



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Hindusthan Institute of Technology [ARI-C-37046]

### Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body ( Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body ( Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body ( Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Hindusthan Institute of Technology	96292221.15	115313272.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	96292221.15	115313272.00	

**Institute Type : Colleges/Institutes (Private / Self Financed)**

**Total Student Base ( Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 1625**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 144**

### Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Advances in Propulsion Technology	Innovation	Seminar	Institute Lead Activity	Aeronautical Engineering	30-01-2019 00:00:00	31-01-2019 00:00:00	2	Within Campus	40	2	7	0	49	Yes	22910
Opportunities for Aeronautical Engineers in Engineering services sector	Innovation	Expert Talk	Institute Lead Activity	Aeronautical Engineering	18-09-2018 00:00:00	18-09-2018 00:00:00	1	Within Campus	107	8	0	0	115	Yes	2708
Advancements of materials used in Aerospace applications	Innovation	Expert Talk	Institute Lead Activity	Aeronautical Engineering	14-08-2018 00:00:00	14-08-2018 00:00:00	1	Within Campus	107	8	0	0	115	Yes	2602
Advanced Energy Storage System in Electric Vehicles	Entrepreneurship/Startup, Innovation	Workshop and Demo Day	Institute Lead Activity	Automobile Engineering	25-02-2019 00:00:00	25-02-2019 00:00:00	1	Within Campus	133	8	45	0	186	No	---

## Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Engine Testing and Overhauling	Innovation	Workshop	Institute Lead Activity	Automobile Engineering	03-06-2019 00:00:00	03-06-2019 00:00:00	1	Within Campus	133	8	88	0	229	Yes	2500
Entrepreneurship Awareness Camp	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	Automobile Engineering	10-04-2018 00:00:00	10-04-2018 00:00:00	1	Within Campus	133	8	0	0	141	No	---
Prominence of Suspension System	Innovation	Seminar	Institute Lead Activity	Automobile Engineering	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	133	8	0	0	141	Yes	20000
Recent Modeling Techniques	Innovation	Expert Talk	Institute Lead Activity	Automobile Engineering	14-08-2018 00:00:00	14-08-2018 00:00:00	1	Within Campus	133	8	0	0	141	Yes	10000
Road Safety Awareness	Innovation	Expert Talk	Institute Lead Activity	Automobile Engineering	08-07-2018 00:00:00	08-07-2018 00:00:00	1	Within Campus	133	8	0	0	141	Yes	10000
Financial Management in Business.	Innovation	Workshop	Student Lead Activity	MBA	02-04-2019 00:00:00	02-04-2019 00:00:00	1	Within Campus	50	6	0	0	56	Yes	2500
Mutual Fund Investment	Entrepreneurship/Startup	National Seminar	Institute Lead Activity	MBA	16-03-2019 00:00:00	16-03-2019 00:00:00	1	Within Campus	125	100	25	2	252	Yes	3000
Innovative Practice in Management and Technology	Innovation	National conference	Institute Lead Activity	MBA	01-02-2019 00:00:00	01-02-2019 00:00:00	1	Within Campus	135	100	35	5	275	Yes	35000
CEO Pep Talk	Entrepreneurship/Startup, Innovation	Motivational speech	Student Lead Activity	MBA	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	55	61	0	0	116	Yes	1000
How to start a company	Entrepreneurship/Startup	Awareness	Institute Lead Activity	MBA	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	125	140	0	0	265	Yes	1500
Marketing Mantra	Innovation	Motivational speech	Student Lead Activity	MBA	03-08-2018 00:00:00	03-08-2018 00:00:00	1	Within Campus	135	141	0	0	276	Yes	1000
Investment planning and portfolio management	Innovation	Motivational speech	Student Lead Activity	MBA	20-08-2018 00:00:00	20-08-2018 00:00:00	1	Within Campus	118	125	0	0	243	Yes	2500
Stock Market and Stock War	Innovation	Motivational speech	Student Lead Activity	MBA	07-08-2018 00:00:00	07-08-2018 00:00:00	1	Within Campus	118	125	0	0	243	Yes	2500
What the Industries needs from the budding managers	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	MBA	30-07-2018 00:00:00	30-07-2018 00:00:00	1	Within Campus	50	55	0	0	105	Yes	1000
HR Role in Industry	Entrepreneurship/Startup	Ideation	Student Lead Activity	MBA	20-07-2018 00:00:00	20-07-2018 00:00:00	1	Within Campus	50	55	0	0	105	Yes	1000

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Development of portable type loose biomass gasification system and training scheduled Caste and scheduled tribes in Biomass energy Entrepreneurship	Entrepreneurship/Startup	Awareness Programme	Institute Lead Activity	Mechanical Engineering	05-10-2018 00:00:00	05-11-2018 00:00:00	32	Outside Campus	12	2	22	1	37	Yes	15000
Development of portable type loose biomass gasification system and training scheduled Caste and scheduled tribes in Biomass energy Entrepreneurship	Entrepreneurship/Startup	Awareness Programme	Institute Lead Activity	Mechanical Engineering	24-05-2019 00:00:00	25-05-2019 00:00:00	2	Outside Campus	12	2	22	1	37	Yes	15000
Seven Days FDTP on CS6703-Grid and Cloud Computing	Innovation	Training	Institute Lead Activity	Computer Science and Engineering	11-06-2018 00:00:00	17-06-2018 00:00:00	7	Within Campus	0	5	0	20	25	Yes	20000
Two days National level seminar on Smart Surveillance Monitoring Using Raspberry PI with IoT	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	17-07-2018 00:00:00	18-07-2018 00:00:00	2	Within Campus	71	10	12	0	93	Yes	20055
Two days National Level workshop on Recent Research Trends in Bioinformatics and Its Applications in Healthcare Using Bigdata	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	30-08-2018 00:00:00	31-08-2018 00:00:00	2	Within Campus	28	10	82	0	120	Yes	88440
One day National Level Seminar on Quantum Cryptography	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering	05-05-2018 00:00:00	05-05-2018 00:00:00	1	Within Campus	78	0	0	0	78	Yes	15035

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Three days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Computer Science and Engineering	09-10-2018 00:00:00	11-10-2018 00:00:00	3	Within Campus	170	0	0	0	170	Yes	20258
Two Days National Level workshop on OS Configuration and Installation	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	09-01-2019 00:00:00	10-01-2019 00:00:00	2	Within Campus	30	0	0	0	30	Yes	19756
One Day National Level Technical Symposium SPARTAN Z19	Innovation	Symposium	Student Lead Activity	Computer Science and Engineering	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	0	0	112	0	112	Yes	39058
One Day National Level Seminar on Impact Of Bio-Materials and Bioengineering in Advanced Clinical Diagnostic Devices On The Progress And Improvement of Human Health Care	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	24-08-2018 00:00:00	24-08-2018 00:00:00	1	Within Campus	100	6	102	0	208	Yes	50000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness Camp	Institute Lead Activity	Electronics and Communication Engineering	03-09-2018 00:00:00	05-09-2018 00:00:00	3	Within Campus	102	8	0	0	110	Yes	100000
National Level Technical Symposium BARNSTROMZ 2K18 and Project Expo	Entrepreneurship/Startup	Technical Symposium	Institute Lead Activity	Electronics and Communication Engineering	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	108	10	150	0	268	Yes	10000
PLC and SCADA	Entrepreneurship/Startup	National Workshop	Institute Lead Activity	Electronics and Communication Engineering	27-09-2018 00:00:00	29-09-2018 00:00:00	3	Within Campus	0	0	50	5	55	Yes	10000
Quantum Cryptography	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	23-10-2018 00:00:00	23-10-2018 00:00:00	1	Within Campus	100	0	102	5	207	Yes	10000

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Nuclear Energy and Societal Development for a Sustainable Universal Society	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	26-10-2018 00:00:00	27-10-2018 00:00:00	2	Within Campus	102	6	122	0	230	Yes	25000
Renewable Technologies for On-Grid Electricity Generation	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	22-01-2019 00:00:00	22-01-2019 00:00:00	1	Within Campus	102	5	110	4	221	Yes	15000
Protection against Ionizing Radiation Hazards and their Potential Effects on Biological Agents	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	15-02-2019 00:00:00	15-02-2019 00:00:00	1	Within Campus	102	10	115	0	227	Yes	25000
State Level Project Expo 2K19	Innovation	Project Expo	Institute Lead Activity	Electronics and Communication Engineering	22-02-2019 00:00:00	22-02-2019 00:00:00	1	Within Campus	50	0	55	0	105	Yes	10000
Embedded System Design Using IoT	Innovation	National Workshop	Institute Lead Activity	Electronics and Communication Engineering	23-02-2019 00:00:00	23-02-2019 00:00:00	1	Within Campus	10	0	55	0	65	Yes	10000
The Operational Environment and The Changing Character of Future Warfare	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	08-03-2019 00:00:00	08-03-2019 00:00:00	1	Within Campus	102	0	115	5	222	Yes	50000
National Level Conference and Project Expo On Innovative Patterning Technologies in Electronics and Communication (NCIPTEC 19)	Innovation	Conference and Project Expo	Institute Lead Activity	Electronics and Communication Engineering	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	102	0	115	0	217	Yes	10000
Underwater Optical Acoustic Communication System for Swarm Unmanned Vehicle Network	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	22-03-2019 00:00:00	22-03-2019 00:00:00	1	Within Campus	102	0	115	0	217	Yes	100000

**Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation**

Knowledge Breaks in Environmental Health and Safety for Sustainable Progress of Nano-Industries	Innovation	Technical Seminar	Institute Lead Activity	Electronics and Communication Engineering	05-03-2019 00:00:00	06-03-2019 00:00:00	2	Within Campus	102	0	102	0	204	Yes	30000
ICSSR Sponsored Two Days National Level Seminar on Digital India initiatives Challenges and Opportunities for Choosing a Successful Career Path	Innovation	Seminar	Institute Lead Activity	Department of Information Technology	25-04-2019 00:00:00	26-04-2019 00:00:00	2	Within Campus	75	15	30	5	125	Yes	200000
A National Conference on Advances in Computing Technologies NCACT 19	Innovation	Conference	Institute Lead Activity	Department of Information Technology	08-03-2019 00:00:00	08-03-2019 00:00:00	1	Within Campus	75	15	30	5	125	Yes	15000
A National Level Technical Symposium TECHMAGNETS 19	Innovation	Symposium	Institute Lead Activity	Department of Information Technology	19-02-2019 00:00:00	19-02-2019 00:00:00	1	Within Campus	75	15	30	5	125	Yes	25000
National Commission for Women NCW Sponsored one day Seminar The Legal Rights for Women	Innovation	Training	Institute Lead Activity	Department of Information Technology	03-11-2018 00:00:00	03-11-2018 00:00:00	1	Within Campus	75	15	30	5	125	Yes	28500
A National Level Seminar Quantum Cryptography	Innovation	Seminar	Institute Lead Activity	Department of Information Technology	23-10-2018 00:00:00	23-10-2018 00:00:00	1	Within Campus	75	15	30	5	125	Yes	10000
National Level Workshop on Grid and Cloud Computing	Innovation	Workshop	Institute Lead Activity	Department of Information Technology	22-09-2018 00:00:00	22-09-2018 00:00:00	1	Within Campus	75	15	30	5	125	Yes	10000
DST-NSTEDB Sponsored Seminar	Innovation	Seminar	Institute Lead Activity	Department of Information Technology	05-09-2018 00:00:00	05-09-2018 00:00:00	1	Within Campus	75	15	30	5	125	Yes	20000

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

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 program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
GIAN course on Advanced IC Engines	Innovation	Faculty Development Programme	National Institute of Technology, Trichy	Educational Institute	06-05-2019 00:00:00	17-05-2019 00:00:00	12	0	1	1	No	---	---	No	---
Aerospace And Defense Manufacturing Show	Innovation	Exposure Visit	Hindustan Aeronautics Limited (HAL), Bangalore	Govt. Agency (Central)	09-08-2018 00:00:00	10-08-2018 00:00:00	2	15	2	17	No	---	---	Yes	6000
Skill Development For Creation Of World Class Aerospace and Aviation Ecosystem	Innovation	Seminar	Aerospace and Aviation Sector Skill Council (AASSC)	Govt. Agency (Central)	17-08-2018 00:00:00	17-08-2018 00:00:00	1	11	1	12	No	---	---	No	---
International Level Workshop On CFD-NASA Supersonic Space Shuttle Design And Aerodynamics	Innovation	Workshop	Aero Engineers, Bangalore	Non-Govt. Agencies	15-07-2018 00:00:00	15-07-2018 00:00:00	1	1	0	1	No	---	---	No	---
AIR SHOW	Innovation	Exposure Visit	Defence Exhibition Organization, Ministry Of Defence, Bangalore.	Govt. Agency (Central)	22-02-2019 00:00:00	23-02-2019 00:00:00	2	28	2	30	No	---	---	No	---
VELAN THIRUVIZHA 19(Student Project Expo)	Innovation	Innovation Contest	Sri Shakthi Institute Of Engineering and Technology, Coimbatore	Educational Institute	05-01-2019 00:00:00	05-01-2019 00:00:00	1	1	0	1	Yes	4	NA	No	---
NATIONAL LEVEL TECHNICAL SYMPOSIUM(Technical Quiz)	Innovation	Innovation Contest	Hindustan College Of Engineering And Technology, Coimbatore	Educational Institute	23-02-2019 00:00:00	23-02-2019 00:00:00	1	2	0	2	Yes	2	NA	No	---

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

NATIONAL LEVEL TECHNICAL SYMPOSIUM (Aqua Thruster)	Innovation	Innovation Contest	Kalaingar karunanidhi Institute Of Technology, Coimbatore	Educational Institute	08-03-2019 00:00:00	08-03-2019 00:00:00	1	2	0	2	Yes	3	NA	No	---
Mr.Mechanic	Innovation	Innovation Contest	Hindusthan College Of Engineering And Technology, Coimbatore	Educational Institute	07-03-2019 00:00:00	07-03-2019 00:00:00	1	1	1	2	Yes	2	NA	No	---
NATIONAL LEVEL TECHNICAL SYMPOSIUM	Innovation	Innovation Contest	SNS College of Technology, Coimbatore	Educational Institute	27-02-2019 00:00:00	27-02-2019 00:00:00	1	5	0	5	Yes	2 and 3	NA	No	---
Writing a Technical Research Paper	Innovation	Workshop	Rathinam School of Architecture, Coimbatore.	Educational Institute	02-03-2019 00:00:00	02-03-2019 00:00:00	1	0	1	1	No	---	---	No	---
Fuzzy Mathematical Models for Controlling Aircraft and Satellites	Innovation	Seminar	P.A.College of Engineering and Technology.	Educational Institute	06-02-2019 00:00:00	07-02-2019 00:00:00	2	0	1	1	No	---	---	No	---
FDP on Experimental Teaching and learning in Lab view	Innovation	Faculty Development Programme	Coimbatore Institute of Technology, Coimbatore	Educational Institute	08-09-2018 00:00:00	12-09-2018 00:00:00	5	0	1	1	No	---	---	No	---
FDP on Fluid Mechanics and Machinery	Innovation	Faculty Development Programme	JCT college of Technology, Coimbatore	Educational Institute	29-06-2018 00:00:00	29-06-2018 00:00:00	1	0	6	6	No	---	---	No	---
One day Orientation and PFMS Training for programme officers	Innovation	Orientation Training programme	Anna University Regional campus, Coimbatore.	Educational Institute	12-10-2018 00:00:00	12-10-2018 00:00:00	1	1	0	1	No	---	---	No	---
Workshop on Structural Health Monitoring and Rehabilitation of structures	Innovation	Workshop	Karunya Institute of Technology and Sciences, Coimbatore	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	0	1	1	No	---	---	No	---
Hands on Training on FEAST Software developed by ISRO	Innovation	Training	Mepco Schlenk Engg. College, Sivakasi.	Educational Institute	31-08-2018 00:00:00	02-09-2018 00:00:00	3	0	1	1	No	---	---	No	---
Simulaton in Automotive Industry	Innovation	Training	Adithya Institute of Technology	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	8	0	8	No	---	---	No	---



**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Simulation in Automotive Industry	Innovation	Training	Ashoka Group of Institutions	Educational Institute	06-06-2019 00:00:00	13-06-2019 00:00:00	8	1	0	1	No	---	---	No	---
Vehicle Dynamics	Innovation	Workshop	Karpagam College of Engineering	Educational Institute	14-03-2019 00:00:00	15-03-2019 00:00:00	2	12	0	12	No	---	---	No	---
Smart India Hackathon 2019	Innovation	Hackathon	Ministry of Human Resources Development, Government of India, New Delhi	Govt. Agency (Central)	09-01-2019 00:00:00	03-03-2019 00:00:00	54	12	1	13	No	---	---	No	---
E-Cell Leader Workshop	Entrepreneurship/Startup	Workshop	Entrepreneurship Development and Innovation Institute, Government of Tamilnadu, Chennai	Govt. Agency (State)	09-11-2018 00:00:00	09-12-2018 00:00:00	31	4	2	6	Yes	PARTICIPATION	NA	Yes	2000
Intech Olympiad 2019	Innovation	Hackathon	College of Engineering, Pune	Govt. Agency (State)	08-01-2019 00:00:00	16-02-2019 00:00:00	40	4	1	5	Yes	FIRST	Designing solution for storing solar energy in the form of endothermic chemical reaction and to release it to generate electrical energy	Yes	10000
National Level Workshop on Network Simulator NS-2	Innovation	Workshop	Christ University, Bengaluru	Educational Institute	11-07-2018 00:00:00	12-07-2018 00:00:00	2	3	0	3	No	---	---	Yes	1800
Two day Workshop on Artificial Intelligence and cyber Physical Systems (CPS)	Innovation	Workshop	Sri Ramakrishna Institute of Technology, Coimbatore	Educational Institute	30-08-2018 00:00:00	31-08-2018 00:00:00	2	0	1	1	No	---	---	Yes	300
National Level Technical Symposium Kanifest 2k18	Innovation	Symposium	Erode Sengunthar Engineering College, Perundurai	Educational Institute	31-08-2018 00:00:00	01-09-2018 00:00:00	2	1	0	1	No	---	---	Yes	200

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Two days Workshop on Expanding Prospects with ROS and IoT for cloud Robotics	Innovation	Workshop	Sri Ramakrishna Institute of Technology, Coimbatore	Educational Institute	10-09-2018 00:00:00	11-09-2018 00:00:00	2	0	1	1	No	---	---	Yes	400
Two days Faculty Development Program on Introduction to Python Programming	Innovation	Training	Karpagam college of Engineering and Technology, Coimbatore	Educational Institute	17-09-2018 00:00:00	18-09-2018 00:00:00	2	0	2	2	No	---	---	Yes	400
National Level Technical Symposium TECHTRIX 2k18	Innovation	Symposium	PSR Engineering College, Sivakasi	Educational Institute	18-09-2018 00:00:00	18-09-2018 00:00:00	1	2	0	2	No	---	---	Yes	500
National Level Technical Symposium HASHTAG 18	Innovation	Symposium	Coimbatore Institute of Technology, Coimbatore	Educational Institute	19-09-2018 00:00:00	20-09-2018 00:00:00	2	1	0	1	No	---	---	Yes	300
National Level Workshop on Data Analytics in Medical Sciences	Innovation	Workshop	Amrita Vishwa Vidyapeetham, Kerala	Educational Institute	25-09-2018 00:00:00	26-09-2018 00:00:00	2	4	0	4	No	---	---	Yes	2000
NPTEL Online Certification Exam	Innovation	Certification Exam	NPTEL, AICTE	Govt. Agency (Central)	30-07-2018 00:00:00	21-10-2018 00:00:00	84	0	2	2	No	---	---	Yes	1100
Two days Faculty Development Program on Introduction to Mobile App Development	Innovation	Training	Dr.G.R.Damodaran College of Science, Coimbatore	Educational Institute	29-11-2018 00:00:00	30-11-2018 00:00:00	2	0	2	2	No	---	---	Yes	400
FDP on Artificial intelligence, Deep learning and computer vision applications	Innovation	Training	Vel Tech Ranjarajan Dr.Sangunthala R and D Institute of Science and Technology, Chennai	Educational Institute	03-12-2018 00:00:00	09-12-2018 00:00:00	7	0	1	1	No	---	---	Yes	1500
ICTACT FDP on Data science and Big data Analytics	Innovation	Training	Dr.N.G.P Institute of Technology, Coimbatore	Educational Institute	10-12-2018 00:00:00	14-12-2018 00:00:00	5	0	1	1	No	---	---	Yes	500

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

IEEE Computer Society Workshop on Network Simulator-3 Demystified	Innovation	Workshop	Kongu Engineering College, Erode	Educational Institute	14-12-2018 00:00:00	15-12-2018 00:00:00	2	0	1	1	No	---	---	Yes	500
IETE Sponsored Workshop on New Generation Big Data Tools and Techniques	Innovation	Workshop	Amrita School of Engineering, Coimbatore	Educational Institute	21-12-2018 00:00:00	22-12-2018 00:00:00	2	0	1	1	No	---	---	Yes	500
National Conference on Intelligence in Computer Science Engineering	Innovation	Conference	RVS College of Engineering and Technology, Coimbatore	Educational Institute	13-03-2019 00:00:00	13-03-2019 00:00:00	1	4	0	4	No	---	---	Yes	750
CSIR Sponsored Two day workshop on Blockchain Technologies and Cryptocurrencies	Innovation	Workshop	Coimbatore Institute of Engineering and Technology, Coimbatore	Educational Institute	18-03-2019 00:00:00	19-03-2019 00:00:00	2	2	0	2	No	---	---	Yes	500
National Conference of Scientific Research and Integrated Emerging Technologies (NCSRIET-2019)	Innovation	Conference	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	Educational Institute	20-03-2019 00:00:00	20-03-2019 00:00:00	1	4	0	4	No	---	---	Yes	850
Two days national level seminar on Nanotechnology for sensors and sensors for Nanotechnology Preserving Life and Protecting Environment	Innovation	Seminar	P.A. College of Engineering and Technology, Pollachi	Educational Institute	21-03-2019 00:00:00	22-03-2019 00:00:00	2	0	1	1	No	---	---	Yes	300
5th International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET 19)	Innovation	Conference	Karpagam Institute of Technology, Coimbatore	Educational Institute	22-03-2019 00:00:00	23-03-2019 00:00:00	2	16	0	16	No	---	---	Yes	7200

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

NPTEL Online Certification Exam	Innovation	Certification Exam	NPTEL, AICTE	Govt. Agency (Central)	25-02-2019 00:00:00	19-04-2019 00:00:00	54	0	4	4	No	---	---	Yes	2200
Introduction to Robotics	Entrepreneurship/Startup	Workshop	Hindusthan College of Arts and Science	Educational Institute	03-05-2019 00:00:00	04-05-2019 00:00:00	2	0	2	2	No	---	---	Yes	1000
Data Science and Big data Analytics	Innovation	FDP	Hindusthan Institute of Technology	Educational Institute	11-06-2019 00:00:00	14-06-2019 00:00:00	4	0	4	4	No	---	---	No	---
TECHNOWORKSHOP, New Delhi	Innovation	Workshop	Hindusthan Institute of technology	Educational Institute	26-02-2019 00:00:00	27-02-2019 00:00:00	2	0	2	2	No	---	---	No	---
Knowledge breaks in Environmental health and safety for sustainable progress of Nano Industries	Innovation	Seminar	Hindusthan Institute of Technology	Educational Institute	05-04-2019 00:00:00	05-04-2019 00:00:00	1	0	4	4	No	---	---	No	---
Quantum Dot Cellular Automata (QCA)	Innovation	Workshop	Kongu Engineering college, Erode	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	0	2	2	No	---	---	Yes	400
An Effective Retinal Image Analysis to Diagnose Stargardt Disease using Automated Algorithm	Innovation	Conference	KSR College of Engineering (Autonomous), Tiruchengode.	Educational Institute	07-06-2018 00:00:00	07-06-2018 00:00:00	1	0	1	1	No	---	---	Yes	200
ISRO Sponsored One Day National Seminar on Recent Developments in smart Farming based on Internet of Things and Robotics	Innovation	Seminar	Nandha Engineering College	Educational Institute	05-04-2019 00:00:00	05-04-2019 00:00:00	1	0	2	2	No	---	---	Yes	300
CMOS Digital VLSI Design	Innovation	FDP	NPTEL	Govt. Agency (Central)	25-02-2019 00:00:00	19-04-2019 00:00:00	54	0	1	1	No	---	---	Yes	2200
Fuzzy Mathematical Models for Controlling Aircraft and Satellites	Innovation	Seminar	PA College of Engineering and Technology	Educational Institute	06-02-2019 00:00:00	06-02-2019 00:00:00	1	0	2	2	No	---	---	Yes	200

**Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level**

Recent Mathematica I Models for Space Information Processing and Analysis	Innovation	Seminar	PA College of Engineering and Technology	Educational Institute	12-02-2019 00:00:00	12-02-2019 00:00:00	1	0	2	2	No	---	---	Yes	300
IEEE Seventh International Conference on System Modeling and Advancement on Research Trends	Innovation	Conference	Teerthanker Mahaveer University, Moradabad, India	Educational Institute	29-12-2018 00:00:00	29-12-2018 00:00:00	1	0	1	1	No	---	---	Yes	1100
Paper Presentation	Innovation	Paper Presentation	Dr.NGP institute of technology	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	4	0	4	Yes	II	NA	Yes	800
Paper Presentation	Innovation	Paper Presentation	JCT college of engineering and technology	Educational Institute	11-03-2019 00:00:00	12-03-2019 00:00:00	2	2	0	2	Yes	I	Best Paper	Yes	300
Project Expo	Innovation	Project Expo	Muthayammal engineering college	Educational Institute	29-09-2018 00:00:00	29-09-2018 00:00:00	1	4	0	4	Yes	I	NA	Yes	800
Paper Presentation	Innovation	Paper Presentation	PA college of engineering and technology	Educational Institute	21-01-2019 00:00:00	22-01-2019 00:00:00	2	4	0	4	Yes	I	Best Paper	Yes	800
International Conference on Computer Communication and Informatics	Innovation	Conference	Sakthi Institute of Engineering and Technology	Educational Institute	23-01-2019 00:00:00	25-01-2019 00:00:00	3	0	1	1	No	---	---	Yes	1150
International Conference on Recent Explorations in Science, Engineering and Technology	Innovation	Conference	KGISL Institute of Technology	Educational Institute	14-03-2019 00:00:00	15-03-2019 00:00:00	2	0	1	1	No	---	---	Yes	2000

**Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19**

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Hands on Training of CATIA V5	Innovation	Short term Certificate	Bachelor	18-06-2018 00:00:00	23-06-2018 00:00:00	6	Offline	23	23	42
Entrepreneurship opportunities for Mechanical Engineers	Innovation	EDP	Credit Course (Elective)	24-09-2018 00:00:00	27-09-2018 00:00:00	4	Offline	200	200	32

Seven Days FDTP on CS6703- Grid and Cloud Computing	Innovation	FDP	Master	11-06-2018 00:00:00	17-06-2018 00:00:00	7	Offline	25	25	50
Three days Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Short term Certificate	Bachelor	09-10-2018 00:00:00	11-10-2018 00:00:00	3	Offline	170	170	32

### Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge		Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?		Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?	
				Facility Incharge Name	Facility Incharge Email		Facility Incharge Phone	Yes	No	Yes
TNSCST	Centre of Excellence with Advance Tools & Equipment	2018	Within Campus	Facility Incharge Name	Mr.S.Udh ayakumar	300 Sq. Ft.	No		No	
				Facility Incharge Email	svsudhaya@gmail.com					
				Facility Incharge Phone	9626308771					
Updraft Loose biomass Gasification system with dual fuel fired engine and alternator	Research Park/Innovation Park	2018	Department of Mechanical Engineering,Hindusthan Institute of Technology,Coimbatore-641032	Facility Incharge Name	Dr.S.R.R ajabalayan	20 Sq. Mtr.	Yes	Annual Capital Expenditure (In Rupees)	0	No
				Facility Incharge Email	rajabalayan@gmail.com					
				Facility Incharge Phone	9443924797					
Annual Operational Expenditure (In Rupees)									0	
Endorsing Employment Confidence of women through Appropriate Coir Cluster Merchandises Training Development for their life Uplifting in Rural Environment	Research Park/Innovation Park	2018	Department of Electronics and Communication Engineering, Hindusthan Institute of Technology,Coimbatore-641032	Facility Incharge Name	Dr.B.Paul chamy	200 Sq. Ft.	No		No	
				Facility Incharge Email	hit.ece@hindusthan.net					
				Facility Incharge Phone	9629133233					

### Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
TNSCST	Funding Agency	TNSCST	Govt. Agency (State)	No	---
Updraft Loose biomass Gasification system with dual fuel fired engine and alternator	Funding Agency	Natural Resources Data Management System, Department of Science and Technology,Technology Bhavan,New Delhi-110016	Govt. Agency (Central)	Yes	735000

## Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Endorsing Employment Confidence of women through Appropriate Coir Cluster Merchandises Training Development for their life Uplifting in Rural Environment	Funding Agency	DST-SEED DIVISION	Govt. Agency (Central)	Yes	1378318
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## Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-Incubation/Incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
Effortless vehicle for physically challenged people	TNSCST	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
Mr.S.Udhayakumar			Faculty		Male		svsudhaya@gmail.com		9626308771	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Mr. A. Bharath			Faculty		Male		mebharath@gmail.com		9751820149	

## Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

<b>No Data Filled!</b>
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## Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Extended to Other Institute	Renewtech Energies Coimbatore	Mentoring	1	23-03-2019
Incubation Services/Support Extended to Other Institute	CSV Automation Coimbatore	Mentoring	5	29-09-2018
Incubation Services/Support Extended to Other Institute	Joseph Hospital	Mentoring	1	12-01-2019

## Co-Incubation Partnership

Incubation Services/Support Extended to Other Institute	Roots Industrial India Limited	Mentoring	1	05-11-2018
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## Technology Commercialization / Transfer

No Data Filled!
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## 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. C. Natarajan (Head of Institute) and Dr. V.Sureshbabu (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. C. Natarajan  
Head of the Institution,  
Hindusthan Institute of Technology,  
Coimbatore, Tamil Nadu

Nodal officer



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Dr. V.Sureshbabu  
Nodal Officer,  
Hindusthan Institute of Technology,  
Coimbatore, Tamil Nadu