8074151944	42	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>120000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>40000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	120000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	40000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. B. Nageswara Rao																								
Facility Incharge Email	director_inch@vtbi.ac.in																								
Facility Incharge Phone	8074151944																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	120000																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	40000																								
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 Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)															
Institute's Own Fund / Resource					VFSTR			Educational Institute		160000															

Section 3 > ii > b : 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?
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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	Waste Management	2019	Innovation Labs	-	Facility Incharge Name	Dr. K. Kalpana	4	Yes	Yes		Yes
					Facility Incharge Email	hodmba@vignan.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	230000	
					Facility Incharge Phone	8632344700			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	30000	
									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)				
Institute's Own Fund / Resource		VFSTR			Educational Institute		260000				
2	Composite Materials	2016	Innovation Labs	-	Facility Incharge Name	Dr. M. Rakamishna	6	Yes	Yes		Yes
					Facility Incharge Email	dean_iqac@vignan.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	100000	
					Facility Incharge Phone	8632344700			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	12000	
									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)				
Institute's Own Fund / Resource		VFSTR			Educational Institute		112000				

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	Advanced RF Microwave and Wireless Communication	2017	Innovation Labs	-	Facility Incharge Name	Dr. T. Pitchai ah	4	Yes	Yes		Yes
					Facility Incharge Email	hod_e ce@vi gnan.a c.in			Total Annual Income from Training and Skill Development Services (In Rupees)	80000	
					Facility Incharge Phone	08632 34470 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000	
									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)			
Funding Agency		Keysight Technologies				International Agencies		85000			
4	Material manufacturing, processing and characterization	2015	Innovation Labs	-	Facility Incharge Name	Dr. Sk. Anwar	7	Yes	Yes		Yes
					Facility Incharge Email	shaika nwarcu @gmai l.com			Total Annual Income from Training and Skill Development Services (In Rupees)	300000	
					Facility Incharge Phone	08632 34470 0			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	40000	
									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)			
Institute's Own Fund / Resource		VFSTR				Educational Institute		340000			

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 (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility 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 Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?														
1	VBTI	2017	Pre-Incubation, IPR Cell/Technology Transfer Centre	VFSTR	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. B. Nageswara Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director_ies@vignan.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8632344700</td> </tr> </table>	Facility Incharge Name	Dr. B. Nageswara Rao	Facility Incharge Email	director_ies@vignan.ac.in	Facility Incharge Phone	8632344700	2	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>500000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>22000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	500000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	22000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. B. Nageswara Rao																						
Facility Incharge Email	director_ies@vignan.ac.in																						
Facility Incharge Phone	8632344700																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	500000																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	22000																						
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 Incubation Facility exists in Campus (In Rupees)															
Institute's Own Fund / Resource			VFSTR			Educational Institute		522000															

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Women Technology Park	2016	No Such Facilities Exist in the Campus	VFSTR	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Kalpana</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod_mba@vignan.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9492486286</td> </tr> </table>	Facility Incharge Name	Dr. K. Kalpana	Facility Incharge Email	hod_mba@vignan.ac.in	Facility Incharge Phone	9492486286	4	No	No	No
Facility Incharge Name	Dr. K. Kalpana														
Facility Incharge Email	hod_mba@vignan.ac.in														
Facility Incharge Phone	9492486286														

Section 3 > ii > e : 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?			
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	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)
1	IPR Cell	2018	Incubation Unit	VFSTR	Dr. B. Nageswara Rao	directories@vignan.ac.in	08632344700	42	Yes	Yes	50000	5000	0	Yes
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				VFSTR				Educational Institute		55000				

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr Ravindra babu P	Associate Professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Management	Within		
2	Dr. N. S. Sampath Kumar	Assistant Professor	IPR Protection & Commercialization	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Biocatalyst	Within		
3	Dr. Anjani Devi Chintagunta	Assistant Professor	IPR Protection & Commercialization	3

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Herbal Plants	Within	
4	Dr. Rex Jeya Raj Kumar	Assistant Professor	IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Bio-gas Plant	Within	
5	Mr. T. Ch. Anil Kumar	Assistant Professor	IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Biodiesel	Within	
6	Dr.B.Nageswara Rao	Associate Professor	IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Biodiesel	Within	
7	Mr. K. Pradeep Chand	Assistant Professor	IPR Protection & Commercialization
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Patent Filing	Within	

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship				
1	Subbaraju Perechanla	Entrepreneurship/Startup Development	Structured Mentorship				
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	TIEGRAND Boot Camp	13-12-2019	13-12-2019	1	2	25	Idea

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

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	
														Agency Name
1	An unique sustainable construction material extracted from WRIGTHIA –TINCTORIA seed fiber and analyzing its properties thereof	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Completed	Agency Name	VFS TR	Yes	10000	No	No
Name		Type			Gender		Email			Contact				
Syed Habibunnisa		Faculty			Female		sgowthami12@gmail.com			9848023788				
2	Aeroplane, Aircraft accidents predictive analytics using machine learning, deep learning and other programming	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	10000	No	No
Name		Type			Gender		Email			Contact				
Uppala Sri Lakshmi		Faculty			Female		dr.bksarkar2003@yahoo.in			8328203020				

3	Segmenatation of surface cacks based on a fully convolutional neural network and gated scale pooling	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Ongoing	<table border="1"> <tr> <td>Agen cy Nam e</td> <td>VFS TR</td> </tr> <tr> <td>Agen cy Type</td> <td>Edu cati onal Insti tute</td> </tr> <tr> <td>Awar d / Positi on / Reco gnitio n Secu red</td> <td>Bes t Inno vati on Awar d</td> </tr> </table>	Agen cy Nam e	VFS TR	Agen cy Type	Edu cati onal Insti tute	Awar d / Positi on / Reco gnitio n Secu red	Bes t Inno vati on Awar d	Yes	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agen cy Nam e	VFS TR																				
Agen cy Type	Edu cati onal Insti tute																				
Awar d / Positi on / Reco gnitio n Secu red	Bes t Inno vati on Awar d																				
Grant Amount in Rs	10000																				

Name	Type	Gender	Email	Contact
P Siva Kumar	Faculty	Male	reachvsaravanan@gmail.com	9030215291

4	Method For Diagnose Medical Problem Using Medical Image Processing Using Big Data And Machine Learning	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Ongoing	<table border="1"> <tr> <td>Agen cy Nam e</td> <td>VFS TR</td> </tr> <tr> <td>Agen cy Type</td> <td>Edu cati onal Insti tute</td> </tr> <tr> <td>Awar d / Positi on / Reco gnitio n Secu red</td> <td>Bes t Facu lty Awar d</td> </tr> </table>	Agen cy Nam e	VFS TR	Agen cy Type	Edu cati onal Insti tute	Awar d / Positi on / Reco gnitio n Secu red	Bes t Facu lty Awar d	Yes	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agen cy Nam e	VFS TR																				
Agen cy Type	Edu cati onal Insti tute																				
Awar d / Positi on / Reco gnitio n Secu red	Bes t Facu lty Awar d																				
Grant Amount in Rs	10000																				

Name	Type	Gender	Email	Contact
Dr. E. Lakshmi Lydia	Faculty	Female	udit.mamodiya@poornima.org	9848036919

5	Developemnt of Pesticides Spray Drone for Agriculture Fields	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Ongoing	<table border="1"> <tr> <td>Agenc y Nam e</td> <td>VFS TR</td> </tr> <tr> <td>Agenc y Type</td> <td>Edu cati onal Insti tute</td> </tr> <tr> <td>Awar d / Positi on / Reco gnitio n Secu red</td> <td>Bes t Facul ty Awar d</td> </tr> </table>	Agenc y Nam e	VFS TR	Agenc y Type	Edu cati onal Insti tute	Awar d / Positi on / Reco gnitio n Secu red	Bes t Facul ty Awar d	Yes	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agenc y Nam e	VFS TR																				
Agenc y Type	Edu cati onal Insti tute																				
Awar d / Positi on / Reco gnitio n Secu red	Bes t Facul ty Awar d																				
Grant Amount in Rs	10000																				
Name		Type			Gender			Email		Contact											
Mr. Venkata Rangarao Kommineni		Faculty			Male			sgnanasekaran@siet.ac.in		7396353488											
6	An approach for empowering edge computing for source allocation based learning for industrial IOT	Process Innovation	Technol ogical		Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Ongoing	<table border="1"> <tr> <td>Agenc y Nam e</td> <td>VFS TR</td> </tr> <tr> <td>Agenc y Type</td> <td>Edu cati onal Insti tute</td> </tr> <tr> <td>Awar d / Positi on / Reco gnitio n Secu red</td> <td>Bes t Inno vator Awar d</td> </tr> </table>	Agenc y Nam e	VFS TR	Agenc y Type	Edu cati onal Insti tute	Awar d / Positi on / Reco gnitio n Secu red	Bes t Inno vator Awar d	Yes	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agenc y Nam e	VFS TR																				
Agenc y Type	Edu cati onal Insti tute																				
Awar d / Positi on / Reco gnitio n Secu red	Bes t Inno vator Awar d																				
Grant Amount in Rs	10000																				
Name		Type			Gender			Email		Contact											
Mrs. R T Subha Lakshmi		Faculty			Female			shuba.sengupta@gmail.com		9830723520											

7	Solid state deposition process of surface alloy coating	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	Best Innovation Award					

Name	Type	Gender	Email	Contact
B. Ratna Sunil	Faculty	Male	bratnasunil@gmail.com	9346994998

8	Geo Composite Liner Systems	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	Best Faculty Award					

Name	Type	Gender	Email	Contact
Kommu Suresh	Faculty	Male	lipi.kaundilya@gmail.com	9002200596

9	ED-Machine: Nano Powder mixed vegetable oil as dielectric fluid coupled with cryogenically treated electrode and bio thinner for enhancement of process performance in electrical discharge machining	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs	10000	No	No
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	Best Faculty Award					

Name	Type	Gender	Email	Contact
Dr. Vinay Kumar Domakonda	Faculty	Male	vnykmr.d@yahoo.com	9700318995

10	IT-Turning Process: Intelligent Image Processing Technology for Textured Cutting Tool Wear Measurement in Turning Process	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs	10000	No	No
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	Best Innovator					

Name	Type	Gender	Email	Contact
Dr. L. Suvama Raju	Faculty	Male	rajumst@gmail.com	9963255532

11	An efficient Methodology and a system to Rescue a child fell into abandoned bore well	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name Agency Type Award / Position / Recognition Secured	VFS TR Educational Institute BEST INNOVATION AWARD	Yes	Grant Amount in Rs 10000	No	No																														
<table border="1"> <thead> <tr> <th colspan="3">Name</th> <th colspan="3">Type</th> <th colspan="3">Gender</th> <th colspan="3">Email</th> <th colspan="3">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="3">Dr. D. Satyanarayana</td> <td colspan="3">Faculty</td> <td colspan="3">Male</td> <td colspan="3">dsatya2312@gmail.com</td> <td colspan="3">9492710158</td> </tr> </tbody> </table>															Name			Type			Gender			Email			Contact			Dr. D. Satyanarayana			Faculty			Male			dsatya2312@gmail.com			9492710158		
Name			Type			Gender			Email			Contact																																
Dr. D. Satyanarayana			Faculty			Male			dsatya2312@gmail.com			9492710158																																
12	Tacrine Derivatives targeting NMDA rElectronics& Communication Engg.ptor, acetylcholine esterase, Butyryl choline and beta secretase activity	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name Agency Type Award / Position / Recognition Secured	VFS TR Educational Institute BEST Faculty Award	Yes	Grant Amount in Rs 10000	No	No																														
<table border="1"> <thead> <tr> <th colspan="3">Name</th> <th colspan="3">Type</th> <th colspan="3">Gender</th> <th colspan="3">Email</th> <th colspan="3">Contact</th> </tr> </thead> <tbody> <tr> <td colspan="3">Dr. Shaik Anwar</td> <td colspan="3">Faculty</td> <td colspan="3">Male</td> <td colspan="3">shaikanwarcv@gmail.com</td> <td colspan="3">7416714997</td> </tr> </tbody> </table>															Name			Type			Gender			Email			Contact			Dr. Shaik Anwar			Faculty			Male			shaikanwarcv@gmail.com			7416714997		
Name			Type			Gender			Email			Contact																																
Dr. Shaik Anwar			Faculty			Male			shaikanwarcv@gmail.com			7416714997																																

13	Implement industry institution interaction for management students	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	BEST INNOVATION AWARD					
Name		Type			Gender			Email			Contact			
Dr. Bandaru Srinivasa Rao		Faculty			Male			b_srinivas@yahoo.com			9492466911			
14	A Method of Image denoising and a system thereof	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	BEST INNOVATION AWARD					
Name		Type			Gender			Email			Contact			
Dr. Kodati Satya Prasad		Faculty			Male			k_prasad@gmail.com			9346993454			

15	Novel Tacrine Derivatives that target NMDA rElectronics& Communication Engg.ptoracetylcholine sterase, Butyrylcholinesterase and beta secretase activities	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name VFS TR	Agency Type Educational Institute	Award / Position / Recognition Secured BEST FACULTY AWARD	Yes	Grant Amount in Rs 10000	No	No
Name		Type			Gender			Email			Contact				
Vignan's Foundation for Science Technology and research		Faculty			Male			info@vignan.ac.in			8632344700				
16	Soft switching in flyback converters using a fixed dead time	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name VFS TR	Agency Type Educational Institute	Award / Position / Recognition Secured BEST INNOVATION AWARD	Yes	Grant Amount in Rs 10000	No	No
Name		Type			Gender			Email			Contact				
Mr. Nagesh Vangala		Faculty			Male			vangala_nagesh@gmail.com			9346993872				

17	Process route for the novel latent curative for a epoxy resin	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	BEST FACULTY AWARD					
Name		Type			Gender		Email			Contact				
Center of Excellence for advanced material manufacturing process and characterisation		Faculty			Male		coe_mec@vignan.ac.in			8632344701				
18	Methodology and system for Image Restoration	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name	VFS TR	Yes	Grant Amount in Rs 10000	No	No
								Agency Type	Educational Institute					
								Award / Position / Recognition Secured	BEST FACULTY AWARD					
Name		Type			Gender		Email			Contact				
Dr. Kodati Satya Prasad		Faculty			Male		ks_prasad@gmail.com			9346993845				

19	Realizing ZVS and ZCS in a continuous conduction boost converter with boundary mode control	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name Agency Type Award / Position / Recognition Secured	VFS TR Educational Institute BEST INNOVATION AWARD	Yes	Grant Amount in Rs 10000	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>Mannam Rayudu</td> <td>Faculty</td> <td>Male</td> <td>m_rayudu@gmail.com</td> <td>9346156822</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Mannam Rayudu	Faculty	Male	m_rayudu@gmail.com	9346156822
Name	Type	Gender	Email	Contact																				
Mannam Rayudu	Faculty	Male	m_rayudu@gmail.com	9346156822																				
20	Realizing ZVS and ZCS in a CCM boost converter with BCM control with a single switch	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name Agency Type Award / Position / Recognition Secured	VFS TR Educational Institute BEST FACULTY AWARD	Yes	Grant Amount in Rs 10000	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>Mr. Naresh Vangala</td> <td>Faculty</td> <td>Male</td> <td>naresh_vangala@gmail.com</td> <td>9346824596</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Mr. Naresh Vangala	Faculty	Male	naresh_vangala@gmail.com	9346824596
Name	Type	Gender	Email	Contact																				
Mr. Naresh Vangala	Faculty	Male	naresh_vangala@gmail.com	9346824596																				

21	Soft switching in single switch boundary conduction mode flyback converters using a fixed dead time	Process Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	Agency Name VFS TR	Educational Institute	Award / Position / Recognition Secured BEST INNOVATION AWARD	Yes	Grant Amount in Rs 10000	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>Nagesh Vangala</td> <td>Faculty</td> <td>Male</td> <td>nagesh_vangala@gmail.com</td> <td>9346824654</td> </tr> </tbody> </table>																Name	Type	Gender	Email	Contact	Nagesh Vangala	Faculty	Male	nagesh_vangala@gmail.com	9346824654
Name	Type	Gender	Email	Contact																					
Nagesh Vangala	Faculty	Male	nagesh_vangala@gmail.com	9346824654																					
22	30M Genomics	Product Innovation	Technological		Alumni	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name BIR AC	Govt. Agency (Central)	Award / Position / Recognition Secured Big 16	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>Pavuluri Pavani</td> <td>Alumni Entrepreneur</td> <td>Female</td> <td>pavanipavuluri68@gmail.com</td> <td>7680947300</td> </tr> </tbody> </table>																Name	Type	Gender	Email	Contact	Pavuluri Pavani	Alumni Entrepreneur	Female	pavanipavuluri68@gmail.com	7680947300
Name	Type	Gender	Email	Contact																					
Pavuluri Pavani	Alumni Entrepreneur	Female	pavanipavuluri68@gmail.com	7680947300																					

1	30M Genomics	Process Innovation	Technological	7365	Alumni	Venture with Corporate Identification Number (CIN) Registration U85300AP2019PTC112451	2019-20	Graduated from the Incubation unit	No	No	No	No	
Name		DIN number		Type		Gender		Email		Contact			
Pavuluri Pavani		85300		Alumni Entrepreneur		Male		pavanipavuluri68@gmail.com		7680947300			
2	NAVIGO Pvt. Ltd.	Service Innovation	Non-Technological	7365	Alumni	Venture with Corporate Identification Number (CIN) Registration U74900GJ2016PTC085640	2019-20	Graduated from the Incubation unit	No	Grant Amount in Rs 12000	No	Amount Received in Rs 30000	Yes
Name		DIN number		Type		Gender		Email		Contact			
V Sai Raj		74900		Alumni Entrepreneur		Male		sairajveera@gmail.com		8978785948			

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	TiE-Hyderabad	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring	14	13-12-2019
2	NRDC	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring	10	01-04-2020
3	Bhat Biotech	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	22	20-09-2019
4	Triant Software Solutions	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	12	24-09-2019
5	Greatcoder Technologies Pvt Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	30	30-10-2019
6	Hexaware Technologies Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	16	02-11-2019
7	Info Base Systems	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	19	11-12-2019
8	Krest Technologies	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	9	30-11-2019

9	Losans Software Solutions	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	12	05-02-2020
10	Myneni IT Solutions Pvt Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	12	05-01-2020
11	Sai Sumukha Properties Pvt Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	05-01-2020
12	Samarth Infra Eng Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	05-02-2020
13	Ultron Electronics	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	9	05-01-2020
14	Virchow Biotech	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	15	05-01-2020

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

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	An unique sustainable construction material extracted from WRIGTHIA –TINCTORIA seed fiber and analyzing its properties thereof	202041019727	National	2020 - 03	Uploaded
2	Aeroplane, Aircraft accidents predictive analytics using machine learning, deep learning and other programing	202041001797	National	2020 - 01	Uploaded
3	Segmenatation of surface cacks based on a fully convolutional neural network and gated scale pooling	202041008926	National	2020 - 03	Uploaded
4	Method For Diagnose Medical Problem Using Medical Image Processing Using Big Data And Machine Learning	202031019607	National	2020 - 03	Uploaded
5	Developemnt of Pesticides Spray Drone for Agriculture Fields	202041020773	National	2020 - 03	Uploaded
6	An approach for empowering edge computing for source allocation based learning for industrial IOT	202041023028	National	2020 - 03	Uploaded
7	Solid state deposition process of surface alloy coating	202041015774	National	2020 - 03	Uploaded
8	Geo Composite Liner Systems	201911028963	National	2019 - 07	Uploaded
9	ED-Machine: Nano Powder mixed vegetable oil as dielectric fluid coupled with cryogenically treated electrode and bio thinner for enhancement of process performance in electrical discharge machining	201941029200	National	2019 - 08	Uploaded
10	IT-Turning Process: Intelligent Image Processing Technology for Textured Cutting Tool Wear Measurement in Turning Process	201941031853	National	2019 - 08	Uploaded
11	An efficient Methodology and a system to Rescue a child fell into abandoned bore well	201941050067	National	2019 - 12	Uploaded

12	Tacrine Derivatives targeting NMDA rElectronics& Communication Engg.ptor, acetylcholine esterase, Butyryl choline and beta secretase activity	WO2019/207604	International	2019 - 10	Uploaded
13	Implement industry institution interaction for management students	201941042746	National	2019 - 11	Uploaded
14	A Method of Image denoising and a system thereof	201941039885	National	2019 - 10	Uploaded
15	Novel Tacrine Derivatives that target NMDA rElectronics& Communication Engg.ptoracetylcholinesterase, Butyrylcholinesterase and beta secretase activities	201841015699	National	2019 - 11	Uploaded
16	Soft switching in flyback converters using a fixed dead time	320636	International	2019 - 09	Uploaded
17	Process route for the novel latent curative for a epoxy resin	201841010307	National	2019 - 09	Uploaded
18	Methodology and system for Image Restoration	201941015601	National	2019 - 04	NA
19	Realizing ZVS and ZCS in a continuous conduction boost converter with boundary mode control	201841007010	National	2019 - 04	NA
20	Realizing ZVS and ZCS in a CCM boost converter with BCM control with a single switch	US10,361,619B	International	2019 - 07	NA
21	Soft switching in single switch boundary conduction mode flyback converters using a fixed dead time	US10,211,742B	International	2019 - 04	NA

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

Smo	Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
					Patent/Licence Holder name (Institute Co-ownership is Must)	Not Applicable		Licence Transferred to	Other organisation/Agency		
1	Not Applicable	IP/Patented Technology	One-time transfer/Licensing	Not Applicable	Patent/Licence Holder name (Institute Co-ownership is Must)	Not Applicable	Not Applicable	Licence Transferred to	Other organisation/Agency	No	---
					Contact number of license holder	8632344700		Name of Industry/Start-up/Agency Received License/Technology	Not Applicable		
					Email of Licence holder	info@vignan.ac.in		Address of Agency	Not Applicable		
					Gender	Institute		Contact Number of Agency	8632344700		
								Email of Agency	info@vignan.ac.in		

List the patent Published & Granted to HEI

Srno	Title / Name of Patent	Type of IP	Publication / Granted Number	Publication / Granted Year	Status	Remarks
1	ED-MACHINE: NANO POWDER MIXED VEGETABLE OIL AS DIELECTRIC FLUID COUPLED WITH CRYOGENICALLY TREATED ELECTRODE AND BIO THINNER FOR ENHANCEMENT OF PROCESS PERFORMANCE IN ELECTRICAL DISCHARGE MACHINING	Published	201941029200	2019	Approved	
2	IMPLEMENT INDUSTRY INSTITUTION INTERACTION FOR MANAGEMENT STUDENTS	Published	201941042746	2019	Approved	
3	IT- TURNING PROCESS: INTELLIGENT IMAGE PROCESSING TECHNOLOGY FOR TEXTURED CUTTING TOOL WEAR MEASUREMENT IN TURNING PROCESS.	Published	201941031853	2019	Approved	
4	A METHOD OF IMAGE DENOISING AND A SYSTEM THEREOF	Published	201941039885	2019	Approved	
5	METHODOLOGY AND SYSTEM FOR IMAGE RESTORATION	Published	201941015601	2019	Approved	
6	AN EFFICIENT METHODOLOGY AND A SYSTEM TO RESCUE A CHILD FELL INTO ABANDONED BORE WELL	Published	201941050067	2019	Approved	
7	DÉRIVÉS DE TACRINE CIBLANT L'ACTIVITÉ DU RÉCEPTEUR NMDA, DE L'ACÉTYLCHOLINE ESTÉRASE, DE LA BUTYRYLE CHOLINE ET DE LA BÉTA-SECÉRÉTASE TACRINE DERIVATIVES TARGETING NMDA RECEPTOR, ACETYLCHOLINE ESTERASE, BUTYRYL CHOLINE AND BETA SECRETASE ACTIVITY	Published	WO2019IN50337A	2019	Approved	
8	NOVEL TACRINE DERIVATIVES THAT TARGET NMDA RECEPTOR, ACETYLCHOLINEESTERASE, BUTYRYL CHOLINE ESTERASE AND BETA SECRETASE ACTIVITIES	Published	IN201841015699A	2018	Approved	
9	Soft switching in single switch boundary conduction mode flyback converters using a fixed dead time	Granted	US10211742B2	2019	Approved	
10	SOFT SWITCHING IN FLYBACK CONVERTERS USING A FIXED DEAD TIME	Granted	IN320636B	2019	Approved	

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. M.S.Raghunathan (Head of Institute) and Dr. B. Nageswara Rao (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

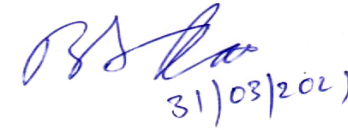
Thank you

The Head of Institute



Dr. M.S.Raghunathan
Head of the Institution,
Guntur, Andhra Pradesh

Nodal officer



Dr. B. Nageswara Rao
Nodal Officer,
Guntur, Andhra Pradesh