



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: PACE INSTITUTE OF TECHNOLOGY AND SCIENCES [ARI-C-17916]

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

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)
Computer Science and Engineering	Academic Department with lab facility	CSE	At all level	Technical	456	24	10
CIVIL Engineering	Academic Department with lab facility	CIVIL	At all level	Technical	576	30	4
Electrical and Electronics Engineering	Academic Department with lab facility	EEE	At all level	Technical	276	15	5
Mechanical Engineering	Academic Department with lab facility	MECHANICAL	At all level	Technical	396	21	5
Electronics and Communication Engineering	Academic Department with lab facility	ECE	At all level	Technical	576	30	5
Information Technology	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	180	9	2
Automobile Engineering	Academic Department with lab facility	AUTOMOBILE	UG / PG / PhD	Technical	180	9	4
Start Into Your Business(SIYB)	Incubation Unit	Incubation	At all level	Both	4500	232	44
PACEIPR-TTC	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent Facilitation Unit	At all level	Both	4500	232	44
Cloud Computing Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Centre of Excellence	UG / PG / PhD	Technical	636	42	12
Data Warehousing and Hybrid Computing Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Centre of Excellence	UG / PG / PhD	Technical	636	42	12
INDUSTRY INSTITUTE INTERACTION CELL (IIIC)	Industry Institute Interface Unit	Training and career guidance	At all level	Technical	4500	10	1
TEXAS Instruments IOT Innovation Laboratories	Centre of Excellence with Advance Tools & Equipment	Centre of Excellence	UG / PG / PhD	Technical	1212	63	17
Humanities and Sciences	Academic Department with lab facility	Basic Sciences	UG / PG / PhD	Both	1202	62	11

## 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 : IC201811104
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

## 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?		
																Award / Position / Recognition Secured	Certificate	
1	Workshop on Advanced Python Programming	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	22-07-2019 00:00:00	24-07-2019 00:00:00	3	Within Campus	165	5	0	0	170	No	Award / Position / Recognition Secured	Certificate	
																Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate	
																Award/Recognition/Achievement Received for		
2	Workshop on IBM Blue Mix(Cloud Computing)	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	12-08-2019 00:00:00	13-08-2019 00:00:00	2	Within Campus	90	7	0	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	17000	No	
3	A Power Seminar on Robotics	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	52	3	0	0	55	No	No		

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

4	Workshop on Fee Open Source Software	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	320	30	0	0	350	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Participation Certificate</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	certificate	Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	certificate																						
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Award/Recognition/Achievement Received for																							
5	Workshop on Machine Learning with Data Science	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	18-08-2019 00:00:00	20-08-2019 00:00:00	3	Within Campus	110	3	0	0	113	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>25000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000																						
6	Workshop on Internet of Things	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	14-10-2019 00:00:00	15-10-2019 00:00:00	2	Within Campus	157	3	0	0	160	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>23000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000																						
7	Workshop on Sales Force ADX-201	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	02-12-2019 00:00:00	07-12-2019 00:00:00	6	Within Campus	162	6	0	0	168	No	No							
8	Workshop on Advanced Python Programming	Innovation	Workshop	Institute Lead Activity	Information Technology	22-07-2019 00:00:00	24-07-2019 00:00:00	3	Within Campus	60	4	0	0	64	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Participation Certificate</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	Certificate	Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate	Award/Recognition/Achievement Received for	
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**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

9	Workshop on IBM Blue Mix(Cloud Computing)	Innovation	Workshop	Institute Lead Activity	Information Technology	12-08-2019 00:00:00	13-08-2019 00:00:00	2	Within Campus	30	2	0	0	32	No	Award / Position / Recognition Secured	
																Title of Innovation / Start-up Secured the Award / Recognition	Participation
																Award/Recognition/Achievement Received for	
10	Workshop on Fee Open Source Software	Innovation	Workshop	Institute Lead Activity	Information Technology	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	20	2	0	0	22	No	Award / Position / Recognition Secured	certificate
																Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate
																Award/Recognition/Achievement Received for	
11	Workshop on Machine Learning with Data Science	Innovation	Workshop	Institute Lead Activity	Information Technology	18-08-2019 00:00:00	20-08-2019 00:00:00	3	Within Campus	22	4	0	0	26	No	Award / Position / Recognition Secured	Certificate
																Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate
																Award/Recognition/Achievement Received for	

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

12	Workshop on Internet of Things	Innovation	Workshop	Institute Lead Activity	Information Technology	14-10-2019 00:00:00	15-10-2019 00:00:00	2	Within Campus	32	3	0	0	35	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td></td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Participation Certificate</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured		Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured																							
Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate																						
Award/Recognition/Achievement Received for																							
13	Workshop on Sales Force ADX-201	Innovation	Workshop	Institute Lead Activity	Information Technology	02-12-2019 00:00:00	07-12-2019 00:00:00	6	Within Campus	24	4	0	0	28	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Certificate</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Participation Certificate</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	Certificate	Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	Certificate																						
Title of Innovation / Start-up Secured the Award / Recognition	Participation Certificate																						
Award/Recognition/Achievement Received for																							
14	GENERATE YOUR BUSINESS IDEA (GYB) – ENTREPRENEURSHIP TRAINING	Entrepreneurship/Startup	Training	Institute Lead Activity	Department of MBA	19-12-2019 00:00:00	21-12-2019 00:00:00	3	Within Campus	30	0	0	0	30	No	No							
15	IOT Fundamentals	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	ECE	05-12-2019 00:00:00	07-12-2019 00:00:00	3	Within Campus	37	4	0	0	41	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>10000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000																						
16	ARDUINO WORKSHOP	IPR	Workshop	Institute Lead Activity	ECE	09-12-2019 00:00:00	11-12-2019 00:00:00	3	Within Campus	43	3	0	0	46	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>10000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No				
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**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

17	SEMINAR ON WEARABLE ANTENNA FOR MEDICAL APPLICATIONS	IPR, Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	ECE	31-07-2019 00:00:00	31-07-2019 00:00:00	1	Within Campus	52	3	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
18	SEMINAR ON STOCHASTIC QUEUES AND SIMULATION USING JMT1	Innovation	Seminar	Institute Lead Activity	ECE	08-12-2019 00:00:00	08-12-2019 00:00:00	1	Within Campus	46	2	0	0	48	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
19	SEMINAR ON SHORT RANGE MIMO COMMUNICATION	Innovation	Seminar	Institute Lead Activity	ECE	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	43	2	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
20	SEMINAR ON MELIGN CELL PROCESSING IN MEDICAL IMAGING	IPR, Innovation	Seminar	Institute Lead Activity	ECE	07-08-2019 00:00:00	07-08-2019 00:00:00	1	Within Campus	47	2	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
21	WORKSHOP ON SPOCs	Innovation	Workshop	Institute Lead Activity	ECE	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	60	3	0	0	63	No		No
22	COMPREHENSIVE SENSING IN WIRELESS COMMUNICATION	Innovation	Seminar	Institute Lead Activity	ECE	10-07-2019 00:00:00	10-07-2019 00:00:00	1	Within Campus	45	2	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
23	CISCO NETWORKING ACADEMY	Innovation	Seminar	Institute Lead Activity	ECE	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	6	0	0	0	6	No		No
24	Faculty development program on FOUNDATIONS: Fundamental aspects to design	Innovation	Workshop	Institute Lead Activity	Department of Civil Engineering	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	0	35	0	0	35	No		No

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

25	APSSDC - SIEMENS Certification course	Entrepreneurship/Startup	Skill development	Institute Lead Activity	APSSDC - SIEMENS	16-12-2019 00:00:00	28-12-2019 00:00:00	13	Outside Campus	41	0	0	0	41	No	No	
26	A one day National Level workshop on Technical Challenges on PV Grid Integration	Innovation	Workshop	Institute Lead Activity	EEE	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	120	10	0	0	130	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
27	A one day National Level workshop on Analysis of Optimization Techniques for Engineering Applications using MATLAB	Innovation	Workshop	Institute Lead Activity	EEE	22-09-2019 00:00:00	22-09-2019 00:00:00	1	Within Campus	60	10	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
28	Intellectual property :copyright , Trademarks and patents	Innovation	Innovation Contest	Institute Lead Activity	Mechanical	18-12-2019 00:00:00	18-12-2019 00:00:00	1	Within Campus	40	17	0	0	57	No	No	
29	National Innovation and Start up Policy	Innovation	Innovation Contest	Institute Lead Activity	Mechanical	18-12-2019 00:00:00	18-12-2019 00:00:00	1	Within Campus	32	15	0	0	47	No	No	
30	National Innovation and Start up Policy	Innovation	Orientation Session	Institute Lead Activity	Mechanical	05-12-2019 00:00:00	05-12-2019 00:00:00	1	Within Campus	52	2	0	0	54	No	No	
31	Entrepreneurship skills exposure	Entrepreneurship/Startup, Innovation	Exposure visit	Institute Lead Activity	Mechanical	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	22	5	0	0	27	No	No	
32	Intellectual Property Rights (IPR)	IPR	Demo Day	Institute Lead Activity	Mechanical	23-12-2019 00:00:00	24-12-2019 00:00:00	2	Within Campus	71	6	0	0	77	No	No	

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

33	Design Thinking	Innovation	Awareness	Institute Lead Activity	Mechanical	03-12-2019 00:00:00	03-12-2019 00:00:00	1	Within Campus	63	3	0	0	66	No	No			
34	Ashoka Social Entrepreneur	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Mechanical	23-12-2019 00:00:00	31-12-2019 00:00:00	9	Within Campus	77	7	0	0	84	No	No			
35	Faculty Development Program On Product Design Engineering By Using Fusion 360 Software	Innovation	Skill development	Institute Lead Activity	Mechanical	15-07-2019 00:00:00	19-07-2019 00:00:00	5	Within Campus	0	10	0	0	10	No	No			
36	International Conference on Future Generation Functional Materials and Research 2020 (ICFMR 2020)	Innovation	Conference	Institute Lead Activity	Mechanical	12-03-2020 00:00:00	14-03-2020 00:00:00	3	Within Campus	0	14	20	21	55	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>120000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	120000	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	120000																		

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

1	START AND IMPROVE YOUR BUSINESS	Entrepreneurship/Startup	Start-up Conclave	PACE INSTITUTE OF TECHNOLOGY AND SCIENCES	Educational Institute	16-09-2019 00:00:00	17-10-2019 00:00:00	32	30	2	32	Yes	NATIONAL BUSINESS CONFERENCE AND AWARD	PACE INNOVATION RAISING ENTREPRENEUR OF INDIA	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	Award / Position / Recognition Secured	NATIONAL BUSINESS CONFERENCE AND AWARD
																	Title of Innovation / Start-up Secured the Award / Recognition	PACE INNOVATION RAISING ENTREPRENEUR OF INDIA
																	Award/Recognition/Achievement Received for	Business Model/Start up
2	Design of Reinforced concrete structures	Innovation	Skill development	NPTCL	Govt. Agency (Central)	18-09-2019 00:00:00	20-09-2019 00:00:00	3	0	1	1	No	---	---	No		No	
3	Design and benchmark of the power converters with power store	Innovation	Workshop	Vellore Institute of Technology	Corporate / Industry Association	02-08-2019 00:00:00	02-08-2019 00:00:00	1	6	2	8	No	---	---	No		No	
4	symposium	Innovation	Innovation Contest	NARAYANA ENGINEERING COLLEGE	Corporate / Industry Association	18-10-2019 00:00:00	18-10-2019 00:00:00	1	6	0	6	Yes	I Prize	Technical Quiz	No		Award / Position / Recognition Secured	I Prize
																	Title of Innovation / Start-up Secured the Award / Recognition	Technical Quiz
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

**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**

5	symposium	Innovation	Innovation Contest	SSN ENGINEERING COLLEGE	Corporate / Industry Association	21-09-2019 00:00:00	21-09-2019 00:00:00	1	6	0	6	Yes	I Prize	Technical Quiz	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>I Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Technical Quiz</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	I Prize	Title of Innovation / Start-up Secured the Award / Recognition	Technical Quiz	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	I Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Technical Quiz																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
6	symposium	Innovation	Innovation Contest	QIS College of Engineering and Technology	Corporate / Industry Association	15-02-2020 00:00:00	15-02-2020 00:00:00	1	8	0	8	Yes	III Prize	PAPER PRESENTATION	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>III Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>PAPER PRESENTATION</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	III Prize	Title of Innovation / Start-up Secured the Award / Recognition	PAPER PRESENTATION	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	III Prize																					
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Award/Recognition/Achievement Received for	Novel Research Paper/Work																					
7	Symposium	Innovation	Innovation Contest	PRAKASAM ENGINEERING COLLEGE	Corporate / Industry Association	07-02-2020 00:00:00	07-02-2020 00:00:00	1	5	0	5	Yes	II Prize	PAPER PRESENTATION	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>II Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>PAPER PRESENTATION</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	II Prize	Title of Innovation / Start-up Secured the Award / Recognition	PAPER PRESENTATION	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Title of Innovation / Start-up Secured the Award / Recognition	PAPER PRESENTATION																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
8	Symposium	Innovation	Innovation Contest	PVP SIDDARTHA Institute of Technology	Corporate / Industry Association	29-02-2020 00:00:00	29-02-2020 00:00:00	1	5	0	5	No	---	---	No	No						
9	symposium	Innovation	Innovation Contest	RISE SAI PRAKASHAM ENGINEERING COLLEGE	Corporate / Industry Association	30-01-2020 00:00:00	30-01-2020 00:00:00	1	7	0	7	No	---	---	No	No						

### List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Entrepreneurship Development and Small Business	Entrepreneurship/Startup	Elective/Core Credit Course	Master	MBA	03-02-2020	30-05-2020	118	Online	167	50
2	Professional Ethics and Human Values	IPR	Full time Program	Bachelor	MBA	22-06-2020	10-10-2020	111	Offline	180	40
3	IPR and PATENTS	IPR	Full time Program	Bachelor	MBA	09-12-2019	14-03-2020	97	Offline	180	40
4	Hand on trending for Remote Sensing and its Applications	Innovation	Short term Course	Short Term Certificate Course	JNTUK	25-11-2019	30-11-2019	6	Offline	2	48
5	IPR	IPR	Full time Program	Bachelor	MECH	23-11-2019	26-03-2020	125	Offline	120	65
6	PEHV	IPR	Full time Program	Bachelor	MECH	19-11-2019	26-03-2020	129	Offline	120	60
7	Constitution of India	IPR	Full time Program	Bachelor	meh	19-11-2019	26-03-2020	129	Offline	120	60
8	A One week workshop on MATLAB training program	Innovation	Short term Course	Bachelor	EEE	02-03-2020	07-03-2020	6	Offline	63	30
9	A one week Training on Basics of PLC	Innovation	Short term Course	Bachelor	EEE	24-02-2020	29-02-2020	6	Offline	60	30

### 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	Blockchain Technology	Innovation	FDP in I&E / IPR	IIT ROORKEE	21-04-2020	28-04-2020	8	Online	1	32
2	CYBER SECURITY	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING ACADEMY	25-05-2020	29-05-2020	5	Online	1	40
3	ICT TOOLS	Innovation	FDP in I&E / IPR	SREE VIDYANIKETHAN ENGINEERING COLLEGE	11-05-2020	16-05-2020	6	Online	4	36
4	PRIVACY AND SECURITY IN IOT	Innovation	FDP in I&E / IPR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	27-07-2020	01-08-2020	6	Online	1	30
5	PYTHON AND R	Innovation	FDP in I&E / IPR	ESWARI ENGINEERING COLLEGE	20-04-2020	30-04-2020	11	Online	3	44
6	Biomedical Signal Processing and Applications	Innovation	FDP in I&E / IPR	Electronic Communication Engineering	01-11-2019	14-11-2019	14	Offline	2	45
7	Research Methodology and Experimental Data Analysis	Innovation	FDP in I&E / IPR	Electronic Communication Engineering	25-11-2019	30-11-2019	6	Offline	1	40

8	Arduino	Innovation	FDP in I&E / IPR	Electronic Communication Engineering	29-04-2020	03-05-2020	5	Online	5	34
9	Python	Innovation	EDP in I&E / IPR	Spoken Tutorial IIT Bombay	20-04-2020	30-04-2020	11	Online	6	40
10	Digital Image Processing Using MATLAB	Innovation	FDP in I&E / IPR	Electronic Communication Engineering	24-04-2020	27-04-2020	4	Online	4	32
11	Latex	Innovation	FDP in I&E / IPR	Spoken Tutorial IIT Bombay	27-04-2020	02-05-2020	6	Online	2	40
12	IMAGE AND EMBEDDED PROCESSING	Innovation	FDP in I&E / IPR	NITTTR CHANDIGARH	27-04-2020	01-05-2020	5	Online	1	35
13	LATEST WIRELESS AND COMPUTING TECHNOLOGIES	Innovation	FDP in I&E / IPR	NITTTR CHANDIGARH	14-04-2020	18-04-2020	5	Online	1	35
14	LOW POWER VLSI DESIGN	Innovation	FDP in I&E / IPR	NITTTR CHANDIGARH	20-04-2020	24-04-2020	5	Online	1	35
15	SCI LAB	Innovation	FDP in I&E / IPR	SPOKEN TUTORIAL	29-04-2020	03-05-2020	5	Online	5	35
16	Data Science	Innovation	FDP in I&E / IPR	AICTE	18-04-2020	24-04-2020	7	Online	1	35
17	Arduino Programming and labs	Innovation	FDP in I&E / IPR	Udemy	13-04-2020	30-04-2020	18	Online	2	32
18	Crash on Electronics and PCB Design	Innovation	FDP in I&E / IPR	UDEMY	14-04-2020	16-05-2020	33	Online	2	40
19	Develop a Company Website with Wix	Innovation	EDP in I&E / IPR	COURSERA	29-04-2020	03-05-2020	5	Online	1	32
20	How to Write a Successful Research Paper	Innovation	FDP in I&E / IPR	UDEMY	09-04-2020	30-04-2020	22	Online	1	35
21	innovative trends in data analysis with AI	Innovation	FDP in I&E / IPR	MALLINENI LAKSHMAIAH WOMENS ENGINEERING COLLEGE	26-05-2020	30-05-2020	5	Online	2	30
22	INTRODUCTION TO CYBER SECURITY	Innovation	FDP in I&E / IPR	ICT ACADEMY	30-04-2020	05-05-2020	6	Online	1	36
23	DATA SCIENCES	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING ACADEMY	20-04-2020	24-04-2020	5	Online	1	30
24	PYTHON 3	Innovation	FDP in I&E / IPR	SATYABHAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	04-05-2020	08-05-2020	5	Online	1	30
25	MOODLE LEARNING MANAGEMENT SYSTEM	Innovation	FDP in I&E / IPR	SPOKEN TUTORIALS IIT BOMBAY	25-04-2020	30-04-2020	6	Online	2	30
26	ADVANCED PYTHON PROGRAMMING USING DJANGO	Innovation	FDP in I&E / IPR	MALLINENI LAKSHMAIAH WOMENS ENGINEERING COLLEGE	21-05-2020	25-05-2020	5	Online	1	30

27	AWS CLOUD COMPUTING	Innovation	FDP in I&E / IPR	ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION	22-06-2020	26-06-2020	5	Online	1	30
28	RESEARCH TENDS IN IMAGE PROCESSING	Innovation	FDP in I&E / IPR	GATES INSTITUTE OF TECHNOLOGY	15-06-2020	19-06-2020	5	Online	1	30
29	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Innovation	FDP in I&E / IPR	VEMU INSTITUTE OF TECHNOLOGY	25-05-2020	29-05-2020	5	Online	1	30
30	DATA SCIENCE USING PYTHON	Innovation	FDP in I&E / IPR	JEPPIAR INSTITUTE OF TECHNOLOGY	18-05-2020	22-05-2020	5	Online	1	30
31	PHP AND MYSQL	Innovation	FDP in I&E / IPR	SRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT	26-05-2020	30-05-2020	5	Online	1	30
32	BLOCKCHAIN TECHNOLOGY	Innovation	FDP in I&E / IPR	ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION	13-07-2020	17-07-2020	5	Online	1	30
33	AURDINO	Innovation	FDP in I&E / IPR	SRI RHAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT	20-05-2020	24-05-2020	5	Online	1	30
34	ARTIFICIAL INTELLIGENCE	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING LEARNING	08-06-2020	12-06-2020	5	Online	1	30
35	DATA SCIENCES	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING ACADEMY	18-04-2020	22-04-2020	5	Online	1	30
36	BLOCKCHAIN	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING ACADEMY	18-11-2019	22-11-2019	5	Online	1	30
37	NAAC awareness programme for faculty	Innovation	FDP in I&E / IPR	mmit pune	08-05-2020	14-05-2020	7	Online	1	35
38	faculty awareness programme on NAAC accreditation	Innovation	FDP in I&E / IPR	shri chatrapati shivajiraje college of engineering	10-05-2020	15-05-2020	6	Online	1	36
39	java applications	Innovation	FDP in I&E / IPR	RMD sinhgad school of engineering	27-04-2020	02-05-2020	6	Online	1	36
40	LATEX	Innovation	FDP in I&E / IPR	Spoken Tutorial IIT Bombay	04-05-2020	08-05-2020	5	Online	1	30
41	ARTIFICIAL INTELLIGENCE	Innovation	FDP in I&E / IPR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	22-05-2020	26-05-2020	5	Online	1	30
42	INTRODUCTION TO DATA SCIENCE	Innovation	FDP in I&E / IPR	GUNTUR ENGINEERING COLLEGE	18-05-2020	22-05-2020	5	Online	1	30

43	BLOCKCHAIN TECHNOLOGY	Innovation	FDP in I&E / IPR	AICTE TRAINING AND LEARNING ACADEMY	11-05-2020	15-05-2020	5	Online	2	30
44	BOSS LINUX-UBUNTU OPERATING SYSTEM	Innovation	FDP in I&E / IPR	SPOKEN TUTORIALS	15-04-2020	21-04-2020	7	Online	1	49
45	AWARENESS PROGRAM ON WOMEN AND SOCIETY	Innovation	FDP in I&E / IPR	SANKARA COLLEGE OF SCIENCE AND COMMERCE	12-05-2020	16-05-2020	5	Online	1	30
46	PROGRAMMING IN CP METHODOLOGIES	Innovation	FDP in I&E / IPR	NITTRK	20-04-2020	24-04-2020	5	Online	1	30
47	Innovation IPR Entrepreneurship and Start-ups among HEIS	Entrepreneurship/Startup	FDP in I&E / IPR	ICof MHRDs Innovation Cell	24-04-2020	22-05-2020	29	Online	4	60
48	Novel material	Innovation	FDP in I&E / IPR	mech	13-08-2020	18-08-2020	6	Online	1	31
49	A one week Training program on Employability Skills	Innovation	Employment Generation Training Programs	EEE	24-07-2019	29-07-2019	6	Offline	55	30

**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)**

**No Data Filled!**

**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	Spark Club	Idea Club	2018	Co-working Space	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	10	C. Sandeep	18kq5a0302@pace.ac.in	9440847098

**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)**

**No Data Filled!**

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

1	Cloud Computing	2015	Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. D. Anandam</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anand_d@pace.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8919560742</td> </tr> </table>	Facility Incharge Name	Mr. D. Anandam	Facility Incharge Email	anand_d@pace.ac.in	Facility Incharge Phone	8919560742	2	No	No	Yes
Facility Incharge Name	Mr. D. Anandam														
Facility Incharge Email	anand_d@pace.ac.in														
Facility Incharge Phone	8919560742														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						

**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	PACE Incubation Center	2019	Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. M. Janaki Ram</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dean_edc@pace.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8142791146</td> </tr> </table>	Facility Incharge Name	Mr. M. Janaki Ram	Facility Incharge Email	dean_edc@pace.ac.in	Facility Incharge Phone	8142791146	8	No	No	No
Facility Incharge Name	Mr. M. Janaki Ram														
Facility Incharge Email	dean_edc@pace.ac.in														
Facility Incharge Phone	8142791146														

**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

No Data Filled!

**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

No Data Filled!

**Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

No Data Filled!

**Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

No Data Filled!

**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
1	A Hybrid Electric Bike for physically handicapped persons	Product Innovation	Technological	PACE Incubation Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
		<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>			<b>Contact</b>		
		Dharanikota Hemanth Kumar		Student		Male		dineshkumar_m@pace.ac.in			9965074145		
		<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>			<b>Contact</b>		
		Mr. M. Dinesh Kumar		Faculty		Male		dineshkumar_m@pace.ac.in			9965074145		
2	A smart language ID card for learning languages	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
		<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>			<b>Contact</b>		
		Thota Manohar		Student		Male		janakiram_m@pace.ac.in			8142791146		
		<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>			<b>Contact</b>		
		Mr. M. Janaki Ram		Faculty		Male		janakiram_m@pace.ac.in			8142791146		



3	BIO-MEDICAL INCINERATOR WITH EXHAUST GAS TREATMENT	Process Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	MADDIPATI NARASIMHA YASASWI		Student			Female		vijayan_m@pace.ac.in			9941215787		
	Name		Type			Gender		Email			Contact		
Mr. M. Vijayan		Faculty			Male		vijayan_m@pace.ac.in			9941215787			
4	Design and Development of Smart Water Bottle	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Somiseti Venkata Sai Nagesh Kumar		Student			Male		sundeep_k@pace.ac.in			9032294865		
	Name		Type			Gender		Email			Contact		
Mr. K. Sundeep		Faculty			Male		sundeep_k@pace.ac.in			9032294865			
5	DEVELOPMENT OF ADAPTIVE PLASTIC PYROLYSIS PLANT TO GENERATE ELECTRICITY	Process Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Pothuraju Vineetha		Student			Female		murthy260@gmail.com			9581456543		
	Name		Type			Gender		Email			Contact		
Dr G V K Murthy		Faculty			Male		murthy260@gmail.com			9581456543			

6	Efficient Utilization of Vehicle Jammer	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Bejawada Rachana Reddy		Student			Female		rajsra_mca@rediffmail.com			9443399113		
	Name		Type			Gender		Email			Contact		
Dr. S. Raj Anand		Faculty			Male		rajsra_mca@rediffmail.com			9443399113			
7	High Performance of Wireless Connectivity	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Degala Venkata Naga Amara Sai Yaswanth		Student			Male		rajsra_mca@rediffmail.com			9443399113		
	Name		Type			Gender		Email			Contact		
Dr. S. Raj Anand		Faculty			Male		rajsra_mca@rediffmail.com			9443399113			
8	Human Behaviour Analysis using Facial Expressions with Machine Learning Techniques	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Nakka Megha Syam		Student			Male		anilkumar_d@pace.ac.in			9030111412		
	Name		Type			Gender		Email			Contact		
Dr. D. Anil Kumar		Faculty			Male		anilkumar_d@pace.ac.in			9030111412			

9	Hybrid Solar Oven by Thermo Electric Generators	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Karamsetty Veera Sivaji		Student			Male		dr_dhass@pace.ac.in			9940310389		
	Name		Type			Gender		Email			Contact		
Dr. A.D. Dhass		Faculty			Male		dr_dhass@pace.ac.in			9940310389			
10	SMART CITY SURVEILLANCE	Service Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Shaik Sajid		Student			Male		chaitanya_tr@pace.ac.in			9581456542		
	Name		Type			Gender		Email			Contact		
Dr. T.R. Chaitanya		Faculty			Male		chaitanya_tr@pace.ac.in			9581456542			
11	Synthesis of high purity powders using Radio Frequency Plasma Technology for Additive Manufacturing	Process Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
	Name		Type			Gender		Email			Contact		
	Adapa Durga Poojith		Student			Female		ramakrishna_p@pace.ac.in			7997992725		
	Name		Type			Gender		Email			Contact		
Dr. Ram Krishna		Faculty			Male		ramakrishna_p@pace.ac.in			7997992725			
Dr. M. Sreenivasan		Faculty			Male		principal@pace.ac.in			9703020577			

12	Vehicle Speed Controller and Accident Prediction	Service Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Pasam Anand		Student			Male		anand_jv@pace.ac.in			9994088309			
Name		Type			Gender		Email			Contact			
Dr. J. V. Anand		Faculty			Male		anand_jv@pace.ac.in			9994088309			
13	VOICE BASED TV REMOTE CONTROL USING IoT FOR LOW VISION PERSONS	Product Innovation	Technological	PACE Incubation Center	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender		Email			Contact			
Tati Sakunthala		Student			Female		drs2019@pace.ac.in			9442740749			
Name		Type			Gender		Email			Contact			
Dr. S. RADHAKRISHNAN		Faculty			Male		drs2019@pace.ac.in			9442740749			

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

No Data Filled!

**List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

No Data Filled!

**List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

No Data Filled!

**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]
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1	SYNTHESIS OF NANO-POWDERS USING HIGH-FREQUENCY PLASMA TECHNOLOGY FOR USE IN NEXT GENERATION ADDITIVE MANUFACTURING	201941053287	National	2020 - 01	Uploaded
	2	A USER-FRIENDLY HYBRID ELECTRIC VEHICLE USING THE CONCEPT OF REVERSE POLARITY	202041000836	National	2020 - 01
NA		3	HIGH-FREQUENCY PLASMATRON	202041004694	National
2020 - 02	NA		4	SOBEK TURBINE	202041008862
National	2020 - 03	NA		5	HIGH PERFORMANCE OF WIRELESS CONNECTIVITY
202041000123	National	2020 - 01	Uploaded		6
LAPTOP LOCK	202041000837	National	2020 - 01	Uploaded	
7	EFFICIENT UTILIZATION OF VEHICLE JAMMER ON THE ROAD	202041000124	National	2020 - 01	NA
	8	SMART CITY SURVEILLANCE	202041003103	National	2020 - 02
NA		9	AN IOT BASED INTELLIGENT DUST BIN	202041004695	National
2020 - 02	NA		10	VOICE BASED TV REMOTE CONTROL USING IOT FOR LOW VISION PERSONS	202041010991
National	2020 - 03	NA		11	SMART LANGUAGE ID CARD
202041002977	National	2020 - 01	NA		12
SMART VOICE COMMANDING GPS WATCH	202041009100	National	2020 - 03	NA	
13	WIRELESS PEEL TESTING INSTRUMENT FOR UNDERGROUND BURIED GAS PIPES AS PER DIN 36070 METHOD II IN THE INDUSTRIAL HARSH ENVIRONMENT.	202041005044	National	2020 - 02	NA
	14	DESIGN AND DEVELOPMENT OF SMART WATER BOTTLE	201941050675	National	2019 - 12
Uploaded		15	DESIGN OF A VENTURI TUBE MODEL OF AN AIR INTAKE MANIFOLD FOR USE IN FORMULA RACING CARS	202041005041	National
2020 - 02	NA		16	SMART PARKING SYSTEM FOR SMART CITY BY INTEGRATING IOT CLOUD	201941026189

**List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

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

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

Dear Sir,

Herewith, myself Dr. M. Sreenivasan (Head of Institute) and Mr. S. Phani Kumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



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Dr. M. Sreenivasan  
Head of the Institution,  
Ongole, Andhra Pradesh

Nodal officer



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Mr. S. Phani Kumar  
Nodal Officer,  
Ongole, Andhra Pradesh