



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: Hindustan Institute of Technology and Science (HITS) [ARI-U-0454]

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)
Entrepreneurship Talk	Entrepreneurship/Startup	Interactive session on Entrepreneurship by Dr R Rajagopal Professor Emeritus, University of Iowa, USA	Student Lead Activity	HTBI HEIC	16-07-2018 00:00:00	16-07-2018 00:00:00	1	Within Campus	30	10	0	0	40	Yes	1000
Mahila Swasthya Samridhi, Womens Menstrual Health and Hygiene	Entrepreneurship/Startup, Innovation	Womens Menstrual Health and Hygiene	Institute Lead Activity	HTBI HEIC AND FDA	25-07-2018 00:00:00	25-07-2018 00:00:00	1	Within Campus	600	12	0	0	612	No	---
Orientation Session on Innovations and Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Awareness Camp for First Years	Institute Lead Activity	HTBI HEIC	25-08-2018 00:00:00	27-08-2018 00:00:00	3	Within Campus	1400	3	0	0	1403	No	---
Hindustan Innovation Challenge	Innovation	Innovation Challenge	Student Lead Activity	HTBI HEIC	26-09-2018 00:00:00	27-09-2018 00:00:00	2	Within Campus	130	35	0	0	165	Yes	15000
Online Workshop on IPR for Students	IPR	IPR Workshop	Student Lead Activity	MHRD - Institution Innovation Council(IIC)	01-01-2019 00:00:00	01-01-2019 00:00:00	1	Within Campus	100	4	0	0	104	No	---
Anveshan Student Research Convention	Innovation	Innovation Contest	Student Lead Activity	Anveshan Student Research	22-01-2019 00:00:00	22-01-2019 00:00:00	1	Within Campus	30	2	150	0	182	No	---
Awareness on Intellectual Property Rights IPR	IPR	Awareness Camp	Institute Lead Activity	HTBI HEIC	24-01-2019 00:00:00	24-01-2019 00:00:00	1	Within Campus	100	5	0	0	105	No	---

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

BYST-Awareness on Entrepreneurship	Entrepreneurship/Startup	Awareness on Entrepreneurship	Institute Lead Activity	BYST	30-01-2019 00:00:00	30-01-2019 00:00:00	1	Within Campus	82	5	15	4	106	No	---
E CELL IIT Madras - Product Management Workshop	Entrepreneurship/Startup, Innovation	Product Management Workshop	Student Lead Activity	E CELL IIT Madras - Product Management Workshop	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	84	4	0	0	88	No	---
Pals Lecture Series	Innovation	Lecture Series on Innovations, Product Development, Design Workshops, Pitch	Student Lead Activity	IITM Alumni - PALS	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	500	2	0	4	506	No	---
National Science Day 2019 - Prototype Display	Innovation	Prototype Display	Student Lead Activity	HITS	27-02-2019 00:00:00	28-02-2019 00:00:00	2	Within Campus	500	2	0	0	502	Yes	66000
Coding Standards	Innovation	Code	Student Lead Activity	School of Computing Sciences	31-07-2018 00:00:00	31-07-2018 00:00:00	1	Within Campus	120	1	0	0	121	No	---
Making Deep learning and AI Skills	Innovation	Training on AI	Student Lead Activity	School of Computing Sciences	07-09-2018 00:00:00	07-09-2018 00:00:00	1	Within Campus	75	2	0	0	77	No	---
Water Management and Water Treatment	Innovation	Product Development and Social Problems	Student Lead Activity	School of computing Sciences	02-04-2019 00:00:00	02-04-2019 00:00:00	1	Within Campus	75	10	0	0	85	No	---
Expert Lecture on Design Thinking	Innovation	Design Thinking	Student Lead Activity	School of Computing Sciences	04-04-2019 00:00:00	04-04-2019 00:00:00	1	Within Campus	120	2	0	0	122	No	---
Research convention on Blockchain Technology	Innovation	IET Sponsored two day Research convention on Blockchain Technology	Student Lead Activity	School of Computing Sciences	20-06-2019 00:00:00	20-06-2019 00:00:00	1	Within Campus	75	0	0	0	75	No	---
Dr APJ Memorial Day Celebration	Innovation	QUIZ	Student Lead Activity	School of Aeronautical Sciences	26-07-2018 00:00:00	26-07-2018 00:00:00	1	Within Campus	400	40	30	5	475	Yes	25000
Dr APJ Birthday Celebration	Innovation	Model building and flying	Student Lead Activity	School of Aeronautical Sciences	15-10-2018 00:00:00	15-10-2018 00:00:00	1	Within Campus	200	15	5	0	220	Yes	25000
Synthesis and Characterization of materials for solar cell applications	Entrepreneurship/Startup	Workshop	Student Lead Activity	Centre for Clean Energy and nanoconvergence (CENCON)	09-04-2018 00:00:00	09-04-2018 00:00:00	1	Within Campus	50	10	22	5	87	Yes	50000

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

Occupational safety and risk management	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Chemical Engineering	12-08-2018 00:00:00	12-08-2018 00:00:00	1	Within Campus	20	12	51	30	113	Yes	64786
Water Energy and environment	Innovation	National Conference	Institute Lead Activity	Chemical Engineering	21-03-2019 00:00:00	22-03-2019 00:00:00	2	Within Campus	46	20	50	10	126	Yes	200661
APPLICATION OF COMPUTATIONAL FLUID DYNAMICS FOR UNDERWATER VEHICLES	Innovation	Workshop	Institute Lead Activity	Department of Automobile Engineering	18-07-2019 00:00:00	19-07-2019 00:00:00	2	Within Campus	56	5	0	0	61	No	---
FUEL SPRAY AND COMBUSTION	Innovation	Workshop	Institute Lead Activity	Department of Automobile Engineering	20-08-2019 00:00:00	21-08-2019 00:00:00	2	Within Campus	31	2	5	1	39	Yes	32385
Mini Project Contest	Innovation	Technical Contest	Institute Lead Activity	ECE HITS	29-10-2018 00:00:00	31-10-2018 00:00:00	3	Within Campus	135	0	0	0	135	No	---
Global Investor Simulation	Entrepreneurship/Startup	Guest Lecturer	Institute Lead Activity	School of Management HITS	12-12-2018 00:00:00	12-12-2018 00:00:00	1	Within Campus	60	20	0	0	80	No	---
Learn and Earn in the Stock Market	Entrepreneurship/Startup	FDP	Institute Lead Activity	School of Management	03-01-2019 00:00:00	04-01-2019 00:00:00	2	Within Campus	10	30	0	0	40	No	---
Camera and Photography field	Entrepreneurship/Startup	Workshop	Institute Lead Activity	School of Management	26-07-2018 00:00:00	26-07-2018 00:00:00	1	Within Campus	120	15	0	0	135	No	---
Renewable energy systems and Roll of IOT	Entrepreneurship/Startup, Innovation	FDP	Institute Lead Activity	EEE HITS	13-12-2018 00:00:00	14-12-2018 00:00:00	2	Within Campus	0	30	0	0	30	Yes	9824
Engineering Science research beyond Disciplinary Boundaries	Innovation	Seminar	Institute Lead Activity	EEE HITS	03-01-2019 00:00:00	03-01-2019 00:00:00	1	Within Campus	0	30	0	0	30	Yes	4100
Development of Electromagnetic Devices for fast Breeder Reactor Application	Innovation	Distinguished Lecture	Institute Lead Activity	EEE HITS	02-07-2019 00:00:00	02-07-2019 00:00:00	1	Within Campus	100	15	0	0	115	Yes	3000
Energy Management of Electric motor system in Industry	Innovation	Distinguished Lecture	Institute Lead Activity	EEE HITS	22-02-2019 00:00:00	22-02-2019 00:00:00	1	Within Campus	85	15	0	0	100	Yes	3500

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

Real time simulation in Electrical Domain	Innovation	Workshop and Guest Lecturer	Institute Lead Activity	EEE HITS	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	40	5	0	0	45	Yes	30000
Ethical hacking and cyber security	Entrepreneurship/Startup, Innovation	Hands on Training	Student Lead Activity	HITS IEEE student branch and EEE	26-09-2018 00:00:00	27-09-2018 00:00:00	2	Within Campus	60	5	0	0	65	Yes	33000
Recent trends in tribology and surface Engineering 4.0	Innovation	Guest Lecture	Student Lead Activity	Mechanical Engineering	10-04-2018 00:00:00	10-04-2018 00:00:00	1	Within Campus	100	4	0	0	104	No	---
Condition Monitoring	Innovation	Students Chapter	Student Lead Activity	Mechanical Engineering	10-05-2018 00:00:00	10-05-2018 00:00:00	1	Within Campus	50	4	0	0	54	No	----
PALS TINKATHON	Innovation	Problem Solving	Student Lead Activity	Hindustan Business Incubation Centre	28-08-2018 00:00:00	29-08-2018 00:00:00	2	Within Campus	19	2	131	0	152	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

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)
Atal New India Challenge - The Facebook live Session for Innovators and Entrepreneurs and Chance to win grants of upto INR 1 Crore for the Innovation and Startup to happen.	Entrepreneurship/Startup	Atal New India Challenge (ANIC)	Atal New India Challenge (ANIC)	Govt. Agency (Central)	24-07-2019 00:00:00	24-07-2019 00:00:00	1	100	2	102	No	---	---	No	---
PALS innoWAH (Innovation Competition) - Webcast	Innovation	Webcast	IITM Alumni - PALS	Non-Govt. Agencies	31-07-2018 00:00:00	31-07-2018 00:00:00	1	30	2	32	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

Tamil Nadu Story Celebrating Entrepreneurship	Entrepreneurship/Startup	Tamil Nadu Story Celebrating Entrepreneurship	ZOHO	Corporate / Industry Association	03-08-2018 00:00:00	03-08-2018 00:00:00	1	6	0	6	No	---	---	No	---
AICTE-ECI-ISTE Chhatra Vishwakarma Awards 2018	Innovation	AICTE-ECI-ISTE Chhatra Vishwakarma Awards (oNLINE)	AICTE-ECI-ISTE	Govt. Agency (State)	09-08-2018 00:00:00	09-08-2018 00:00:00	1	2	1	3	Yes	FINALIST	Team Friday	No	---
IET CHENNAI LOCAL NETWORK	Innovation	Design and Product display Contest	IET	Non-Govt. Agencies	11-08-2018 00:00:00	11-08-2018 00:00:00	1	3	1	4	Yes	Finalist	Digital Vision Secure Drive - A New ERA	No	---
Theory to Practice(T2P) Lectures at IIT Madras on Urban Air Quality Management Challenges and Engineering Solutions by Prof. S M Siva Nagendra and Mr. S K Gupta	Innovation	Urban Air Quality Management Challenges and Engineering Solutions	IITM Alumni - PALS	Non-Govt. Agencies	22-09-2018 00:00:00	22-09-2018 00:00:00	1	5	1	6	No	---	---	No	---
TiECON Chennai 2018 - StartUp	Entrepreneurship/Startup	TiECON Chennai 2018	TiECON	Non-Govt. Agencies	06-10-2018 00:00:00	06-10-2018 00:00:00	1	0	4	4	No	---	---	Yes	50000
GDC-I-NCUBATE Program	Entrepreneurship/Startup	GDC-I-NCUBATE	IITM Alumni - PALS	Non-Govt. Agencies	14-10-2018 00:00:00	14-10-2018 00:00:00	1	10	2	12	No	---	---	No	---
Startup India Scheme - Registration Process AND Benefits	Entrepreneurship/Startup	Startup India Scheme	TiECON	Non-Govt. Agencies	13-12-2018 00:00:00	13-12-2018 00:00:00	1	3	3	6	No	---	---	No	---
Insights on Startup Creation and Incubation Operations	Entrepreneurship/Startup	PALS Campus lecture on the titles, Life Career Fundas	IITM Alumni - PALS	Non-Govt. Agencies	11-01-2019 00:00:00	11-01-2019 00:00:00	1	4	1	5	No	---	---	No	---
MeltingPot20 20 Summit	Entrepreneurship/Startup	MeltingPot20 20 Start up Summit	TiECON	Non-Govt. Agencies	16-01-2019 00:00:00	17-01-2019 00:00:00	2	2	0	2	Yes	Investors Pitched	UAV and Medi Drones	No	---
Business Plan competition	Entrepreneurship/Startup	Business Plan competition at VIT Vellore for Medtech Startups	VIT Technology Business Incubator	Educational Institute	17-01-2019 00:00:00	17-01-2019 00:00:00	1	4	0	4	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

Fundraising for deeptech startups	Entrepreneurship/Startup	TiE Investors Meet	TiE	Non-Govt. Agencies	24-01-2019 00:00:00	24-01-2019 00:00:00	1	0	5	5	No	---	---	No	---
Goyal Marble and Granite Topic Toolkit for a successful Engineer-Finance	Entrepreneurship/Startup	Pals Lecture Series	IIT PALS Alumni	Non-Govt. Agencies	27-02-2019 00:00:00	27-02-2019 00:00:00	1	500	4	504	No	---	---	No	---
PALS the innovation Challenge Competition InnoWAH Exhibition and Finals	Innovation	InnoWAH Exhibition and Finals	IIT PALS	Non-Govt. Agencies	28-02-2019 00:00:00	28-02-2019 00:00:00	1	5	1	6	Yes	Finalist and won 5000 Rupees	Tech Fed Workers	No	---
PALS ENTREPRENEURIAL SUMMIT	Entrepreneurship/Startup	ENTREPRENEURIAL SUMMIT	PALS	Non-Govt. Agencies	16-03-2019 00:00:00	16-03-2019 00:00:00	1	12	2	14	No	---	---	No	---
Establishing Entrepreneurial Eco-systems in Engineering Institutions	Entrepreneurship/Startup	Entrepreneurial Eco-systems in Engineering Institutions	PALS IIT	Non-Govt. Agencies	16-03-2019 00:00:00	16-03-2019 00:00:00	1	0	2	2	No	---	---	No	---
Professional Development Programme on Nano-Engineered Materials for Aircraft and Auto Applications	Innovation	Professional Development Programme	saeindia	Non-Govt. Agencies	29-05-2019 00:00:00	31-05-2019 00:00:00	3	0	2	2	No	---	---	Yes	10000
Robotics and its application	Innovation	Workshop	Institution of Engineers	Corporate / Industry Association	06-04-2018 00:00:00	06-04-2018 00:00:00	1	40	6	46	No	---	---	No	---
Automobile Design - Introduction to styling and the way forward	Innovation	Invited Talk	HITS - PALS	Educational Institute	27-02-2019 00:00:00	27-02-2019 00:00:00	1	450	15	465	No	---	---	No	---
PALS	Innovation	Summit	IITM	Educational Institute	18-08-2018 00:00:00	18-08-2018 00:00:00	1	0	3	3	No	---	---	No	---
Microwave Engineering application and measurement challenges	Innovation	Workshop	IITM	Educational Institute	19-08-2018 00:00:00	19-08-2018 00:00:00	1	10	0	10	No	---	---	No	---
Patents search and Drafting	IPR	Certificate course	IIT M	Educational Institute	25-08-2018 00:00:00	29-08-2018 00:00:00	5	0	1	1	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

MeltingPot2020	Entrepreneurship/Startup	Young Innovators Festival	CL Education	Non-Govt. Agencies	17-01-2019 00:00:00	18-01-2019 00:00:00	2	3	1	4	No	---	---	No	---
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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
Design Thinking and Product Development	Innovation	Elective/Core Credit Course	Credit Course (Elective)	11-07-2018 00:00:00	20-10-2018 00:00:00	102	Offline	47	47	45
Mobile Application Development	Innovation	Elective/Core Credit Course	Bachelor	07-01-2018 00:00:00	21-12-2018 00:00:00	349	Offline	30	28	45
Intrusion Detection and Prevention Systems	Innovation	Elective/Core Credit Course	Bachelor	07-01-2018 00:00:00	10-11-2018 00:00:00	308	Offline	25	24	45
Cyber Crime Investigation and Digital Forensics	IPR	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	30-04-2019 00:00:00	114	Offline	50	45	45
Artificial Intelligence and Robotics	Innovation	Elective/Core Credit Course	Bachelor	01-07-2018 00:00:00	10-11-2018 00:00:00	133	Offline	18	18	45
Videography	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	09-07-2018 00:00:00	31-10-2018 00:00:00	115	Offline	18	16	60
Business Intelligence and its Applications	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	30-04-2019 00:00:00	114	Offline	43	39	45
Multimedia Animation	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	02-01-2019 00:00:00	11-04-2019 00:00:00	100	Offline	18	16	60
Fundamentals of Food Processing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	12-07-2018 00:00:00	07-11-2018 00:00:00	119	Online	84	74	45
Biotechnology in Alternate Energy Source	Innovation	Elective/Core Credit Course	Bachelor	12-07-2018 00:00:00	07-11-2018 00:00:00	119	Offline	45	45	45
IOT Basic Programming - Arduino and Raspberry Embedded Systems	Innovation	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	18-05-2019 00:00:00	132	Offline	65	65	45
Safety Instrumentation	Innovation	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	18-05-2019 00:00:00	132	Offline	25	25	45
Sensors and Networks	Innovation	Elective/Core Credit Course	Bachelor	11-07-2018 00:00:00	17-11-2018 00:00:00	130	Offline	59	55	45
IOT for Electrical System	Innovation	Elective/Core Credit Course	Bachelor	18-07-2018 00:00:00	24-11-2018 00:00:00	130	Offline	58	58	45
Smart Sensor and its Applications	Innovation	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	18-05-2019 00:00:00	132	Offline	26	26	45
AED4281 AIRCRAFT DESIGN	Innovation	Elective/Core Credit Course	Bachelor	08-07-2019 00:00:00	11-09-2019 00:00:00	66	Offline	15	15	45
Professional Development Programme on Nano-Engineered Materials for Aircraft and Auto Applications	Innovation	FDP	Short Term Certificate Course	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Offline	20	20	30

ADVANCED MATERIALS AND THEIR PERFORMANCE	Innovation	Elective/Core Credit Course	Bachelor	15-01-2019 00:00:00	19-04-2019 00:00:00	95	Offline	60	60	45
INNOVATIVE PRACTICES IN AIRCRAFT INDUSTRY	Innovation	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Offline	29	27	45
AEROSPACE DEVELOPMENTS IN INDIA	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Offline	19	19	45
COMPOSITES AND ITS APPLICATIONS	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Online	20	19	45
AIRCRAFT MANUFACTURING TECHNOLOGY	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Offline	60	57	45
UAV OPERATIONAL AND INDUSTRIAL ASPECTS	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Offline	44	40	45
FUNDAMENTALS OF SPACE VEHICLE DESIGN	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	16-01-2019 00:00:00	19-04-2019 00:00:00	94	Offline	60	52	45
Entrepreneurship and Innovation	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	13-08-2018 00:00:00	23-11-2018 00:00:00	103	Online	105	105	30
Digital Marketing	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	09-07-2018 00:00:00	22-11-2018 00:00:00	137	Online	93	93	45
BASICS OF ENTREPRENEURSHIP I	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	12-07-2018 00:00:00	24-10-2018 00:00:00	105	Offline	81	78	45
BASICS OF ENTREPRENEURSHIP II	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	19-04-2019 00:00:00	103	Offline	114	114	45
AIRCRAFT DESIGN	Innovation	Elective/Core Credit Course	Bachelor	02-07-2018 00:00:00	09-11-2018 00:00:00	131	Offline	181	164	45
WIND TUNNEL TECHNIQUES	Innovation	Elective/Core Credit Course	Bachelor	04-07-2018 00:00:00	09-11-2018 00:00:00	129	Offline	24	22	45
E-COMMERCE and TECHNOLOGY MANAGEMENT	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	09-07-2018 00:00:00	16-11-2018 00:00:00	131	Online	57	55	45
ENTREPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Master	09-07-2018 00:00:00	16-11-2018 00:00:00	131	Online	62	62	45
Water Science and Engineering	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	18-05-2019 00:00:00	132	Offline	96	86	45
Genetic Engineering	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	07-01-2019 00:00:00	18-05-2019 00:00:00	132	Offline	30	30	45
Performance Tuning of Racing Vehicles	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	08-05-2019 00:00:00	24-05-2019 00:00:00	17	Offline	5	5	45
ENTREPRENEURSHIP DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	10-07-2018 00:00:00	24-10-2018 00:00:00	107	Offline	50	48	90
NON DESTRUCTIVE TESTING METHODS	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	10-07-2018 00:00:00	24-10-2018 00:00:00	107	Offline	54	51	90
Quality Control and Reliability Engineering	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	09-01-2019 00:00:00	29-04-2019 00:00:00	111	Offline	56	52	90

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

Name of Centre	Type of Facility	Year of Facility	Facility Location /	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either	Had institute Generated Income either from
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Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

		Creation	Address			from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Services Offered by Pre-Incubation & Incubation Centre/Facilities?			
				Facility Incharge Name	Facility Incharge Email		Facility Incharge Phone			
Center for Sensors and process control	Centre of Excellence with Advance Tools & Equipment	2016	PG Block, First Floor, HITS, Padur	Facility Incharge Name Dr. Uppu Ramachandraiah	Facility Incharge Email uppur@hindustanuniv.ac.in	Facility Incharge Phone 9884195179	954 Sq. Ft.	No	No	
Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	Incubation Unit	2015	Hindustan Institute of Technology and Science	Facility Incharge Name Mr. K. Viswanathan	Facility Incharge Email kviswanathan@hindustanuniv.ac.in	Facility Incharge Phone 9176006311	2500 Sq. Ft.	Yes	Yes	
							Annual Capital Expenditure (In Rupees)	1000000	Total Annual Income from Training and Skill Development Services (In Rupees)	0
							Annual Operational Expenditure (In Rupees)	1000000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	243774
MACHINE INTELLIGENCE AND DATA ANALYTICS RESEARCH CENTRE	Centre of Excellence with Advance Tools & Equipment	2014	P107, PG Block First Floor HITS	Facility Incharge Name Dr. D. John Aravindhar	Facility Incharge Email jaravindhar@hindustanuniv.ac.in	Facility Incharge Phone 9840147872	600 Sq. Ft.	Yes	Yes	
							Annual Capital Expenditure (In Rupees)	1094000	Total Annual Income from Training and Skill Development Services (In Rupees)	1276500
							Annual Operational Expenditure (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0

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

SIMCRASH	Research Park/Innovation Park	2017	SCHOOL OF AERONAUTICAL SCIENCES	Facility Incharge Name	Dr. K. RAMAJE YATHILA GAM	1200 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	krama@hindustanuniv.ac.in		Annual Capital Expenditure (In Rupees)	0	Total Annual Income from Training and Skill Development Services (In Rupees)	396000
				Facility Incharge Phone	9940124160		Annual Operational Expenditure (In Rupees)	600000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	600000
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Bosch Training Centre	Pre-Incubation Centre	2018	HITS, Jubilee block, 2nd floor	Facility Incharge Name	Shridhar. V.A	800 Sq. Ft.	No		Yes	
				Facility Incharge Email	vashridhar@hindustanuniv.ac.in		Total Annual Income from Training and Skill Development Services (In Rupees)	125000		
				Facility Incharge Phone	9884455260		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0		
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
CNCD	Centre of Excellence with Advance Tools & Equipment	2013	Bill Gates Lab, School of Computing Sciences, No.1, Rajiv Gandhi Salai, Padur	Facility Incharge Name	Dr.V.Cero nmani Sharmila	1000 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	csharmila@hindustanuniv.ac.in		Annual Capital Expenditure (In Rupees)	2271380	Total Annual Income from Training and Skill Development Services (In Rupees)	447380
				Facility Incharge Phone	9884072321		Annual Operational Expenditure (In Rupees)	100000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	42000
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	

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

Research Center Unmanned Ariel Vehicle	Pre-Incubation Centre	2015	School of Aeronautical Sciences, HITS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>C.S.Karunakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>cskaruna@hindustanuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944073774</td> </tr> </table>	Facility Incharge Name	C.S.Karunakaran	Facility Incharge Email	cskaruna@hindustanuniv.ac.in	Facility Incharge Phone	9944073774	800 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>600000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>200000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	600000	Annual Operational Expenditure (In Rupees)	200000	<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>10000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	10000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	C.S.Karunakaran																										
Facility Incharge Email	cskaruna@hindustanuniv.ac.in																										
Facility Incharge Phone	9944073774																										
Yes																											
Annual Capital Expenditure (In Rupees)	600000																										
Annual Operational Expenditure (In Rupees)	200000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	10000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
CENTRE FOR Photonics and LIDAR Research	Centre of Excellence with Advance Tools & Equipment	2011	5th Floor, Founders Block	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Sakthidasan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ksakthid@hindustanuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8825169115</td> </tr> </table>	Facility Incharge Name	Dr. K. Sakthidasan	Facility Incharge Email	ksakthid@hindustanuniv.ac.in	Facility Incharge Phone	8825169115	750 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1460000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>50000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1460000	Annual Operational Expenditure (In Rupees)	50000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>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)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr. K. Sakthidasan																										
Facility Incharge Email	ksakthid@hindustanuniv.ac.in																										
Facility Incharge Phone	8825169115																										
Yes																											
Annual Capital Expenditure (In Rupees)	1460000																										
Annual Operational Expenditure (In Rupees)	50000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	0																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Centre for Autonomous Systems (CAS)	Research Park/Innovation Park	2015	Aero Block (1st Floor)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>G.Dinesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gdineshk@hindustanuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9841226842</td> </tr> </table>	Facility Incharge Name	G.Dinesh Kumar	Facility Incharge Email	gdineshk@hindustanuniv.ac.in	Facility Incharge Phone	9841226842	1200 Sq. Ft.	No	No														
Facility Incharge Name	G.Dinesh Kumar																										
Facility Incharge Email	gdineshk@hindustanuniv.ac.in																										
Facility Incharge Phone	9841226842																										

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

Research Center Unmanned Ariel Vehicle	Pre-Incubation Centre	2015	School of Aeronautical Sciences	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr Dinesh Kumar and Mr C S Karunakaran</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gdinesh@hindustanuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944073774</td> </tr> </table>	Facility Incharge Name	Mr Dinesh Kumar and Mr C S Karunakaran	Facility Incharge Email	gdinesh@hindustanuniv.ac.in	Facility Incharge Phone	9944073774	1200 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>150000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>200000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	150000	Annual Operational Expenditure (In Rupees)	200000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>100000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	100000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Mr Dinesh Kumar and Mr C S Karunakaran																										
Facility Incharge Email	gdinesh@hindustanuniv.ac.in																										
Facility Incharge Phone	9944073774																										
Yes																											
Annual Capital Expenditure (In Rupees)	150000																										
Annual Operational Expenditure (In Rupees)	200000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	100000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Centre for Sustainable Technologies	Centre of Excellence with Advance Tools & Equipment	2014	Main Workshop Building, HITS	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Preeethi and Dr.P.S.Joanna</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vpreethi@hindustanuniv.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840973100</td> </tr> </table>	Facility Incharge Name	Dr.V.Preeethi and Dr.P.S.Joanna	Facility Incharge Email	vpreethi@hindustanuniv.ac.in	Facility Incharge Phone	9840973100	2800 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1000000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>200000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1000000	Annual Operational Expenditure (In Rupees)	200000	<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>40000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>25000</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)	40000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr.V.Preeethi and Dr.P.S.Joanna																										
Facility Incharge Email	vpreethi@hindustanuniv.ac.in																										
Facility Incharge Phone	9840973100																										
Yes																											
Annual Capital Expenditure (In Rupees)	1000000																										
Annual Operational Expenditure (In Rupees)	200000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	40000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	25000																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										

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)
Center for Sensors and process control	Funding Agency	DRDO	Govt. Agency (Central)	Yes	23679000
MACHINE INTELLIGENCE AND DATA ANALYTICS RESEARCH CENTRE	Funding Agency	DST	Govt. Agency (Central)	No	---
SIMCRASH	Funding Agency	DRDO	Govt. Agency (Central)	Yes	3960000
Bosch Training Centre	Institute's Own Fund / Resource	---	---	No	---
CNCD	Funding Agency	Received Sponsorship from Governmental (like DRDO) and non governmental agencies (like IET professional body) for conducting events	Govt. Agency (Central)	Yes	200000
Research Center Unmanned Ariel Vehicle	Institute's Own Fund / Resource	---	---	Yes	2000000
CENTRE FOR Photonics and LIDAR Research	Funding Agency	Indian Institute of Science, Bengaluru	Educational Institute	Yes	1500000
Centre for Autonomous Systems (CAS)	Institute's Own Fund / Resource	---	---	No	---

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

Research Center Unmanned Ariel Vehicle	Institute's Own Fund / Resource	---	---	Yes	2000000
Centre for Sustainable Technologies	Funding Agency	SERB, DAE	Govt. Agency (Central)	No	---
Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	Institute's Own Fund / Resource	---	---	Yes	243774

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?								
Hexagon Structured Optic Mirror Pipe for Street Lights	CNCD	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2018 4101 5766</td> </tr> <tr> <td>Year of Patent Application</td> <td>2019</td> </tr> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2018 4101 5766	Year of Patent Application	2019	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No
IP / Patented Technology																		
Applied for Patent	Yes																	
Patent Application No	2018 4101 5766																	
Year of Patent Application	2019																	

Principal Innovator

Name	Type	Gender	Email	Contact
Dr.V.Ceronmani Sharmila	Faculty	Female	csharmila@hindustanuniv.ac.in	9884072321

Co-Innovator

Name	Type	Gender	Email	Contact
Mr.Naveen	Student	Male	naveen2aug@gmail.com	7358477106

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?										
Flying Bike	Centre for Autonomous Systems (CAS)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Receiving Incubation Support at Incubation Centre	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>100000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	100000	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>100000</td></tr> <tr><td>Seedfund/Angel/VC Agency Name</td></tr> <tr><td>HITS</td></tr> <tr><td>Agency Type</td></tr> <tr><td>Educational Institute</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	100000	Seedfund/Angel/VC Agency Name	HITS	Agency Type	Educational Institute	No
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
100000																				
Yes																				
Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)																				
100000																				
Seedfund/Angel/VC Agency Name																				
HITS																				
Agency Type																				
Educational Institute																				
Principal Innovator																				
Name		Type		Gender		Email		Contact												
C.S.Karunakaran		Faculty		Male		cskaruna@hindustanuniv.ac.in		9944073774												
Co-Innovator																				
Name		Type		Gender		Email		Contact												
Yashwanth Reddy		Student		Male		cskaruna@hindustanuniv.ac.in		9944073774												

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?			
Way To Workers	Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	0
Yes													
Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)													
0													
Principal Innovator													
Name				Type		Gender		Email		Contact			
Dasari Deva Manikanta				Student		Male		waytoworkers@gmail.com		8184945039			
Co-Innovator													
Name				Type		Gender		Email		Contact			
Shankar SK				Faculty		Male		shankarsivathanuk@gmail.com		9789820030			

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?
					IP / Patented Technology	Applied for Patent					
Flyalot DroneAid	Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	TRL 6 : Prototype system tested in intended environment close to expected performance.	Student	2018	IP / Patented Technology	Yes	Receiving Incubation Support at Incubation Centre	TRL 6 : Prototype system tested in intended environment close to expected performance.	No	No	Yes
					Applied for Patent	2017 4101 1710					
0											
Principal Innovator											
Name		Type		Gender		Email		Contact			
Ted Solomon		Student		Male		ceo@aero2astro.com		9677119008			
Co-Innovator											
Name		Type		Gender		Email		Contact			
S K Shankar		Faculty		Male		skshankar@hindustanuniv.ac.in		9789820030			

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	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 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up 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 Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?											
Aero2Astro	Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	2016-17	One Person Company	TN02D0060128	Faculty and Student	<table border="1"> <thead> <tr> <th colspan="2">IP / Patented Technology</th> </tr> </thead> <tbody> <tr> <td>Applied for Patent</td> <td>Yes</td> </tr> <tr> <td>Patent Application No</td> <td>2017 4101 1710</td> </tr> <tr> <td>Year of Patent Application</td> <td>2018</td> </tr> </tbody> </table>	IP / Patented Technology		Applied for Patent	Yes	Patent Application No	2017 4101 1710	Year of Patent Application	2018	Receiving Incubation Support from Incubation Unit	Yes	No	No	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </tbody> </table>	Yes	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)	0
IP / Patented Technology																						
Applied for Patent	Yes																					
Patent Application No	2017 4101 1710																					
Year of Patent Application	2018																					
Yes																						
Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)																						
0																						
Founder																						
Name		DIN Number		Type		Gender		Email		Contact												
Ted Solomon		TN02D0060128		Student		Male		ceo@aero2astro.com		9677119008												
Co-Founder																						
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NATIONAL AUTOMATIONS AND DESIGN SOLUTIONS	Centre for Autonomous Systems (CAS)	2018-19	Private Limited	TN08D0060176	Student	Service Based Business Solution	Receiving Incubation Support from Incubation Unit	Yes	No	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td colspan="2">Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype /Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td> </tr> <tr> <td colspan="2">0</td> </tr> <tr> <td>Seed Fund/Angel/VC Agency Name</td> <td>Corporate /Industry Association</td> </tr> <tr> <td>Agency Type</td> <td>Corporate /Industry Association</td> </tr> </table>	Yes		Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype /Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)		0		Seed Fund/Angel/VC Agency Name	Corporate /Industry Association	Agency Type	Corporate /Industry Association	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </table>	Yes	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)	0					
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Qstechno Solutions	Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	2017-18	One Person Company	TN02D0070918	Faculty and Student	Non-IP / Non-Patented Technology	Receiving Incubation Support from Incubation Unit	Yes	No	No	<table border="1"> <thead> <tr> <th>Yes</th> </tr> </thead> <tbody> <tr> <td>Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)</td> </tr> <tr> <td>0</td> </tr> </tbody> </table>	Yes	Total Income received from Start-up for pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 (in Rupees)	0															
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Waytoworkers	Hindustan Technology Business Incubator (HTBI) and Hindustan Entrepreneurship and Innovation Centre (HEIC)	2018-19	One Person Company	AP04D0015097	Student	Service Based Business Solution	Receiving Incubation Support from Incubation Unit	No	No	No	Yes				
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											0				
Founder															
				Name		DIN Number		Type		Gender		Email		Contact	
				Dasari Deva Manikanta		AP04D0015097		Student		Male		waytoworkers@gmail.com		8184945039	

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 Received from Other Institute/Incubator	NEN National Entrepreneurship Network	Incubation,Mentoring,Networking	100	01-04-2016
Incubation Services/Support Received from Other Institute/Incubator	TIE Chennai	Incubation,Mentoring,Networking,Seed fund	50	11-09-2019
Incubation Services/Support Received from Other Institute/Incubator	PALS IIT ALUMNI	Incubation,Mentoring,Networking,Seed fund	10	25-04-2019
Incubation Services/Support Extended to Other Institute	KCG TBI	Incubation,Mentoring	5	10-07-2018
Incubation Services/Support Received from Other Institute/Incubator	iMorph	Mentoring,Networking	200	10-01-2018

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
Digital Vision Secure Drive	IP/Patented Technology	One-time transfer/Licensing	201741011705A	Patent/Licence Holder name (Institute Co-ownership is Must)	Shankar SK Hindustan Institute of Technology and Science	CSE	Licence Transferred to	Institute	No	---
				Contact number of license holder	9789820030		Name of Industry/Start-up/Agency Received License/Technology	Hindustan Institute of Technology and Science		
				Email of Licence holder	skshankar@hindustaniv.ac.in		Address of Agency	OMR PADUR		
				Gender	Male		Contact Number of Agency	27474262		
							Email of Agency	ipcell@hindustanuniv.ac.in		
Flyalot Droneaid	IP/Patented Technology	One-time transfer/Licensing	201741011710	Patent/Licence Holder name (Institute Co-ownership is Must)	TED SOLOMON	HTBI HEIC	Licence Transferred to	Institute	No	---
				Contact number of license holder	9677119008		Name of Industry/Start-up/Agency Received License/Technology	Hindustan Institute of Technology and Science		
				Email of Licence holder	tedsolomon96@gmail.com		Address of Agency	OMR Padur		
				Gender	Male		Contact Number of Agency	27474262		
							Email of Agency	ipcell@hindustanuniv.ac.in		

Technology Commercialization / Transfer

DEVELOPMENT OF GEO POLYMER BASED PAVEMENT INTERLOCKING BLOCK	IP/Patented Technology	One-time transfer/Licensing	201741011687	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Mr P Ravikumar</td> </tr> <tr> <td>Contact number of license holder</td> <td>9443254932</td> </tr> <tr> <td>Email of Licence holder</td> <td>prkumar@hindustanuniv.ac.in</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Mr P Ravikumar	Contact number of license holder	9443254932	Email of Licence holder	prkumar@hindustanuniv.ac.in	Gender	Male	CIVIL	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>HITS</td> </tr> <tr> <td>Address of Agency</td> <td>OMR PADUR</td> </tr> <tr> <td>Contact Number of Agency</td> <td>27474262</td> </tr> <tr> <td>Email of Agency</td> <td>ecell@hindustanuniv.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	HITS	Address of Agency	OMR PADUR	Contact Number of Agency	27474262	Email of Agency	ecell@hindustanuniv.ac.in	No	---
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Responsibility for accuracy and authenticity of data lies with the concerned institution.