



# ARIIA

## ATL 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: VELS INSTITUTE OF SCIENCE TECHNOLOGY & ADVANCED STUDIES (VISTAS) -CHENNAI [ARI-U-0491]

### 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	Academic Department with lab facility	Mechanical Engineering, Computer Integrated Manufacturing	UG / PG / PhD	Technical	423	28	32
2	Computer Science and Engineering	Academic Department with lab facility	Computer science and Engineering and Information Technology	UG / PG / PhD	Technical	577	42	44
3	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	177	17	11
4	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	109	11	5
5	Automobile Engineering	Academic Department with lab facility	Automobile Engineering	UG / PG / PhD	Technical	139	9	6
6	Civil Engineering	Academic Department with lab facility	Civil Engineering and Construction Engineering & Management	UG / PG / PhD	Technical	182	17	7
7	B.Tech Biotechnology	Academic Department with lab facility	B.Tech Biotechnology	UG / PG / PhD	Technical	158	9	10
8	Bio-Medical Engineering	Academic Department with lab facility	Bio-Medical Engineering	UG / PG / PhD	Technical	117	9	8
9	Petroleum Engineering	Academic Department with lab facility	Petroleum Engineering	UG / PG / PhD	Technical	106	7	4
10	Naval Architecture and Offshore Engineering	Academic Department with lab facility	Naval Architecture and Offshore Engineering	UG / PG / PhD	Technical	55	7	4
11	Marine Engineering	Academic Department with lab facility	Marine Engineering	UG / PG / PhD	Technical	320	21	25
12	Biochemistry	Academic Department with lab facility	Biochemistry	UG / PG / PhD	Non-Technical	192	11	2

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

13	Microbiology	Academic Department with lab facility	Microbiology	UG / PG / PhD	Non-Technical	218	8	4
14	Biotechnology	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Non-Technical	215	13	3
15	Bioinformatics	Academic Department with lab facility	Bioinformatics	UG / PG / PhD	Non-Technical	111	7	2
16	Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Non-Technical	287	21	7
17	Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Non-Technical	110	10	3
18	Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Non-Technical	117	19	4
19	Business Administration	Academic Department with lab facility	Business Administration	UG / PG / PhD	Non-Technical	613	22	7
20	Commerce - Accounts and Finance	Academic Department with lab facility	Accounts and Finance	UG / PG / PhD	Non-Technical	614	21	5
21	Commerce General	Academic Department with lab facility	General	UG / PG / PhD	Non-Technical	600	22	5
22	Commerce - Computer Applications	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Non-Technical	517	12	2
23	Economics	Academic Department with lab facility	Economics	UG / PG / PhD	Non-Technical	189	6	1
24	Management Studies	Academic Department with lab facility	General , Logistics and Shipping Management, Logistics and Supply Chain Management, Business Analytics, Integrated	UG / PG / PhD	Non-Technical	478	23	8
25	Computer Applications	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Non-Technical	199	10	4
26	Computer Science	Academic Department with lab facility	Computer Science	UG / PG / PhD	Non-Technical	472	21	3
27	BCA and IT	Academic Department with lab facility	Computer Applications, Data Science, Cloud Technology and Information Security	UG / PG / PhD	Non-Technical	849	35	9
28	Visual Communication	Academic Department with lab facility	Visual Communication and Animation	At all level	Non-Technical	841	19	5

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

29	Hotel and Catering Management	Academic Department with lab facility	Hotel and Catering Management	At all level	Non-Technical	255	14	3
30	Pharmacy	Academic Department with lab facility	Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry and Analysis, Pharmacy Practice and Pharm.D	UG / PG / PhD	Non-Technical	662	47	25
31	Physiotherapy	Academic Department with lab facility	Physiotherapy, Orthopaedics, Neuro., Sports, Cardio., Hand	UG / PG / PhD	Non-Technical	516	26	4
32	Nautical Science	Academic Department with lab facility	Nautical Science, Maritime Operations	UG / PG / PhD	Non-Technical	295	16	25
33	Law	Academic Department with lab facility	Law	UG / PG / PhD	Non-Technical	951	30	17
34	Education	Academic Department with lab facility	Education	UG / PG / PhD	Non-Technical	311	28	8
35	English	Academic Department with lab facility	English	UG / PG / PhD	Non-Technical	187	41	2
36	Music and Fine Arts	Academic Department with lab facility	Music and Fine Arts	At all level	Non-Technical	83	3	1
37	Aviation	Academic Department with lab facility	Aviation	UG / PG / PhD	Non-Technical	216	5	1
38	Tamil	Academic Department with lab facility	Tamil	UG / PG / PhD	Non-Technical	0	21	1
39	Hindi	Academic Department with lab facility	Hindi	UG / PG / PhD	Non-Technical	0	2	1
40	French	Academic Department with lab facility	French	UG / PG / PhD	Non-Technical	0	3	1
41	Center for Advance Research and Development	Research Unit / Park	Research Department	Not Allowed	Not Allowed	850	25	4
42	Incubation Center	Incubation Unit	Incubation Center	Not Allowed	Not Allowed	50	20	5
43	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR Cell	Not Allowed	Not Allowed	10	7	5
44	Center for Energy and Alternate Fuels	Centre of Excellence with Advance Tools & Equipment	Center for Energy and Alternate Fuels	Not Allowed	Not Allowed	20	3	1

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

45	Center for Fish Immunology	Centre of Excellence with Advance Tools & Equipment	Center for Fish Immunology	Not Allowed	Not Allowed	12	2	1
46	Artificial Intelligence Research Lab	Centre of Excellence with Advance Tools & Equipment	Artificial Intelligence Research Lab	Not Allowed	Not Allowed	10	2	1
47	Center for Material Research	Centre of Excellence with Advance Tools & Equipment	Center for Material Research	Not Allowed	Not Allowed	20	3	2

**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 : IC201811483
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Management Studies	25-10-2019 00:00:00	25-10-2019 00:00:00	1	Within Campus	0	19	0	0	19	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 7271	No
2	Self Help Group Bazaar in the Campus	Entrepreneurship/Startup	Workshop	Institute Lead Activity	School of Management Studies	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	195	23	0	0	218	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 30000	No
3	Tycoon Club Event	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Management Studies	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	26	15	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 12000	No

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4	Entrepreneur talk	Entrepreneurship/Startup	Training	Institute Lead Activity	School of Management Studies VISTAS	09-03-2020 00:00:00	09-03-2020 00:00:00	1	Within Campus	226	15	0	0	241	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12147	No						
5	Self Help Group Mela	Entrepreneurship/Startup	Workshop	Institute Lead Activity	School of Management Studies VISTAS	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	800	23	0	0	823	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No						
6	TALLY COURSE ERP	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Department of Commerce (General) - VISTAS	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	75	18	0	100	193	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	40000	No						
7	Clickz Photography Exhibition and Photography contest	Entrepreneurship/Startup	Exhibition	Student Lead Activity	mass Communication	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	450	17	80	10	557	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	69085	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>first prize, second prize, third prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Photography Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	first prize, second prize, third prize	Title of Innovation / Start-up Secured the Award / Recognition	Best Photography Award	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	first prize, second prize, third prize																						
Title of Innovation / Start-up Secured the Award / Recognition	Best Photography Award																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
8	TWO DAY WORKSHOP ON POWDER X-RAY DIFFRACTION AND DATA PROCESSING	Innovation	Workshop	Institute Lead Activity	Department of Chemistry, School of Basic Sciences	27-09-2019 00:00:00	28-09-2019 00:00:00	2	Within Campus	214	25	25	24	288	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22000	No						
9	The Art of Communication	Entrepreneurship/Startup	Skill development	Student Lead Activity	Department of Physics, School of Basic Sciences (VISTAS)	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	34	10	0	0	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8000	No						

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10	Guest Lecture on Nano Composite Materials Enabling Innovations for Sustainable Energy and Environmental Technologies	Innovation	Workshop	Institute Lead Activity	Department of Chemistry, School of Basic Sciences	29-07-2019 00:00:00	29-07-2019 00:00:00	1	Within Campus	214	25	0	0	239	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16000	No
11	One day seminar on Vanadium Element and Lanthanum Series (VELS 2020)	Innovation	Seminar	Institute Lead Activity	Department of Chemistry, School of Basic Sciences	23-12-2019 00:00:00	23-12-2019 00:00:00	1	Within Campus	214	25	10	10	259	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
12	Pan Asian food workshop	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Hotel and Catering Management	07-08-2019 00:00:00	07-08-2019 00:00:00	1	Within Campus	30	5	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13000	No
13	Computer Aided Design for Electrical Power Apparatus	Innovation	Seminar	Student Lead Activity	Engineering Department - EEE	11-07-2019 00:00:00	11-07-2019 00:00:00	1	Within Campus	60	11	0	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12316	No
14	Overview presentation on fundamental of energy generation (Thermal, Solar, Wind and Nuclear)	Innovation	Seminar	Student Lead Activity	Electrical and Electronics Engineering	29-07-2019 00:00:00	29-07-2019 00:00:00	1	Within Campus	250	10	0	0	260	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No
15	Design and development of Unmanned aerial vehicle using artificial intelligence	Innovation	Seminar	Student Lead Activity	Engineering Department EEE	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	150	22	150	10	332	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No

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16	Digital and analog controller implementation for power converters	Innovation	Seminar	Student Lead Activity	Engineering Department EEE	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	140	11	100	8	259	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
17	Innovative Product Design using Arduino	Innovation	Seminar	Student Lead Activity	Electrical and Electronics Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	125	11	100	10	246	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12000	No
18	Innovative Product Design using Arduino	Innovation	Seminar	Student Lead Activity	Electrical and Electronics Engineering	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	175	20	150	10	355	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
19	Cocktail - Mixology Workshop	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Hotel and Catering Management	19-10-2019 00:00:00	20-10-2019 00:00:00	2	Within Campus	40	5	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
20	Flower Arrangement and Towel Origami - Workshop	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Hotel and Catering Management	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7500	No
21	Bakery and Confectionery Workshop	Innovation	Skill development	Institute Lead Activity	School of Hotel and Catering Management	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	25	5	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7500	No
22	Icing and Piping Techniques	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Hotel and Catering Management	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	25	5	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7360	No

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23	Cloud and Devops	Innovation	Exposure visit	Institute Lead Activity	Computer Science and Engineering	27-09-2019 00:00:00	27-09-2019 00:00:00	1	Within Campus	100	10	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
24	Hackathon	Innovation	Hackathon	Institute Lead Activity	Computer Science Engineering	20-10-2019 00:00:00	20-10-2019 00:00:00	1	Within Campus	30	5	10	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
25	Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	Computer Science Engineering	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	50	5	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
26	Embedded Systems with IoT	Innovation	Seminar	Institute Lead Activity	Computer Science Engineering	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	100	5	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
27	Mobile Application Development	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Computer Science and Engineering-VISTAS	12-09-2019 00:00:00	12-09-2019 00:00:00	1	Within Campus	30	4	0	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1630	No
28	Overview Presentation on fundamentals of Energy generation	Innovation	Awareness	Institute Lead Activity	Energy and Fuel Users Association of India	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	100	25	0	0	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2951	No
29	Guest Lecture on Natural Products Interaction on Genomes	Innovation	Seminar	Institute Lead Activity	Department of Chemistry, School of Basic Sciences	30-07-2019 00:00:00	30-07-2019 00:00:00	1	Within Campus	214	25	0	0	239	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No

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

Srno	Name of Program	Program Theme	Program Type	Organizing Agency	Organizing Agency	Program Start	Program End Date	Program Duration(i)	Participants	Participants	Total Number	Awards/R ecognitio	Award / Position /	Title of Innovatio	Had institute spent expenses either from own resource/	Did any of the participants received any awards/recognition
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	(Full Name)			/ Institute Name	Type	Date		n Days)	(Students )	(Faculty)	of Participa nts	ns/Achievements	Recogniti on Secured	n / Start-up Secured the Award / Recogniti on	received fund towards sending delegation to participate / represent the activity /event?	for startup / innovation ideas / research
1	Webinar on Managem ent	Entrepre neurship/ Startup	Training	Sree Vidhyanik edhan Institute of Manage ment	Educatio nal Institute	24-04-20 19 00:00:00	25-04-20 19 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 3000	No
2	Entrepre neurship Summit	Entrepre neurship/ Startup	Seminar	Dhaka internatio nal university	Educatio nal Institute	29-04-20 19 00:00:00	30-04-20 19 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 15000	No
3	Conferen ce on business startup	Entrepre neurship/ Startup	Worksho p	Asian Institute of Technolo gy Conferen ce Center, Bangkok,	Educatio nal Institute	27-05-20 19 00:00:00	28-05-20 19 00:00:00	2	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 60000	No
4	Curriculu m developm ent	Entrepre neurship/ Startup	Awarene ss	Tagore College of Engineeri ng	Educatio nal Institute	25-06-20 19 00:00:00	26-06-20 19 00:00:00	2	25	1	26	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 3000	No
5	Conferen ce on Operatio nal Research	Entrepre neurship/ Startup	Awarene ss	European Conferen ce on Operatio nal Research (EURO 2019)in Dublin, Ireland	Educatio nal Institute	23-06-20 19 00:00:00	26-06-20 19 00:00:00	4	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 60000	No
6	innovatio n Budget Analysis	Entrepre neurship/ Startup	Awarene ss	Union Budget Analysis by South Indian chamber of Commerc e	Corporat e / Industry Associati on	06-07-20 19 00:00:00	06-07-20 19 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 5000	No
7	innovatio n on Capital Marketin g	Innovatio n	Awarene ss	INFACT Pro trainers at St.Britto College, Chennai	Educatio nal Institute	31-07-20 19 00:00:00	31-07-20 19 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees) 3000	No

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8	Faculty Development Program on IPR	IPR	Ideation	Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Human Resource Development, Government of India.	Govt. Agency (Central)	25-05-2019 00:00:00	25-05-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
9	Curriculum Development	Entrepreneurship/Startup	Ideation	Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Human Resource Development, Government of India.	Govt. Agency (Central)	25-07-2019 00:00:00	25-07-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
10	Curriculum Development	Entrepreneurship/Startup	Seminar	vignan university	Educational Institute	09-08-2019 00:00:00	10-08-2019 00:00:00	2	1	2	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
11	Research Paper Writing	Innovation	Awareness	Madras Christian College, Chennai.	Educational Institute	06-09-2019 00:00:00	06-09-2019 00:00:00	1	11	1	12	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
12	Business Talk	Innovation	Awareness	ITM Business School, Chennai	Educational Institute	13-09-2019 00:00:00	13-09-2019 00:00:00	1	8	1	9	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No

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13	journal search and publication	Innovation	Awareness	D G VAISHNAV COLLEGE, CHENNAI	Educational Institute	18-09-2019 00:00:00	18-09-2019 00:00:00	1	26	1	27	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
14	Innovation on Software Development	Innovation	Awareness	Computer Science Department, Vels University	Educational Institute	20-09-2019 00:00:00	20-09-2019 00:00:00	1	5	0	5	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
15	innovation on management and operational research	Innovation	Training	Saveetha School of Management Studies, Chennai	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)	3000	No
16	Entrepreneurship Summit	Entrepreneurship/Startup	Seminar	Easwari Engineering College	Educational Institute	10-10-2019 00:00:00	10-10-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
17	Careers in HR	Innovation	Training	School of Management Studies, Saveetha Institute of Medical and Technical Science Chennai	Educational Institute	02-11-2019 00:00:00	02-11-2019 00:00:00	1	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
18	Training in SPSS MODEL	Innovation	Training	IBM SPSS Modeler in IBM	Educational Institute	26-11-2019 00:00:00	29-11-2019 00:00:00	4	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
19	Innovation on IPR	IPR	Workshop	Madras Institute of Technology, Chennai	Non-Govt. Agencies	02-12-2019 00:00:00	03-12-2019 00:00:00	2	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
20	Work life-The Secrets Revealed	Innovation	Workshop	Indian Instt. Information Technology, Sricity, AP	Govt. Agency (Central)	06-12-2019 00:00:00	06-12-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	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**

21	Workshop on Financial Services	Innovation	Workshop	GRG School of Management Studies, Coimbatore.	Govt. Agency (Central)	02-12-2019 00:00:00	14-12-2019 00:00:00	13	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
22	Opportunities in Financial Market	Innovation	Conference	SRM university	Educational Institute	13-12-2019 00:00:00	13-12-2019 00:00:00	1	1	1	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
23	Innovation on Data Science	Innovation	Conference	Pondicherry University	Educational Institute	27-12-2019 00:00:00	27-12-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
24	Human Resource Information System - Impact in Various Business sector	Innovation	Training	Business Analytics, IIM Lucknow,	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
25	Innovation on IPR	Innovation	Mentoring Session	PGP College	Educational Institute	24-02-2020 00:00:00	24-02-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
26	Patent filing	Innovation	Training	DOMS, IIT Madras	Educational Institute	02-03-2020 00:00:00	07-03-2020 00:00:00	6	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
27	webinar on patent Writing	Innovation	Training	SRM Instt. Of Science and Technology, Chennai	Educational Institute	05-03-2020 00:00:00	06-03-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
28	IPR workshop	Innovation	Training	st peters college of engineering and technology, avadi, chennai	Educational Institute	13-03-2020 00:00:00	13-03-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	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**

29	Innovation and Emerging Trends in Global Business Opportunities and Challenges	Innovation	Conference	Hindustan College Of Arts and Science	Educational Institute	30-08-2019 00:00:00	30-08-2019 00:00:00	1	0	5	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
30	Bhagwan Mahavir college of management	Innovation	Innovation Contest	MHRDs innovation cell	Govt. Agency (State)	27-03-2020 00:00:00	29-03-2020 00:00:00	3	5	0	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
31	INTELLECTUAL PROPERTY RIGHTS workshop	IPR	Workshop	Tamil Nadu State Council for Science and Technology, Chennai and VELS Institute of Science, Technology and Advanced Studies	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	500	No
32	webinar on IPR	Innovation	Conference	Aarupada i veedu institute of technology	Non-Govt. Agencies	13-08-2019 00:00:00	14-08-2019 00:00:00	2	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
33	Intellectual Property Right from innovation to commercialization, organized by Shree Raghavendra Arts and Science College	IPR	Workshop	Shree Raghavendra Arts and Science	Educational Institute	07-03-2020 00:00:00	07-03-2020 00:00:00	1	0	4	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No

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34	Explore role of biology in applications	Innovation	Innovation Contest	International Biology Association	Govt. Agency (Central)	18-03-2020 00:00:00	18-03-2020 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
35	Intellectual Property Rights	IPR	Workshop	Tamilnadu State council for Science and Technology	Govt. Agency (State)	18-10-2019 00:00:00	19-10-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
36	International conference on Science and Innovative Engineering 2020	Innovation	Conference	Jawagar Engineering College, Chennai	Educational Institute	29-03-2020 00:00:00	29-03-2020 00:00:00	1	15	5	20	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
37	International Conference on Contemporary, Engineering and Technology	Innovation	Conference	Prince Shri Venteswara Padmavathy Engineering college and Prince Dr.K.Vasudevan college of Engineering and Technology	Educational Institute	09-03-2020 00:00:00	10-03-2020 00:00:00	2	14	4	18	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
38	International Conference on Relevance of Mathematics in Real Life Scenario	Innovation	Conference	Vidhyasagar Womens College, Chengalpattu	Educational Institute	09-09-2019 00:00:00	09-09-2019 00:00:00	1	10	2	12	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
39	International conference on recent trend advancements in applied mathematics	Innovation	Conference	S.I.V.E.T College	Educational Institute	22-11-2019 00:00:00	22-11-2019 00:00:00	1	10	6	16	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No

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40	International Conference on Contemporary, Engineering and Technology	Innovation	Conference	Prince Shri Venkateswara Padmavathy Engineering college and Prince Dr.K.Vasudevan college of Engineering and Technology	Educational Institute	14-03-2020 00:00:00	15-03-2020 00:00:00	2	3	1	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
41	International Conference on Emerging Trends in Intelligent Information Technologies Applied Mathematics and Business Management	Innovation	Conference	The Quaide Milleth College for Men, Chennai - 100	Educational Institute	07-01-2020 00:00:00	08-01-2020 00:00:00	2	9	4	13	Yes	award	Best Paper Award	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Paper Award</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	award	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	award																						
Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
42	International Conference on Mathematical Modelling and Computational Methods in Science and Engineering	Innovation	Conference	Alagappa University	Educational Institute	22-01-2020 00:00:00	24-01-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
43	international conference on Frontier Areas in Chemical Technologies	Innovation	Conference	Alagappa University, Karaikudi	Govt. Agency (State)	25-07-2019 00:00:00	26-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						

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44	Second National Conference Recent Innovation in Biotechnology	Innovation	Conference	Department of Biotechnology, AARUPA DAI VEEDU INSTITUTE OF TECHNOLOGY	Non-Govt. Agencies	13-08-2019 00:00:00	14-08-2019 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
45	Shiksha's annual science exhibition SPECTRA	Innovation	Exhibition	Shiksha Public School, Hastinapuram, Chennai	Non-Govt. Agencies	24-08-2019 00:00:00	24-08-2019 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
46	Second XPS workshop	Innovation	Workshop	Thermoscientific, Hyderabad	Corporate / Industry Association	28-09-2019 00:00:00	01-10-2019 00:00:00	4	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
47	Workshop on Microscale approach in Organic Laboratory Techniques	Innovation	Workshop	Department of Chemistry, SDNB Vaishnav College for Women	Non-Govt. Agencies	05-09-2019 00:00:00	05-09-2019 00:00:00	1	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
48	International Conference on Recent Advances in Applied Chemical Sciences	Innovation	Conference	Sree Sevugan Annamalai college, Devakottai	Govt. Agency (State)	06-09-2019 00:00:00	06-09-2019 00:00:00	1	0	4	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
49	Recent Advances in Analytical, Bioanalytical and separation Techniques	Innovation	Conference	Indian Analytical Science Congress, Thiruvananthapuram, Kerala, India	Govt. Agency (Central)	19-09-2019 00:00:00	21-09-2019 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	500	No



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50	National Conference on Climate Change Driven Challenges on Indian Biodiversity Innovative Solutions for Sustainable Development	Innovation	Conference	Pondicherry University	Govt. Agency (Central)	26-09-2019 00:00:00	27-09-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
51	National Conference on New Generation Materials for Energy applications	Innovation	Conference	Department of Physics B S Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai	Non-Govt. Agencies	21-10-2019 00:00:00	22-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
52	2nd International Conference on Nanoscience and Nanotechnology (ICNAN 19)	Innovation	Conference	Centre for Nanotechnology Research (CNR), VIT, Vellore India	Non-Govt. Agencies	29-11-2019 00:00:00	01-12-2019 00:00:00	3	1	1	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
53	Workshop on Pre-Conference Py GCMS workshop	Innovation	Workshop	Department of Chemical Engineering, IIT Madras, Chennai	Govt. Agency (Central)	11-12-2019 00:00:00	11-12-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
54	Workshop on Molecular Docking, Simulations and Chemoinformatics	Innovation	Workshop	Centre for Biotechnology, Anna University Chennai	Govt. Agency (State)	11-12-2019 00:00:00	14-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No

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55	Six days workshop on Faculty Development Programme Novel Strategies and Applications in Material Science	Innovation	Skill development	Dr. R.K.Shanmugam College of Arts and Science, PG Department of Chemistry, Material Science, Kallakurichi	Govt. Agency (State)	26-12-2019 00:00:00	31-12-2019 00:00:00	6	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
56	National Conference on Advances in Materials and Methods of Chemistry	Innovation	Conference	Department of Chemistry, BIST, BIHER, Chennai	Non-Govt. Agencies	21-12-2019 00:00:00	21-12-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
57	National conference on Recent Trends in Nano Sciences	Innovation	Conference	Bharath Institute	Non-Govt. Agencies	20-02-2020 00:00:00	20-02-2020 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
58	National conference on Recent Trends in Nano Sciences (NCRTN S-2020)	Innovation	Conference	Bharath Institute	Non-Govt. Agencies	20-02-2020 00:00:00	20-02-2020 00:00:00	1	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
59	Internship in power Transmission	Entrepreneurship/Startup	Training	Excel Power Switchgear Pvt.Ltd.,	Corporate / Industry Association	04-12-2019 00:00:00	07-12-2019 00:00:00	4	10	0	10	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
60	Internship on IOT devices	Innovation	Training	Flextronics Technologies (India)Private Limited	Corporate / Industry Association	03-12-2019 00:00:00	05-12-2019 00:00:00	3	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
61	Internship on IoT devices	Innovation	Training	Flextronics Technologies (India)Private Limited	Corporate / Industry Association	08-11-2019 00:00:00	13-11-2019 00:00:00	6	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	3000	No

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62	Internship on IOT devices	Innovation	Training	Flextronics Technologies (India) Private Limited	Corporate / Industry Association	08-11-2019 00:00:00	13-11-2019 00:00:00	6	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
63	Social media Analytic workshop	Innovation	Training	Retech Solutions Private Limited, Chennai	Corporate / Industry Association	17-09-2019 00:00:00	24-09-2019 00:00:00	8	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
64	Internship on data science	Innovation	Training	Retech Solutions Private Limited, Chennai	Corporate / Industry Association	24-12-2019 00:00:00	28-12-2019 00:00:00	5	14	0	14	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
65	Training on operations and Finance	Innovation	Training	Integral Coach Factory	Govt. Agency (State)	01-07-2019 00:00:00	08-07-2019 00:00:00	8	1	0	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
66	Training on Electrical and Electronics Products	Innovation	Training	RRT Electro Powwer Private Limited	Corporate / Industry Association	25-12-2019 00:00:00	03-01-2020 00:00:00	10	6	0	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
67	Training on Electrical and Electronics Products	Innovation	Training	RRT Electro Powwer Private Limited	Corporate / Industry Association	16-12-2019 00:00:00	24-12-2019 00:00:00	9	5	0	5	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
68	Training on water purification	Innovation	Training	J B Nag Water Tech Pvt. Ltd.,	Corporate / Industry Association	31-12-2019 00:00:00	04-01-2020 00:00:00	5	6	0	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
69	Training on water Disalination	Innovation	Training	J B Nag Water Tech Pvt. Ltd.,	Corporate / Industry Association	23-12-2019 00:00:00	28-12-2019 00:00:00	6	4	0	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No

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70	Training on AI	Innovation	Training	EDALL Systems	Corporate / Industry Association	23-12-2019 00:00:00	28-12-2019 00:00:00	6	6	0	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
71	Training on Automation	Innovation	Training	EDALL Systems	Corporate / Industry Association	16-12-2019 00:00:00	21-12-2019 00:00:00	6	5	0	5	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
72	Training on AI	Innovation	Training	I-Grandee Unmanned Systems Pvt Limited	Corporate / Industry Association	17-12-2019 00:00:00	21-12-2019 00:00:00	5	7	0	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
73	Training on Automation	Innovation	Training	I-Grandee Unmanned Systems Pvt Limited	Corporate / Industry Association	16-03-2020 00:00:00	20-03-2020 00:00:00	5	6	0	6	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
74	RADAR TECHNOLOGIES	Innovation	Seminar	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE	Educational Institute	20-01-2020 00:00:00	20-01-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	3000	No
75	E - SIMULATION	Innovation	Workshop	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Educational Institute	23-01-2020 00:00:00	25-01-2020 00:00:00	3	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
76	International conference on Recent Advancements in material Science	Innovation	Conference	New college, Chennai	Educational Institute	21-01-2020 00:00:00	21-01-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
77	National conference on Hybrid Materials and Medical applications	Innovation	Conference	Theivanai Ammal College for Women, Villupuram	Educational Institute	11-12-2019 00:00:00	11-12-2019 00:00:00	1	0	2	2	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	5000	No

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78	International conference on Recent Advances in material Science (NewPhy 2020) January 2020	Innovation	Conference	New college, Chennai	Educational Institute	21-01-2020 00:00:00	21-01-2020 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No						
79	Workshop on Intellectual Property Rights	IPR	Workshop	Vels Institute of Science Technology and Advanced Studies	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	500	No						
80	2nd International Conference on Photonics Research	Innovation	Conference	Kemer, Antalya-Turkey	International Agencies	04-11-2019 00:00:00	09-11-2019 00:00:00	6	0	1	1	Yes	Certificate	A brief Report on Hemocompatible, Photodynamic, Anti-Microbial Behaviour Of Phloroglucinol Succinic Acid (PGSA) Dendrimer	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>A brief Report on Hemocompatible, Photodynamic, Anti-Microbial Behaviour Of Phloroglucinol Succinic Acid (PGSA) Dendrimer</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Certificate	Title of Innovation / Start-up Secured the Award / Recognition	A brief Report on Hemocompatible, Photodynamic, Anti-Microbial Behaviour Of Phloroglucinol Succinic Acid (PGSA) Dendrimer	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	Certificate																						
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81	National Seminar on Material science and its applications	Innovation	Seminar	Meenaksi Chandrasekaran College of Arts and Science, Karambaya, Pattukkotta	Educational Institute	22-01-2020 00:00:00	22-01-2020 00:00:00	1	0	1	1	Yes	Certificate	Synthesis, crystal growth, characterization and Hirshfeld surface analysis of 2-aminopyridinium 4-aminobenzoate single crystal for non linear optical applications.	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	Certificate	Title of Innovation / Start-up Secured the Award / Recognition	Synthesis, crystal growth, characterization and Hirshfeld surface analysis of 2-aminopyridinium 4-aminobenzoate single crystal for non linear optical applications.	Award/Recognition/Achievement Received for	Novel Research Paper/Work
82	Business Process Reengineering- A Global Perspective	Innovation	Innovation Contest	Gurunank College	Educational Institute	21-02-2020 00:00:00	22-02-2020 00:00:00	2	140	2	142	Yes	Presenter	Business Process Reengineering- A Global Perspective	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	Award / Position / Recognition Secured	Presenter	Title of Innovation / Start-up Secured the Award / Recognition	Business Process Reengineering- A Global Perspective	Award/Recognition/Achievement Received for	Novel Research Paper/Work
83	International Conference on Computer Networks and Inventive Communication Technologies (ICC NCT 2019)	Innovation	Conference	RVS Technical Campus, Coimbatore	Educational Institute	23-05-2019 00:00:00	24-05-2019 00:00:00	2	105	21	126	Yes	certificate	-	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	-	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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84	International conference on Electrical, Electronics, Computer Science and Information Technology (ICEECST)	Innovation	Conference	Advanced Research Society For Science and Sociology	Non-Govt. Agencies	21-05-2019 00:00:00	21-05-2019 00:00:00	1	54	12	66	Yes	certificate	-	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	certificate
85	National Conferences on Recent Advances in on-boardship Automation	Innovation	Conference	Academy of Maritime Education and training	Educational Institute	26-09-2019 00:00:00	27-09-2019 00:00:00	2	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No	
86	National level Technical Symposium - Nexus 2k19	Innovation	Seminar	DR.M.G.R University, 69, Anna Salai, Rd, Guindy, Chennai, Tamil Nadu 600032.	Educational Institute	12-09-2019 00:00:00	13-09-2019 00:00:00	2	6	0	6	Yes	First prize and Second prize Award	Best Paper Award	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	First prize and Second prize Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Best Paper Award
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work
87	National Level Technical Symposium - ALTIUS 2K19	Innovation	Seminar	Dhanalakshmi College of Engineering, Manimangalam Post, Chennai - 601 301 Tamilnadu, India	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	2	0	2	Yes	Award - First Prize	Award, Circuit Debugging	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	Award / Position / Recognition Secured	Award - First Prize
																	Title of Innovation / Start-up Secured the Award / Recognition	Award, Circuit Debugging
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work

**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**

88	Two day workshop on Powder X-Ray diffraction and data processing	Entrepreneurship/Startup	Workshop	Vels Institute of Science Technology and Advanced Studies, Chennai	Educational Institute	27-09-2019 00:00:00	28-09-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	500	No
89	Innovation on Management and financial operations	Innovation	Training	ICFAI Business School, Bangalore	Educational Institute	01-05-2019 00:00:00	02-05-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	No
90	workshop on Higher Education Initiatives	Innovation	Workshop	JNTU Antapur	Govt. Agency (State)	13-02-2020 00:00:00	13-02-2020 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	4308	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 Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	03-01-2020	10-04-2020	99	Offline	27	45
2	Software Metrics	Innovation	Elective/Core Credit Course	Master	Computer Science	01-07-2019	07-11-2019	130	Offline	23	75
3	Internet of Things (IOT)	Innovation	Elective/Core Credit Course	Master	Computer Science	09-12-2019	23-04-2020	137	Offline	23	75
4	R Programming	Innovation	Elective/Core Credit Course	Master	Computer Science	09-12-2019	23-04-2020	137	Offline	23	75
5	Natural Language Processing (NLP)	Innovation	Elective/Core Credit Course	Master	Computer Science	01-07-2019	07-11-2019	130	Offline	28	75
6	Animation	Entrepreneurship/Startup	Full time Program	Bachelor	Animation	01-07-2019	30-10-2019	122	Offline	40	60
7	Green Chemistry	Innovation	Full time Program	Diploma	Chemistry	01-07-2019	08-05-2020	313	Offline	39	42
8	MEDICAL LAB TECHNOLOGY	Entrepreneurship/Startup	Short term Course	Diploma	Bio-Chemistry	07-12-2019	11-12-2020	371	Offline	85	144
9	Creativity innovation and new product development	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Bio Engineering	09-12-2019	16-03-2020	99	Offline	39	45
10	Water analysis	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Chemistry	09-12-2019	08-05-2020	152	Online	31	35
11	Clinical Pathology	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Bio Engineering	09-12-2019	04-04-2020	118	Offline	28	35



12	BASIC INDUSTRIAL BIOTECHNOLOGY	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	02-07-2019	18-10-2019	109	Offline	27	45
13	ANALYTICAL METHODS AND INSTRUMENTATION	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	09-12-2019	04-04-2020	118	Offline	28	45
14	GENETIC ENGINEERING AND GENOMICS	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	09-12-2019	30-04-2020	144	Offline	30	45
15	MOLECULAR MODELLING AND DRUG DESIGN	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	09-12-2019	30-04-2020	144	Offline	45	30
16	PRINCIPLES OF FOOD PROCESSING	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Bio Engineering	09-12-2019	30-04-2020	144	Offline	39	45
17	Animal Biotechnology	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	09-12-2019	04-04-2020	118	Offline	39	45
18	Marine Biotechnology	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Bio Engineering	07-03-2019	18-10-2019	226	Offline	38	45
19	INDUSTRIAL SAFETY	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	01-07-2019	15-11-2019	138	Offline	58	30
20	ADVANCED THEORY OF IC ENGINES	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	01-07-2019	15-11-2019	138	Offline	30	45
21	AUTOMOTIVE SAFETY	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	01-07-2019	15-11-2019	138	Offline	30	45
22	HYDRAULICS AND PNEUMATICS SYSTEM	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	01-07-2019	15-11-2019	138	Offline	58	45
23	SPECIAL TYPES OF VEHICLES	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	01-07-2019	15-11-2019	138	Offline	58	45
24	AUTOMOTIVE ELECTRICAL AND ELECTRONICS SYSTEM	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	08-05-2020	152	Offline	30	45
25	ALTERNATE FUELS AND ENERGY SYSTEMS	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	08-05-2020	152	Offline	30	45
26	ENERGY AUDIT AND ENERGY CONSERVATION METHODS	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	08-05-2020	152	Offline	30	45
27	AUTOMOTIVE AIR CONDITIONING	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	08-05-2020	152	Offline	58	45
28	MODERN AUTOMOTIVE ACCESSORIES	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	08-05-2020	152	Offline	58	45
29	INDUSTRIAL MARKETING AND MARKET RESEARCH	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Automobile Engineering	09-12-2019	23-04-2020	137	Offline	58	45
30	ENTREPRENEURIAL DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	09-12-2019	23-04-2020	137	Online	159	75
31	PRACTICAL AUDITING	Innovation	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	09-12-2019	23-04-2020	137	Online	159	75

32	E-BUSINESS	Innovation	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	01-07-2019	31-10-2019	123	Offline	159	75
33	Customer relationship Management	Innovation	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	01-07-2019	31-10-2019	123	Offline	159	75
34	Human Resources Development	Innovation	Short term Course	Bachelor	Bachelor of Business Administration	01-07-2019	31-10-2019	123	Offline	159	75
35	Retail management	Innovation	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	11-11-2019	23-04-2020	165	Online	159	75
36	Emotional Intelligence and managerial effectiveness	Innovation	Elective/Core Credit Course	Bachelor	Bachelor of Business Administration	11-11-2019	23-04-2020	165	Online	159	75
37	Certification in Web Designing	IPR	Short term Course	Short Term Certificate Course	Bachelor of Computer Application and Information Technology	16-12-2019	20-03-2020	96	Offline	19	30
38	Cheminformatics and Pharmacogenomics	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Bioinformatics	06-01-2020	20-04-2020	106	Offline	27	40
39	Next Generation Sequencing Technologies	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Bioinformatics	03-01-2020	03-04-2020	92	Offline	11	40
40	Hospital Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	03-07-2019	29-10-2019	119	Offline	32	45
41	Troubleshooting of medical instruments	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	03-07-2019	01-11-2019	122	Offline	24	45
42	Medical Informatics	Innovation	Elective/Core Credit Course	Bachelor	Biomedical Engineering	03-07-2019	29-10-2019	119	Offline	24	45
43	Advanced Medical Imaging Devices	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biomedical Engineering	02-01-2020	09-04-2020	99	Offline	32	45
44	Biotechniques and Bioinstrumentation	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	03-07-2019	18-09-2019	78	Offline	38	45
45	CANCER BIOLOGY AND THERAPEUTICS	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	01-07-2019	18-09-2019	80	Offline	30	45
46	Plant Biotechnology	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Bio Engineering	01-07-2019	18-10-2019	110	Offline	30	45
47	Basics of Forensic science	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Bio Engineering	03-07-2019	18-10-2019	108	Offline	38	45
48	ENTREPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Bio Engineering	30-07-2019	18-10-2019	81	Offline	30	45
49	Clinical Pathology	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Bio Engineering	09-12-2019	30-04-2020	144	Offline	27	30
50	Basic Chemistry	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Chemistry	05-08-2019	15-11-2019	103	Offline	35	60

51	Chemistry of Hydrocarbon	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Chemistry	05-08-2019	15-11-2019	103	Offline	35	45
52	Quality control and quality assurance in drugs and pharmaceuticals	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Chemistry	09-12-2019	07-04-2020	121	Offline	10	60
53	Strategic management of Pharma industries	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Chemistry	09-12-2019	07-04-2020	121	Offline	10	60
54	Synthesis of APIs and their manufacture	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Chemistry	05-08-2019	15-11-2019	103	Offline	10	60
55	Novel material and green industrial catalysis	Innovation	Elective/Core Credit Course	Master	Chemistry	05-08-2019	15-11-2019	103	Offline	40	60
56	Pharmaceutical formulation technology-I	Innovation	Elective/Core Credit Course	Master	Chemistry	05-08-2019	15-11-2019	103	Offline	10	60
57	Pharmaceuticals formulation technology-II	Innovation	Elective/Core Credit Course	Master	Chemistry	12-08-2019	07-04-2020	240	Offline	10	60
58	Introduction to nano science and nano technology	Innovation	Elective/Core Credit Course	Bachelor	Chemistry	05-08-2019	15-11-2019	103	Offline	60	35
59	Chemistry in every day life	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Chemistry	09-12-2019	07-04-2020	121	Offline	50	60
60	Agro industrial chemistry	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CHEMISTRY	09-12-2019	07-04-2020	121	Offline	50	60
61	CHEMICAL AND MICROBIOLOGICAL ANALYSIS OF WATER	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	CHEMISTRY	09-12-2019	07-04-2020	121	Offline	31	35
62	ANALYSIS OF WATER	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	CHEMISTRY	09-12-2019	07-04-2020	121	Offline	31	35
63	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CIVIL	20-12-2019	10-04-2020	113	Online	121	45
64	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	CIVIL	20-12-2019	10-04-2020	113	Online	18	45
65	Computer Aided Design and Drafting Laboratory	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CIVIL	17-12-2019	10-04-2020	116	Online	101	45
66	Repair and Rehabilitation of Structures	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CIVIL	17-12-2019	10-04-2020	116	Online	125	45
67	Surveying and Geomatics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CIVIL	22-12-2019	10-04-2020	111	Offline	44	45
68	Disaster Preparedness and Planning	Innovation	Elective/Core Credit Course	Bachelor	CIVIL	22-12-2019	10-04-2020	111	Online	41	45
69	Quality Control and Assurance in Construction	Innovation	Elective/Core Credit Course	Master	CIVIL	22-12-2019	10-04-2020	111	Online	19	45
70	Contract Laws and Regulations	Entrepreneurship/Startup	Elective/Core Credit Course	Master	CIVIL	22-12-2019	10-04-2020	111	Online	19	45
71	SAP Enterprise Resource Planning	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	118	40

72	Machine learning using Python	Innovation	Short term Course	Short Term Certificate Course	COMPUTER SCIENCE ENGINEERING	27-01-2020	06-03-2020	40	Offline	26	40
73	Computer Science and Engineering	IPR	Full time Program	Bachelor	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	106	45
74	Big Data Programming	Innovation	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	106	45
75	Cloud Computing	Innovation	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	123	45
76	Computer Networks	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	97	45
77	Software Engineering	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	97	45
78	Programming Paradigms	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	97	45
79	Artificial Intelligence	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	97	45
80	Software Defined Network	Entrepreneurship/Startup	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	49	45
81	Object Oriented Programming	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	108	45
82	Operating Systems	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	108	45
83	Design and Analysis of Algorithms	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	108	45
84	Programming for Problem Solving	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	01-07-2019	31-10-2019	123	Offline	86	45
85	Database Management Systems	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	96	60
86	Data Structures using python	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	118	45

87	Computer Organization and Architecture	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	92	118
88	Python programming	Entrepreneurship/Startup	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	118	45
89	Internet Programming	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	126	45
90	Object Oriented Analysis and Design	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	126	45
91	Principles of Compiler Design	Innovation	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	126	45
92	Data Warehousing and Data Mining	Entrepreneurship/Startup	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	126	45
93	Principles of Management and Professional Ethics	IPR	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	126	45
94	Cyber Security	Entrepreneurship/Startup	Full time Program	Credit Course (Elective)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	155	45
95	Software Project Management	Entrepreneurship/Startup	Full time Program	Credit Course (Compulsory)	COMPUTER SCIENCE ENGINEERING	16-12-2019	21-03-2020	97	Offline	155	45
96	Robotic Process Automation	Innovation	Short term Course	Bachelor	ELECTRONICS AND COMMUNICATION ENGINEERING	18-09-2019	28-09-2020	377	Offline	30	60
97	REAL TIME EMBEDDED SYSTEM DESIGN	Innovation	Short term Course	Short Term Certificate Course	ELECTRICAL AND ELECTRONICS ENGINEERING	03-02-2020	04-04-2020	62	Online	41	45
98	Electric circuits and power electronics simulation lab	Innovation	Elective/Core Credit Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	04-06-2020	20-10-2020	139	Offline	26	45
99	Embedded Systems	Innovation	Elective/Core Credit Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	04-06-2020	20-10-2020	139	Offline	50	45

100	Digital Electronics	Innovation	Elective/Core Credit Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	04-01-2020	30-04-2020	118	Online	26	45
101	Electric drives and control	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	04-01-2020	30-04-2020	118	Online	60	45
102	Hotel and Catering Management	Entrepreneurship/Startup	Full time Program	Bachelor	HOTEL AND CATERING MANAGEMENT	01-07-2019	08-05-2020	313	Offline	33	235
103	Diploma in Hotel and Catering Management	Entrepreneurship/Startup	Full time Program	Diploma	HOTEL AND CATERING MANAGEMENT	01-07-2019	08-05-2020	313	Offline	15	235
104	Certificate Courses in Bakery and Confectionery	Entrepreneurship/Startup	Full time Program	Diploma	HOTEL AND CATERING MANAGEMENT	01-07-2019	08-05-2020	313	Offline	1	235
105	Basic Bakery and Confectionery (Value Added Course)	Entrepreneurship/Startup	Short term Course	Diploma	HOTEL AND CATERING MANAGEMENT	09-08-2019	13-03-2020	218	Offline	17	30
106	Certificate Course in Food Production	Entrepreneurship/Startup	Full time Program	Diploma	HOTEL AND CATERING MANAGEMENT	01-07-2019	08-05-2020	313	Offline	2	235
107	Certificate Course in Food and Beverage Service	Entrepreneurship/Startup	Full time Program	Diploma	HOTEL AND CATERING MANAGEMENT	01-07-2019	08-05-2020	313	Offline	1	235
108	IPR	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	09-06-2019	24-04-2020	321	Online	133	60
109	Information Technology Law	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	09-12-2019	23-04-2020	137	Online	111	60
110	Drafting Pleading And Conveyance	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	15-06-2020	27-11-2020	166	Online	94	60
111	Arbitration Mediation and Conciliation	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	09-12-2019	23-04-2020	137	Offline	130	60
112	Forensic Science	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	15-06-2020	27-11-2020	166	Offline	94	60
113	Taxation Law	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	15-06-2020	27-11-2020	166	Online	133	60
114	Media Law	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	09-12-2019	23-04-2020	137	Offline	94	60
115	Labour Law	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	15-06-2020	27-11-2020	166	Online	224	60
116	Environmental Law	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	LAW	15-06-2020	27-11-2020	166	Online	135	60
117	Real Analysis	Innovation	Elective/Core Credit Course	Bachelor	Mathematics	09-12-2019	08-05-2020	152	Offline	46	60

118	Quantitative techniques	Innovation	Short term Course	Short Term Certificate Course	Mathematics	08-01-2020	15-04-2020	99	Offline	13	30
119	Entrepreneurship in Practice	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	MBA	01-07-2019	30-10-2019	122	Offline	87	45
120	Human Resource Metrics Analytics	Innovation	Elective/Core Credit Course	Credit Course (Elective)	MBA	01-07-2019	30-10-2019	122	Offline	24	45
121	MBA Business Analytics	Innovation	Full time Program	Master	MBA	01-07-2019	30-05-2020	335	Offline	16	30
122	Capstone project	Innovation	Elective/Core Credit Course	Bachelor	MCA	05-08-2020	20-11-2020	108	Online	25	45
123	Microbiology	Innovation	Short term Course	Short Term Certificate Course	Microbiology	15-06-2020	30-11-2020	169	Offline	35	60
124	Risers and Mooring Lines	Innovation	Short term Course	Short Term Certificate Course	Naval Architecture	16-12-2019	15-05-2020	152	Online	12	30
125	Design of Floating Offshore Structures	Innovation	Elective/Core Credit Course	Bachelor	Naval Architecture	16-12-2019	15-05-2020	152	Online	29	30
126	Petroleum Engineering	Innovation	Elective/Core Credit Course	Bachelor	Petroleum Engineering	15-12-2019	14-05-2020	152	Offline	39	32
127	Advanced Drilling Technology	Innovation	Short term Course	Short Term Certificate Course	Petroleum Engineering	16-12-2019	15-05-2020	152	Online	5	45
128	Energy Technology Elective	Innovation	Elective/Core Credit Course	Bachelor	Petroleum Engineering	16-12-2019	15-05-2020	152	Online	40	40
129	Supply Chain Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Petroleum Engineering	16-12-2019	15-05-2020	152	Online	40	40
130	Electronic Communications	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Physics	01-07-2019	08-11-2019	131	Offline	34	52
131	Solid State Physics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Physics	09-12-2019	10-04-2020	124	Offline	34	52
132	Nanomaterial and its Application	Entrepreneurship/Startup	Full time Program	Bachelor	Physics	09-12-2019	10-04-2020	124	Offline	34	51
133	Energy Physics	Entrepreneurship/Startup	Full time Program	Bachelor	Physics	01-07-2019	04-11-2019	127	Offline	34	52
134	Applied Physics	Entrepreneurship/Startup	Full time Program	Bachelor	Physics	09-12-2019	10-04-2020	124	Offline	34	51
135	Thesis Dissertation	Innovation	Full time Program	Bachelor	Physics	09-12-2019	10-04-2020	124	Offline	34	52
136	Laser Physics and Spectroscopy	Entrepreneurship/Startup	Full time Program	Bachelor	Physics	01-07-2019	04-11-2019	127	Offline	34	52
137	Nuclear and Particle Physics	Entrepreneurship/Startup	Full time Program	Bachelor	Physics	01-07-2019	04-11-2019	127	Offline	34	52
138	Electricity and Magnetism	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	01-07-2019	04-11-2019	127	Offline	39	52
139	Properties of Matter and Acoustics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	24-07-2019	08-11-2019	108	Offline	19	54
140	General Chemistry-I	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	01-07-2019	04-11-2019	127	Offline	30	50
141	Mechanics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	24-07-2019	08-11-2019	108	Offline	19	51
142	Thermal Physics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	24-07-2019	08-11-2019	108	Offline	19	52

143	Environmental Studies	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	01-07-2019	04-11-2019	127	Offline	39	45
144	Optics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	24-07-2019	08-11-2019	108	Offline	18	52
145	Atomic Physics	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	09-12-2019	10-04-2020	124	Offline	39	52
146	General Chemistry II	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	PHYSICS	09-12-2019	10-04-2020	124	Offline	36	50
147	Visual Communication - Basic	Innovation	Full time Program	Bachelor	VISCOM	07-01-2019	15-11-2019	313	Offline	98	60
148	Advancement in Visual Communication	Entrepreneurship/Startup	Full time Program	Bachelor	VISCOM	01-07-2019	15-11-2019	138	Offline	95	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)**

Sno	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	ERP-SAP	Entrepreneurship/Startup	Employment Generation Training Programs	COMPUTER SCIENCE	09-12-2019	23-04-2020	137	Offline	131	75
2	Biomedical waste management	Entrepreneurship/Startup	Employment Generation Training Programs	BIOMEDICAL	16-12-2019	06-03-2020	82	Offline	19	30
3	FDP on ICT Tools	Innovation	FDP in I&E / IPR	COMPUTER SCIENCE	11-05-2020	16-06-2020	37	Online	100	32
4	PHP and MT Sql	Innovation	FDP in I&E / IPR	COMPUTER SCIENCE	14-05-2020	18-05-2020	5	Online	50	30
5	Network Security	Innovation	FDP in I&E / IPR	COMPUTER SCIENCE	15-06-2020	19-06-2020	5	Online	50	35
6	Artificial Intelligence	Innovation	FDP in I&E / IPR	COMPUTER SCIENCE	15-06-2020	20-06-2020	6	Online	100	30
7	Artificial Intelligence and Applications	Innovation	FDP in I&E / IPR	COMPUTER SCIENCE	20-04-2020	30-04-2020	11	Online	100	60
8	Animation	Entrepreneurship/Startup	Employment Generation Training Programs	ANIMATION	01-07-2019	30-10-2019	122	Offline	40	60
9	MEDICAL LAB TECHNOLOGY	Entrepreneurship/Startup	Employment Generation Training Programs	BIOCHEMISTRY	07-12-2019	11-12-2020	371	Offline	85	144
10	Total Station	Entrepreneurship/Startup	Employment Generation Training Programs	CIVIL	20-12-2019	10-03-2020	82	Offline	70	40
11	Successful Entrepreneur	Entrepreneurship/Startup	Employment Generation Training Programs	BIOTECHNOLOGY	05-07-2019	30-10-2019	118	Online	2	40
12	Refresher Course on Teacher and Teaching in Higher Education	Innovation	Employment Generation Training Programs	BIOTECHNOLOGY	01-09-2019	15-01-2020	137	Online	8	40



13	CERTIFICATE COURSE ON BIONANOTECHNOLOGY (CBNT)	Entrepreneurship/Startup	EDP in I&E / IPR	BIOTECHNOLOGY	15-05-2020	21-05-2020	7	Online	4	45
14	CERTIFICATE COURSE ON BIONANOTECHNOLOGY (CBNT)	Entrepreneurship/Startup	FDP in I&E / IPR	BIOTECHNOLOGY	15-05-2020	11-06-2020	28	Online	2	45
15	Plant Bioinformatics	Innovation	Employment Generation Training Programs	BIONIFORMATICS	07-01-2019	10-10-2019	277	Offline	34	65
16	Cheminformatics	Innovation	Employment Generation Training Programs	BIONIFORMATICS	09-12-2019	16-03-2020	99	Offline	34	53
17	Medical Coding and Transcription	Entrepreneurship/Startup	Employment Generation Training Programs	BIONIFORMATICS	09-12-2019	16-03-2020	99	Offline	34	40
18	PROGRAMMING IN PERL AND BIOPERL	Innovation	Employment Generation Training Programs	BIOINFORMATICS	07-01-2019	16-03-2020	435	Offline	27	60
19	Opportunities in Visual Communication	Entrepreneurship/Startup	Employment Generation Training Programs	VISCOM	20-07-2019	15-11-2019	119	Offline	8	60
20	Hackathon - Software and Hardware Contest	Innovation	Employment Generation Training Programs	COMPUTER SCIENCE ENGINEERING	17-10-2019	20-10-2019	4	Offline	75	30
21	Hackathon-Software Testing	Innovation	Employment Generation Training Programs	COMPUTER SCIENCE ENGINEERING	19-01-2020	22-01-2020	4	Offline	200	32
22	Microsoft Technology Associate for Database Administration Fundamentals	Entrepreneurship/Startup	Employment Generation Training Programs	BCA AND IT	07-08-2019	30-08-2019	24	Online	1	60
23	Internet of Things	Entrepreneurship/Startup	FDP in I&E / IPR	BCA AND IT	10-04-2020	14-04-2020	5	Online	1	30
24	Employment Generation Skill Development (Campus Recruitment Training )	Innovation	Employment Generation Training Programs	MBA	27-08-2019	31-08-2019	5	Offline	170	30
25	Employment Generation Skill Development Program( Business Communication)	Innovation	Employment Generation Training Programs	MBA	27-08-2019	11-11-2019	77	Offline	87	60
26	Certificate Course on clinical Pathology	Entrepreneurship/Startup	Employment Generation Training Programs	BIOTECHNOLOGY	09-12-2019	13-04-2020	127	Online	27	30
27	Entrepreneurship Development	Entrepreneurship/Startup	EDP in I&E / IPR	COMMERCE CA	02-01-2020	30-03-2020	89	Offline	154	450
28	TNSCST IPR Training Program	IPR	FDP in I&E / IPR	VISTAS IPR Cell	16-10-2019	19-10-2019	4	Offline	60	30
29	Start up life cycle and Patent Registration	IPR	FDP in I&E / IPR	Civil Engineering	14-10-2019	17-10-2019	4	Offline	30	30
30	Big Data Architecture	Innovation	EDP in I&E / IPR	Computer Science and Engineering	18-06-2020	21-06-2020	4	Online	100	30
31	Software Testing	Innovation	FDP in I&E / IPR	Computer Science and Engineering	11-05-2020	16-05-2020	6	Online	100	32
32	Latest Trends and Challenges in Software Technology	Entrepreneurship/Startup	Employment Generation Training Programs	Computer Science and Engineering	15-06-2020	20-06-2020	6	Online	70	48

33	SAP Development	Entrepreneurship/Startup	Employment Generation Training Programs	Computer Science and Engineering	09-12-2019	20-03-2020	103	Offline	30	206
34	Management Studies and Commerce	Entrepreneurship/Startup	EDP in I&E / IPR	MBA	02-01-2020	23-03-2020	82	Offline	150	160
35	TNSCST - Innovative Ideas and Product Exhibits	Innovation	FDP in I&E / IPR	School of Basic Sciences	16-10-2019	19-10-2019	4	Offline	50	32

**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. R. Durga	Computer Science	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	ICT Tools	Innovation	FDP in I&E, IPR	SREE VIDYANIKETHAN ENGINEERING COLLEGE	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
	PHP and MYSql	Innovation	FDP in I&E, IPR	Sona college	Educational Institute	14-05-2020 00:00:00	18-05-2020 00:00:00	5	Online
	Network Security	Innovation	FDP in I&E, IPR	Panimalar Engineering	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online
	Latest Trends in Challenges	Innovation	FDP in I&E, IPR	R.M.D Engineering college	Educational Institute	15-06-2020 00:00:00	20-06-2020 00:00:00	6	Online
	Introduction to Data Science	Innovation	FDP in I&E, IPR	Guntur Engineering College	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	Python	Innovation	FDP in I&E, IPR	Easwari Engineering college	Educational Institute	21-04-2020 00:00:00	30-04-2020 00:00:00	10	Online
2	Dr.T.Sree Kala	Computer Science	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	ICT Tools	Innovation	FDP in I&E, IPR	Sree Vidyanikethan Engineering College, Tirupathi	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
	Python 3.4.3 and R	Innovation	FDP in I&E, IPR	Easwari Engineering College	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online
Artificial Intelligence	Innovation	FDP in I&E, IPR	Sathyabama Institute of Science and Technology	Educational Institute	15-06-2020 00:00:00	20-06-2020 00:00:00	6	Online	
3	Dr.S.Mangayarkarasi	Computer Science	Assistant Professor	No	Yes				

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
ICT Tools	Innovation	FDP in I&E, IPR	SREE VIDYANIKETHAN ENGINEERING COLLEGE,,Sree Sainath Nagar, Tirupati 517 102	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
PHP AND MYSQL	Innovation	FDP in I&E, IPR	Sona College of Technology, Salem	Educational Institute	14-05-2020 00:00:00	18-05-2020 00:00:00	5	Online
R Programming	Innovation	FDP in I&E, IPR	Sri Krishna Arts and Science College,Coimbatore	Educational Institute	19-04-2020 00:00:00	24-04-2020 00:00:00	6	Online
Python 3.4.3 and R	Innovation	FDP in I&E, IPR	Spoken Tutorial Project, IIT Bombay remotely by Easwari Engineering College, Chennai	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online

4	Dr. S. Saradha	Computer Science	Assistant Professor	No	Yes
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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
Artificial Intelligence	Innovation	FDP in I&E, IPR	Sathyabama Institute of Science and Technology	Educational Institute	15-06-2020 00:00:00	20-06-2020 00:00:00	6	Online
ICT TOOLS	Innovation	FDP in I&E, IPR	Sree Vidyaniethan Engineering College, Tirupati	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
ICT TOOLS	Innovation	FDP in I&E, IPR	Easwari Engineering College, Ramapuram, Chennai	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online
PHP AND MY SQL	Innovation	FDP in I&E, IPR	SONA College of Technology	Educational Institute	14-05-2020 00:00:00	18-05-2020 00:00:00	5	Online

5	Parvathavarthini K	Computer Science	Assistant Professor	No	Yes
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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
Certification Course	Innovation	Short term Certificate	DataTeach Labs	Non-Govt. Agencies	27-04-2020 00:00:00	22-05-2020 00:00:00	26	Online
Five Days Faculty Development Programme	Innovation	FDP in I&E, IPR	Gates Institute of Technology, Andhra Pradesh	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online

6	Dr. G. Thailambal	Computer Science	Associate Professor	No	Yes
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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
ICT TOOLS	Innovation	FDP in I&E, IPR	STP-IIT BOMBAY AND SRI VIDYANEEKETAN ENGINEERING COLLEGE	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
R Training	Innovation	FDP in I&E, IPR	SPOKEN TUTORIAL PROJECT-IIT-BOMBAY AND EASWARI ENGINEERING COLLEGE	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online
Python 3.4.3 Training	Innovation	FDP in I&E, IPR	Spoken Tutorial Project-IIT Bombay and Easwari Engineering College	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online
Postgre-SQL	Innovation	FDP in I&E, IPR	Sona College of Technology-Spoken Tutorial project-IIT-Bombay	Educational Institute	18-05-2020 00:00:00	23-05-2020 00:00:00	6	Online

7	Dr. A.S.ARUNACHALAM	Computer Science	Associate Professor	No	Yes			
Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Short Term Training	Innovation	Short term Certificate	IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.	Educational Institute	20-05-2020 00:00:00	29-05-2020 00:00:00	10	Online
Object Oriented Programming	Innovation	FDP in I&E, IPR	Panimalar Institute of Technology	Educational Institute	22-06-2020 00:00:00	27-06-2020 00:00:00	6	Online
TECHNIQUES IN ENHANCING TEACHING and LEARNING SKILLS	Innovation	FDP in I&E, IPR	Internal Quality Assurance Cell (IQAC), Idhaya College for Women, Kumbakonam	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online
Emerging Trends and Applications	Innovation	FDP in I&E, IPR	SSS SHAUSAN JAIN College , Chennai	Educational Institute	19-05-2020 00:00:00	22-05-2020 00:00:00	4	Online
Short term training for Python 3.4.3	Innovation	FDP in I&E, IPR	Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.	Govt. Agency (Central)	20-05-2020 00:00:00	29-05-2020 00:00:00	10	Online

8	Dr.S.Perumal	Computer Science	Associate Professor	No	Yes
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	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
	Data Science for Biomedical Applications	Innovation	FDP in I&E, IPR	Department of Biomedical Engineering, Velalar College of Engineering and Technology	Educational Institute	26-05-2020 00:00:00	01-06-2020 00:00:00	7	Online
	Big Data Engineering	Innovation	FDP in I&E, IPR	Kings Engineering College , Sriperumbudur	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
	Moodle Learning Management System training	Innovation	Short term Certificate	SRM Institute of Science and Technology, Ramapuram Campus, Chennai	Educational Institute	20-05-2020 00:00:00	29-05-2020 00:00:00	10	Online
	IOT and Cloud Applications	Innovation	FDP in I&E, IPR	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT	Educational Institute	06-07-2020 00:00:00	10-07-2020 00:00:00	5	Online
	-	Innovation	FDP in I&E, IPR	Meenakshi College of Engineering, Chennai	Educational Institute	09-07-2020 00:00:00	14-07-2020 00:00:00	6	Online
9	Dr.A.Akila	Computer Science		Associate Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Internet of Things IoT AND Its Applications in Industry	Innovation	Short term Certificate	RAIT Nerul Navi Mumbai and B AND R Industrial Automation Pvt. Ltd, Pune	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
Effective Usage of ICT tools for E-content Preparation	Innovation	Short term Certificate	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni	Educational Institute	27-04-2020 00:00:00	02-05-2020 00:00:00	6	Online
Cyber Security Vulnerabilities and Safeguards	Innovation	FDP in I&E, IPR	National Institute of Technical Teachers Training and Research (NITTTR), Chandigath	Educational Institute	28-05-2020 00:00:00	10-06-2020 00:00:00	14	Online
Python 3.4.3	Innovation	FDP in I&E, IPR	Hindusthan College of Arts and Science, Coimbatore and Spoken Tutorial IIT Bombay	Educational Institute	13-04-2020 00:00:00	17-04-2020 00:00:00	5	Online
Arduino	Innovation	FDP in I&E, IPR	Adhiparasakthi Engineering College, Melmaruvathur and Spoken Tutorial IIT Bombay	Educational Institute	16-04-2020 00:00:00	22-04-2020 00:00:00	7	Online
Data Sciences using Python and R	Innovation	FDP in I&E, IPR	Easwari Engineering College, Chennai and Spoken Tutorial IIT Bombay	Educational Institute	20-04-2020 00:00:00	30-04-2020 00:00:00	11	Online
R	Innovation	FDP in I&E, IPR	Sri Krishna Arts and Science College, Coimbatore and Spoken Tutorial IIT Bombay	Educational Institute	19-04-2020 00:00:00	24-04-2020 00:00:00	6	Online
Engendering the Next Generation Educators	Innovation	FDP in I&E, IPR	Nehru Arts and Science College Coimbatore	Educational Institute	23-04-2020 00:00:00	28-04-2020 00:00:00	6	Online
Biopython, Digital India and Introduction to Computers	Innovation	FDP in I&E, IPR	Sri Ramakrishna College of Arts and Science (Autonomous), Coimbatore and Spoken Tutorial IIT Bombay	Educational Institute	25-04-2020 00:00:00	29-04-2020 00:00:00	5	Online
Latex and XFig	Innovation	FDP in I&E, IPR	Loyola College, Mettala and Spoken Tutorial IIT Bombay	Educational Institute	27-04-2020 00:00:00	01-05-2020 00:00:00	5	Online
Recent Trends in Information, Computing, Communication and Teaching Methodology Competency	Innovation	FDP in I&E, IPR	Sairam Engineering College, Chennai	Educational Institute	04-05-2020 00:00:00	17-05-2020 00:00:00	14	Online
PHP and MySQL	Innovation	FDP in I&E, IPR	Vellore Institute of Technology, Chennai and Spoken Tutorial IIT Bombay	Educational Institute	11-05-2020 00:00:00	15-05-2020 00:00:00	5	Online

	Trending Technologies for Computing – Data Science using Python	Innovation	FDP in I&E, IPR	Stella Maris College, Chennai	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
	Joy of Python	Innovation	FDP in I&E, IPR	Shri Shankarlal Sundarbai Shasun Jain College for Women	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	Recent Trends and Applications of Machine Learning AND Deep Learning Algorithms in Information Technology	Innovation	Short term Certificate	D Y Patil Ramrao Adik Institute of Technology, Navi Mumbai	Educational Institute	25-05-2020 00:00:00	29-05-2020 00:00:00	5	Online

10	DR. A. THIRUMURTHI RAJA	Computer Science	Assistant Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	PHP AND MY SQL	Innovation	FDP in I&E, IPR	SONA COLLEGE OF TECHNOLOGY, SALEM	Educational Institute	14-05-2020 00:00:00	18-05-2020 00:00:00	5	Online
	TECHNOLOGIES FOR TRANSFORMATION	Innovation	FDP in I&E, IPR	SRI JAYENDRA SARASWATHY MAHA VIDYALAYA COLLEGE, COIMBATORE	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
	INTRODUCTION TO DATA SCIENCE	Innovation	FDP in I&E, IPR	GUNTUR ENGINEERING COLLEGE, GUNTUR, A.P	Educational Institute	18-05-2020 00:00:00	22-05-2020 00:00:00	5	Online
	NETWORK SECURITY	Innovation	FDP in I&E, IPR	PANIMALAR ENGINEERING COLLEGE, CHENNAI	Educational Institute	15-06-2020 00:00:00	19-06-2020 00:00:00	5	Online

11	Dr.R.Parameswari	Computer Science	Associate Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	PHP and MySQL	Innovation	FDP in I&E, IPR	SRIDEVI WOMEN'S ENGINEERING COLLEGE	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
	Latex	Innovation	FDP in I&E, IPR	Sanjay Ghodawat University, Kolhapur	Educational Institute	27-04-2020 00:00:00	02-05-2020 00:00:00	6	Online
	ENGENDERING THE NEXT GENERATION EDUCATORS	Innovation	FDP in I&E, IPR	Nehru Arts and Science College	Educational Institute	23-04-2020 00:00:00	28-04-2020 00:00:00	6	Online
	R Programming	Innovation	FDP in I&E, IPR	Sri Krishna Arts and Science College	Educational Institute	19-04-2020 00:00:00	24-04-2020 00:00:00	6	Online
	Python 3.4.3	Innovation	FDP in I&E, IPR	Hindusthan College of Arts and Science	Educational Institute	13-04-2020 00:00:00	17-04-2020 00:00:00	5	Online
	Joy of Python	Innovation	FDP in I&E, IPR	Shri Shankarlal Sundarbai Shasun Jain College for Women	Educational Institute	18-05-2020 00:00:00	24-05-2020 00:00:00	7	Online

12	Padma R	Computer Science	Assistant Professor	No	Yes
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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
Big Data Engineering	Innovation	FDP in I&E, IPR	Kings Engineering College	Educational Institute	01-06-2020 00:00:00	05-06-2020 00:00:00	5	Online
-	IPR	FDP in I&E, IPR	Andhra Pradesh State Skill Development Corporation	Govt. Agency (State)	01-06-2020 00:00:00	30-06-2020 00:00:00	30	Offline
Recent Trends In Information, Computing, Communication And Teaching Methodology	Innovation	FDP in I&E, IPR	Sri Sairam Engineering College ANDMHRD	Govt. Agency (Central)	04-05-2020 00:00:00	17-05-2020 00:00:00	14	Online
Internet Of Things(IoI) AND Its Applications In Industry	Innovation	Short term Certificate	Department of Instrumentation Engineering, Ramrao Adik Institute Of Technology, Navi Mumbai And B7r Automation Pvt.Ltd.Pune	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
CSIR_Summer Research Training Program	Innovation	Employment Generation Training Programs	CSIR-NEIST, Jorhat	Govt. Agency (Central)	24-06-2020 00:00:00	31-08-2020 00:00:00	69	Online
Machine Learning and Data Science for Engineering Applications	Innovation	FDP in I&E, IPR	Sadhana College Engineering and Technology Hyderabad	Educational Institute	05-06-2020 00:00:00	10-06-2020 00:00:00	6	Online
Internet of things and its applications in industry	Innovation	Short term Certificate	RAIT Nerul Navi Mumbai and B AND R Industrial Automation Pvt. Ltd, Pune	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
Effective Usage of ICT tools for E-content	Innovation	FDP in I&E, IPR	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni	Educational Institute	27-04-2020 00:00:00	02-05-2020 00:00:00	6	Online
Faculty Development Programme on Python 3.4.3	Innovation	FDP in I&E, IPR	Hindusthan College of Arts and Science, Coimbatore and Spoken Tutorial IIT Bombay	Govt. Agency (Central)	13-04-2020 00:00:00	17-04-2020 00:00:00	5	Online
R Programming	Innovation	FDP in I&E, IPR	Sri Krishna Arts and Science College, Coimbatore and Spoken Tutorial IIT Bombay	Govt. Agency (Central)	19-04-2020 00:00:00	24-04-2020 00:00:00	6	Online

13	Dr. R Pugazhenth	Mechanical	Associate Professor	No	Yes				
	<b>Training Name</b>	<b>Training Theme</b>	<b>Type of Course</b>	<b>Training Agency Name</b>	<b>Training Agency Type</b>	<b>Training Start Date</b>	<b>Training End Date</b>	<b>Training Duration (in Days)</b>	<b>Mode of Delivery</b>
	Effective Research -Tools, Funding and IPR	IPR	Short term Certificate	Hindustan College of Engineering and Technology, Coimbatore, Tamilnadu	Educational Institute	07-09-2020 00:00:00	10-09-2020 00:00:00	4	Online
14	Dr. R. Sridhar	Mechanical	Assistant Professor	No	Yes				



	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Manufacturing Applications of Micromachining with Emphasis on Make in India	Innovation	Short term Certificate	R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY, Chennai, Tamilnadu	Educational Institute	16-11-2020 00:00:00	21-11-2020 00:00:00	6	Online
15	S. ARUNKUMAR	Mechanical		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	3D Printing and Design	Innovation	Short term Certificate	B S Abdur Rahman Crescent Institute of Science and Technology	Educational Institute	07-12-2020 00:00:00	11-12-2020 00:00:00	5	Online
16	R MUTHU KAMATCHI	Mechanical		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	3D Printing and Design	Innovation	Short term Certificate	B S Abdur Rahman Crescent Institute of Science and Technology	Educational Institute	07-12-2020 00:00:00	11-12-2020 00:00:00	5	Online
17	Dr.S.Sivaganesan	Mechanical		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Effective Research - Tools, Funding and IPR	IPR	Short term Certificate	Hindustan College of Engineering and Technology, Coimbatore, Tamilnadu	Educational Institute	07-09-2020 00:00:00	10-09-2020 00:00:00	4	Online
18	Manjuladevi.K	Pharmacology		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Four Week online MOOC FDP Course entitled Effective Use of ICT tools in Teaching-Learning	IPR	Short term Certificate	Modern college of Pharmacy	Educational Institute	08-06-2020 00:00:00	07-07-2020 00:00:00	30	Online
19	Dr.T.S.Shanmugarajan	Pharmaceutics		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Coursera	Innovation	Short term Certificate	Politecnico di Milano is a scientific-technological University	Educational Institute	01-09-2020 00:00:00	30-09-2020 00:00:00	30	Online
	-	IPR	FDP in I&E, IPR	Association of Pharmaceutical Teachers of India	Educational Institute	08-06-2020 00:00:00	07-07-2020 00:00:00	30	Online

20	Dr.D.Akiladevi		Pharmaceutics		Associate Professor		No		Yes		
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Covid -19 What you need to Know		Innovation	Short term Certificate	Osmosos.Org	Educational Institute	22-08-2020 00:00:00	22-09-2020 00:00:00	32	Online	
	Covid -19 Contact Tracing online non credit course		Innovation	Short term Certificate	Johns Hopkins University	Educational Institute	22-08-2020 00:00:00	22-09-2020 00:00:00	32	Online	
21	Ananthakumar R		Pharmaceutics		Associate Professor		No		Yes		
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Online teaching refresher course in pharmacy		Entrepreneurship/Startup	Short term Certificate	Swayam-ARPIT	Govt. Agency (Central)	05-09-2019 00:00:00	15-01-2020 00:00:00	133	Online	
	Understanding research methods		Entrepreneurship/Startup	Short term Certificate	COURSERA	Non-Govt. Agencies	06-08-2020 00:00:00	19-09-2020 00:00:00	45	Online	
	Drug Engineering		Entrepreneurship/Startup	FDP in I&E, IPR	AICTE-ATAL	Govt. Agency (Central)	26-10-2020 00:00:00	30-01-2021 00:00:00	97	Online	
	Mind control: managing your mental health during COVID-19		Entrepreneurship/Startup	Short term Certificate	COURSERA	Non-Govt. Agencies	19-08-2020 00:00:00	19-09-2020 00:00:00	32	Online	
	Write professional emails in english		Entrepreneurship/Startup	Short term Certificate	COURSERA	Non-Govt. Agencies	16-07-2020 00:00:00	22-09-2020 00:00:00	69	Online	
	COVID-19 Contact tracing		Entrepreneurship/Startup	Short term Certificate	COURSERA	Non-Govt. Agencies	05-08-2020 00:00:00	20-09-2020 00:00:00	47	Online	
	Speak English Professionally In Person, Online AND On the Phone		Innovation	Short term Certificate	COURSERA	Non-Govt. Agencies	01-09-2020 00:00:00	30-09-2020 00:00:00	30	Online	
22	Dr.M.Sumithra		Pharmaceutical Chemistry and Analysis		Associate Professor		No		Yes		
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery	
	Being a researcher (in Information Science and Technology)		Innovation	Short term Certificate	Coursera	Educational Institute	27-09-2020 00:00:00	27-10-2020 00:00:00	31	Online	
	Effective use of ICT tools in Teaching and Learning		Innovation	FDP in I&E, IPR	Association of Pharmaceutical Teachers of India with MOOC platform	Educational Institute	08-06-2020 00:00:00	07-07-2020 00:00:00	30	Online	
23	Dr.E.Susithra		Pharmacognosy		Assistant Professor		Yes		Yes		
	Highest degree name in I&E and IPR	PhD	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
	Degree Type	PhD									
	Year of Highest degree in I&E and IPR	2016									
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		
24	Dr.E.N.Ganesh		ECE		Dean		Yes		Yes		

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**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	Entrepreneurship Club	Idea Club	2015	Co-working Space	Incubation Unit	12	Ms. Anitha .R	aniberry94@gmail.com	9677508371
2	Robotics Club	Idea Club	2015	Co-working Space	Incubation Unit	2	Mr. Deepak B.S	mr.arivaali@gmail.com	9551463968
3	Innovation Club	Innovation Club	2015	Co-working Space	Incubation Unit	2	Mr. Syed Rizwan	rizwanimran13@gmail.com	9381343716

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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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	Arcomm Tech Solutions Pvt. Ltd	Startup Cell	2016	Co-working Space	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Raaza</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arunraaza@arcomm.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9884277007</td> </tr> </table>	Facility Incharge Name	Dr. Arun Raaza	Facility Incharge Email	arunraaza@arcomm.com	Facility Incharge Phone	9884277007	5	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>97800</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	97800	Yes
Facility Incharge Name	Dr. Arun Raaza																								
Facility Incharge Email	arunraaza@arcomm.com																								
Facility Incharge Phone	9884277007																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	97800																								
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		Vels CARD Fund		Not-Govt. Agencies		60000																			

**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	SynapticsEHR Technologies Pvt. Ltd	Startup Cell	2019	Co-working Space	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Arun Babu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>support@synaptics.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9035766766</td> </tr> </table>	Facility Incharge Name	Dr.Arun Babu	Facility Incharge Email	support@synaptics.com	Facility Incharge Phone	9035766766	5	Yes	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>65400</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	65400	Yes
Facility Incharge Name	Dr.Arun Babu																								
Facility Incharge Email	support@synaptics.com																								
Facility Incharge Phone	9035766766																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	65400																								
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					Vels CARD Fund		Not-Govt. Agencies		70000																

**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	Weeroda Technologies Pvt.Ltd	Startup Cell	2019	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name	Mr. Dhinakar	6	Yes	Yes		Yes	
							Facility Incharge Email	dhinakar@weeroda.com			Total Annual Income from Training and Skill Development Services (In Rupees)	0		
							Facility Incharge Phone	9884554785			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400		
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					Vels CARD Fund			Not-Govt. Agencies			60000			

**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	Cybernexa	Startup Cell	2019	Co-working Space	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Magesh Kumar	10	No	Yes		Yes	
							Facility Incharge Email	kumar@calibsoft.com			Total Annual Income from Training and Skill Development Services (In Rupees)	0		
							Facility Incharge Phone	9841578877			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	65400		
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					Vels CARD Fund			Not-Govt. Agencies			60000			



**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	Calibsoft	Startup Cell	2019	Co-working Space	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Magesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kumar@calibsoft.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841578877</td> </tr> </table>	Facility Incharge Name	Dr. Magesh Kumar	Facility Incharge Email	kumar@calibsoft.com	Facility Incharge Phone	9841578877	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>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>56400</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400	Yes
Facility Incharge Name	Dr. Magesh Kumar																								
Facility Incharge Email	kumar@calibsoft.com																								
Facility Incharge Phone	9841578877																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400																								
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		Vels CARD Fund		Not-Govt. Agencies		50000																			

**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	VENVIRON ENERGY TECHNOLOGIES PRIVATE LIMITED	Startup Cell	2019	Co-working Space	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Facility Incharge Name	Dr. Mahesh Kumar	10	Yes	Yes		Yes	
							Facility Incharge Email	mahesh@cybernexa.com			Total Annual Income from Training and Skill Development Services (In Rupees)	0		
							Facility Incharge Phone	9841578877			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400		
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							Vels CARD Fund			Not-Govt. Agencies			60000	

**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)**

7	Scitus Pharma Services Private Limited	Startup Cell	2018	Co-working Space	Incubation Unit, Innovation Labs, Innovation Park, Research Park, Centre of Excellence with Advance Tools	Incubation Unit, Innovation Labs, Innovation Park, Research Park, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>SHAN MUGA M MUTH USAMY</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pm@scitusbiolab.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>994036042</td> </tr> </table>	Facility Incharge Name	SHAN MUGA M MUTH USAMY	Facility Incharge Email	pm@scitusbiolab.com	Facility Incharge Phone	994036042	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>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>56400</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400	Yes
Facility Incharge Name	SHAN MUGA M MUTH USAMY																								
Facility Incharge Email	pm@scitusbiolab.com																								
Facility Incharge Phone	994036042																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																								
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	56400																								
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		Vels CARD Fund		Not-Govt. Agencies		70000																			

**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	Centre for IOT in Road Safety, Agriculture and Healthcare	2020	Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Raaza</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arunraaza@arcomm.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9884277007</td> </tr> </table>	Facility Incharge Name	Dr. Arun Raaza	Facility Incharge Email	arunraaza@arcomm.com	Facility Incharge Phone	9884277007	10	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <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>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </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)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Dr. Arun Raaza																						
Facility Incharge Email	arunraaza@arcomm.com																						
Facility Incharge Phone	9884277007																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	120000																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
2	Artificial Intelligence Research Lab	2018	Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. S. Arun</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.s@velsuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962506209</td> </tr> </table>	Facility Incharge Name	Dr. S. Arun	Facility Incharge Email	arun.s@velsuniv.ac.in	Facility Incharge Phone	9962506209	6	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>1922800</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </tbody> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1922800	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Dr. S. Arun																						
Facility Incharge Email	arun.s@velsuniv.ac.in																						
Facility Incharge Phone	9962506209																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	1922800																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
3	Vels IPR Cell	2016	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. R. A. Kalaiyani</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director.sbs@velsuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9962506223</td> </tr> </table>	Facility Incharge Name	Dr. R. A. Kalaiyani	Facility Incharge Email	director.sbs@velsuniv.ac.in	Facility Incharge Phone	9962506223	8	No	No	No								
Facility Incharge Name	Dr. R. A. Kalaiyani																						
Facility Incharge Email	director.sbs@velsuniv.ac.in																						
Facility Incharge Phone	9962506223																						

**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	IBM Centre for Excellence	2010	Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs	IBM India Private Limited	Facility Incharge Name	Mrs. K. Kalaiivani	10	No	Yes		Yes
					Facility Incharge Email	kalai.s e@vel suniv.a c.in			Total Annual Income from Training and Skill Development Services (In Rupees)	120000	
					Facility Incharge Phone	99625 06224			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									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 (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	Center for Materials Research	2018	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	Facility Incharge Name	Dr. M. Chandrasekaran	6	Yes	Yes		Yes
					Facility Incharge Email	director.mech@velsuniv.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	99625 06351			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	613000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)																				
Funding Agency		CVRDE		Govt. Agency (Central)		613000																				
2	Centre for Energy and Alternative Fuels	2018	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. A. M. Shanmughara j</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shanmughar.ceaf@velsuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9566134630</td> </tr> </table>	Facility Incharge Name	Dr. A. M. Shanmughara j	Facility Incharge Email	shanmughar.ceaf@velsuniv.ac.in	Facility Incharge Phone	9566134630	6	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>150000</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> <td></td> </tr> </tbody> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	150000		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Facility Incharge Name	Dr. A. M. Shanmughara j																									
Facility Incharge Email	shanmughar.ceaf@velsuniv.ac.in																									
Facility Incharge Phone	9566134630																									
Yes		No																								
Total Annual Income from Training and Skill Development Services (In Rupees)	150000																									
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																									
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																									

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

1	VISTAS SPS LAB	2018	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. P. Shanmugam undaram</td> </tr> <tr> <td>Facility Incharge Email</td> <td>director.sps@velsuni.v.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>04422662500</td> </tr> </table>	Facility Incharge Name	Dr. P. Shanmugam undaram	Facility Incharge Email	director.sps@velsuni.v.ac.in	Facility Incharge Phone	04422662500	7	No	<table border="1"> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>150000</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> <td></td> </tr> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	150000		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		No
Facility Incharge Name	Dr. P. Shanmugam undaram																										
Facility Incharge Email	director.sps@velsuni.v.ac.in																										
Facility Incharge Phone	04422662500																										
Yes		No																									
Total Annual Income from Training and Skill Development Services (In Rupees)	150000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
2	The Elephant Research Centre [Centre for Elephant Disease Control and Prevention (CEDCP) & Elephant Formulary]	2017	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Vels Institute of Science Technology and Advanced Studies - CARD FUND	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V. Santhosh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>natu9sea@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840126575</td> </tr> </table>	Facility Incharge Name	Dr. V. Santhosh Kumar	Facility Incharge Email	natu9sea@gmail.com	Facility Incharge Phone	9840126575	5	No	<table border="1"> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>200000</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> <td></td> </tr> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	200000		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0		No
Facility Incharge Name	Dr. V. Santhosh Kumar																										
Facility Incharge Email	natu9sea@gmail.com																										
Facility Incharge Phone	9840126575																										
Yes		No																									
Total Annual Income from Training and Skill Development Services (In Rupees)	200000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										

**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?
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**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

1	VELS IPR CELL	2016	Incubation Unit, Innovation Park/Research Park, Centre of Excellence with Advance Tools, Student Clubs		Facility Incharge Name	Dr.R.A .Kalaivani	5	No	Yes		No
					Facility Incharge Email	director.sbs@velsuniv.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	25000	
					Facility Incharge Phone	9962506223			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

**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. M. Chandrasekaran	Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Collapsible blade wind mill		Within	

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

<b>No Data Filled!</b>
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**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			
						TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	10000	Arcomm	Non-Govt. Agencies	50000	01-04-2019	10000
1	AI Incorporated Park Cleaning Robot	Product Innovation	Technological	Vels Institute of Science, Technology and Advanced Studies	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	10000	Arcomm	Non-Govt. Agencies	50000	01-04-2019	10000
Name		Type			Gender		Email			Contact						
Dr. Arun Raaza		Faculty			Male		arunraaza@arcomm.com			9884277007						
2	Cost Effective Emergency Charger	Product Innovation	Technological	Vels Institute of Science, Technology and Advanced Studies	Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	10000	Arcomm	Non-Govt. Agencies	50000	01-04-2019	10000

Name	Type	Gender	Email	Contact
Dr. Arun Raaza	Faculty	Male	arunraaza@arcomm.com	9884277007

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20	Had the venture/startup 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 venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/ incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	Arcomm Tech Solutions Pvt. Ltd.	Product Innovation	Technological	4114	Faculty	Venture with Corporate Identification Number (CIN) Registration	2016-17	Graduated from the Incubation unit	No	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Dr. Arun Raaza		-		Faculty		Male		arunraaza@arcomm.com		9884277007			
2	Scitus Pharma Services Private Limited	Process Innovation	Technological	6020	External to the Institute/ incubatee	Venture with Corporate Identification Number (CIN) Registration	2017-18	Graduated from the Incubation unit	No	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Shanmugam Muthusamy		02684873		Innovator/Entrepreneur External to Institute		Male		arajavel@gmail.com		9940306042			

3	Scitus Pharma Services Private Limited	Product Innovation	Non-Technological	6020	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U74999TN2017PTC118805	2017-18	Graduated from the Incubation unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
SHANMUGAM MUTHUSAMY		02684873		Innovator/Entrepreneur External to Institute		Male		arajavel@gmail.com		9940306042			
4	VENVIRON ENERGY TECHNOLOGIES PRIVATE LIMITED	Service Innovation	Non-Technological	6015	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	U31904TN2020PTC138898	2019-20	Graduated from the Incubation unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Dr. Mahesh Kumar		138898		Innovator/Entrepreneur External to Institute		Male		mahesh@cybernexa.com		9841578877			

### 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	ABE Semiconductor Designs	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	10	17-07-2019
2	M/s.Elektronik Lab India Pvt. Ltd., Chennai.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	6	19-09-2019
3	M/s.GUVI Geek Network Pvt. Ltd., Taramani	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	26-09-2019
4	Thulir Welfare Association	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	5	27-09-2019
5	Flame Advertising Co .Pvt Ltd	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Networking	4	29-10-2019
6	Nrithyakalamandir Fine Arts Academy, Chennai.	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	7	28-11-2019
7	Infact Pro Trainers OPC Pvt. Ltd., Saidapet, Chennai	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	22-11-2019
8	Victoria University, Melbourne, Australia	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	8	02-07-2019
9	Salem University, U.S.A	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	5	30-07-2019
10	Faurecia Interieur Industrie France	International Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Seed fund	1	29-08-2019

11	New Zealand Aviation – Aotearoa, New Zealand	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	3	16-09-2019
12	IBM India Pvt., Ltd., Bangalore.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	5	01-07-2019
13	Exonn Biosciences, Chennai.	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	7	24-01-2020
14	Organogenik Biotech Private Ltd. Chennai	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	10	08-02-2020
15	G.J.Multiclave (India) Pvt. Ltd., Chennai	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	8	22-02-2020
16	Eattributes Soft Technologies Pvt. Ltd.,	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	12	17-02-2020
17	Elephant Care International Hohenwald, USA	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	5	01-07-2019
18	AIMST University Malaysia	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	5	25-02-2020

### 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	Hepatoprotective Effect of the Seagrass-Enhalus Acoroides	201941045086	National	2019 - 06	Uploaded
2	Rehabilitative Wheelchair for Disabled Dogs	201941045087	National	2019 - 06	Uploaded
3	Bio Nano Composite Degradable Plastic	201941045088	National	2019 - 06	Uploaded
4	Performance Study on Graphene Oxide Coated Zinc Anode Battery	201941045089	National	2019 - 06	Uploaded
5	A Method to Enhance Blood Brain Barrier Permeability of Curcumin	201941045090	National	2019 - 06	Uploaded
6	IMPROVING ENERGY OF A NODE IN HOSTILE ENVIRONMENT	201941018719	National	2019 - 06	Uploaded
7	Process on Image for Earthquake Damage Assessment	201941029682	National	2019 - 07	Uploaded
8	A system of oriented Medical Insurance prediction with machine learning Integrated IoT	201941041623	National	2019 - 10	Uploaded
9	PROCESS TO DISPLAY AIR PURITY INDEX	201941041701	National	2019 - 10	Uploaded

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

**No Data Filled!**

**Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

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

### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. P. SARAVANAN (Head of Institute) and Dr. Chandrasekaran.M (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

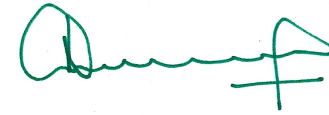
The Head of Institute



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Dr. P. SARAVANAN  
Head of the Institution,  
Chennai, Tamil Nadu

Nodal officer



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Dr. Chandrasekaran.M  
Nodal Officer,  
Chennai, Tamil Nadu