



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: P.E.S College of Engineering, Mandya [ARI-C-1345]

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	Automobile Engineering - Foundary and Forging Lab	Academic Department with lab facility	Manufacturing Methods	UG / PG / PhD	Both	31	2	2
2	Automobile Engineering - Metallography and Material Testing Lab	Academic Department with lab facility	Testing of Engineering Material	UG / PG / PhD	Both	31	2	2
3	Automobile Engineering-Engine and components Lab	Academic Department with lab facility	Dismantle and Assembly of IC Engines and its Components	UG / PG / PhD	Both	34	2	3
4	Automobile Engineering - Modeling and Analysis Lab	Academic Department with lab facility	Analysis of bar, beam, structures using Ansys software	UG / PG / PhD	Both	34	3	2
5	Automobile Engineering - Automotive Testing and servicing Lab	Academic Department with lab facility	performance of engine and wheel balancing test procedure	UG / PG / PhD	Both	31	2	3
6	Automobile Engineering - Diagnosis and Reconditioning Lab	Academic Department with lab facility	Trouble shooting of engine components and repair	UG / PG / PhD	Both	31	2	3
7	Automobile Engineering - CAD-CAM LAB	Academic Department with lab facility	CAMD-2D Drawing	UG / PG / PhD	Both	31	3	2
8	Automobile Engineering - Machine Shop Practice	Academic Department with lab facility	Conventional types of Manufacturing methods	UG / PG / PhD	Both	31	2	2
9	Automobile Engineering - Automotive Chasis and Transmission Lab	Academic Department with lab facility	Dismantal and assembly of types of gear box, differential, etc.,	UG / PG / PhD	Both	34	2	3
10	Automobile Engineering - Automotive Electrical and Autotronics Lab	Academic Department with lab facility	Testing of batteries, servicing of wiper motor and wiring connection in automobile	UG / PG / PhD	Both	34	2	3
11	Automobile Engineering - Project lab	Pre-incubation unit	SAE, UG projects	UG / PG / PhD	Both	31	8	7

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12	Automobile Engineering - KTS-590 EQUIPMENT	Centre of Excellence with Advance Tools & Equipment	ON BOARD DIOGNOSITIC-EQUIPMENT FOR VEHICLE TESTING	UG / PG / PhD	Both	31	2	4
13	Automobile Engineering - FIVE GAS ANALYSER	Centre of Excellence with Advance Tools & Equipment	EMISSION TESTING	UG / PG / PhD	Both	31	2	4
14	Automobile Engineering - Advanced Engine Lab	Centre of Excellence with Advance Tools & Equipment	ADVANCED ENGINE (COMPUTERISED PERFORMANCE TESTING)	UG / PG / PhD	Both	31	2	4
15	Automobile Engineering - AUTO ELECTRICAL TEST BENCH	Centre of Excellence with Advance Tools & Equipment	TO CHECK THE CONDITIONS OF STARTER MOTOR AND ALTERNATOR	UG / PG / PhD	Both	31	2	4
16	Automobile Engineering - COMPUTERISED WHEEL ALIGNMENT	Academic Department with lab facility	TO ALLIGN THE WHEELS OF THE VEHICLE	UG / PG / PhD	Both	34	2	4
17	Automobile Engineering - VARIABLE COMPRESSION RATIO ENGINE	Pre-incubation unit	COMPUTERISED ENGINE PERFORMANCE BY VARYING COMPRESSION RATIO	UG / PG / PhD	Both	1	2	4
18	Automobile Engineering - UNIVERSAL TEST RIG	Pre-incubation unit	COMPUTERISED ENGINE PERFORMANCE TEST	UG / PG / PhD	Both	2	1	3
19	Automobile Engineering - VCR ENGINE	Pre-incubation unit	PROJECT LAB	UG / PG / PhD	Both	1	2	2
20	Chemistry - Engineering Chemistry laboratory	Academic Department with lab facility	experiments under volumetric and instrumental parts in Engineering	UG / PG / PhD	Technical	696	12	6
21	Chemistry - Physical organic Chemistry laboratory	Academic Department with lab facility	Study the rate constant in the different types rate of reaction	UG / PG / PhD	Both	1	2	1
22	Electrical and Electronics Engg - Analog and Digital Electronics Lab	Academic Department with lab facility	Analog and Digital Electronics	UG / PG / PhD	Technical	52	7	2
23	Electrical and Electronics Engg - Analog Electronics and Digital Electronics Lab	Academic Department with lab facility	Analog Electronics & Digital Electronics	UG / PG / PhD	Technical	52	7	2
24	Electrical and Electronics Engg - Circuit Simulation and Measurement Lab	Academic Department with lab facility	Circuit Simulation and Measurement	UG / PG / PhD	Technical	52	6	2
25	Electrical and Electronics Engg - Electrical Machines - I Lab	Academic Department with lab facility	Electrical Machines - I	UG / PG / PhD	Technical	62	6	2
26	Electrical and Electronics Engg - Microcontrollers Lab	Academic Department with lab facility	Microcontrollers	UG / PG / PhD	Technical	62	6	2

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27	Electrical and Electronics Engg - Power Electronics Lab	Academic Department with lab facility	Power Electronics	UG / PG / PhD	Technical	66	5	2
28	Electrical and Electronics Engg - Electrical Machines - II Lab	Academic Department with lab facility	Electrical Machines - II	UG / PG / PhD	Technical	66	5	2
29	Electrical and Electronics Engg - Skill Oriented Lab	Academic Department with lab facility	Technical Skill - I	UG / PG / PhD	Both	66	2	1
30	Electrical and Electronics Engg - Power System Simulation Lab	Academic Department with lab facility	Power System Simulation	UG / PG / PhD	Technical	50	5	2
31	Electrical and Electronics Engg - Relay and High Voltage	Academic Department with lab facility	Relay and High Voltage	UG / PG / PhD	Technical	50	4	2
32	Electrical and Electronics Engg - Control system and DSP lab	Academic Department with lab facility	Control system and DSP	UG / PG / PhD	Technical	66	5	2
33	Electrical and Electronics Engg - Electrical Auto CAD Lab	Academic Department with lab facility	Electrical Auto CAD	UG / PG / PhD	Technical	66	4	2
34	Electrical and Electronics Engg - High Voltage Engineering Unit	Centre of Excellence with Advance Tools & Equipment	High Voltage Engineering	UG / PG / PhD	Technical	0	2	1
35	Industrial and Production Engineering - Basic Measuring Equipments	Academic Department with lab facility	Mechanical Engineering sciences	UG / PG / PhD	Technical	144	19	0
36	Industrial and Production Engineering - Metrology Unit	Pre-incubation unit	Material Science and Metrology	UG / PG / PhD	Technical	125	8	0
37	Industrial and Production Engineering - Casting Unit	Pre-incubation unit	Composite material processing	UG / PG / PhD	Technical	10	8	0
38	Information Science and Engineering - Data structure Lab	Academic Department with lab facility	Data structure	UG / PG / PhD	Technical	54	2	2
39	Information Science and Engineering - Digital Design Lab	Academic Department with lab facility	Digital design	UG / PG / PhD	Technical	54	3	2
40	Information Science and Engineering - Programming Lab	Academic Department with lab facility	Python Programming and Java Programming	UG / PG / PhD	Technical	28	1	1
41	Information Science and Engineering - Database Management System	Academic Department with lab facility	Database Management	UG / PG / PhD	Technical	28	1	1
42	Information Science and Engineering - App Development Centre	Academic Department with lab facility	Mobile App Development	UG / PG / PhD	Technical	34	1	2
43	Information Science and Engineering - Web Service Unit	Academic Department with lab facility	Web Service	UG / PG / PhD	Technical	34	1	1
44	Information Science and Engineering - Analysis and Design of Algorithms Lab	Academic Department with lab facility	Analysis and Design of Algorithms	UG / PG / PhD	Technical	54	2	1

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45	Information Science and Engineering - Networks lab	Academic Department with lab facility	Networks	UG / PG / PhD	Technical	28	2	1
46	Information Science and Engineering - IOT Lab	Academic Department with lab facility	IOT	UG / PG / PhD	Technical	28	3	1
47	Information Science and Engineering - Data Science Lab	Pre-incubation unit	Data Science	UG / PG / PhD	Technical	28	8	0
48	Master of Bussiness Administration - Data Analytics Lab	Academic Department with lab facility	Data Analytics	UG / PG / PhD	Both	113	8	2
49	Engineering Physics	Academic Department with lab facility	To conduct different experiments based on optics, applied physics and circuits in the stream of Engineering Physics.	UG / PG / PhD	Technical	722	12	8
50	Environmental Radioactivity Research Laboratory	Pre-incubation unit	To study the radiation dose rate in the outdoor and indoor environment.	UG / PG / PhD	Both	1	2	1
51	Mechanical Engineering - Computer Aided Engineering Drawing	Academic Department with lab facility	Engineering Drawing	UG / PG / PhD	Both	540	36	4
52	Mechanical Engineering - Basic Mechanical Engineering Science Laboratory	Academic Department with lab facility	Basic Mechanical Science	UG / PG / PhD	Both	540	24	4
53	Mechanical Engineering - Computer Aided Machine Drawing	Academic Department with lab facility	Basic Machinery Design	UG / PG / PhD	Both	270	24	2
54	Mechanical Engineering - Foundry and Forging Lab	Academic Department with lab facility	Production	UG / PG / PhD	Both	270	24	2
55	Mechanical Engineering - Metrology and Measurements Laboratory	Academic Department with lab facility	Mechanical measurements	UG / PG / PhD	Both	270	24	2
56	Mechanical Engineering - Basic Materials Testing Laboratory	Academic Department with lab facility	Basic Materials Testing Laboratory	UG / PG / PhD	Both	270	24	2
57	Mechanical Engineering - Machine shop	Academic Department with lab facility	Machine Tools	UG / PG / PhD	Both	180	16	2
58	Mechanical Engineering - I C Engine and Fluid Machinery Lab	Academic Department with lab facility	Thermal Engineering	UG / PG / PhD	Both	167	15	2
59	Mechanical Engineering - Computer Aided Modeling and Analysis Lab	Academic Department with lab facility	Design, Modeling and Analysis	UG / PG / PhD	Technical	172	14	2
60	Mechanical Engineering - Heat and Mass Transfer Lab	Academic Department with lab facility	Thermal	UG / PG / PhD	Technical	173	15	2

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61	Mechanical Engineering - Design Lab	Academic Department with lab facility	Engineering Design	UG / PG / PhD	Technical	172	15	2
62	Mechanical Engineering - Simulation Lab	Academic Department with lab facility	modeling, and Analysis	UG / PG / PhD	Technical	170	15	2
63	Mechanical Engineering - Project Lab	Pre-incubation unit	Modernization of Mechanical Engineering	UG / PG / PhD	Both	20	2	1
64	Mechanical Engineering - Wire Electric Discharge Machine	Pre-incubation unit	Optimization of Process parameters in Wire EDM	UG / PG / PhD	Technical	8	4	2
65	Mechanical Engineering - Machine Vision System	Pre-incubation unit	Performance Monitoring of Comosite Materials while Machining and Welding	UG / PG / PhD	Technical	8	4	2
66	Mechanical Engineering - Acoustic Emission Kit	Pre-incubation unit	machining performances during wedm of metal matrix composites	UG / PG / PhD	Technical	8	2	1
67	Mechanical Engineering - Micro Finishing (Honing) Machine	Pre-incubation unit	Micro Finishing of internal primitives through Extrusion Honing Process	UG / PG / PhD	Technical	4	2	1
68	Mechanical Engineering - Digital Manufacturing Lab	Pre-incubation unit	FDM - 3D Printing and 3D Scanning	UG / PG / PhD	Technical	1	1	0
69	Mechanical Engineering - Journal Bearing Test Rig	Pre-incubation unit	investigation of the surface roughness of materials	UG / PG / PhD	Technical	1	1	0
70	Mechanical Engineering - Centre for Alternate Fuel	Research Unit / Park	Bio Fuel, Wet Waste Biogas Generation and Bottling	At all level	Technical	15	10	5
71	Mechanical Engineering - Center for Diagnostic Maintenance (CDM)	Centre of Excellence with Advance Tools & Equipment	Tool Condition Monitoring during Machining	UG / PG / PhD	Technical	9	4	1
72	Electronics and Communication Engineering - Digital Circuits Design Lab	Academic Department with lab facility	Digital Circuits Design	UG / PG / PhD	Technical	131	9	2
73	Electronics and Communication Engineering- Analog Electronic Circuits Lab	Academic Department with lab facility	Analog Electronic Circuits	UG / PG / PhD	Technical	131	9	2
74	Electronics and Communication Engineering - Digital Signal Processing Laboratory	Academic Department with lab facility	Digital Signal Processing	UG / PG / PhD	Technical	140	10	1
75	Electronics and Communication Engineering - Optical and Analog Communication laboratory	Academic Department with lab facility	Optical and Analog Communication	UG / PG / PhD	Technical	140	7	2
76	Electronics and Communication Engineering - Analog and Digital VLSI Design Laboratory	Academic Department with lab facility	Analog and Digital VLSI Design	UG / PG / PhD	Technical	150	9	1

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77	Electronics and Communication Engineering - Computer Communication and Protocol laboratory	Academic Department with lab facility	Computer Communication and Protocol	UG / PG / PhD	Technical	150	10	1
78	Electronics and Communication Engineering - Embedded System Lab	Academic Department with lab facility	Embedded Systems	UG / PG / PhD	Technical	11	2	1
79	Electronics and Communication Engineering - Microcontroller Laboratory	Academic Department with lab facility	Microcontrollers	UG / PG / PhD	Technical	131	9	1
80	Electronics and Communication Engineering - Digital Design Using Verilog HDL Laboratory	Academic Department with lab facility	Digital Design Using Verilog HDL	UG / PG / PhD	Technical	131	8	1
81	Electronics and Communication Engineering - Circuit Simulation Laboratory	Academic Department with lab facility	Communication Engineering - Circuit Simulation	UG / PG / PhD	Technical	140	8	1
82	Electronics and Communication Engineering - Microwave and Digital Communication Laboratory	Academic Department with lab facility	Microwave and Digital Communication	UG / PG / PhD	Technical	140	7	2
83	Electronics and Communication Engineering - VLSI Design Lab	Academic Department with lab facility	VLSI Design	UG / PG / PhD	Technical	11	2	1
84	Electronics and Communication Engineering - Medical image analysis laboratory	Centre of Excellence with Advance Tools & Equipment	Medical image analysis	UG / PG / PhD	Technical	10	3	0
85	Electronics and Communication Engineering - VLSI Design Laboratory	Centre of Excellence with Advance Tools & Equipment	VLSI Design	UG / PG / PhD	Technical	8	5	0
86	Electronics and Communication Engineering - Image Processing and Deep Learning Lab	Pre-incubation unit	Image Processing and Deep Learning	UG / PG / PhD	Technical	71	8	0
87	Electronics and Communication Engineering - Electronic Design Automation Lab	Pre-incubation unit	Electronic Design Automation	UG / PG / PhD	Technical	212	15	0
88	Computer Science and Engineering - Data Structures Lab	Academic Department with lab facility	Data Structures	UG / PG / PhD	Technical	150	12	12
89	Computer Science and Engineering - Digital Logic Design Lab	Academic Department with lab facility	Digital Logic Design	UG / PG / PhD	Technical	150	12	12
90	Computer Science and Engineering - Database Management Systems Lab	Academic Department with lab facility	Database Management Systems	UG / PG / PhD	Technical	138	12	12
91	Computer Science and Engineering - Analysis and Design of Algorithms Lab	Academic Department with lab facility	Analysis and Design of Algorithms	UG / PG / PhD	Technical	130	12	12
92	Computer Science and Engineering - Microprocessor Lab	Academic Department with lab facility	Microprocessors	UG / PG / PhD	Technical	138	12	12
93	Computer Science and Engineering - Networks Lab	Academic Department with lab facility	Networks	UG / PG / PhD	Technical	122	12	12

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94	Computer Science and Engineering - Operating System and Compiled Design Lab	Academic Department with lab facility	Operating System and Compiled Design	UG / PG / PhD	Technical	122	12	12
95	Computer Science and Engineering - Parallel Programming Laboratory	Academic Department with lab facility	Parallel Programming	UG / PG / PhD	Technical	159	12	12
96	Computer Science and Engineering - Machine Learning Laboratory	Academic Department with lab facility	Machine Learning	UG / PG / PhD	Technical	159	12	12
97	Computer Science and Engineering - C and Python Programming Lab	Academic Department with lab facility	C and Python Programming	UG / PG / PhD	Technical	705	32	12
98	Computer Science and Engineering - Cloud based simulation lab	Centre of Excellence with Advance Tools & Equipment	Internet of Things	UG / PG / PhD	Both	40	10	5
99	Master of Computer Applications - Computer Applications Lab	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	87	8	4
100	Civil Engineering - Construction Materials Testing Lab	Academic Department with lab facility	Building Materials	UG / PG / PhD	Both	139	9	2
101	Civil Engineering - Computer Aided Building Planning and Drawing	Academic Department with lab facility	Basic Concept of Building Planning	UG / PG / PhD	Both	139	9	2
102	Civil Engineering - Surveying Practice	Academic Department with lab facility	Exposure to the various types of surveying in the Civil Engineering field	UG / PG / PhD	Both	139	9	2
103	Civil Engineering - Hydraulics and Hydraulic Machines Lab	Academic Department with lab facility	Properties of Fluid and its Measurement	UG / PG / PhD	Both	139	9	2
104	Civil Engineering - Concrete and Highway Materials Laboratory	Academic Department with lab facility	Physical Properties of Concrete and Highway Materials	UG / PG / PhD	Both	151	9	2
105	Civil Engineering - CAD Laboratory-I (Auto Cad, Building Drawing)	Academic Department with lab facility	Gain the Knowledge of Auto Cad Software	UG / PG / PhD	Both	151	9	2
106	Civil Engineering - Geotechnical Engineering Lab	Academic Department with lab facility	Properties of Soil	UG / PG / PhD	Both	151	9	2
107	Civil Engineering - Extensive Surveying	Academic Department with lab facility	Investigation and Design of Various Civil Engineering Projects	UG / PG / PhD	Both	151	28	13
108	Civil Engineering - CAD Lab-II (RCC, Steel detailing and Stab Pro)	Academic Department with lab facility	Detailing of Rc and Steel Structural Members using Software	UG / PG / PhD	Both	133	9	2
109	Civil Engineering - Environmental Engineering Lab	Academic Department with lab facility	Properties of water and waste water analysis	UG / PG / PhD	Both	133	9	2

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110	Civil Engineering - Concrete Laboratory- Self Compacting Concrete Equipments	Research Unit / Park	Research Work Related to Self compacting Concrete	UG / PG / PhD	Both	1	1	2
111	Civil Engineering - Highway Laboratory - Immersion wheel tracker, Digital fatigue machine, Infrared thermometer	Research Unit / Park	Research work related to highway materials	UG / PG / PhD	Both	1	1	2
112	Civil Engineering - NDT Equipments	Centre of Excellence with Advance Tools & Equipment	Evaluate the stability of building-Rebound Hammer, Ultra sonic pulse velocity meter, Profometer, Corrosion Meter, Professional Core Cutter	UG / PG / PhD	Both	151	9	2
113	Civil Engineering - Total Station	Centre of Excellence with Advance Tools & Equipment	Advance methods of Surveying	UG / PG / PhD	Both	139	9	2
114	Information Science and Engineering - Network Forensics Lab	Centre of Excellence with Advance Tools & Equipment	Network Forensics	UG / PG / PhD	Technical	4	1	0
115	Mechanical Engineering - Image Processing Unit	Pre-incubation unit	Image Processing Technique for Automated Inspection and flow Visualisation	UG / PG / PhD	Technical	5	2	1
116	Mechanical Engineering - Extrusion Honing Unit	Pre-incubation unit	Micro Finishing of Internal Primitives through extrusion Honing process	UG / PG / PhD	Technical	6	2	1
117	Mechanical Engineering - Casting Unit	Pre-incubation unit	Tribological Study of Metal matrix composite Materials	UG / PG / PhD	Technical	15	6	1
118	Solid and Wet Waste Management Unit	Pre-incubation unit	Wet Waste Biogas Generation and Bottling	UG / PG / PhD	Both	0	5	2
119	Online Grid Connected Rooftop Solar Power Plant	Research Unit / Park	Renewable Energy	UG / PG / PhD	Both	0	2	1
120	Civil Engineering - Advanced Testing and Design Laboratory	Pre-incubation unit	Advanced Testing and Design	UG / PG / PhD	Both	10	5	2
121	Industrial and Production Engineering - Advanced Measurement Lab	Pre-incubation unit	Material Science	UG / PG / PhD	Technical	20	2	2
122	IPR and Innovation Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Innovations and Patent facilitation guidance	At all level	Both	90	25	2
123	Ground Water Recharging Unit	Pre-incubation unit	Renewable energy	At all level	Both	0	5	2
124	Rain Water Harvesting Unit	Research Unit / Park	Water Conservation	At all level	Technical	0	5	2
125	Computer Science and Engineering - Internet of Things Lab	Centre of Excellence with Advance Tools & Equipment	Internet of Things (IoT)	UG / PG / PhD	Technical	40	6	2
126	MSME Approved Business Incubator	Incubation Unit	Micro Small and Medium Enterprises (MSME)	At all level	Technical	15	4	1

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127	New Age Incubation Network (NAIN) funded by Govt. of Karnataka	Incubation Unit	Students are encouraged to identify local problems and address those using concepts of frugal innovation, and to develop appropriate technology-based solutions and working prototypes.	At all level	Technical	0	2	1
128	Information Science and Engineering - Artificial Intelligence and Machine Learning Lab	Pre-incubation unit	Artificial Intelligence and Machine Learning Lab	UG / PG / PhD	Technical	0	3	1

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 : IC201810505
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Traits and attitude of students innovators and Entrepreneurs	Entrepreneurship/ Startup, Innovation	Skill development	Institute Lead Activity	Department of Electronic communication and engineering	16-04-2019 00:00:00	16-04-2019 00:00:00	1	Within Campus	85	5	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 7308	No
2	Plagiarism and Measuring of Scientific Productivity	IPR	Workshop	Institute Lead Activity	Library PES College of Engineering Mandya	27-04-2019 00:00:00	27-04-2019 00:00:00	1	Within Campus	25	20	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 8669	No

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3	Android Application Development	Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering PES College of Engineering Mandya	15-04-2019 00:00:00	16-04-2019 00:00:00	2	Within Campus	45	5	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	28823	No
4	Artificial Intelligence	Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering PES College of Engineering Mandya	15-04-2019 00:00:00	16-04-2019 00:00:00	2	Within Campus	52	5	0	0	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36897	No
5	Basic Course on Embedded System using ARM7 & Embedded C	Innovation	Workshop	Institute Lead Activity	Automobile Engineering Department Mandya	25-04-2019 00:00:00	27-04-2019 00:00:00	3	Within Campus	24	6	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	52750	No
6	Entrepreneurship Situation Management	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Mechanical Engineering PES College of Engineering Mandya	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	25	15	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No
7	Recent Innovations in Water Jet Machining	Innovation	Training	Institute Lead Activity	Department of Mechanical Engineering PES College of Engineering Mandya	04-05-2019 00:00:00	04-05-2019 00:00:00	1	Within Campus	140	10	0	0	150	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5645	No
8	Web Application Development Using Node.js	Innovation	Workshop	Institute Lead Activity	Information Science Department PES College of Engineering Mandya	15-04-2019 00:00:00	17-04-2019 00:00:00	3	Within Campus	32	3	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	42634	No

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9	Survey : Contract for consulting services	Innovation	Workshop	Institute Lead Activity	Innovation cell	02-04-2019 00:00:00	02-04-2019 00:00:00	1	Outside Campus	35	8	0	0	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	193635	No
10	Recent Advances in VLSI Design and Hands-on with CADENCE tool	Innovation	Training	Institute Lead Activity	ECE PESCE	15-07-2019 00:00:00	19-07-2019 00:00:00	5	Outside Campus	0	50	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	109804	No
11	Collaborative Research activities	Innovation	Mentoring Session	Institute Lead Activity	Innovation cell	19-08-2019 00:00:00	21-08-2019 00:00:00	3	Within Campus	92	8	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	660909	No
12	Google Cloud Platform	Innovation	Workshop	Institute Lead Activity	CS and IS PES College of Engineering	02-08-2019 00:00:00	02-08-2019 00:00:00	1	Within Campus	98	7	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35248	No
13	CATIA Training event	Innovation	Training	Institute Lead Activity	Mechanical Engineering Department PES College of Engineering Mandya	27-07-2019 00:00:00	02-08-2019 00:00:00	7	Within Campus	59	0	0	0	59	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	63375	No
14	Zonal championship (IIT Madras Event)	Innovation	Workshop	Institute Lead Activity	Computer science department PES College of Engineering Mandya	13-09-2019 00:00:00	14-09-2019 00:00:00	2	Within Campus	450	0	0	0	450	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	96723	No
15	Recent Advancement in Renewable Energy Technology	Innovation	Orientation Session	Institute Lead Activity	EE and E	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Within Campus	0	56	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	226817	No

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16	Processing and application of composite materials (PACM)	Innovation	Training	Institute Lead Activity	IPE	30-09-2019 00:00:00	05-10-2019 00:00:00	6	Within Campus	0	75	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	96800	No
17	Learning MATLAB 2019a tool for DSP and Machine Learning Applications	Innovation	Workshop	Institute Lead Activity	ECE	18-09-2019 00:00:00	19-09-2019 00:00:00	2	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32662	No
18	Python Programming	Innovation	Workshop	Institute Lead Activity	ECE	20-09-2019 00:00:00	22-09-2019 00:00:00	3	Within Campus	42	0	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	81000	No
19	Project Based Learning	Innovation	Workshop	Institute Lead Activity	ECE	09-09-2019 00:00:00	14-09-2019 00:00:00	6	Within Campus	41	0	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	87000	No
20	Project Proposal for Different Funding Agencies	Innovation	Orientation Session	Institute Lead Activity	PET Research Center	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	40	63	0	0	103	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2700	No
21	Indian Society of Heating Refrigerating and air Conditioning Engineers (ISHRAE)	Innovation	Training	Institute Lead Activity	ME	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	62	0	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	39167	No
22	Building Systems with Arduino Microcontroller	Innovation	Workshop	Institute Lead Activity	ECE	20-09-2019 00:00:00	22-09-2019 00:00:00	3	Within Campus	55	5	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25600	No

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

23	Being Innovative and Entrepreneur	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	ECE	14-10-2019 00:00:00	16-10-2019 00:00:00	3	Within Campus	48	0	0	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22760	No
24	Web Application Development using Core JAVA, SQL & Web Technology training	Innovation	Workshop	Institute Lead Activity	CSE	18-10-2019 00:00:00	19-10-2019 00:00:00	2	Within Campus	33	0	0	0	33	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	97350	No
25	Android Application Development using Block Coding	Innovation	Workshop	Institute Lead Activity	ISE	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	50	4	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No
26	Design Thinking	Innovation	Workshop	Institute Lead Activity	ISE	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	46	4	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11125	No
27	Rapid Prototyping	Innovation	Workshop	Institute Lead Activity	ME	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	65	10	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	52500	No
28	Blockchain-based hackathon	Innovation	Workshop	Institute Lead Activity	ISE	13-10-2019 00:00:00	13-10-2019 00:00:00	1	Within Campus	91	0	0	0	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	37508	No

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

29	HACKMA NIA 2.0	Innovation	Workshop	Institute Lead Activity	CSE	25-10-2019 00:00:00	26-10-2019 00:00:00	2	Within Campus	95	25	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	324994	Award / Position / Recognition Secured	Third Position
																Title of Innovation / Start-up Secured the Award / Recognition	Global crisis of road safety	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
30	Present & Future of Automotive Electronics & Career Options in Automotive Electronics	Innovation	Training	Institute Lead Activity	ECE	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	100	20	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13700	No	
31	Surface modelling Using Solid-work 2015	Innovation	Training	Institute Lead Activity	IP	25-11-2019 00:00:00	26-11-2019 00:00:00	2	Within Campus	30	5	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	36550	No	
32	Rapid Prototype Technology (RPT)	Innovation	Workshop	Institute Lead Activity	IP	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Outside Campus	30	4	0	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	26500	No	
33	Data Science offered by Binghamt on University New York	Innovation	Training	Institute Lead Activity	Innovation cell	06-01-2020 00:00:00	08-01-2020 00:00:00	3	Within Campus	60	7	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	119008	No	
34	Modern Equipments in Mechanical Engineering	Innovation	Workshop	Institute Lead Activity	ME	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Within Campus	42	8	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50716	No	

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

35	Synthesis, Characterization and Application of Advanced Materials	Innovation	Training	Institute Lead Activity	ME	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Within Campus	87	13	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	205500	No
36	Web Programming	Innovation	Workshop	Institute Lead Activity	ISE	24-01-2020 00:00:00	25-01-2020 00:00:00	2	Within Campus	50	4	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13320	No
37	Solid modeling using Solid works 2015	Innovation	Workshop	Institute Lead Activity	IP	22-01-2020 00:00:00	24-01-2020 00:00:00	3	Within Campus	33	4	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
38	ICAMES-2020	Innovation	Conference	Institute Lead Activity	ME AU IP	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	30	80	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	806331	No
39	Vector Design using INKSCAPE	Innovation	Workshop	Institute Lead Activity	IS	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	53	0	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7100	No
40	Learning MATLAB 2019a tool for DSP and Machine Learning Applications	Innovation	Workshop	Institute Lead Activity	IS AND MCA	27-02-2020 00:00:00	28-02-2020 00:00:00	2	Within Campus	60	20	0	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16645	No
41	New Produce Development, Geometrical Dimensioning and Tolerance	Innovation	Workshop	Institute Lead Activity	ME	22-01-2020 00:00:00	24-01-2020 00:00:00	3	Within Campus	110	17	0	0	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	48470	No

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

42	Matlab and Simulink application to electrical Engineering	Innovation	Training	Institute Lead Activity	E AND E	15-02-2020 00:00:00	17-02-2020 00:00:00	3	Within Campus	40	9	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	46255	No						
43	Electronic Circuit Simulation and PCB Design using orCAD tool to 132	Innovation	Workshop	Institute Lead Activity	EC	05-02-2020 00:00:00	13-02-2020 00:00:00	9	Within Campus	39	10	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	124446	No						
44	Android Application Development using Block Coding	Innovation	Workshop	Institute Lead Activity	CSE	20-01-2020 00:00:00	25-01-2020 00:00:00	6	Within Campus	40	6	0	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	90000	No						
45	Entrepreneurship for Faculty Mentors	Entrepreneurship/Innovation	Training	Institute Lead Activity	Innovation Cell	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Within Campus	20	15	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	65000	No						
46	Hackmania 3.0	Innovation	Hackathon	Institute Lead Activity	Innovation Cell	29-02-2020 00:00:00	01-03-2020 00:00:00	2	Within Campus	60	8	100	6	174	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	325000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Second</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Revolution in traveling with integrated Road safety system</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Second	Title of Innovation / Start-up Secured the Award / Recognition	Revolution in traveling with integrated Road safety system	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Second																						
Title of Innovation / Start-up Secured the Award / Recognition	Revolution in traveling with integrated Road safety system																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
47	INNOVATIONS AND IP TRAINING COURSE FOR STUDENTS AND FACULTY	IPR, Innovation	Training	Institute Lead Activity	IPR Cell	21-11-2019 00:00:00	23-11-2019 00:00:00	3	Within Campus	20	15	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No						

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research	
1	Exploring Career opportunities in Job and Entrepreneurship	Entrepreneurship/Start-up	Mentoring Session	VIDYAVARDHAKA COLLEGE OF ENGINEERING MYSORE	Educational Institute	25-01-2020 00:00:00	25-01-2020 00:00:00	1	1	0	1	No	---	---	No	No	
2	Recent Innovations in IOT	Innovation	Workshop	R v college of engineering	Educational Institute	22-02-2020 00:00:00	23-02-2020 00:00:00	2	1	0	1	No	---	---	No	No	
3	Matlab programming for numerical computation	Innovation	Training	NPTEL online Course	Govt. Agency (Central)	20-01-2020 00:00:00	20-03-2020 00:00:00	61	0	1	1	No	---	---	No	No	
4	Evolutionary Computing and Mobile Sustainable Networks	Innovation	Conference	Sir M. Visvesaraya Institute of Technology, Bengaluru	Educational Institute	20-02-2020 00:00:00	21-02-2020 00:00:00	2	0	1	1	No	---	---	No	No	
5	Karnataka state level ISTE Student Convention	Innovation	Innovation Contest	K.S INSTITUTE OF TECHNOLOGY,B ANGLOR E	Govt. Agency (Central)	22-02-2020 00:00:00	22-02-2020 00:00:00	1	1	0	1	No	---	---	No	No	
6	Matlab Programming for Numerical Computation	Innovation	Training	NPTEL	Govt. Agency (Central)	22-01-2020 00:00:00	01-03-2020 00:00:00	40	0	1	1	No	---	---	No	No	
7	Innovations with Open source Software (Free Software Movement Karnataka)	Innovation	Workshop	Free Software Movement, Karnataka	Non-Govt. Agencies	25-01-2020 00:00:00	31-01-2020 00:00:00	7	35	0	35	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	70000	No

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

8	Machine learning and its application	Innovation	Workshop	BGSIT	Educational Institute	22-01-2020 00:00:00	27-01-2020 00:00:00	6	0	1	1	No	---	---	No	No	
9	7th GKDC(Go Kart Design Challenge)	Innovation	Skill development	ISNEE(Indian Society of New Era Engineers)	Non-Govt. Agencies	10-02-2020 00:00:00	14-02-2020 00:00:00	5	15	3	18	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2500000	No
10	Robotics and Automation	Innovation	Training	Indian Institute of Technology Delhi	Educational Institute	02-03-2020 00:00:00	14-03-2020 00:00:00	13	0	1	1	No	---	---	No	No	
11	National level E-quiz	Innovation	B-Plan Competitions	MAHARAJA INSTITUTE OF TECHNOLOGY MYSORE	Educational Institute	07-03-2020 00:00:00	07-03-2020 00:00:00	1	0	1	1	No	---	---	No	No	
12	Recent Innovations in Science Engineering Management (RISEM-2019)	Innovation	Conference	RRIT Bangalore	Educational Institute	10-05-2019 00:00:00	11-05-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5180	No
13	Mechanical, Civil, Industrial and Production Engineering ICMCIPE	Innovation	Conference	ICMCIP Pune Maharashtra	Educational Institute	26-05-2019 00:00:00	26-05-2019 00:00:00	1	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12250	No
14	Praticle size effect on Porosity and tensile properties of aluminium based metal matrix nano Composites	Innovation	Conference	NMAMIT Nitte karkalla Udupi	Educational Institute	22-05-2019 00:00:00	24-05-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	11100	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

15	Advances in Information Technology and Computing	Innovation	Conference	SNIST Hyderabad	Educational Institute	26-04-2019 00:00:00	27-04-2019 00:00:00	2	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10220	No
16	VSPICE-2019	Innovation	Conference	NMAMIT Nitte	Educational Institute	23-05-2019 00:00:00	24-05-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6266	No
17	ICAMR-2019	Innovation	Conference	MSRU Bangalore	Educational Institute	25-04-2019 00:00:00	27-04-2019 00:00:00	3	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7360	No
18	An Ontology Based System for Healthcare to Prevent Cardiovascular Diseases	Innovation	Conference	AIMSCE Andhra Pradesh	Educational Institute	26-04-2019 00:00:00	27-04-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18846	No
19	Detection of Sub-Clinical mastitis Using Prototype Electronic - nose	Innovation	Conference	AIMSCE Andhra Pradesh	Educational Institute	26-07-2019 00:00:00	27-07-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18846	No
20	Fatigue Durability and Fracture Mechanics and Symposium Condition Assessment Residual life Assessment and extension	Innovation	Conference	VTU Belagavi	Educational Institute	29-08-2019 00:00:00	30-08-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7850	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	Comparative Analysis of the Particle size on the Porosity and Tensile Properties of Aluminium based Metal Matrix nano Composites	Innovation	Conference	Dayanada Sagar University, Bangalore	Educational Institute	07-11-2019 00:00:00	09-11-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12260	No
22	Prediction of vision parameters of surface roughness and Wire wear in Wire-EDM of Al-10 wt Si3N4 MMC Material using ANN	Innovation	Conference	VBSPU, Jaunpur	Educational Institute	16-11-2019 00:00:00	18-11-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	16017	No
23	Recent Innovative Trends in Computer Science and Applications ICRITCS A-2019	Innovation	Conference	Ramaiah Institute of Technology, Bengaluru	Educational Institute	25-10-2019 00:00:00	26-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
24	Recent Innovative Trends in Computer Science and Applications (ICRITCS A 2019)	Innovation	Conference	MSRIT Bangalore	Educational Institute	25-10-2019 00:00:00	26-10-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7000	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

25	Performance Monitoring of Electrode Wear and Surface Roughness in WEDM of Al-410 Si3N4 using Machine vision System	Innovation	Conference	Aslake City, Utah, USA	Educational Institute	08-11-2019 00:00:00	14-11-2019 00:00:00	7	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	165635	No
26	Study of Epoxidized and Benzoic Acid Additive Added pongami a Bio-Lubricant	Innovation	Conference	JN Tata Auditorium, IISc, Bangalore	Educational Institute	01-12-2019 00:00:00	04-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	28992	No
27	Performance of Porous Journal Bearing with Non-Newtonian Lubricant	Innovation	Conference	Tata Auditorium, IISc, Bangalore	Educational Institute	01-12-2019 00:00:00	04-12-2019 00:00:00	4	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10974	No
28	Optimization of Process Parameters for Titanium alloy to itself and Stainless steel Brazed joint using BAg22 Filler Metal	Innovation	Conference	NITK Surathakl	Educational Institute	06-12-2019 00:00:00	08-12-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	24780	No
29	Data Engineering and Communication System	Innovation	Conference	RNSIT Bangalore	Educational Institute	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)	11750	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

30	Communication, Computer Technologies and Optimization Techniques (ICEECC OT-2019),	Innovation	Conference	GSSSIET W, Mysore	Educational Institute	13-12-2019 00:00:00	14-12-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6900	No
31	Recent trends in Electrical Electronics Computer Science Engineering ICEREC T-2020	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18962	No
32	Recent trends in Electrical, Electronics Computer Science Engineering (ICEREC T-2020)	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	36473	No
33	Recent trends in Electrical, Electronics Computer Science Engineering (ICEREC T-2020)	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18962	No
34	Recent trends in Electrical, Electronics Computer Science Engineering (ICEREC T-2020)	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	25762	No
35	Recent Trends in Electrical, Electronics and Computer Science (ICEECS 2020)	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	06-01-2020 00:00:00	09-01-2020 00:00:00	4	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	24362	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

36	Ultrasonics and Materials Science for Advanced Technology, ICUMSA T-2019	Innovation	Conference	Koyambedu, Chennai, Tamil Nadu	Educational Institute	16-11-2019 00:00:00	18-11-2019 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	2000	No
37	Kinetics of oxidation of Amitriptyline drug by Chloramine-T in acidic buffer media Spectrophotometrically	Innovation	Conference	GKVK, Bangalore	Educational Institute	03-01-2020 00:00:00	07-01-2020 00:00:00	5	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	5473	No
38	Global Conference on Advanced Smart and Sustainable technology in Engineering GCASST E 2020	Innovation	Conference	MIT Moodabidri, Mangalore	Educational Institute	30-01-2020 00:00:00	31-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
39	International Conference on Recent trends in Electrical, Electronics and computer science Engineering, ICEECS 2020	Innovation	Conference	VBS Purvanchal University, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	33038	No
40	Recent trends in Electrical Electronics Computer Science Engineering ICERECT2020	Innovation	Conference	VBS Purvanchal University, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	21115	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

41	Recent trends in Electrical Electronics Computer Science Engineering ICEREC T 2020	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	7	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	89580	No
42	A Survey on Electronic Health Record	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
43	Hybrid Memristive Memory Cell	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
44	Calibration of Partial Discharge Measuring by a reference	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
45	An Agricultural Electric cart by Application of Internet of their Automobile and Computer Science	Innovation	Conference	UNSITE, Jaunpur	Educational Institute	10-01-2020 00:00:00	11-01-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7500	No
46	ICAMES-2020	Innovation	Conference	PESCE Mandya	Educational Institute	28-02-2020 00:00:00	29-02-2020 00:00:00	2	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	11275	No
47	Recent Trends and Innovation in Multidisciplinary Research	Entrepreneurship/Start-up	Conference	IEC University, Solan, Himachal Pradesh	Educational Institute	14-03-2020 00:00:00	14-03-2020 00:00:00	1	0	1	1	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	12000	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

48	Research Developments in Engineering Technology, Management Sciences ICRDET MS2019	Innovation	Conference	Chennai	Educational Institute	12-02-2020 00:00:00	13-02-2020 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	18099	No
49	Computing Methodologies and Communication (ICCMC-2020)	Innovation	Conference	Tamil Nadu	Educational Institute	11-03-2020 00:00:00	13-03-2020 00:00:00	3	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6500	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 Management	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	Computer Science and Engineering	04-02-2019	31-05-2019	117	Offline	122	52
2	Management and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	ISE	05-08-2019	30-12-2019	148	Offline	28	52
3	Innovation entrepreneurship and management	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	ECE	05-08-2019	29-11-2019	117	Offline	140	52
4	Industrial management and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	AU	05-08-2019	29-11-2019	117	Offline	34	52
5	Operational management	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	IP	05-08-2019	29-11-2019	117	Offline	41	52
6	Management and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	ME	05-08-2019	29-11-2019	117	Offline	136	52
7	Construction Engineering Management and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Bachelor	Civil department	03-08-2020	30-11-2020	120	Offline	133	52
8	Entrepreneurship development	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Master	MBA	05-08-2020	30-11-2020	118	Offline	58	54

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(In Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	High Voltage Insulation Skill Development Workshop	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	High Voltage Insulation Laboratory	17-08-2019	20-08-2019	4	Offline	40	32
2	Entrepreneurship Opportunities in Social Sector for Rural Umemployed Youth	Entrepreneurship/Startup	Employment Generation Training Programs	Biofuel Cell	30-08-2019	02-09-2019	4	Offline	30	30
3	Workshop on Optimization of process parameters in pulsed gas metal arc welding	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Innovation cell	21-10-2019	26-10-2019	6	Offline	40	36
4	Work shop on 3D printing	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Innovative cell	02-09-2019	06-09-2019	5	Offline	20	30
5	Skill development program on automobile servicing	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Innovation cell	10-02-2020	14-02-2020	5	Offline	20	35

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20									
1	Dr Vinay S	Information Science and Engineering	Professor and head	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					
	Entrepreneurship for Faculty Mentors of PESCE	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Mentorific Consulting	Non-Govt. Agencies	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Offline					
	CMI Level 5 certificate in Management and Leadership	Entrepreneurship/Startup	MDP in I&E, IPR	Chartered Management Institute, UK	International Agencies	11-06-2019 00:00:00	21-06-2019 00:00:00	11	Offline					
2	Dr. B Dinesh Prabhu	Automobile Engineering	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
						INNOVATIONS AND IP TRAINING COURSES FOR STUDENTS AND FACULTY	IPR, Entrepreneurship/Startup	FDP in I&E, IPR	ALLINNOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED	Non-Govt. Agencies	21-11-2019 00:00:00	25-11-2019 00:00:00	5	Offline
						Entrepreneurship for Faculty Mentors of PESCE	IPR, Entrepreneurship/Startup	FDP in I&E, IPR	Mentorific Consulting	Non-Govt. Agencies	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Offline
						3	Dr. Mahesh K Kaluti	Computer Science and Engineering	Associate Professor	No	Yes			

4	V. Chethan Kumar	Computer Science and Engineering	Assistant Professor	No			Yes		
5	Dr. Kiran Kumar.A.C	Master of Bussiness Administration	Associate Professor	No			Yes		
6	Pooja Nagpal	Master of Bussiness Administration	Assistant Professor	No			Yes		
7	Shivaraj G Nayak	Civil Engineering	Assistant Professor	No			Yes		
8	Ramesh Kurbet	Mechanical Engineering	Assistant Professor	No			Yes		

17	Dr. Girisha R		Computer Science		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	
	INNOVATIONS AND IP TRAINING COURSES FOR STUDENTS AND FACULTY	IPR, Entrepreneurship/Startup	Employment Generation Training Programs	ALLINNOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED	Non-Govt. Agencies	21-11-2019 00:00:00	25-11-2019 00:00:00	5	Offline	
18	Dr. K J Mahendra Babu		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	
	Entrepreneurship for Faculty Mentors	Entrepreneurship/Startup	EDP in I&E, IPR	Mentorific Consulting	Non-Govt. Agencies	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Offline	
19	Dr. Prasanna Kumar L		Civil		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	
	Entrepreneurship for Faculty Mentors of PESCE	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Mentorific Consulting	Non-Govt. Agencies	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Offline	
20	Dr.H R Guupavan		Mechanical Engineering		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	
	Entrepreneurship for Faculty Mentors of PESCE	IPR, Entrepreneurship/Startup	FDP in I&E, IPR	Mentorific Consulting	Non-Govt. Agencies	13-01-2020 00:00:00	18-01-2020 00:00:00	6	Offline	

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	GO KART	Innovation Club	2019	Co-working Space,Work Stations	Innovation Labs, Centre of Excellence with Advance Tools	1	Sooban Aathif	aathif.soobin42@gmail.com	9036783619
2	SAE COLLEGIATE CLUB-PESCE	Innovation Club	2007	Co-working Space	Innovation Labs	1	Swaroop D G	dgswaroop@gmail.com	8861027644
3	IEEE	Idea Club	2007	Co-working Space,Work Stations	Innovation Labs	4	Ajay M	ajajmys2011@gmail.com	9611430812
4	GNU LINUX Open Source Club	Idea Club	2015	Co-working Space,Work Stations	Innovation Labs	5	Mukunda	mukundaselvaraj@gmail.com	805018018

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-	Type of	Year of	Type of	Pre-Incubation	Name of the	Facility Details	Total Nos of Dedicated	Had the Pre-Incubation	Had institute	Had institute spent expenses either
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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)

Sl. No.	Incubation Centre	Facility	Establishment	Facilities Available at the Centre	with Access to Other I&E Facilities at the HEI	Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Incharge Person		Executive/Management team Strength Engaged at the Facility	Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
							Facility Incharge Name	Facility Incharge Email				
1	Innovation Cell	Innovation Centre	2018	None	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. Vinay S	2	Yes	No	Yes
							Facility Incharge Email	vinay@pesce.ac.in				
							Facility Incharge Phone	9986515835				
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					PES College of Engineering, Manyda				Educational Institute		2267528	
2	Medical Image processing laboratory	Innovation Centre	2016	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	Facility Incharge Name	Dr. H.S. Sheshadri	1	Yes	No	No
							Facility Incharge Email	hsheshadri@gmail.com				
							Facility Incharge Phone	9986304288				
3	Internet of Things (IoT) Laboratory for research programs	Innovation Centre	2015	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	Facility Incharge Name	Dr. M C Padma	2	Yes	No	No
							Facility Incharge Email	padmapes@gmail.com				
							Facility Incharge Phone	9141113030				

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	Digital Manufacturing Lab	Innovation Centre	2019	Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V. R. Devadath</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodme@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448643502</td> </tr> </table>	Facility Incharge Name	Dr. V. R. Devadath	Facility Incharge Email	hodme@pesc.e.ac.in	Facility Incharge Phone	9448643502	1	No	No	No
Facility Incharge Name	Dr. V. R. Devadath																
Facility Incharge Email	hodme@pesc.e.ac.in																
Facility Incharge Phone	9448643502																
5	Advanced Engine Lab	Innovation Centre	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K M Jagadeesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodae@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448316842</td> </tr> </table>	Facility Incharge Name	Dr. K M Jagadeesh	Facility Incharge Email	hodae@pesc.e.ac.in	Facility Incharge Phone	9448316842	2	Yes	No	No
Facility Incharge Name	Dr. K M Jagadeesh																
Facility Incharge Email	hodae@pesc.e.ac.in																
Facility Incharge Phone	9448316842																
6	Advanced Measurement Lab	Design Centre	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Murali Krishna N</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodip@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8660541592</td> </tr> </table>	Facility Incharge Name	Dr. Murali Krishna N	Facility Incharge Email	hodip@pesc.e.ac.in	Facility Incharge Phone	8660541592	2	No	No	No
Facility Incharge Name	Dr. Murali Krishna N																
Facility Incharge Email	hodip@pesc.e.ac.in																
Facility Incharge Phone	8660541592																
7	Advanced Testing and Design Laboratory	Innovation Centre	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Mahalinge Gowda</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodce@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9844248272</td> </tr> </table>	Facility Incharge Name	Dr. Mahalinge Gowda	Facility Incharge Email	hodce@pesc.e.ac.in	Facility Incharge Phone	9844248272	1	Yes	No	No
Facility Incharge Name	Dr. Mahalinge Gowda																
Facility Incharge Email	hodce@pesc.e.ac.in																
Facility Incharge Phone	9844248272																

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)

8	Image Processing and Deep Learning Lab	Innovation Centre	2018	Co-working Space	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Radha Krishna Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodec@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9886064102</td> </tr> </table>	Facility Incharge Name	Dr. Radha Krishna Rao	Facility Incharge Email	hodec@pesce.ac.in	Facility Incharge Phone	9886064102	2	No	No	No
Facility Incharge Name	Dr. Radha Krishna Rao																
Facility Incharge Email	hodec@pesce.ac.in																
Facility Incharge Phone	9886064102																
9	Data Science and IoT Lab	Maker's Space	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vinay S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodis@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986515835</td> </tr> </table>	Facility Incharge Name	Dr. Vinay S	Facility Incharge Email	hodis@pesce.ac.in	Facility Incharge Phone	9986515835	2	Yes	No	No
Facility Incharge Name	Dr. Vinay S																
Facility Incharge Email	hodis@pesce.ac.in																
Facility Incharge Phone	9986515835																
10	Electronic Design Automation Lab	Innovation Centre	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Radha Krishna Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodec@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9886064102</td> </tr> </table>	Facility Incharge Name	Dr. Radha Krishna Rao	Facility Incharge Email	hodec@pesce.ac.in	Facility Incharge Phone	9886064102	2	No	No	No
Facility Incharge Name	Dr. Radha Krishna Rao																
Facility Incharge Email	hodec@pesce.ac.in																
Facility Incharge Phone	9886064102																
11	Cloud based simulation lab	Innovation Centre	2018	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gopiya Naik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9481249509</td> </tr> </table>	Facility Incharge Name	Dr. Gopiya Naik	Facility Incharge Email	hodee@pesce.ac.in	Facility Incharge Phone	9481249509	2	No	No	No
Facility Incharge Name	Dr. Gopiya Naik																
Facility Incharge Email	hodee@pesce.ac.in																
Facility Incharge Phone	9481249509																
12	Start up Cell	Startup Cell	2019	Work Stations	Incubation Unit, Innovation Labs, Innovation Park/Research Park	Incubation Unit, Innovation Labs, Innovation Park/Research Park	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vinay S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinay@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986515835</td> </tr> </table>	Facility Incharge Name	Dr. Vinay S	Facility Incharge Email	vinay@pesce.ac.in	Facility Incharge Phone	9986515835	2	Yes	No	No
Facility Incharge Name	Dr. Vinay S																
Facility Incharge Email	vinay@pesce.ac.in																
Facility Incharge Phone	9986515835																

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)

13	Artificial Intelligence and Machine Learning Research Laboratory	Innovation Centre	2020	Co-working Space, Work Stations	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	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Vinay S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinay@pesce.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986515835</td> </tr> </table>	Facility Incharge Name	Dr Vinay S	Facility Incharge Email	vinay@pesce.ac.in	Facility Incharge Phone	9986515835	2	No	No	Yes
Facility Incharge Name	Dr Vinay S																
Facility Incharge Email	vinay@pesce.ac.in																
Facility Incharge Phone	9986515835																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Funding Agency		AICTE				Govt. Agency (Central)		2609400									
14	Diagnostic and Maintenance lab	Innovation Centre	2020	Co-working Space, Work Stations	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	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. H. V. Ravindra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mailho vera@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986025372</td> </tr> </table>	Facility Incharge Name	Dr. H. V. Ravindra	Facility Incharge Email	mailho vera@yahoo.com	Facility Incharge Phone	9986025372	2	No	No	Yes
Facility Incharge Name	Dr. H. V. Ravindra																
Facility Incharge Email	mailho vera@yahoo.com																
Facility Incharge Phone	9986025372																
Source of Grant / Fund		Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)									
Funding Agency		AICTE				Govt. Agency (Central)		1596000									

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	Center for Diagnostic Maintenance (CDM)	1997	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. H. V. Ravindra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mailho vera@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99860 25372</td> </tr> </table>	Facility Incharge Name	Dr. H. V. Ravindra	Facility Incharge Email	mailho vera@gmail.com	Facility Incharge Phone	99860 25372	4	Yes	No	No
Facility Incharge Name	Dr. H. V. Ravindra														
Facility Incharge Email	mailho vera@gmail.com														
Facility Incharge Phone	99860 25372														
2	Network Forensic lab	2017	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Minavathi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>minavathi@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98453 02882</td> </tr> </table>	Facility Incharge Name	Dr. Minavathi	Facility Incharge Email	minavathi@yahoo.com	Facility Incharge Phone	98453 02882	2	Yes	No	No
Facility Incharge Name	Dr. Minavathi														
Facility Incharge Email	minavathi@yahoo.com														
Facility Incharge Phone	98453 02882														
3	Establishing the Internet of Things (IoT) Laboratory for PG and research programs	2015	Pre-Incubation, Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. M C Padma</td> </tr> <tr> <td>Facility Incharge Email</td> <td>padmapes@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>91411 13030</td> </tr> </table>	Facility Incharge Name	Dr. M C Padma	Facility Incharge Email	padmapes@gmail.com	Facility Incharge Phone	91411 13030	2	Yes	No	No
Facility Incharge Name	Dr. M C Padma														
Facility Incharge Email	padmapes@gmail.com														
Facility Incharge Phone	91411 13030														

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	Business Incubator	2018	Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	MSME	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vinay S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinay@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99865 15835</td> </tr> </table>	Facility Incharge Name	Dr. Vinay S	Facility Incharge Email	vinay@pesc.e.ac.in	Facility Incharge Phone	99865 15835	2	No	No	No
Facility Incharge Name	Dr. Vinay S														
Facility Incharge Email	vinay@pesc.e.ac.in														
Facility Incharge Phone	99865 15835														

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

2	New Age Inubation Network	2020	Innovation Labs,Innovation Park/Research Park	Government of Karnataka, Department of IT, BT and S&T	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Vinay S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinay@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986515835</td> </tr> </table>	Facility Incharge Name	Dr. Vinay S	Facility Incharge Email	vinay@pesc.e.ac.in	Facility Incharge Phone	9986515835	1	No	No	No
Facility Incharge Name	Dr. Vinay S														
Facility Incharge Email	vinay@pesc.e.ac.in														
Facility Incharge Phone	9986515835														

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 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?													
								Yes	No														
1	Bio Fuel, Research, Information and Demonstration center	2012	Incubation Unit,Innovation Labs	Karnataka State Bio Fuel Development Board	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Prasanna Kumar L</td> </tr> <tr> <td>Facility Incharge Email</td> <td>peslpk63@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9844574374</td> </tr> </table>	Facility Incharge Name	Dr. Prasanna Kumar L	Facility Incharge Email	peslpk63@gmail.com	Facility Incharge Phone	9844574374	2	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>88000</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	88000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	Yes
Facility Incharge Name	Dr. Prasanna Kumar L																						
Facility Incharge Email	peslpk63@gmail.com																						
Facility Incharge Phone	9844574374																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	88000																						
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																						
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)														
2	High voltage insulation Testing Lab	2018	Pre-Incubation,Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gopiya Naik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodee@pesc.e.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9481249509</td> </tr> </table>	Facility Incharge Name	Dr. Gopiya Naik	Facility Incharge Email	hodee@pesc.e.ac.in	Facility Incharge Phone	9481249509	2	Yes	No	No								
Facility Incharge Name	Dr. Gopiya Naik																						
Facility Incharge Email	hodee@pesc.e.ac.in																						
Facility Incharge Phone	9481249509																						

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

3	Online Grid Connected Rooftop Solar Power Plant	2018	Pre-Incubation, Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	D. M. Srinivasa	2	Yes	Yes		No
					Facility Incharge Email	dmsrinivasa_pesce@yahoo.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	9448233256			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	760000	
									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?						
1	IPR Cell	2018	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dinesh Prabhu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>bdpbsm1990@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9480477812</td> </tr> </table>	Facility Incharge Name	Dr. Dinesh Prabhu	Facility Incharge Email	bdpbsm1990@gmail.com	Facility Incharge Phone	9480477812	1	Yes	No	Yes
Facility Incharge Name	Dr. Dinesh Prabhu														
Facility Incharge Email	bdpbsm1990@gmail.com														
Facility Incharge Phone	9480477812														
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)									

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 Vinay S	Professor and head	Idea/Innovation Development, Entrepreneurship/Startup Development	4

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

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Revolution in traveling with integrated Road safety system		Within	
2	Dr. Dinesh Prabhu	Associate Professor	IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Single wheeled self balanced Electric Vehicle		Within	
3	Ullas P	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Dikchoochi Mysore		Outside	
4	Dr. Girisha R	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ANAGHALABS MULTITECH PRIVATE LIMITED		Within	U72900KA2017PTC100960
5	Pavan K N	Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Go Karting Racing Car		Within	
6	Pooja Nagpal	Assistant Professor	Entrepreneurship/Startup Development,IPR Protection & Commercialization	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	The Impact Of High Performance Work Practices On Employee Engagement At Selected IT Company At Bangalore		Within	
7	Dr. K J Mahendra Babu	Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Weed Cutting Machine		Within	
	Electric Cart		Within	
8	Phalanetra H.S	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	3D Holographic and Traffic Analysis Using Machine Learning		Within	
9	Dr. Prasanna Kumar L	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	13

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

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	15 Bio Fuel/ Organic Products	Within	
10	Dr.H R Guupavan	Assistant Professor	Idea/Innovation Development,Entrepreneurship/Startup Development
			3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Effect of Various Wire Electrode Materials on the Performance of Wire Electrical discharge Machining of Al/SiC Composite Material	Within	

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Dr. Sudheendra Kaushik	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
2	Prof. D K Subramiam	Idea/Innovation Development	Unstructured Mentorship
3	Pavan Majumdar	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
4	Diksoochi Mysuru	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
5	Mentorific Consulting	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
6	ALLINNOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship

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
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1	Power generation by road hump using rack and pinion mechanism (prototype)	Product Innovation	Technological	TEQIP-III	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email			Contact			
Dr. B Dinesh Prabhu		Faculty and Student			Male		bdpbsm1990@gmail.com			9480477812			
Name		Type			Gender		Email			Contact			
Sanjay N		Student			Male		sanjaybond02@gmail.com			6360630528			
2	A Prototype for a Vehicle with Smart Braking System and Accident Monitoring Device using GPS and GSM module	Product Innovation	Technological	TEQIP III	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
Name		Type			Gender		Email			Contact			
Dr. N Jagadeesh		Faculty			Male		kmjagadeshmys@gmail.com			7899903374			
Name		Type			Gender		Email			Contact			
Pushpak Gowda		Student			Male		gowdapushpak007@gmail.com			7892614684			

3	Determining the effect of addition of Glass fibers in dense Bituminous macadam	Product Innovation	Technological	TEQUIP III	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Sumanth S.		Faculty			Male		Sumanthswamy1794@gmail.com		8884659794				
Name		Type			Gender		Email		Contact				
Sindhu G S		Student			Female		SIDU@GMAIL.COM		2525252525				
4	Study on model Footing resting on 2nd and 3rd reinforced Sand bed using Plastic waste	Product Innovation	Technological	TEQUIP-III	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
Name		Type			Gender		Email		Contact				
Avinash N.		Faculty			Male		avi99shetty@gmail.com		9060958238				
Name		Type			Gender		Email		Contact				
Hemalatha N		Student			Female		sdagha@gmail.com		1515151515				

5	An Experimental Study on Bacterial Concrete using Bacillus Subtilis and Bacillus Megaterium	Process Innovation	Technological	TEQIP-III	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 2000	No	No
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Name	Type	Gender	Email	Contact
Rashmi M.P.	Faculty	Female	rashmiprakash48@gmail.com	7829072426

Name	Type	Gender	Email	Contact
Nischitha M	Student	Female	-	-

6	Experimental Investigation of Sugarcane bagasse ash as a value added material on Compressive Strength of masonry Prism	Process Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Lakshmi P S	Faculty	Male	lakshmips114@gmail.com	9964363131

Name	Type	Gender	Email	Contact
Shubhavinaya A S	Student	Female	-	-

7	Smart way to clean city	Process Innovation	Technological	TEQIP	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name		Type		Gender		Email		Contact					
S.K Uma		Faculty		Female		skumamandya@gmail.com		9449178175					
Name		Type		Gender		Email		Contact					
Harshith S		Student		Female		-		-					
8	GDP Analysis and Prediction	Market-place Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
	Name		Type		Gender		Email		Contact				
V.Chethankumar		Faculty		Male		vchetan@pesce.ac.in		9986219101					
9	Revolution in traveling with integrated Road safety system	Product Innovation, Management Process	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 2000	No	No
	Name		Type		Gender		Email		Contact				
	Deepika		Faculty		Female		bdeepika@pesce.ac.in		9482024207				
Name		Type		Gender		Email		Contact					
Sanjay N.S		Student		Male		galaxy00073@gmail.com		8277091886					

10	Voice disorder detection using machine learning based on MFCC features	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Dr. Nagarathna		Faculty			Female		nagarathna@pesc.ac.in		9481210125				
Name		Type			Gender		Email		Contact				
Arpitha M S		Student			Female		-		-				
11	I.O.T Based smart agriculture monitoring system	Process Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
K.M.Sowmyashree		Faculty			Female		sowmyahunya@gmail.com		9480658262				
Name		Type			Gender		Email		Contact				
Swaraj C M		Student			Female		-		-				
12	Traffic Signal Monitoring and controller system	Service Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No

Name	Type	Gender	Email	Contact
Dr. M. N.Veena	Faculty	Female	Veenadisha1@gmail.com	9845142764

Name	Type	Gender	Email	Contact
Indushree V D	Student	Female	-	-

13	Paddy Crop Disease Detection using Machine learning	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
B.S Sahana Raj	Faculty	Female	sahanarajbs@pesce.ac.in	9632091216

Name	Type	Gender	Email	Contact
Prajwal gowda B. S	Student	Female	-	-

14	3D Holographic and Traffic Analysis Using Machine Learning	Process Innovation	Non-Technological / Social / Community Innovation	Teqip	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
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Name	Type	Gender	Email	Contact
Kumar N Krishnamurthy	Faculty	Male	pes_krishna@yahoo.co.in	9342890808

Name	Type	Gender	Email	Contact
Shubham Verma	Student	Male	-	-

15	Brainwave Controlled Automated Wheelchair	Product Innovation	Non-Technological / Social / Community Innovation	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 2000	No	No
Name		Type			Gender		Email		Contact				
Dr. M B PunithKumar		Faculty			Male		punithpes@gmail.com		7975571847				
Name		Type			Gender		Email		Contact				
Navyashree M		Student			-		SASA@gmail.com		7895				
16	IOT Based Asthma Detection And Diabetes Detection using Machine Learning Algorithms	Process Innovation	Non-Technological / Social / Community Innovation	teqip	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
M. J. Anand		Faculty			Male		ana_mys@yahoo.com		8050020106				
Name		Type			Gender		Email		Contact				
Rakshitha G V		Student			Female		-		-				
17	Fabrication of bio chemical Battery for home automation	Reverse Engineering	Technological	teqip	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No

Name		Type			Gender		Email		Contact				
D.M.Srinivasa		Faculty			Male		dmsrinivasa_pesce@yahoo.in		9448233256				
Name		Type			Gender		Email		Contact				
Chandini P R		Student			-		-		-				
18	Automatic solar panel cleaning robot	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
Name		Type			Gender		Email		Contact				
B.N. Harish		Faculty			Male		bnh8@rediffmail.com		9880817859				
Name		Type			Gender		Email		Contact				
Ajmal Shariff		Student			Male		-		-				
19	Design and Fabrication of Wire Peeling Machine	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
Dr.B.S Shivakumara		Faculty			Male		shivakumarabs@gmail.com		944854205				
Name		Type			Gender		Email		Contact				
Fabin Jenisha J		Student			Female		-		-				

20	Designing And Developing The 3d Model Of Arduino Controlled Robotic Arm	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 3000	No	No
Name		Type			Gender		Email		Contact				
Dr. N L Muralikrishna		Faculty			Male		muralipesce@gmail.com		9844006400				
Name		Type			Gender		Email		Contact				
Karthik M		Student			Male		-		-				
21	Vision-based text entry using morse code generated by eye gestures	Process Innovation	Technological	Teqip	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
Name		Type			Gender		Email		Contact				
T M Geethanjali		Faculty			Male		hridhank@gmail.com		9980725333				
Name		Type			Gender		Email		Contact				
Adarsh S		Student			Male		-		-				
22	Design and analysis of electric go – kart	Product Innovation	Technological	TEQIP	Alumni	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No

Name	Type	Gender	Email	Contact
Dr.K J Mahendra babu	Faculty	Male	babukjm1008@yahoo.com	9448754666

Name	Type	Gender	Email	Contact
Yashas N Rjl	Student	Male	-	-

23	Design and fabrication of Forest fire detection Robot	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	3000	No	No
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Name	Type	Gender	Email	Contact
K N Pavan	Faculty	Male	GHHGH@GMAIL.COM	4545

Name	Type	Gender	Email	Contact
Abdul Zubair	Student	Male	GHHGH@GMAIL.COM	4545

24	Characteristics evaluation of mechanical properties of hybrid bio composites fabricated with hand layup technique	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	Grant Amount in Rs	2000	No	No
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Name	Type	Gender	Email	Contact
Dr.M.Sadashiva	Faculty	Male	sadashivam@pesce.ac.in	9972212773

Name	Type	Gender	Email	Contact
Kumara M	Student	Male	-	-

25	Effect of Various Wire Electrode Materials on the Performance of Wire Electrical discharge Machining of Al/SiC Composite Material	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Dr.H R Guupavan	Faculty	Male	gurupavanhr@pesce.ac.in	9686632650

Name	Type	Gender	Email	Contact
Anilkumar M N	Student	Male	-	-

26	Vibration and noise signal analysis to detect the gear teeth damage in a gearbox with austempered ductile iron as gear material	Product Innovation	Technological	TEQIP	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Dr.S.L Ajit prasad	Faculty	Male	palspesce@gmail.com	9448643501

Name	Type	Gender	Email	Contact
Raghava Madhyastha P	Student	Male	-	-

27	Bio Fuel Products	Product Innovation, Process Innovation	Non-Technological / Social / Community Innovation		Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	Yes	Grant Amount in Rs	88000	Loan/Investment Agency Name	250000	Agency Type	Govt. Agency (State)	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	0	Date of Investment Raised	02-09-2019	Amount Received in Rs.	150000									
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Prasanna Kumar L</td> <td>Faculty</td> <td>Male</td> <td>peslpk63@gmail.com</td> <td>9844574374</td> </tr> </tbody> </table>																						Name	Type	Gender	Email	Contact	Dr. Prasanna Kumar L	Faculty	Male	peslpk63@gmail.com	9844574374
Name	Type	Gender	Email	Contact																											
Dr. Prasanna Kumar L	Faculty	Male	peslpk63@gmail.com	9844574374																											
28	Design and Fabrication of Racing Go Karting	Product Innovation, Process Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	Grant Amount in Rs	230000	No	No	No	No	No	No	No	No	No	No									
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Name	Type	Gender	Email	Contact																											
Adarsh S	Student	Male	-	-																											

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	AUDITECH INNOVATIONS PRIVATE LIMITED	Process Innovation, Service Innovation	Technological	7171	Student	<div style="background-color: #000080; color: white; padding: 5px;">Venture with Corporate Identification Number (CIN) Registration</div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">U72900KA2019PTC130365</div>	2019-20	Graduated from the Incubation unit	No	No	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #000080; color: white;">Loan/Investment Agency Name</td> <td>Non-Govt Agencies</td> </tr> <tr> <td style="background-color: #000080; color: white;">Agency Type</td> <td>Non-Govt Agencies</td> </tr> <tr> <td style="background-color: #000080; color: white;">Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)</td> <td>Non-Govt Agencies</td> </tr> <tr> <td style="background-color: #000080; color: white;">Date of Investment Raised</td> <td>Non-Govt Agencies</td> </tr> </table>	Loan/Investment Agency Name	Non-Govt Agencies	Agency Type	Non-Govt Agencies	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	Non-Govt Agencies	Date of Investment Raised	Non-Govt Agencies	No	Yes						
Loan/Investment Agency Name	Non-Govt Agencies																										
Agency Type	Non-Govt Agencies																										
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Date of Investment Raised	Non-Govt Agencies																										
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Name	DIN number	Type	Gender	Email	Contact																						
Sankalpa Girish	09116117	Student	Female	sankalpagirisha@auditech.ai	6364629495																						

2	ANAGHALA BS MULTITECH PRIVATE LIMITED	Process Innovation, Service Innovation, Market-place	Technological	7171	Student-Faculty	Venture with Corporate Identification Number (CIN) Registration U72900KA2017PTC100960	2019-20	Graduated from the Incubation unit	No	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Dr. R. Girish		07203547		Faculty		Male		write2girisha@gmail.com		9945212969			

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	Diksoochi Mysuru	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation, Incubation, Mentoring	4	02-03-2020
2	Mentorific Consulting Bangalore	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Incubation, Mentoring, Networking, Investment, Seed fund	2	06-01-2020
3	ALLINNOV RESEARCH AND DEVELOPMENT PRIVATE LIMITED	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation	3	02-11-2020
4	Prayojana Construction Management Training Institute	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Incubation, Mentoring, Seed fund	40	01-10-2019
5	National Highway Authority of India	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring, Networking, Investment	36	12-06-2020

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	Method, Systems and Apparatus for Efficient High Speed Elliptic Curve Point Multiplication Over Prime Field	201841032883	International	2020 - 03	Uploaded
2	Method, Systems and Apparatus for Fast Multi Scalar Elliptic Curve Point Multiplication Over Prime Field	201841032882	International	2020 - 03	Uploaded
3	A system & a method for close proximity notification in retail environment	201741021215	International	2019 - 06	Uploaded
4	A system & method for buying & selling goods	201741021216	International	2019 - 06	Uploaded
5	Aluminum Nano-Hybrid Composite Piston Rings for Diesel Engines	202041007455	International	2020 - 02	Uploaded

6	Electronic processing of paper invoices	201741020994	International	2019 - 06	Uploaded
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