



# 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: Dr. N. G. P. Institute of Technology [ARI-C-36929]

#### 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)
Dr. N. G. P. Institute of Technology	204061519.00	196340150.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	204061519.00	196340150.00	

**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) := 2030**

**Total Faculty Base ( Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 164**

#### 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/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Android Application development	Innovation	Workshop	Student Lead Activity	IT	03-04-2018 00:00:00	04-04-2018 00:00:00	2	Within Campus	50	10	59	8	127	Yes	4500
Sustainable Civil Engineering Materials and Structures	Innovation	Conference	Institute Lead Activity	CFR and Civil	05-04-2018 00:00:00	06-04-2018 00:00:00	2	Within Campus	67	42	90	45	244	Yes	50000
SPSS	IPR	Workshop	Student Lead Activity	MBA	09-04-2018 00:00:00	09-04-2018 00:00:00	1	Within Campus	110	8	0	0	118	Yes	2000
Managing the Self A Yogic Perspective	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	10-04-2018 00:00:00	10-04-2018 00:00:00	1	Within Campus	106	2	0	0	108	No	---
Sustainable Entrepreneurship	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	11-04-2018 00:00:00	11-04-2018 00:00:00	1	Within Campus	108	5	0	0	113	Yes	2000

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

Role of spirituality in the growth of an organization	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	11-04-2018 00:00:00	11-04-2018 00:00:00	1	Within Campus	105	2	0	0	107	Yes	2000
Sales and Marketing	Entrepreneurship/Startup	Workshop	Student Lead Activity	MBA	12-04-2018 00:00:00	12-04-2018 00:00:00	1	Within Campus	110	2	0	0	112	Yes	1500
Meet the CEO	Entrepreneurship/Startup	Motivational talk	Institute Lead Activity	MBA	13-04-2018 00:00:00	13-04-2018 00:00:00	1	Within Campus	104	8	0	0	112	Yes	4005
Advances in FEA and Modern Manufacturing Processes	Innovation	Faculty Development	Institute Lead Activity	Mech	18-06-2018 00:00:00	20-06-2018 00:00:00	3	Within Campus	0	20	0	0	20	Yes	2000
Signal Processing and Control Systems	Innovation	FDP	Student Lead Activity	BME	18-06-2018 00:00:00	19-06-2018 00:00:00	2	Within Campus	0	12	0	0	12	Yes	5230
Empowering Teaching Skills for Engineering Faculties	IPR, Innovation	Refresher Programme	Institute Lead Activity	ISTE	18-06-2018 00:00:00	23-06-2018 00:00:00	6	Outside Campus	0	140	0	47	187	Yes	150000
Electromagnetic Waves and Waveguides	Innovation	FDP	Student Lead Activity	ECE	28-06-2018 00:00:00	29-06-2018 00:00:00	2	Within Campus	0	25	0	0	25	Yes	4600
Personal Financial planning and awareness	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	04-07-2018 00:00:00	04-07-2018 00:00:00	1	Within Campus	85	4	0	0	89	Yes	2000
Digital Marketing	Entrepreneurship/Startup	Workshop	Student Lead Activity	MBA	05-07-2018 00:00:00	05-07-2018 00:00:00	1	Within Campus	79	0	0	0	79	Yes	1500
Financial Inclusion and Internship opportunities	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	06-07-2018 00:00:00	06-07-2018 00:00:00	1	Within Campus	90	7	0	0	97	Yes	3750
Data Structures	Innovation	Lecture	Institute Lead Activity	placement	14-07-2018 00:00:00	14-07-2018 00:00:00	1	Within Campus	67	5	0	0	72	Yes	3000
Environmental Science and Engineering	Innovation	Talk	Institute Lead Activity	CFD	20-07-2018 00:00:00	20-07-2018 00:00:00	1	Within Campus	0	30	0	0	30	Yes	2000
Higher Education opportunities	Innovation	talk	Institute Lead Activity	Career Guidance Cell	26-07-2018 00:00:00	26-07-2018 00:00:00	1	Within Campus	78	3	0	0	81	No	---
MATLAB Simulation for Industrial Applications	Innovation	Workshop	Student Lead Activity	EEE	01-08-2018 00:00:00	01-08-2018 00:00:00	1	Within Campus	45	3	0	0	48	Yes	3000

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

Current Trends in Automotive software development	Innovation	Seminar	Student Lead Activity	CSE	03-08-2018 00:00:00	03-08-2018 00:00:00	1	Within Campus	178	5	0	0	183	Yes	2000
Artificial Intelligence	Innovation	Talk	Student Lead Activity	BME	04-08-2018 00:00:00	04-08-2018 00:00:00	1	Within Campus	177	10	0	0	187	Yes	3200
Thrust areas in digital image processing and its applications	IPR	Guest Lecture	Student Lead Activity	ECE	07-08-2018 00:00:00	07-08-2018 00:00:00	1	Within Campus	110	10	0	0	120	Yes	2500
Signal processing on Encrypted domain space	Innovation	Guest Lecture	Student Lead Activity	ECE	10-08-2018 00:00:00	10-08-2018 00:00:00	1	Within Campus	97	4	0	0	101	Yes	2400
Career Opportunities for Electronics Engineers	Entrepreneurship/Startup	Seminar	Student Lead Activity	ECE	20-08-2018 00:00:00	20-08-2018 00:00:00	1	Within Campus	86	3	0	0	89	Yes	2000
Application of Geographic Information systems	Innovation	Seminar	Student Lead Activity	Civil	24-08-2018 00:00:00	25-08-2018 00:00:00	2	Within Campus	113	7	0	0	120	Yes	5680
Industry 4.0 and Its significance and Building Automation Using IoT	IPR, Innovation	Motivational talk	Student Lead Activity	EEE	24-08-2018 00:00:00	24-08-2018 00:00:00	1	Within Campus	118	8	0	0	126	Yes	3000
Design of Experiments	Innovation	Workshop	Student Lead Activity	mech	28-08-2018 00:00:00	28-08-2018 00:00:00	1	Within Campus	196	8	0	0	204	Yes	2500
Ethical Hacking	Innovation	Workshop	Student Lead Activity	CSE	29-08-2018 00:00:00	30-08-2018 00:00:00	2	Within Campus	45	8	37	0	90	Yes	13400
Simulation of Optical Communication Networks Using Synopsys Rsoft Optsim	Innovation	Workshop	Student Lead Activity	ECE	29-08-2018 00:00:00	29-08-2018 00:00:00	1	Within Campus	178	5	0	0	183	Yes	5970
Medical Imaging and its advancement	IPR, Innovation	Expert Lecture	Student Lead Activity	BME	30-08-2018 00:00:00	30-08-2018 00:00:00	1	Within Campus	168	9	0	0	177	Yes	3450
IoT A Vision and on-going Research Opportunities	Innovation	Guest Lecture	Student Lead Activity	ECE	30-08-2018 00:00:00	30-08-2018 00:00:00	1	Within Campus	76	2	0	0	78	Yes	2500

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

TEKLA STRUCTURES AND 3Ds MAX SOFTWARE	Innovation	Workshop	Student Lead Activity	Civil	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	70	4	0	0	74	Yes	2000
TEKLA STRUCTURES AND 3Ds MAX SOFTWARE	Innovation	Workshop	Student Lead Activity	Civil	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	70	4	0	0	74	Yes	2000
Advances in Biomaterials for meniscal tissue engineering	Innovation	guest lecture	Student Lead Activity	BME	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	156	5	0	0	161	Yes	2000
Embedded System Security and Internet of Things IoT using Google Assistance	Innovation	Workshop	Student Lead Activity	ECE	01-09-2018 00:00:00	01-09-2018 00:00:00	1	Within Campus	187	5	0	0	192	Yes	2000
AIKYAM 2018 - Indudent Confluence	IPR, Entrepreneurship/Startup, Innovation	Summit	Institute Lead Activity	IIPC	08-09-2018 00:00:00	08-09-2018 00:00:00	1	Within Campus	645	40	0	0	685	Yes	41986
Game Designing	Innovation	Workshop	Student Lead Activity	CSE	08-09-2018 00:00:00	11-09-2018 00:00:00	4	Within Campus	65	3	0	0	68	Yes	15340
Industry 4.0 and Smart Manufacturing Strategies	Innovation	Workshop	Student Lead Activity	Mech	11-09-2018 00:00:00	11-09-2018 00:00:00	1	Within Campus	166	6	0	0	172	Yes	4000
Emerging Trends in Robotics	Innovation	Guest Lecture	Student Lead Activity	ECE	11-09-2018 00:00:00	11-09-2018 00:00:00	1	Within Campus	188	7	0	0	195	Yes	3000
Field Applications in Geotechnical Engineering	Innovation	Workshop	Student Lead Activity	Civil	12-09-2018 00:00:00	12-09-2018 00:00:00	1	Within Campus	78	5	0	0	83	Yes	2000
Cutting edge Innovations in Engineering and Technology for Social Welfare	Innovation	Conference	Institute Lead Activity	EEE	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	76	23	45	22	166	Yes	2000
Skills and Demands of Industrial C Programming towards Employability	Entrepreneurship/Startup, Innovation	Lecture	Student Lead Activity	ECE	15-09-2018 00:00:00	15-09-2018 00:00:00	1	Within Campus	245	6	0	0	251	Yes	2000
Recent trends in Industrial IoT	Innovation	Seminar	Student Lead Activity	ECE	17-09-2018 00:00:00	17-09-2018 00:00:00	1	Within Campus	145	8	28	0	181	Yes	2000

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

Recent Advancements in Design, Automation and Intelligent Systems	IPR, Innovation	Conference	Institute Lead Activity	mech	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	78	20	35	13	146	Yes	47630
Emerging trends in Communication, Computing and Embedded Networking	IPR, Innovation	Conference	Institute Lead Activity	ECE	23-03-2019 00:00:00	23-03-2019 00:00:00	1	Within Campus	115	29	55	18	217	Yes	3000
Latest Trend in Early Detection of Pre-Osteoarthritis and Computational Modeling of Joint Mechanics	Innovation	Seminar	Student Lead Activity	BME	15-03-2019 00:00:00	16-03-2019 00:00:00	2	Within Campus	88	11	45	8	152	Yes	40000
Wearable and Implantable Body Sensor Networks	Innovation	Seminar	Student Lead Activity	ECE	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	165	8	0	0	173	Yes	10000
NAAC Accreditation and Assessment Challenges and Strategy for HEI	Innovation	Seminar - Summit	Institute Lead Activity	IQAC	15-03-2019 00:00:00	16-03-2019 00:00:00	2	Within Campus	0	152	0	27	179	Yes	23000
Entrepreneurship Awareness Camp - non Circuit	Entrepreneurship/Startup	Seminar	Institute Lead Activity	EDC	14-03-2019 00:00:00	14-03-2019 00:00:00	1	Within Campus	78	8	0	0	86	Yes	40000
Entrepreneurship Awareness Camp Polytechnic students	Entrepreneurship/Startup	Seminar	Institute Lead Activity	EDC	11-03-2019 00:00:00	13-03-2019 00:00:00	3	Outside Campus	0	0	65	8	73	Yes	6000
Special Concrete and Design of Roof structure	Innovation	Seminar	Student Lead Activity	Civil	11-03-2019 00:00:00	11-03-2019 00:00:00	1	Within Campus	88	7	0	0	95	Yes	3000
Emerging Trends in Computing and Intelligent Informatics	Innovation	Conference	Institute Lead Activity	CSE	08-03-2019 00:00:00	08-03-2019 00:00:00	1	Within Campus	78	17	59	21	175	Yes	2500
Pollution Control and Sustainable Environment	Innovation	Seminar	Student Lead Activity	Civil	08-03-2019 00:00:00	08-03-2019 00:00:00	1	Within Campus	97	7	41	5	150	Yes	50000

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

Entrepreneurship Awareness Camp for girl students	Entrepreneurship/Startup	Seminar	Institute Lead Activity	EDC	07-03-2019 00:00:00	09-03-2019 00:00:00	3	Within Campus	79	5	0	0	84	Yes	4500
Hack and Knock 1.0	Innovation	Gaming Workshop	Student Lead Activity	CSE IT	06-03-2019 00:00:00	07-03-2019 00:00:00	2	Within Campus	76	0	37	0	113	Yes	8560
Importance of Engineers in government sectors	Entrepreneurship/Startup	Seminar	Student Lead Activity	ECE	06-03-2019 00:00:00	06-03-2019 00:00:00	1	Within Campus	45	0	0	0	45	Yes	2500
3D Printing and Medical Applications	Innovation	Workshop	Student Lead Activity	BME	05-03-2019 00:00:00	05-03-2019 00:00:00	1	Within Campus	54	2	0	0	56	Yes	2500
Importance of Digital Estimation and Quantity Surveying Using Cost X Software	Innovation	Lecture Talk	Student Lead Activity	Civil	05-03-2019 00:00:00	05-03-2019 00:00:00	1	Within Campus	88	4	0	0	92	Yes	1500
Entrepreneurship Awareness Camp (EAC)	Entrepreneurship/Startup	Seminar	Institute Lead Activity	EDC	04-03-2019 00:00:00	06-03-2019 00:00:00	3	Within Campus	78	7	0	0	85	Yes	8900
PACS and Healthcare IT	Innovation	Seminar	Student Lead Activity	BME	02-03-2019 00:00:00	02-03-2019 00:00:00	1	Within Campus	161	10	0	0	171	Yes	2500
Healthcare Management and Branding and Operations	Entrepreneurship/Startup	seminar	Student Lead Activity	MBA	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	78	5	0	0	83	Yes	2000
Health hazards of Radiation and Advancements in Radiation Shielding Methods	Innovation	Workshop	Student Lead Activity	Civil	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	65	4	37	0	106	Yes	15000
Advances in Welding Process	Innovation	Seminar	Student Lead Activity	IWS	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	165	2	0	0	167	Yes	1860
MEET THE ENTREPRENEUR PROGRAMME	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	26-02-2019 00:00:00	26-02-2019 00:00:00	1	Within Campus	114	2	0	0	116	Yes	3500

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

Recent Advancements in Modeling of Joint Mechanics and Early Detection of Osteoarthritis	Innovation	Seminar	Student Lead Activity	BME	25-02-2019 00:00:00	26-02-2019 00:00:00	2	Within Campus	45	10	35	6	96	Yes	35000
Embracing Industry 4.0	IPR, Innovation	Seminar	Student Lead Activity	ECE	23-02-2019 00:00:00	23-02-2019 00:00:00	1	Within Campus	178	12	0	0	190	Yes	3000
Engineering and Technology Students Convention RISE 2019	IPR, Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	IIPC	22-02-2019 00:00:00	23-02-2019 00:00:00	2	Within Campus	680	78	0	0	758	Yes	13500
Energy storing Materials and Systems	Innovation	Seminar	Student Lead Activity	Mech	21-02-2019 00:00:00	21-02-2019 00:00:00	1	Within Campus	56	8	42	0	106	Yes	3000
Ventilator	IPR, Innovation	Training	Student Lead Activity	BME	18-02-2019 00:00:00	19-02-2019 00:00:00	2	Within Campus	55	2	0	0	57	Yes	4500
Advancements in Communication and Information Technology Essentials	IPR, Innovation	Conference	Institute Lead Activity	CFR IT	15-02-2019 00:00:00	16-02-2019 00:00:00	2	Within Campus	45	8	28	11	92	Yes	18400
Future trends in HR	Entrepreneurship/Startup	Seminar	Student Lead Activity	MBA	12-02-2019 00:00:00	12-02-2019 00:00:00	1	Within Campus	118	6	0	0	124	Yes	1214
Application based research on Nanotechnology	Innovation	Seminar	Student Lead Activity	ECE	11-02-2019 00:00:00	11-02-2019 00:00:00	1	Within Campus	114	6	0	0	120	Yes	2500
Opportunities and Challenges in Research funding proposals	IPR, Innovation	Seminar	Institute Lead Activity	CFR	11-02-2019 00:00:00	11-02-2019 00:00:00	1	Within Campus	80	48	0	0	128	Yes	20000
Advances in Wireless Networks	Innovation	Seminar	Student Lead Activity	ECE	09-02-2019 00:00:00	09-02-2019 00:00:00	1	Within Campus	147	6	0	0	153	Yes	2000
Industrial Applications of Electromagnetic Fields and Antennas	Innovation	Lecture Series	Student Lead Activity	ECE	09-02-2019 00:00:00	09-02-2019 00:00:00	1	Within Campus	188	2	0	0	190	Yes	2000
SAE Student Convention TIER II (Division Level) Competitions	IPR, Innovation	Student Competetion	Institute Lead Activity	mech	08-02-2019 00:00:00	08-02-2019 00:00:00	1	Within Campus	28	4	64	16	112	Yes	57321

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

Advanced Materials in Waste Management	Innovation	Conference	Institute Lead Activity	CFR	08-02-2019 00:00:00	08-02-2019 00:00:00	1	Within Campus	65	18	78	15	176	Yes	10000
Industrial Automation using PLC	Innovation	lecture talk	Student Lead Activity	EEE	08-02-2019 00:00:00	08-02-2019 00:00:00	1	Within Campus	115	7	0	0	122	Yes	2500
WiFi Controlled Robotics	IPR, Entrepreneurship/Startup, Innovation	Championship	Institute Lead Activity	Centre for Robotics	06-02-2019 00:00:00	07-02-2019 00:00:00	2	Within Campus	66	8	18	0	92	Yes	13585
Digital Marketing	Entrepreneurship/Startup	Seminar	Student Lead Activity	CSE	05-02-2019 00:00:00	05-02-2019 00:00:00	1	Within Campus	144	8	0	0	152	Yes	2000
BIM CONCEPTS	Innovation	Workshop	Student Lead Activity	Civil	04-02-2019 00:00:00	04-02-2019 00:00:00	1	Within Campus	95	7	0	0	102	Yes	2000
Machine learning concepts Cognitive and Meta-Cognitive Learning	Innovation	Seminar	Student Lead Activity	CSE	31-01-2019 00:00:00	31-01-2019 00:00:00	1	Within Campus	140	6	0	0	146	Yes	2000
Networking Basics and Python Programming	Innovation	Seminar	Student Lead Activity	CSE	22-01-2019 00:00:00	23-01-2019 00:00:00	2	Within Campus	0	0	45	0	45	Yes	5300
SPECTRONIC 2019	Innovation	Exhibition	Institute Lead Activity	IIPC	10-01-2019 00:00:00	10-01-2019 00:00:00	1	Within Campus	175	10	450	27	662	Yes	159805
Utilization of E Waste in Construction	Innovation	Workshop	Student Lead Activity	Civil	04-01-2019 00:00:00	04-01-2019 00:00:00	1	Within Campus	54	7	35	0	96	Yes	15000
Embedded Technology and Networking	Innovation	Workshop	Student Lead Activity	ECE	02-01-2019 00:00:00	04-01-2019 00:00:00	3	Within Campus	0	0	46	3	49	Yes	6000
Significance and Impact of Software Project Management	Innovation	Seminar	Student Lead Activity	IT	29-12-2018 00:00:00	29-12-2018 00:00:00	1	Within Campus	139	7	0	0	146	Yes	1500
Sustainable Industry Institute Interaction in the Challenging Global Environment	Innovation	Seminar	Student Lead Activity	EEE	28-12-2018 00:00:00	29-12-2018 00:00:00	2	Within Campus	76	5	25	7	113	Yes	2500
RESTful Web services using Spring Boot and Angular	Innovation	Seminar	Student Lead Activity	IT	21-12-2018 00:00:00	22-12-2018 00:00:00	2	Within Campus	134	6	0	0	140	Yes	5400



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

CMM, CNC and Special Machines	Innovation	Workshop	Student Lead Activity	mech	14-12-2018 00:00:00	14-12-2018 00:00:00	1	Within Campus	65	2	0	0	67	Yes	3000
Quality Enhancement Initiatives For Higher Education Institutions	IPR, Innovation	FDP	Institute Lead Activity	CFD	08-12-2018 00:00:00	12-12-2018 00:00:00	5	Within Campus	0	150	0	0	150	Yes	4500
Intellectual Property Rights and Innovations	IPR, Innovation	Seminar	Institute Lead Activity	IPR	19-11-2018 00:00:00	19-11-2018 00:00:00	1	Within Campus	0	112	0	0	112	Yes	3000
Educational Summit	Innovation	summit	Institute Lead Activity	IIT PALS	17-11-2018 00:00:00	17-11-2018 00:00:00	1	Within Campus	10	21	21	161	213	Yes	13500
Processing and characterization of Multi functional green composite coatings for Medical Equipments and Implants	Innovation	Workshop	Student Lead Activity	mech	16-11-2018 00:00:00	16-11-2018 00:00:00	1	Within Campus	88	14	53	0	155	Yes	100000
Python and Game Designing	Innovation	Workshop	Student Lead Activity	CSE	13-11-2018 00:00:00	15-11-2018 00:00:00	3	Within Campus	56	0	0	0	56	Yes	6300
REVUP 2K18	Entrepreneurship/Startup	Startup Expo	Institute Lead Activity	MBA	17-10-2018 00:00:00	17-10-2018 00:00:00	1	Within Campus	78	10	45	0	133	Yes	6800
Biomimetic Medical Device Design Using TRIZ	Innovation	Seminar	Student Lead Activity	mech	11-10-2018 00:00:00	12-10-2018 00:00:00	2	Within Campus	80	20	53	0	153	Yes	50000
Disaster Management and Mitigation	Innovation	Seminar	Student Lead Activity	Civil	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	115	8	19	0	142	Yes	25000
Research Perspectives of 3D Printing and Additive Manufacturing in Medical Applications	Innovation	Workshop	Student Lead Activity	Mech	04-10-2018 00:00:00	04-10-2018 00:00:00	1	Within Campus	67	15	46	0	128	Yes	80000
Recent Innovations in Engineering, Science and Management	IPR, Innovation	Conference	Institute Lead Activity	Civil CFR	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Within Campus	45	19	32	6	102	Yes	2000
Importance of Industrial Safety and Health	Innovation	Seminar	Student Lead Activity	MBA	20-09-2018 00:00:00	20-09-2018 00:00:00	1	Within Campus	118	0	0	0	118	Yes	1500

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

Signal Processing, Image Processing Communication System Design with MATLAB and Simulink	Innovation	Seminar	Institute Lead Activity	IIPC	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	45	20	0	0	65	Yes	2000
Smart Grid And Power Quality Enhancement In Renewable Energy Technologies	Innovation	Workshop	Student Lead Activity	EEE	19-09-2018 00:00:00	19-09-2018 00:00:00	1	Within Campus	69	10	42	0	121	Yes	2000

**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)
Signal Processing, Communication and VLSI Design	Innovation	Conference	Anna University, Coimbatore	Govt. Agency (State)	06-04-2018 00:00:00	07-04-2018 00:00:00	2	3	0	3	No	---	---	No	---
Mathematics for Engineering Research	Innovation	FDP	NIT Warangal and G. Narayanamma Institute of Technology and Science, Hyderabad	Govt. Agency (Central)	18-06-2018 00:00:00	23-06-2018 00:00:00	6	0	1	1	No	---	---	No	---
Raspberry pi	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	28-06-2018 00:00:00	28-06-2018 00:00:00	1	2	0	2	No	---	---	No	---
UAVs and Biomimetic engineering	Innovation	Seminar	Kumaraguru college of technology	Educational Institute	02-07-2018 00:00:00	02-07-2018 00:00:00	1	2	0	2	No	---	---	No	---
NPTEL Awareness	Innovation	Workshop	IIT Madras	Educational Institute	14-07-2018 00:00:00	14-07-2018 00:00:00	1	0	1	1	No	---	---	Yes	1500

**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**

Molecular diagnostics in Personalized Medicine	Entrepreneurship/Startup	Vellalar College of Engg and Technology	Vellalar College of Engg and Technology	Educational Institute	15-07-2018 00:00:00	15-07-2018 00:00:00	1	6	0	6	No	---	---	No	---
Wearable Devices for Remote Healthcare Monitoring- The future of Health Care	Innovation	Seminar	Karpagam College of Engineering	Educational Institute	12-07-2018 00:00:00	12-07-2018 00:00:00	1	0	1	1	No	---	---	No	---
Conventional and Modern Approaches for Biomedical Instruments	Innovation	Seminar	Vivekananda College of Technology for Women	Educational Institute	05-07-2018 00:00:00	05-10-2018 00:00:00	93	0	1	1	No	---	---	No	---
Network Simulator3	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	26-07-2018 00:00:00	27-07-2018 00:00:00	2	5	0	5	No	---	---	No	---
Biomedical Diagnostic Applications using DSP	Innovation	Seminar	SNS college of technology	Educational Institute	27-07-2018 00:00:00	28-07-2018 00:00:00	2	12	0	12	No	---	---	No	---
Intellectual property for biomedical engineering	IPR	Workshop	Kalam Institute of Health Technology, Visakapatnam	Educational Institute	02-08-2018 00:00:00	03-08-2018 00:00:00	2	6	0	6	No	---	---	No	---
Hands on Training on circuit simulation using ORCAD and MATLAB	Innovation	Workshop	VIT University	Educational Institute	24-08-2018 00:00:00	25-08-2018 00:00:00	2	7	0	7	No	---	---	Yes	7000
NIST-Safety in Oil and gas industries	Innovation	Workshop	Dhanish Ahmed College of Engineering	Educational Institute	18-08-2018 00:00:00	18-08-2018 00:00:00	1	6	0	6	No	---	---	No	---
Emerging Technologies in Dental Radiography	Innovation	Workshop	SRM University	Educational Institute	20-08-2018 00:00:00	21-08-2018 00:00:00	2	0	1	1	No	---	---	No	---
Biomedical Diagnostic Applications Using DSP	Innovation	Seminar	SNS college of technology	Educational Institute	27-07-2018 00:00:00	28-07-2018 00:00:00	2	12	0	12	No	---	---	No	---
Research Opportunities and Challenges in Power Converters for Electric Vehicle Applications	IPR	Seminar	KPR Institute of Engineering and Technology	Educational Institute	18-08-2018 00:00:00	18-08-2018 00:00:00	1	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**

Art of Writing a Report, Research Paper and Thesis	IPR	Seminar	Sri Ramakrishna Engineering College	Educational Institute	13-08-2018 00:00:00	14-08-2018 00:00:00	2	0	4	4	No	---	---	No	---
Impact of Biomaterials in Advanced Clinical Diagnostic Devices on the Progress and Improvement of Human Healthcare	Innovation	Seminar	Hindustan Institute of Technology	Educational Institute	24-08-2018 00:00:00	24-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Biomaterials and Diagnostics	Innovation	Workshop	Hindustan College of Technology	Educational Institute	24-08-2018 00:00:00	24-08-2018 00:00:00	1	4	0	4	No	---	---	No	---
IEEE international Conference on Engineering and Technology	Innovation	Conference	Rathinam Technical Campus	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	0	2	2	No	---	---	No	---
Learn Dialysis Machine and Ultrasound scanner	Innovation	Workshop	Kalam Institute of Health Technology, Visakapatnam	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	7	0	7	No	---	---	Yes	3500
Recent trends in Green energy technologies and smart grid	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	4	0	4	No	---	---	No	---
Abstraction for Getting Knowledge - Social Situation Considering Topic Diversity and Cross Border Interactions on How Culture Impacts Parenting and Value Education	IPR	Research talk	Kumaraguru College of Technology	Educational Institute	06-09-2018 00:00:00	06-09-2018 00:00:00	1	0	1	1	No	---	---	No	---
Real Time Acquisition and Processing of Biosignals	Innovation	Workshop	Karunya Institute of Technology and Sciences	Educational Institute	18-09-2018 00:00:00	18-09-2018 00:00:00	1	5	4	9	No	---	---	No	---
Digital Image Processing	Innovation	Workshop	Karunya University	Educational Institute	18-09-2018 00:00:00	18-09-2018 00:00:00	1	5	0	5	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**

MEDICALL	Entrepreneurship/Startup	Workshop	Chennai Trade Center	Corporate / Industry Association	27-09-2018 00:00:00	28-09-2018 00:00:00	2	25	0	25	No	---	---	No	---
Hands on Training on PCB Layout Design using EAGLE	Innovation	Workshop	Rajalakshmi Engineering College	Educational Institute	04-10-2018 00:00:00	05-10-2018 00:00:00	2	2	1	3	No	---	---	No	---
Biomedical Optics and Instrumentation	Innovation	STTP	IIT Madras	Educational Institute	03-12-2018 00:00:00	07-12-2018 00:00:00	5	0	7	7	No	---	---	Yes	7000
Recent Trends in RNA Biology	Innovation	STTP	IISc Bangalore	Educational Institute	03-12-2018 00:00:00	07-12-2018 00:00:00	5	0	1	1	No	---	---	Yes	2500
Energy from waste sustainable approaches	Innovation	STTP	IIT-Bombay	Educational Institute	10-12-2018 00:00:00	15-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	1000
PCB design and testing for biomedical application	Innovation	Workshop	Karunya Institute of science and technology	Educational Institute	14-12-2018 00:00:00	14-12-2018 00:00:00	1	7	0	7	No	---	---	No	---
Nano-Structured Materials and Devices	Innovation	Conference	Delhi University	Educational Institute	17-12-2018 00:00:00	20-12-2018 00:00:00	4	0	1	1	No	---	---	No	---
Surgical Innovations and Healthcare and Hackathon	Innovation	Workshop	Karunya Institute of science and technology	Educational Institute	18-02-2019 00:00:00	18-02-2019 00:00:00	1	2	0	2	No	---	---	No	---
Earthquake Hazard Risk and Mitigation Theory and Practice	Innovation	Workshop	Amrita VishwaVidya peetham	Educational Institute	10-08-2018 00:00:00	10-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Cloud Computing	Innovation	Workshop	Codebind Technologies	Corporate / Industry Association	31-05-2018 00:00:00	31-05-2018 00:00:00	1	1	0	1	No	---	---	No	---
Search Engines in Tamil	Innovation	Conference	Tamil Nadu Agricultural University	Educational Institute	06-07-2018 00:00:00	07-07-2018 00:00:00	2	6	0	6	No	---	---	No	---
MIT App Inventor	Entrepreneurship/Startup	Workshop	Sri Ramakrishna Institute Of Technology	Educational Institute	27-07-2018 00:00:00	27-07-2018 00:00:00	1	5	0	5	No	---	---	No	---
IoT using Arduino and Android	Innovation	Workshop	Top Engineers ,Chennai	Corporate / Industry Association	11-08-2018 00:00:00	11-08-2018 00:00:00	1	2	0	2	No	---	---	No	---
Industrial Automation and IoT	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	18-08-2018 00:00:00	18-08-2018 00:00:00	1	2	0	2	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**

Web Development	Innovation	Workshop	UNIQ Technologies	Corporate / Industry Association	25-08-2018 00:00:00	25-08-2018 00:00:00	1	2	0	2	No	---	---	No	---
Web Development	Innovation	Workshop	SNS College of Technology	Corporate / Industry Association	27-08-2018 00:00:00	27-08-2018 00:00:00	1	6	0	6	No	---	---	No	---
IoT and Big Data-HASHTAG18	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	5	0	5	No	---	---	No	---
Sri Shakthi Hackathon 19	Innovation	Contest	Sri Shakthi Institute Of Engineering and Technology	Educational Institute	22-01-2019 00:00:00	24-01-2019 00:00:00	3	8	0	8	No	---	---	No	---
Data Analytics, Yugam 2019	Entrepreneurship/Startup	Workshop	Kumaraguru Institutions	Educational Institute	04-02-2019 00:00:00	04-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Game Designing, Yugam 2019	Innovation	Workshop	Kumaraguru Institutions	Educational Institute	06-02-2019 00:00:00	06-02-2019 00:00:00	1	1	0	1	No	---	---	No	---
IoT Edge Analytics for Smart City Applications	Innovation	Workshop	PSG Institute of Technology	Educational Institute	03-01-2019 00:00:00	03-01-2019 00:00:00	1	0	1	1	No	---	---	No	---
Abstraction for getting knowledge Social situation considering topic diversity and Cross border interactions on How culture impacts parenting and value educations	IPR	Seminar	Kumaraguru College of Technology	Educational Institute	06-09-2018 00:00:00	06-09-2018 00:00:00	1	0	2	2	No	---	---	No	---
Cloud Based Machine Learning for IoT Devices	Innovation	Workshop	Pantech ProEd Private Limited	Corporate / Industry Association	12-08-2018 00:00:00	12-08-2018 00:00:00	1	0	2	2	No	---	---	No	---
Art of Writing a Report, Research paper and Thesis	IPR	Workshop	Sri Ramakrishna Engineering College	Educational Institute	13-08-2018 00:00:00	14-08-2018 00:00:00	2	0	1	1	No	---	---	No	---
Matlab and Simulink for Engineering and Research	IPR	Workshop	Design Tech Systems Limited	Corporate / Industry Association	01-09-2018 00:00:00	01-09-2018 00:00:00	1	0	3	3	No	---	---	No	---
IITM-HTIC MedTech Incubator (MTI)	Innovation	Curious Program	Research park, IIT Madras.	Educational Institute	21-09-2018 00:00:00	22-09-2018 00:00:00	2	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**

Analog VLSI Design using Cadence EDA Tools	Innovation	Workshop	Karpagam Academy of Higher Education	Educational Institute	25-09-2018 00:00:00	25-09-2018 00:00:00	1	0	2	2	No	---	---	No	---
Deep Learning for Beginners	Innovation	Workshop	Kongu Engineering College	Educational Institute	28-09-2018 00:00:00	28-09-2018 00:00:00	1	0	1	1	No	---	---	No	---
Circuits, Control, Communication and Computing(I 4C 2018)	Innovation	Conference	Ramaiah Institute of Technology, Bangalore	Educational Institute	03-10-2018 00:00:00	03-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
R and STATCRAFT	Innovation	Workshop	PSGR College	Educational Institute	03-10-2018 00:00:00	03-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
Artificial Intelligence, Machine Learning and Deep Learning Research and Applications Perspectives	Innovation	FDP	PSG College of Technology, Coimbatore	Educational Institute	22-10-2018 00:00:00	28-10-2018 00:00:00	7	0	4	4	No	---	---	No	---
Entrepreneurship and Start Ups	Entrepreneurship/Startup	Seminar	IIT Research Park, Chennai	Educational Institute	16-11-2018 00:00:00	16-11-2018 00:00:00	1	0	1	1	No	---	---	Yes	2000
Advancement of Modern Technology in Engineering and Engineering Science	Innovation	STTP	National Institute of Technology, Durgapur	Educational Institute	13-11-2018 00:00:00	19-11-2018 00:00:00	7	0	1	1	No	---	---	Yes	3000
Electromagnetic Fields	Innovation	FDP	PSG Institute of Technology and Applied Research	Educational Institute	19-11-2018 00:00:00	24-11-2018 00:00:00	6	0	1	1	No	---	---	No	---
Trends and reconfigurable (FPGA) SoC Design	Innovation	FDP	National Institute of Technology, Warangal	Educational Institute	25-11-2018 00:00:00	30-11-2018 00:00:00	6	0	4	4	No	---	---	No	---
Quality Measures in Higher Education	Innovation	FDP	Dr.N.G.P. Arts and Science College	Educational Institute	09-12-2018 00:00:00	09-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Development and exchange of knowledge on Robotics and automation applied to fisheries and aquaculture	Innovation	Workshop	Sona College of Technology, Selem	Educational Institute	04-12-2018 00:00:00	08-12-2018 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**

Future Internet Systems and Applications	Innovation	Conference	Puducherry	Educational Institute	10-12-2018 00:00:00	10-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Reference Management and Knowledge Organization for journal writing	Innovation	FDP	Aalim Muhammed Salegh College of Engineering	Educational Institute	10-12-2018 00:00:00	14-12-2018 00:00:00	5	0	3	3	No	---	---	No	---
Recent Advances in Engineering and Technology	Innovation	Conference	Sri Krishna College of Engineering and Technology	Educational Institute	08-02-2019 00:00:00	09-02-2019 00:00:00	2	0	3	3	No	---	---	No	---
How to Tap Funding Agencies Publishing Ethics and Plagiarism tool and Reference Management tools for Research	Innovation	Workshop	Sankara Collage of Science and Commerce	Educational Institute	02-03-2019 00:00:00	02-03-2019 00:00:00	1	0	1	1	No	---	---	No	---
Intelligence in Electronics and Communication Engineering	Innovation	Conference	RVS College of Engineering and Technology	Educational Institute	13-03-2019 00:00:00	13-03-2019 00:00:00	1	0	1	1	No	---	---	No	---
Innovation in Electrical, Electronics, Instrumentation and Computer	Innovation	Conference	JCT College of Engineering and Technology	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	0	1	1	No	---	---	No	---
Emerging Current Trends in Computing and Expert Technology	Innovation	Conference	Panimalar Engineering College	Educational Institute	22-03-2019 00:00:00	22-03-2019 00:00:00	1	0	3	3	No	---	---	No	---
Science, Technology, Engineering and Management	Innovation	Conference	Kalaingar Karunanidhi Institute of Technology	Educational Institute	22-03-2019 00:00:00	22-03-2019 00:00:00	1	0	3	3	No	---	---	No	---
Recent Trends in Engineering Technology and Management	Innovation	Conference	Coimbatore Institute of Engineering and Technology	Educational Institute	29-03-2019 00:00:00	30-03-2019 00:00:00	2	0	1	1	No	---	---	No	---
MIT App Inventor	Innovation	Sri Ramakrishna Institute of Technology	Sri Ramakrishna Institute of Technology	Educational Institute	27-07-2018 00:00:00	27-07-2018 00:00:00	1	10	0	10	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**

Robotics	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	31-08-2018 00:00:00	31-08-2018 00:00:00	1	4	0	4	No	---	---	No	---
Smart Sensor	Innovation	Workshop	Kongu Engineering College	Educational Institute	30-08-2018 00:00:00	30-08-2018 00:00:00	1	4	0	4	No	---	---	No	---
Trend Technologies based Computer Networks	Innovation	Seminar	Vivekananda College of Arts and Science for Women, Namakkal	Educational Institute	11-09-2018 00:00:00	11-09-2018 00:00:00	1	1	0	1	No	---	---	No	---
Dhruva and CMOS VLSI Design using Tanner tool	Innovation	Seminar	Karpagam college of Engineering	Educational Institute	14-03-2019 00:00:00	14-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
The operational environment and the changing character of future warfare	Innovation	Seminar	Hindustan Institute of Technology	Educational Institute	08-03-2019 00:00:00	08-03-2019 00:00:00	1	3	0	3	No	---	---	No	---
Arduino Based Robotics	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	05-01-2019 00:00:00	06-01-2019 00:00:00	2	3	0	3	No	---	---	No	---
Secured Communication for Instrumentation and Control	Innovation	FDP	Government College of Technology	Educational Institute	17-05-2018 00:00:00	23-05-2018 00:00:00	7	0	4	4	No	---	---	No	---
Modern pedagogy for engineering teachers in making digital India	Innovation	FDP	Sri Sairam engineering college, Chennai	Educational Institute	21-05-2018 00:00:00	26-05-2018 00:00:00	6	0	1	1	No	---	---	No	---
NPTEL Workshop	Innovation	Workshop	IC and SR Auditorium, IIT Madras.	Educational Institute	14-07-2018 00:00:00	14-07-2018 00:00:00	1	0	1	1	No	---	---	No	---
Wireless Robotic Control Using PIC-Microcontroller	Innovation	Workshop	IPCS Automation	Corporate / Industry Association	04-08-2018 00:00:00	04-08-2018 00:00:00	1	5	0	5	No	---	---	Yes	2500

**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**

Energy Audit as a part of contribution under GEF-UNIDO-BEE project on Promoting Energy Efficiency and Renewable Energy in selected MSMEs through COINDIA	Entrepreneurship/Startup	Workshop	HI TEC DIE CAST PRIVATE LIMITED Achipatti Pollachi	Corporate / Industry Association	04-09-2018 00:00:00	06-09-2018 00:00:00	3	1	2	3	No	---	---	No	---
NI Days FUTURE FASTER	Innovation	Seminar	ITC Gardenia Bangalore	Non-Govt. Agencies	25-10-2018 00:00:00	25-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
International Science Fest- Participation in Young Scientists Conference( Make in India Theme)	Innovation	Conference	Indira Gandhi Pratishthan Lucknow	Non-Govt. Agencies	05-10-2018 00:00:00	08-10-2018 00:00:00	4	1	0	1	No	---	---	Yes	1500
Advancement of Modern Technology in Engineering and Engineering Science	Innovation	FDP	National Institute of Technology	Educational Institute	17-11-2018 00:00:00	19-11-2018 00:00:00	3	0	1	1	No	---	---	No	---
Faculty Development programme on Teaching Learning	Innovation	FDP	IIT Madras	Educational Institute	03-12-2018 00:00:00	05-12-2018 00:00:00	3	0	1	1	No	---	---	No	---
Continuing Education Program on Advanced Technologies in Power Engineering	Innovation	FDP	NIT Warangal	Educational Institute	17-12-2018 00:00:00	21-12-2018 00:00:00	5	0	2	2	No	---	---	Yes	4000
MATLAB and LabView	Innovation	STTP	IIITD and M Chennai	Non-Govt. Agencies	17-12-2018 00:00:00	21-12-2018 00:00:00	5	0	2	2	No	---	---	No	---
E-Cell Leader Workshop	Entrepreneurship/Startup	Workshop	Anna University Regional Campus, Coimbatore	Educational Institute	11-01-2019 00:00:00	12-01-2019 00:00:00	2	1	0	1	No	---	---	Yes	200
A1 and Machine Learning	Innovation	Workshop	KPR Institute of Engineering and Technology	Educational Institute	08-03-2019 00:00:00	09-03-2019 00:00:00	2	1	0	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**

Machine learning using Python	Innovation	Workshop	Sri Ramakrishna Engineering College	Educational Institute	21-06-2018 00:00:00	23-06-2018 00:00:00	3	0	4	4	No	---	---	No	---
IOT in Health care	Innovation	Workshop	PSG College of Technology	Educational Institute	28-06-2018 00:00:00	30-06-2018 00:00:00	3	0	2	2	No	---	---	No	---
R Programming	Innovation	Workshop	Dr.N.G.P.Arts and Science College	Educational Institute	30-08-2018 00:00:00	31-08-2018 00:00:00	2	0	1	1	No	---	---	No	---
Mobile App development	Innovation	FDP	Dr.G.R.Damodharan College of Science	Educational Institute	29-11-2018 00:00:00	30-11-2018 00:00:00	2	0	2	2	No	---	---	No	---
Quality Measures in higher Education	Innovation	FDP	Dr.N.G.P.Arts and Science College	Educational Institute	03-12-2018 00:00:00	09-12-2018 00:00:00	7	0	1	1	No	---	---	No	---
GDG Machine Learning Crash course	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	27-12-2018 00:00:00	29-12-2018 00:00:00	3	2	0	2	No	---	---	No	---
Ethical hacking	Innovation	Workshop	IIT Madras	Educational Institute	12-01-2019 00:00:00	13-01-2019 00:00:00	2	1	0	1	No	---	---	No	---
Tyrest Championship	Innovation	Workshop	IIT Delhi	Educational Institute	19-01-2019 00:00:00	20-01-2019 00:00:00	2	5	0	5	No	---	---	No	---
Two days Curious Programme by HTIC MED Tech Incubator	Innovation	Curious Programme	IIT Madras (Research Park)	Corporate / Industry Association	24-01-2019 00:00:00	25-01-2019 00:00:00	2	0	1	1	No	---	---	No	---
Big Data Analytics	Innovation	Workshop	Kumaraguru College of Technology	Educational Institute	05-02-2019 00:00:00	05-02-2019 00:00:00	1	3	0	3	No	---	---	No	---
Artificial and Machine Learning	Innovation	Workshop	K.P.R. Institute of Engineering and Technology	Educational Institute	09-03-2019 00:00:00	09-03-2019 00:00:00	1	2	0	2	No	---	---	No	---
Earthquake Hazard Risk and Mitigation Theory and Practice	Innovation	Workshop	Amrita VishwaVidya peetham, Coimbatore.	Educational Institute	10-08-2018 00:00:00	10-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Advanced concrete mix design	Innovation	Workshop	Kongu Engineering College, Erode	Educational Institute	24-08-2018 00:00:00	24-08-2018 00:00:00	1	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**

Recent Advancement in Special Concrete	Innovation	Seminar	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	28-08-2018 00:00:00	28-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Durability of Pavement and its Influence on Urban Roads	Innovation	Seminar	Sri Ramakrishna Engineering College, Coimbatore	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	0	1	1	No	---	---	No	---
Analysis and Design of Structures with application to ships and offshore structures	Innovation	Short Term Course	Indian Institute of Technology Madras	Educational Institute	08-10-2018 00:00:00	08-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
Practical Training on Geosynthetics and Building Materials	Innovation	FDP	SRM University	Educational Institute	19-11-2018 00:00:00	19-11-2018 00:00:00	1	0	1	1	No	---	---	No	---
Waste Management Technologies (WMT)	Innovation	Workshop	PSG College of Technology	Educational Institute	26-11-2018 00:00:00	26-11-2018 00:00:00	1	0	1	1	No	---	---	No	---
Outcome Based Education	Innovation	FDP	IIT Madras	Educational Institute	03-12-2018 00:00:00	03-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Advances in Urban Water Engineer and Management	Innovation	Short Term Course	IIT Bombay	Educational Institute	10-12-2018 00:00:00	10-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Intellectual Property Rights	IPR	Workshop	KPR Institute of Engineering and Technology, Coimbatore	Educational Institute	15-12-2018 00:00:00	15-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Precast Prestressed Concrete for Infrastructure Applications- Opportunities and Challenges in Indian Context	Innovation	Seminar	Amrita VishwaVidya peetham, Coimbatore	Educational Institute	20-12-2018 00:00:00	20-12-2018 00:00:00	1	0	1	1	No	---	---	No	---
Wastewater Treatment and Recycling	Innovation	FDP	IIT Kharagpur	Educational Institute	16-07-2018 00:00:00	26-07-2018 00:00:00	11	0	1	1	No	---	---	Yes	2000

**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**

Video Lesson making for MOOCs	Innovation	FDP	Sankara Polytechnic College, Coimbatore	Educational Institute	04-01-2019 00:00:00	05-01-2019 00:00:00	2	0	1	1	No	---	---	No	---
Advanced Computing Methods for Civil Engineering Systems	Innovation	Short Term Course	Indian Institute of Technology, Mumbai	Educational Institute	25-02-2019 00:00:00	01-03-2019 00:00:00	5	0	1	1	No	---	---	No	---
Think Create Engineer	Innovation	Workshop	IIT Madras	Educational Institute	05-12-2018 00:00:00	08-12-2018 00:00:00	4	0	1	1	No	---	---	No	---
Entrepreneurship Training	Entrepreneurship/Startup	Seminar	Kumaraguru College of Technology	Educational Institute	12-11-2018 00:00:00	23-11-2018 00:00:00	12	0	1	1	No	---	---	No	---
Advances in Urban	Innovation	Conference	Siddhartha Institute of Technology and Science,	Educational Institute	15-03-2019 00:00:00	19-03-2019 00:00:00	5	0	1	1	No	---	---	No	---
Alternatives for river sand - Sustainable approach	Innovation	Seminar	PSG College of Technology	Educational Institute	10-08-2018 00:00:00	10-08-2018 00:00:00	1	10	0	10	No	---	---	No	---
Challenges in Geotechnical Engineering	Innovation	Workshop	Dr.Mahalingam College of Engineering and Technology	Educational Institute	11-08-2018 00:00:00	11-08-2018 00:00:00	1	1	0	1	No	---	---	No	---
Total Station	Innovation	Seminar	Erode Sengunthar Engineering College	Educational Institute	01-09-2018 00:00:00	01-09-2018 00:00:00	1	3	0	3	No	---	---	No	---
Presentation skills	Innovation	FDP	PIONEER ARTS AND SCIENCE COLLEGE	Educational Institute	26-10-2018 00:00:00	27-10-2018 00:00:00	2	0	1	1	No	---	---	No	---
Data Analysis In Application of Sem	Innovation	Workshop	RVS INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH, CBE	Educational Institute	29-10-2018 00:00:00	29-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
Enablers of E-Teaching and E-Learning	Innovation	Workshop	AVINASHLINGAM UNIVERSITY	Educational Institute	03-06-2019 00:00:00	03-06-2019 00:00:00	1	0	1	1	No	---	---	No	---
Teaching, Learning and Evaluation in Higher Education	Innovation	Conference	GOVERNMENT THIRUMAGAL MILLS COLLEGE, GUDIYATTAM	Educational Institute	22-02-2019 00:00:00	22-02-2019 00:00:00	1	5	1	6	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**

Faculty Retention Strategies	Entrepreneurship/Startup	Conference	KUALALUMPUR INTERNATIONAL CONFERENCE	International Agencies	15-09-2018 00:00:00	16-09-2018 00:00:00	2	0	1	1	No	---	---	Yes	4000
Talent Management System	Innovation	Conference	ACADEMIC WORLD	Non-Govt. Agencies	20-09-2018 00:00:00	21-09-2018 00:00:00	2	0	1	1	No	---	---	No	---
How to Grow in Digital Marketing	Entrepreneurship/Startup	Workshop	Times of India Groups	Non-Govt. Agencies	11-08-2019 00:00:00	11-08-2019 00:00:00	1	4	0	4	No	---	---	No	---
Challenges in Modern Banking	Innovation	Conference	GRD INSTITUTE OF MANAGEMENT	Educational Institute	29-08-2018 00:00:00	29-08-2018 00:00:00	1	4	2	6	No	---	---	No	---
Recent HR Trends in Automobile Industry	Innovation	Seminar	GRD Academy of Management, Coimbatore	Educational Institute	24-01-2019 00:00:00	24-01-2019 00:00:00	1	4	0	4	No	---	---	No	---
Analysis of Modern Manufacturing Processes	Innovation	Short Term Course	Indian Institute of Technology, Bombay.	Educational Institute	07-01-2019 00:00:00	11-01-2019 00:00:00	5	0	5	5	No	---	---	Yes	10000
Carbon Nano materials Recent Advances and Functional Applications	Innovation	Short Term Course	Indian Institute of Technology, Roorkee.	Educational Institute	20-05-2019 00:00:00	24-05-2019 00:00:00	5	0	1	1	No	---	---	Yes	2000
Leveraging Research for Business Development	Entrepreneurship/Startup	Workshop	IIT madras Research Park	Corporate / Industry Association	20-12-2018 00:00:00	21-12-2018 00:00:00	2	0	1	1	No	---	---	Yes	1000
Lean Manufacturing and 7QC Tools	Innovation	FDP	Roots Industries India Ltd	Corporate / Industry Association	15-11-2018 00:00:00	17-11-2018 00:00:00	3	0	1	1	No	---	---	No	---
NIRF Ranking Masterclass	Innovation	Seminar	Aloft Hotels	Non-Govt. Agencies	25-10-2018 00:00:00	25-10-2018 00:00:00	1	0	1	1	No	---	---	No	---
Design Thinking for engineering Education	Innovation	Workshop	Coimbatore Institute of Technology	Educational Institute	27-07-2018 00:00:00	27-07-2018 00:00:00	1	0	1	1	No	---	---	No	---
Instrumental Method of Analysis	Innovation	Workshop	National Institute of Technology	Educational Institute	24-01-2019 00:00:00	26-01-2019 00:00:00	3	0	1	1	No	---	---	No	---
Advanced materials	Innovation	FDP	Indian Institute of Technology, Madras	Educational Institute	03-12-2018 00:00:00	08-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	1000

**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**

Research scholars Empowerment Programme (RSEP-II)	IPR	Workshop	Coimbatore Institute of Technology	Educational Institute	24-10-2018 00:00:00	25-10-2018 00:00:00	2	0	1	1	No	---	---	No	---
Innovative Approaches for Teaching and Evaluation	IPR	Seminar	IBS	Corporate / Industry Association	23-08-2018 00:00:00	23-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Emotional Intelligence	Innovation	FDP	Sri Ramakrishna College of Arts and Science, Coimbatore	Educational Institute	10-09-2018 00:00:00	11-09-2018 00:00:00	2	0	2	2	No	---	---	No	---
Innovative products conceptualization to commercialization	Entrepreneurship/Startup	Short term course	Indian Institute of Technology Roorkee	Educational Institute	25-07-2018 00:00:00	27-07-2018 00:00:00	3	0	3	3	No	---	---	Yes	6000
International Welding Symposium IWS2K18, Mumbai	Innovation	Symposium	INDIAN WELDING SOCIETY (IWS),	Non-Govt. Agencies	27-11-2018 00:00:00	29-11-2018 00:00:00	3	0	1	1	Yes	GEE LIMITED Winning AWARD for Best paper presentation	Characterization of microstructure and mechanical properties of Friction stir welded Al-B4C Composite	Yes	2000
Culture, Anthropology and Literature	Innovation	Seminar	SNMV College of Arts and Science	Educational Institute	11-10-2018 00:00:00	11-10-2018 00:00:00	1	0	2	2	No	---	---	No	---
Myriad Manifestations of ECO-Consciousness in Literature	Innovation	Seminar	Nirmala College for Women	Educational Institute	20-02-2019 00:00:00	20-02-2019 00:00:00	1	0	3	3	No	---	---	No	---
Advances in Material Science and Engineering for Societal Applications	Innovation	Conference	Sri Ramakrishna Engineering College	Educational Institute	18-07-2018 00:00:00	20-07-2018 00:00:00	3	0	1	1	No	---	---	No	---
Innovations in Chemical Sciences-2019	Innovation	Conference	Kongunadu Arts And Science College	Educational Institute	19-02-2019 00:00:00	19-02-2019 00:00:00	1	0	1	1	No	---	---	No	---
Emerging Trends in Applied Mathematics	Innovation	Conference	Dr.N.G.P.Arts and Science College	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	0	6	6	No	---	---	No	---
Sustainable Scientific Advancements	Innovation	Conference	Sri Vinayaga College of Arts and Science	Educational Institute	22-02-2019 00:00:00	23-02-2019 00:00:00	2	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**

Mathematica I Modelling for Glucose-Insulin Regulatory System of Diabetes Mellitus	Innovation	Conference	P.A.College of Engineering and Technology	Educational Institute	13-06-2018 00:00:00	14-06-2018 00:00:00	2	0	1	1	No	---	---	No	---
Recent Trends in Graph Theory	Innovation	Seminar	Nirmala College for Women	Educational Institute	21-02-2019 00:00:00	21-02-2019 00:00:00	1	0	3	3	No	---	---	No	---
Contribution of Mathematics in Science and Technology - COMIST 19	Innovation	Conference	Bannari Amman Institute of Technology	Educational Institute	15-02-2019 00:00:00	16-02-2019 00:00:00	2	0	1	1	No	---	---	No	---
Australian Connection English Communication for Empowerment	Innovation	Conference	Kongunadu Arts And Science College	Educational Institute	05-09-2018 00:00:00	05-09-2018 00:00:00	1	0	2	2	No	---	---	No	---
Unravelling the Facets of Theories and Criticism in Literature	Innovation	Seminar	Sri Ramakrishna College of Arts and Science	Educational Institute	12-03-2019 00:00:00	12-03-2019 00:00:00	1	0	2	2	No	---	---	No	---
Teacher Support Programme	Innovation	FDP	British Council	Non-Govt. Agencies	14-06-2018 00:00:00	14-06-2018 00:00:00	1	0	1	1	No	---	---	No	---
Crystal Growth and Applications	Innovation	Seminar	Bharathiyar University	Educational Institute	28-01-2019 00:00:00	30-01-2019 00:00:00	3	0	1	1	No	---	---	No	---
5th INTERNATIONAL ROBOTICS LEAGUE AND WORLD ROBOTICS CHAMPIONSHIP TechnoXian 2019	Innovation	Contest	Thyagaraj Stadium, New Delhi	Non-Govt. Agencies	23-09-2019 00:00:00	25-09-2019 00:00:00	3	10	1	11	No	---	---	Yes	25000
NAVRACHANA	Entrepreneurship/Startup	Innovative project expo	LIVEWIRE	Corporate / Industry Association	08-02-2019 00:00:00	08-02-2019 00:00:00	1	3	0	3	Yes	1st Runner Up Award	IoT	Yes	1500
Mahatma Gandhi Youth Festival	Innovation	Inter-collegiate competition	Gandhian Integrated Forum Trust	Non-Govt. Agencies	02-10-2018 00:00:00	02-10-2018 00:00:00	1	1	0	1	Yes	First Place	Mahatma Gandhi The World Leader	Yes	2500

**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
Certificate Course on Entrepreneurship	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	28-07-2018 00:00:00	29-07-2018 00:00:00	2	Offline	59	54	32
Biosensors and IoT	Innovation	Short term Certificate	Short Term Certificate Course	11-08-2018 00:00:00	12-08-2018 00:00:00	2	Offline	60	55	32
Tissue Engineering	Innovation	Short term Certificate	Short Term Certificate Course	11-08-2018 00:00:00	12-08-2018 00:00:00	2	Offline	54	48	32
Artificial intelligence	Innovation	Short term Certificate	Short Term Certificate Course	16-08-2018 00:00:00	26-08-2018 00:00:00	11	Offline	59	51	32
Medical Imaging Technique	Innovation	Short term Certificate	Short Term Certificate Course	16-08-2018 00:00:00	26-08-2018 00:00:00	11	Offline	60	54	32
Product development	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	16-08-2018 00:00:00	26-08-2018 00:00:00	11	Offline	54	51	32
Communication Systems Design With MATLAB	Innovation	Short term Certificate	Short Term Certificate Course	22-09-2018 00:00:00	23-09-2018 00:00:00	2	Offline	60	54	32
Anaesthesia Work station and Mutipara Monitors	Innovation	Short term Certificate	Short Term Certificate Course	05-01-2019 00:00:00	06-01-2019 00:00:00	2	Offline	54	54	32
Joint Mechanics and Osteoarthritis	Innovation	Short term Certificate	Short Term Certificate Course	06-12-2018 00:00:00	09-12-2018 00:00:00	4	Offline	60	55	32
Transport Ventilators	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	14-03-2019 00:00:00	24-03-2019 00:00:00	11	Offline	54	53	32
PACS	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	14-03-2019 00:00:00	24-03-2019 00:00:00	11	Offline	60	57	32
3D Printing in Medical Applications	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	14-03-2019 00:00:00	24-03-2019 00:00:00	11	Offline	59	4	32
SIEMENS Healthineers Imaging for future training program	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	25-06-2019 00:00:00	28-06-2019 00:00:00	4	Offline	60	59	32
Calibration and Testing of Biomedical Equipments	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	54	54	40
LabVIEW Core I and Core II	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	60	58	40
Advancements in Imaging technologies	Innovation	Short term Certificate	Short Term Certificate Course	22-09-2018 00:00:00	23-09-2018 00:00:00	2	Offline	59	53	32
Revit Architecture - 2018	Innovation	Short term Certificate	Short Term Certificate Course	23-07-2018 00:00:00	28-07-2018 00:00:00	6	Offline	49	49	40
Modern Building Materials and the Concept of Sustainability Project	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	40	40	48
Application of GIS	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	25	24	30
Precautionary Construction Management for Sustainability	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	24	24	48
Special Concrete Mix Design As Per Indian Standard Code	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	21	21	48

Water Resources Managements using Spatial Analysis and Satellite Imagery	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	21	21	48
Health Hazards of Radiation and Advance Radiation Shielding Methods	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	31-08-2018 00:00:00	12	Offline	21	21	48
Total Station Setup and Operation	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	35	34	33
Soils under Different Classification Systems	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	25	24	33
Mechanical Behaviour of Structural Member using MATLAB	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	24	24	33
Importance and Practicality of GIS in Engineering and Environmental Management Studies	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	15	15	33
Optimization of Computer Aided Design in Civil Engineering	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	15	15	33
Application of Cold Formed Steel Structures	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	15	15	33
Flood Disaster Management	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	31-01-2019 00:00:00	11	Offline	18	18	33
Fundamentals of Cyber Security	Innovation	Short term Certificate	Short Term Certificate Course	22-06-2018 00:00:00	30-06-2018 00:00:00	9	Online	39	39	30
C and C Programming	Innovation	Short term Certificate	Short Term Certificate Course	25-06-2018 00:00:00	30-06-2018 00:00:00	6	Offline	40	40	30
Data Science and Big Data Analytics using R	Innovation	Short term Certificate	Short Term Certificate Course	25-06-2018 00:00:00	30-06-2018 00:00:00	6	Online	35	35	30
Ethical Hacking	Innovation	Short term Certificate	Short Term Certificate Course	25-06-2018 00:00:00	30-06-2018 00:00:00	6	Online	28	28	30
Data Science and Big Data Analytics	Innovation	Short term Certificate	Short Term Certificate Course	25-06-2018 00:00:00	30-06-2018 00:00:00	6	Online	48	48	30
Current Trends in Automotive software development	Innovation	Short term Certificate	Short Term Certificate Course	03-08-2018 00:00:00	14-08-2018 00:00:00	12	Online	46	46	30
Ethical Hacking	Innovation	Short term Certificate	Short Term Certificate Course	29-08-2018 00:00:00	10-09-2018 00:00:00	13	Online	36	36	30
Game Designing	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	09-09-2018 00:00:00	20-09-2018 00:00:00	12	Online	34	34	30
python and game designing	Innovation	Short term Certificate	Short Term Certificate Course	13-11-2018 00:00:00	24-11-2018 00:00:00	12	Online	48	48	30
Skill development program	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	02-02-2019 00:00:00	13	Online	18	18	30
Networking Basics and Python Programming	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	22-01-2019 00:00:00	04-02-2019 00:00:00	14	Online	48	48	30
Problem Solving through Programming in C	Innovation	Short term Certificate	Short Term Certificate Course	31-01-2019 00:00:00	09-02-2019 00:00:00	10	Online	18	18	30
Joy of Computing using Python	Innovation	Short term Certificate	Short Term Certificate Course	09-02-2019 00:00:00	22-02-2019 00:00:00	14	Online	33	33	30

Software testing	Innovation	Short term Certificate	Short Term Certificate Course	16-02-2019 00:00:00	27-02-2019 00:00:00	12	Online	18	18	30
Social Networks using Python	Innovation	Short term Certificate	Short Term Certificate Course	23-02-2019 00:00:00	08-03-2019 00:00:00	14	Online	48	48	30
Blockchain Architecture Design and Use Cases	Innovation	Short term Certificate	Short Term Certificate Course	26-02-2019 00:00:00	09-03-2019 00:00:00	12	Online	18	18	30
Artificial Intelligence Search Methods for problem Solving	Innovation	Short term Certificate	Short Term Certificate Course	08-03-2019 00:00:00	19-03-2019 00:00:00	12	Online	29	29	30
Wireless Ad Hoc Networks	Innovation	Short term Certificate	Short Term Certificate Course	09-07-2018 00:00:00	21-07-2018 00:00:00	13	Offline	34	32	30
Recent trends in Industrial IoT Applications	Innovation	Short term Certificate	Short Term Certificate Course	22-08-2018 00:00:00	01-09-2018 00:00:00	11	Offline	28	2	30
Thrust Areas in Digital Image Processing and its Application	Innovation	Short term Certificate	Short Term Certificate Course	06-08-2018 00:00:00	18-08-2018 00:00:00	13	Offline	18	18	30
Signal Processing on Encrypted Domain Space	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	25-08-2018 00:00:00	6	Offline	26	25	30
Simulation of Optical Communication Networks Using Synopsys Rsoft Optsim	Innovation	Short term Certificate	Short Term Certificate Course	01-10-2018 00:00:00	06-10-2018 00:00:00	6	Offline	25	24	30
IOT A Vision and on going Research Opportunities	Innovation	Short term Certificate	Short Term Certificate Course	24-12-2018 00:00:00	07-01-2019 00:00:00	15	Offline	23	23	30
Embedded System Security and Internet of Things IoT using Google Assistance	Innovation	Short term Certificate	Short Term Certificate Course	21-02-2019 00:00:00	26-02-2019 00:00:00	6	Offline	28	27	30
Recent Trends in Robotics	Innovation	Short term Certificate	Short Term Certificate Course	18-02-2019 00:00:00	23-02-2019 00:00:00	6	Offline	27	26	30
basic Concepts of C	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	22	22	35
MATLAB Programming and Simulink Mathworks Academy	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	40	40	35
LabVIEW Core I and II Fundamentals	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	6	6	35
Networking Essentials CISCO Network Academy	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	28	28	35
Internetworking and Security	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	30	30	35
Image Processing and Computer Vision	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline	32	32	35
Fiber optic communication System and Techniques	Innovation	Short term Certificate	Short Term Certificate Course	03-09-2018 00:00:00	08-09-2018 00:00:00	6	Offline	32	32	32
Block chain Architecture Design and use Cases	Innovation	Short term Certificate	Short Term Certificate Course	17-09-2018 00:00:00	28-09-2018 00:00:00	12	Offline	41	41	30
Digital Image Processing	Innovation	Short term Certificate	Short Term Certificate Course	10-09-2018 00:00:00	22-09-2018 00:00:00	13	Offline	12	12	30
Computer Architecture	Innovation	Short term Certificate	Short Term Certificate Course	23-07-2018 00:00:00	04-08-2018 00:00:00	13	Offline	20	20	30
Digital Circuits	Innovation	Short term Certificate	Short Term Certificate Course	24-09-2018 00:00:00	06-10-2018 00:00:00	13	Offline	31	31	30

Discrete Time Signal processing	Innovation	Short term Certificate	Short Term Certificate Course	16-07-2018 00:00:00	27-07-2018 00:00:00	12	Offline	14	14	30
Introduction to IoT	Innovation	Short term Certificate	Short Term Certificate Course	10-10-2018 00:00:00	20-10-2018 00:00:00	11	Offline	46	46	30
CMOS Digital VLSI Design	Innovation	Short term Certificate	Short Term Certificate Course	15-10-2018 00:00:00	27-10-2018 00:00:00	13	Offline	28	28	30
Electronic Modules for Industrial Applications using Op Amps	Innovation	Short term Certificate	Short Term Certificate Course	15-10-2018 00:00:00	27-10-2018 00:00:00	13	Offline	36	36	30
Python Programming AND Embedded IOT	Innovation	Short term Certificate	Short Term Certificate Course	19-07-2018 00:00:00	22-07-2018 00:00:00	4	Offline	30	30	30
ARDUINO Programming	Innovation	Short term Certificate	Short Term Certificate Course	19-07-2018 00:00:00	22-07-2018 00:00:00	4	Offline	50	50	30
MATLAB Simulink for Industrial Applications	Innovation	Short term Certificate	Short Term Certificate Course	19-07-2018 00:00:00	22-07-2018 00:00:00	4	Offline	50	50	30
Pspice for Electronics	Innovation	Short term Certificate	Short Term Certificate Course	16-08-2018 00:00:00	19-08-2018 00:00:00	4	Offline	50	50	30
PSIM V11	Innovation	Short term Certificate	Short Term Certificate Course	16-08-2018 00:00:00	19-08-2018 00:00:00	4	Offline	30	30	30
Industrial Internet of Things	Innovation	Short term Certificate	Short Term Certificate Course	17-09-2018 00:00:00	23-09-2018 00:00:00	7	Offline	60	60	30
LORA TECHNOLOGIES (M2M)	Innovation	Short term Certificate	Short Term Certificate Course	17-09-2018 00:00:00	23-09-2018 00:00:00	7	Offline	50	50	30
MSP430 Microcontroller Programming for Beginners	Innovation	Short term Certificate	Short Term Certificate Course	17-12-2018 00:00:00	22-12-2018 00:00:00	6	Offline	56	56	30
Electrical CAD	Innovation	Short term Certificate	Short Term Certificate Course	17-12-2018 00:00:00	22-12-2018 00:00:00	6	Offline	50	50	30
Industry 4	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	21-02-2019 00:00:00	24-02-2019 00:00:00	4	Offline	60	60	30
Programming in Advanced C	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	25-06-2019 00:00:00	9	Online	36	34	50
NI LabVIEW Core1 and Core 2	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Offline	49	49	40
CPP	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	01-09-2018 00:00:00	31-12-2018 00:00:00	122	Online	50	50	120
C	Innovation	Short term Certificate	Short Term Certificate Course	03-09-2018 00:00:00	24-12-2018 00:00:00	113	Online	55	55	120
Arduino	Innovation	Short term Certificate	Short Term Certificate Course	03-09-2018 00:00:00	24-12-2018 00:00:00	113	Online	25	25	120
Control Engineering	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	16-07-2018 00:00:00	25-09-2018 00:00:00	72	Online	25	3	120
Electric Vehicles Part - I	Innovation	Short term Certificate	Short Term Certificate Course	02-01-2019 00:00:00	29-03-2019 00:00:00	87	Online	12	1	120
Environmental Issues and Global Challenges	Innovation	Short term Certificate	Short Term Certificate Course	10-09-2018 00:00:00	16-09-2018 00:00:00	7	Offline	96	89	30
Conversational English	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	08-11-2018 00:00:00	14-11-2018 00:00:00	7	Offline	73	67	30

Solid waste and climate change	Innovation	Short term Certificate	Short Term Certificate Course	08-02-2019 00:00:00	05-03-2019 00:00:00	26	Offline	81	75	30
Medical equipment an insight	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	05-03-2019 00:00:00	11-03-2019 00:00:00	7	Offline	59	54	30
Engineering Metrology	Innovation	Short term Certificate	Short Term Certificate Course	03-07-2018 00:00:00	26-10-2018 00:00:00	116	Online	10	10	30
Importance of Automation in Industry	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	06-07-2018 00:00:00	15-07-2018 00:00:00	10	Offline	96	96	33
Emerging technologies in Quality control and Inspection	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	10-08-2018 00:00:00	18-08-2018 00:00:00	9	Offline	54	54	34
Product Quality Management in Industry	Innovation	Short term Certificate	Short Term Certificate Course	23-08-2018 00:00:00	31-08-2018 00:00:00	9	Offline	50	50	33
Industrial Environmental Management	Innovation	Short term Certificate	Short Term Certificate Course	24-08-2018 00:00:00	02-09-2018 00:00:00	10	Offline	49	49	30
Design of Experiments	Innovation	Short term Certificate	Short Term Certificate Course	31-08-2018 00:00:00	08-09-2018 00:00:00	9	Offline	77	77	34
CMM CNC and Special Machines	IPR, Innovation	Short term Certificate	Short Term Certificate Course	11-12-2018 00:00:00	22-12-2018 00:00:00	12	Offline	47	47	30
Product Design and Development	Innovation	Short term Certificate	Short Term Certificate Course	28-01-2019 00:00:00	22-02-2019 00:00:00	26	Online	12	12	30
Material Science and Engineering	Innovation	Short term Certificate	Short Term Certificate Course	28-01-2019 00:00:00	22-03-2019 00:00:00	54	Online	13	13	30
Polymer Assisted Abrasive Finishing Processes	Innovation	Short term Certificate	Short Term Certificate Course	28-01-2019 00:00:00	22-02-2019 00:00:00	26	Online	12	12	30
Inspection and Quality Control in Manufacturing	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	22-02-2019 00:00:00	26-03-2019 00:00:00	33	Online	10	10	30
CAD CAM EDM	Innovation	Short term Certificate	Short Term Certificate Course	07-09-2018 00:00:00	11-09-2018 00:00:00	5	Offline	66	66	48
AutoCAD	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Offline	52	52	42
ANSYS and CFD	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Offline	77	77	40
Data Mining Tools	Innovation	Short term Certificate	Short Term Certificate Course	09-07-2018 00:00:00	13-07-2018 00:00:00	5	Online	22	21	32
After Effects	Innovation	Short term Certificate	Short Term Certificate Course	23-07-2018 00:00:00	02-08-2018 00:00:00	11	Online	32	31	30
Enterprise Information Systems	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	06-08-2018 00:00:00	10-08-2018 00:00:00	5	Online	23	22	30
Selenium Testing Framework	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	01-09-2018 00:00:00	13	Online	32	31	30
Black box Testing	Innovation	Short term Certificate	Short Term Certificate Course	20-08-2018 00:00:00	01-09-2018 00:00:00	13	Online	22	22	30
Theory of computation	Innovation	Short term Certificate	Short Term Certificate Course	24-09-2018 00:00:00	28-09-2018 00:00:00	5	Online	23	23	30
MockFlow UI design Tool	Innovation	Short term Certificate	Short Term Certificate Course	08-10-2018 00:00:00	12-10-2018 00:00:00	5	Online	22	21	30

Grid Computing Tools	Innovation	Short term Certificate	Short Term Certificate Course	07-01-2019 00:00:00	18-01-2019 00:00:00	12	Online	32	31	30
Java AWT	Innovation	Short term Certificate	Short Term Certificate Course	21-01-2019 00:00:00	25-01-2019 00:00:00	5	Online	23	22	30
Corel Draw	Innovation	Short term Certificate	Short Term Certificate Course	04-02-2019 00:00:00	14-02-2019 00:00:00	11	Online	22	21	30
3D Max	Innovation	Short term Certificate	Short Term Certificate Course	11-03-2019 00:00:00	15-03-2019 00:00:00	5	Online	32	32	30
Neural Network	Innovation	Short term Certificate	Short Term Certificate Course	25-03-2019 00:00:00	04-04-2019 00:00:00	11	Online	23	22	30
Fuzzy Logic	Innovation	Short term Certificate	Short Term Certificate Course	25-03-2019 00:00:00	04-04-2019 00:00:00	11	Online	32	31	32
Data science and big data analysis	Innovation	Short term Certificate	Short Term Certificate Course	12-06-2019 00:00:00	17-06-2019 00:00:00	6	Online	25	25	30
Essentials of Ethical Hacking	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	26-06-2019 00:00:00	10	Online	28	27	30
C programming	Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Online	3	3	30
Essentials of Cyber Security	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	17-06-2019 00:00:00	26-06-2019 00:00:00	10	Online	46	46	30
Personality Development	Innovation	Short term Certificate	Short Term Certificate Course	19-09-2018 00:00:00	20-09-2018 00:00:00	2	Offline	221	216	30
Marketing Ethics	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	21-09-2018 00:00:00	22-09-2018 00:00:00	2	Offline	221	216	30
Managerial Talents	Innovation	Short term Certificate	Short Term Certificate Course	23-09-2018 00:00:00	24-09-2018 00:00:00	2	Offline	221	216	30
Motivation	Innovation	Short term Certificate	Short Term Certificate Course	04-08-2018 00:00:00	05-08-2018 00:00:00	2	Offline	221	216	30
Group Dynamics	Innovation	Short term Certificate	Short Term Certificate Course	28-08-2018 00:00:00	29-08-2018 00:00:00	2	Offline	221	216	30
Recruitment Strategies	Innovation	Short term Certificate	Short Term Certificate Course	18-09-2018 00:00:00	19-09-2018 00:00:00	2	Offline	221	216	30
Marketing Myopia	Innovation	Short term Certificate	Short Term Certificate Course	27-09-2018 00:00:00	28-09-2018 00:00:00	2	Offline	221	216	30
Future Young Managers	Innovation	Short term Certificate	Short Term Certificate Course	07-01-2019 00:00:00	08-01-2019 00:00:00	2	Offline	221	216	30
Human Resource Information System	Innovation	Short term Certificate	Short Term Certificate Course	28-09-2018 00:00:00	29-09-2018 00:00:00	2	Offline	221	216	30
HR Issues and Challenges	Innovation	Short term Certificate	Short Term Certificate Course	30-09-2018 00:00:00	01-10-2018 00:00:00	2	Offline	221	216	30
Six Sigma	Innovation	Short term Certificate	Short Term Certificate Course	03-10-2018 00:00:00	04-10-2018 00:00:00	2	Offline	221	216	30
ERP	Innovation	Short term Certificate	Short Term Certificate Course	05-10-2018 00:00:00	06-10-2018 00:00:00	2	Offline	221	216	30
ISO Certification	Entrepreneurship/Startup, Innovation	Short term Certificate	Short Term Certificate Course	18-10-2018 00:00:00	22-10-2018 00:00:00	5	Offline	107	104	40

SAP	Innovation	Short term Certificate	Short Term Certificate Course	24-10-2018 00:00:00	29-10-2018 00:00:00	6	Offline	107	105	40
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### 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 Phone		Yes	No	
NI LabVIEW Academy	Centre of Excellence with Advance Tools & Equipment	2011	Dr.NGP Institute of Technology	Facility Incharge Name	S.S.Karthikeyan	137.78 Sq. Ft.	Yes		No
				Facility Incharge Email	karthikeyan@drngpit.ac.in		Annual Capital Expenditure (In Rupees)	0	
				Facility Incharge Phone	9952383731		Annual Operational Expenditure (In Rupees)	0	
Industry Institute Partnership Cell (IIPC)	Pre-Incubation Centre	2010	Dr.NGP Institute of Technology	Facility Incharge Name	Dr.K.Porkumaran	1600 Sq. Ft.	Yes		No
				Facility Incharge Email	principal@drngpit.ac.in		Annual Capital Expenditure (In Rupees)	0	
				Facility Incharge Phone	9894101804		Annual Operational Expenditure (In Rupees)	0	
Entrepreneurship Development Cell (EDC)	Pre-Incubation Centre	2010	Dr.NGP Institute of Technology	Facility Incharge Name	Dr.P.Sivakumar	161 Sq. Ft.	Yes		No
				Facility Incharge Email	sivakumar@drngpit.ac.in		Annual Capital Expenditure (In Rupees)	0	
				Facility Incharge Phone	9443628808		Annual Operational Expenditure (In Rupees)	0	
Texas Instruments Center	Centre of Excellence with Advance Tools & Equipment	2015	Dr.NGP Institute of Technology	Facility Incharge Name	Dr. K.Muthulakshmi	1748 Sq. Ft.	Yes		No
				Facility Incharge Email	muthulakshmi@drngpit.ac.in		Annual Capital Expenditure (In Rupees)	0	
				Facility Incharge Phone	8754842992		Annual Operational Expenditure (In Rupees)	0	

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

HEXAGON Mi Powered CMM	Incubation Unit	2015	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.V.Sivaraman</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sivaraman@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9843406230</td> </tr> </table>	Facility Incharge Name	Dr.V.Sivaraman	Facility Incharge Email	sivaraman@drngpit.ac.in	Facility Incharge Phone	9843406230	151 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.V.Sivaraman																		
Facility Incharge Email	sivaraman@drngpit.ac.in																		
Facility Incharge Phone	9843406230																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Center for Medical Equipment and Systems	Incubation Unit	2016	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Sharmilis</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sharmili@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994418019</td> </tr> </table>	Facility Incharge Name	Sharmilis	Facility Incharge Email	sharmili@drngpit.ac.in	Facility Incharge Phone	9994418019	1051 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Sharmilis																		
Facility Incharge Email	sharmili@drngpit.ac.in																		
Facility Incharge Phone	9994418019																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Dr.NGPIT-Aosta Technology Incubation Center	Incubation Unit	2016	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>L.R.Sujithra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sujithra@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9487725057</td> </tr> </table>	Facility Incharge Name	L.R.Sujithra	Facility Incharge Email	sujithra@drngpit.ac.in	Facility Incharge Phone	9487725057	946 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	L.R.Sujithra																		
Facility Incharge Email	sujithra@drngpit.ac.in																		
Facility Incharge Phone	9487725057																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Centre for Robotics eYantra	Incubation Unit	2017	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Govinthasamy.N.R</td> </tr> <tr> <td>Facility Incharge Email</td> <td>govinthasamy@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944211747</td> </tr> </table>	Facility Incharge Name	Govinthasamy.N.R	Facility Incharge Email	govinthasamy@drngpit.ac.in	Facility Incharge Phone	9944211747	1062 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Govinthasamy.N.R																		
Facility Incharge Email	govinthasamy@drngpit.ac.in																		
Facility Incharge Phone	9944211747																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Dr.NGPIT- Cybersecurity Center	Incubation Unit	2017	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S.Parandaman</td> </tr> <tr> <td>Facility Incharge Email</td> <td>parandaman@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9043893245</td> </tr> </table>	Facility Incharge Name	S.Parandaman	Facility Incharge Email	parandaman@drngpit.ac.in	Facility Incharge Phone	9043893245	558 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	S.Parandaman																		
Facility Incharge Email	parandaman@drngpit.ac.in																		
Facility Incharge Phone	9043893245																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		



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

Teaching and Learning Center	Pre-Incubation Centre	2017	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>B.Shreeram</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shreeram@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9790935543</td> </tr> </table>	Facility Incharge Name	B.Shreeram	Facility Incharge Email	shreeram@drngpit.ac.in	Facility Incharge Phone	9790935543	122.18 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	B.Shreeram																		
Facility Incharge Email	shreeram@drngpit.ac.in																		
Facility Incharge Phone	9790935543																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
CISCO Networking Academy	Centre of Excellence with Advance Tools & Equipment	2011	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>R.Rajkumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rajkumar.r@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842524419</td> </tr> </table>	Facility Incharge Name	R.Rajkumar	Facility Incharge Email	rajkumar.r@drngpit.ac.in	Facility Incharge Phone	9842524419	137.78 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	R.Rajkumar																		
Facility Incharge Email	rajkumar.r@drngpit.ac.in																		
Facility Incharge Phone	9842524419																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Siemens Training Centre	Centre of Excellence with Advance Tools & Equipment	2015	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. V.Ranganayaki</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ranganayaki@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9487509455</td> </tr> </table>	Facility Incharge Name	Dr. V.Ranganayaki	Facility Incharge Email	ranganayaki@drngpit.ac.in	Facility Incharge Phone	9487509455	137.78 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr. V.Ranganayaki																		
Facility Incharge Email	ranganayaki@drngpit.ac.in																		
Facility Incharge Phone	9487509455																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
EMC2 Academic Alliance	Pre-Incubation Centre	2017	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Suresh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>suresh@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9715753585</td> </tr> </table>	Facility Incharge Name	Suresh	Facility Incharge Email	suresh@drngpit.ac.in	Facility Incharge Phone	9715753585	946 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Suresh																		
Facility Incharge Email	suresh@drngpit.ac.in																		
Facility Incharge Phone	9715753585																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
CDAC IoT Research Lab	Pre-Incubation Centre	2018	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.J.Chitra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>chitra@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>6381015517</td> </tr> </table>	Facility Incharge Name	Dr.J.Chitra	Facility Incharge Email	chitra@drngpit.ac.in	Facility Incharge Phone	6381015517	675 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.J.Chitra																		
Facility Incharge Email	chitra@drngpit.ac.in																		
Facility Incharge Phone	6381015517																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		

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

Mathworks Academy	Pre-Incubation Centre	2018	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.K.Gay athri Devi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod_ece@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9789501994</td> </tr> </table>	Facility Incharge Name	Dr.K.Gay athri Devi	Facility Incharge Email	hod_ece@drngpit.ac.in	Facility Incharge Phone	9789501994	946 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.K.Gay athri Devi																		
Facility Incharge Email	hod_ece@drngpit.ac.in																		
Facility Incharge Phone	9789501994																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Red Hat Academy	Pre-Incubation Centre	2018	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.V.Sudha</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hod_cse@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9500289884</td> </tr> </table>	Facility Incharge Name	Dr.S.V.Sudha	Facility Incharge Email	hod_cse@drngpit.ac.in	Facility Incharge Phone	9500289884	646 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.S.V.Sudha																		
Facility Incharge Email	hod_cse@drngpit.ac.in																		
Facility Incharge Phone	9500289884																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Center for Medical Imaging	Incubation Unit	2019	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>R.Nithya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nithya@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9944254666</td> </tr> </table>	Facility Incharge Name	R.Nithya	Facility Incharge Email	nithya@drngpit.ac.in	Facility Incharge Phone	9944254666	1062 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	R.Nithya																		
Facility Incharge Email	nithya@drngpit.ac.in																		
Facility Incharge Phone	9944254666																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Dr.NGP IT - Salzer Innovation Center	Research Park/Innovation Park	2019	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Jaganathan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodeee@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8122599995</td> </tr> </table>	Facility Incharge Name	Dr.S.Jaganathan	Facility Incharge Email	hodeee@drngpit.ac.in	Facility Incharge Phone	8122599995	1062 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.S.Jaganathan																		
Facility Incharge Email	hodeee@drngpit.ac.in																		
Facility Incharge Phone	8122599995																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2016	Dr.N.G.P. Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Prabakar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hodbme@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9600760777</td> </tr> </table>	Facility Incharge Name	Dr.S.Prabakar	Facility Incharge Email	hodbme@drngpit.ac.in	Facility Incharge Phone	9600760777	161 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.S.Prabakar																		
Facility Incharge Email	hodbme@drngpit.ac.in																		
Facility Incharge Phone	9600760777																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		

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

Skill Development Center	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2012	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.S.Ayyasamy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ayyasamy@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9894858892</td> </tr> </table>	Facility Incharge Name	Dr.S.Ayyasamy	Facility Incharge Email	ayyasamy@drngpit.ac.in	Facility Incharge Phone	9894858892	675 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr.S.Ayyasamy																		
Facility Incharge Email	ayyasamy@drngpit.ac.in																		
Facility Incharge Phone	9894858892																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
MHRD Institution Innovation Council	Research Park/Innovation Park	2018	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>S.Shanmuga Raju</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shanmugaraju@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994240186</td> </tr> </table>	Facility Incharge Name	S.Shanmuga Raju	Facility Incharge Email	shanmugaraju@drngpit.ac.in	Facility Incharge Phone	9994240186	608 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	S.Shanmuga Raju																		
Facility Incharge Email	shanmugaraju@drngpit.ac.in																		
Facility Incharge Phone	9994240186																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (In Rupees)	0																		
Product Development and Innovation Center	Research Park/Innovation Park	2016	Dr.NGP Institute of Technology	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K.Sakthi Sudhan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sakthisudhan@drngpit.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9842459272</td> </tr> </table>	Facility Incharge Name	Dr. K.Sakthi Sudhan	Facility Incharge Email	sakthisudhan@drngpit.ac.in	Facility Incharge Phone	9842459272	906 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	0	No
Facility Incharge Name	Dr. K.Sakthi Sudhan																		
Facility Incharge Email	sakthisudhan@drngpit.ac.in																		
Facility Incharge Phone	9842459272																		
Yes																			
Annual Capital Expenditure (In Rupees)	0																		
Annual Operational Expenditure (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)
Centre for Robotics eYantra	Institute's Own Fund / Resource	---	---	Yes	12000
IPR Cell	Institute's Own Fund / Resource	---	---	Yes	93100
MHRD Institution Innovation Council	Institute's Own Fund / Resource	---	---	Yes	23500
Dr.NGP IT - Salzer Innovation Center	Institute's Own Fund / Resource	---	---	Yes	100000
NI LabVIEW Academy	Institute's Own Fund / Resource	---	---	Yes	18500
Entrepreneurship Development Cell (EDC)	Funding Agency	Entrepreneurship Development Institute of India	Govt. Agency (Central)	Yes	64000
Texas Instruments Center	Institute's Own Fund / Resource	---	---	Yes	22000
HEXAGON Mi Powered CMM	Institute's Own Fund / Resource	---	---	Yes	11564
Dr.NGPIT- Cybersecurity Center	Institute's Own Fund / Resource	---	---	Yes	7550

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

CISCO Networking Academy	Institute's Own Fund / Resource	---	---	Yes	7256
CDAC IoT Research Lab	Institute's Own Fund / Resource	---	---	Yes	15862
Mathworks Academy	Institute's Own Fund / Resource	---	---	Yes	14785
Center for Medical Imaging	Funding Agency	KMCH	Corporate / Industry Association	Yes	73500

## 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					
Effectiveness of multi sensory story telling to improve the social communication of children with special needs	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2018	IP / Patented Technology	No	Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	Yes	No
					Applied for Patent						
					Patent Application No				0	0	
					Year of Patent Application					Seedfund/Angel/VC Agency Name	TNS CST
										Agency Type	Govt. Agency (State)

### Principal Innovator

Name	Type	Gender	Email	Contact
Dr.S.Prabakar	Faculty	Male	hodbme@drngpit.ac.in	9600760777

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

A Novel method for electrical vehicle wireless charging system	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2018	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (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 Seedfund/Angel/VC Agency Name TNS CST Agency Type Govt. Agency (State)	No
IP / Patented Technology																		
Applied for Patent	No																	
Patent Application No																		
Year of Patent Application																		
<b>Principal Innovator</b>																		
Name			Type		Gender		Email		Contact									
Senthilnathan.A			Faculty		Male		senthilnathan@drngpit.ac.in		9952683271									
Generation of Electric Power From A Moving Electric Vehicles	Texas Instruments Center	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No								
<b>Principal Innovator</b>																		
Name			Type		Gender		Email		Contact									
Shan varghese Abraham			Student		Male		esahakabraham@gmail.com		04222369118									

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

NAVRACHANA	Centre for Robotics eYantra	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non- Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)  0	Yes  Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/I nnovations during the period of pre- incubation/incub ation support at your Pre- incubation/incub ation or institute financial period 2018-19 (in Rupees)  0  Seedfu nd/Ang el/VC Agenc y Name  LIVE WIRE  Agenc y Type  Non- Govt. Agen cies	No
<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
Navaneethan S			Student		Male		naveenskth@gmail.com		8760293713	

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Medibin the medical dustbin	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/ incubati	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes		No
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
					Patent Application No				0	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)	
					Year of Patent Application				0	Seedfund/Angel/VC Agency Name	TNS CST
										Agency Type	Govt. Agency (State)
<b>Principal Innovator</b>											
Name			Type			Gender			Email		Contact
Dr.S.Prabakar			Faculty			Male			hodbme@drngpit.ac.in		9600760777

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Novel structural binder on Iron carbonation - a greener alternative to concrete	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	<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> <tr> <td>Seedfund/Angel/VC Agency Name</td> <td>TNS CST</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</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	Seedfund/Angel/VC Agency Name	TNS CST	Agency Type	Govt. Agency (State)	No
IP / Patented Technology																												
Applied for Patent	No																											
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Seedfund/Angel/VC Agency Name	TNS CST																											
Agency Type	Govt. Agency (State)																											
<b>Principal Innovator</b>																												
Name			Type		Gender		Email		Contact																			
Dr.P.Muthupriya			Faculty		Female		hodcivil@drngpit.ac.in		9677772322																			



**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Use of treated waste water of textile industry in concrete	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/ incubati	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	Yes	No
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	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)	
					Patent Application No				0	0	
					Year of Patent Application					Seedfund/Angel/VC Agency Name	TNS CST
										Agency Type	Govt. Agency (State)

**Principal Innovator**

Name	Type	Gender	Email	Contact
Senthil Naathan B	Faculty and Student	Male	senthilnaathan@dmgpit.ac.in	9003372700

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Experimental Investigation on strength and durability characteristics of rubber reinforced concrete	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes		No	
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)			
					Patent Application No				0	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)		
					Year of Patent Application					0	Seedfund/Angel/VC Agency Name	TNS CST
											Agency Type	Govt. Agency (State)
<b>Principal Innovator</b>												
Name			Type		Gender		Email			Contact		
G Ramesh Kumar			Faculty		Male		rameshkumar@drngpit.ac.in			9865906411		

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Voice Based email system for blinds	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/ incubati	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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	<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> <tr> <td>Seedfund/Angel/VC Agency Name</td> <td>TNS CST</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</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	Seedfund/Angel/VC Agency Name	TNS CST	Agency Type	Govt. Agency (State)	No
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Seedfund/Angel/VC Agency Name	TNS CST																											
Agency Type	Govt. Agency (State)																											

**Principal Innovator**

Name	Type	Gender	Email	Contact
Dr.S V Sudha	Faculty	Female	hod_cse@drngpit.ac.in	9500289884

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

War field spy robot Team	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes		No										
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	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)											
					Patent Application No		0		0												
					Year of Patent Application				Seedfund/Angel/VC Agency Name	TNS CST											
									Agency Type	Govt. Agency (State)											
<p><b>Principal Innovator</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr.K.Gayathri Devi</td> <td>Faculty</td> <td>Male</td> <td>hod_ece@dmgpit.ac.in</td> <td>9789501994</td> </tr> </tbody> </table>												Name	Type	Gender	Email	Contact	Dr.K.Gayathri Devi	Faculty	Male	hod_ece@dmgpit.ac.in	9789501994
Name	Type	Gender	Email	Contact																	
Dr.K.Gayathri Devi	Faculty	Male	hod_ece@dmgpit.ac.in	9789501994																	

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Robotic Assisted Blood Drawing Machine using Raspberry-pi	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	<table border="1"> <tr> <th colspan="2">IP / Patented Technology</th> </tr> <tr> <td>Applied for Patent</td> <td>No</td> </tr> <tr> <td>Patent Application No</td> <td></td> </tr> <tr> <td>Year of Patent Application</td> <td></td> </tr> </table>	IP / Patented Technology		Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/ incubati	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>0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	<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> <tr> <td>Seedfund/Angel/VC Agency Name</td> <td>TNS CST</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</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	Seedfund/Angel/VC Agency Name	TNS CST	Agency Type	Govt. Agency (State)	No
IP / Patented Technology																												
Applied for Patent	No																											
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Seedfund/Angel/VC Agency Name	TNS CST																											
Agency Type	Govt. Agency (State)																											

**Principal Innovator**

Name	Type	Gender	Email	Contact
A G Karthikeyan	Faculty	Male	karthikeyan@drngpit.ac.in	9171111014

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

Intelligent Smart Poly Hous For Roof Top Irrigation	Product Development and Innovation Center	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes		Yes		No
					Applied for Patent	No			Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		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)		
					Patent Application No				0		0		
					Year of Patent Application							Seedfund/Angel/VC Agency Name	IEEE
												Agency Type	International Agencies
<b>Principal Innovator</b>													
				<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>		<b>Contact</b>	
				Dr.K.Porkumaran		Faculty and Student		Male		principal@drngpit.ac.in		9894101804	

**Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities**

E-Cattle Health Monitoring And Fertility Detection Using IoT	Industry Institute Partnership Cell (IIPC)	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Faculty and Student	2019	IP / Patented Technology		Completed and Ready for Commercialization/Incubation	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Yes	Yes	No
					Applied for Patent	No					
					Patent Application No						
					Year of Patent Application						
									Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	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	0	
									Seedfund/Angel/VC Agency Name	IEEE	
									Agency Type	International Agencies	

Principal Innovator				
Name	Type	Gender	Email	Contact
A.Senthilnathan	Faculty and Student	Male	senthilnathan@drngpit.ac.in	9952683271

Early Detection of Osteoarthritis using a technique-Phonoarthrography	MHRD Institution Innovation Council	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
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Principal Innovator				
Name	Type	Gender	Email	Contact
Hariprasath G S	Student	Male	hariprasathnair7@gmail.com	9750659545

Farmers Firend	MHRD Institution Innovation Council	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No
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Principal Innovator				
Name	Type	Gender	Email	Contact
Navaneethan S	Student	Male	naveenskh@gmail.com	8760293713

### Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Advanced Dermatoscopic Modality with Image Intelligence	MHRD Institution Innovation Council	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
<b>Principal Innovator</b>																				
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Name	Type	Gender	Email	Contact																
Govardhan B	Student	Male	gokulbalu@gmail.com	6369887982																
Speed Control using GPS	MHRD Institution Innovation Council	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	No	No	No										
<b>Principal Innovator</b>																				
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Name	Type	Gender	Email	Contact																
Nigil M R	Student	Male	nigilkinghp@gmail.com	9003712197																
Identification and control of heavy metals in the sea food material using an IoT solution	MHRD Institution Innovation Council	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2019	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/ incubati	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	No	No	No										
<b>Principal Innovator</b>																				
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>ROSHINI J</td> <td>Student</td> <td>Female</td> <td>roshini.dhanajagan@gmail.com</td> <td>9865482540</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	ROSHINI J	Student	Female	roshini.dhanajagan@gmail.com	9865482540
Name	Type	Gender	Email	Contact																
ROSHINI J	Student	Female	roshini.dhanajagan@gmail.com	9865482540																

### 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 Received from Other Institute/Incubator	UTL Technologies Ltd Bangalore	Mentoring	4	14-08-2018
Incubation Services/Support Received from Other Institute/Incubator	Texas Instruments Bangalore	Incubation	17	27-02-2014
Incubation Services/Support Received from Other Institute/Incubator	KMCH Coimbatore	Incubation, Mentoring, Investment	14	12-12-2013
Incubation Services/Support Extended to Other Institute	SIEMENS Health care Pvt Ltd Mumbai	Incubation	2	05-10-2018
Incubation Services/Support Received from Other Institute/Incubator	Helix Pvt Ltd Bangalore	Mentoring	4	04-07-2017



## Co-Incubation Partnership

Incubation Services/Support Extended to Other Institute	Aosta Software Technologies India Ltd Coimbatore	Pre-incubation,Mentoring,Networking,Investment	6	13-02-2016
Incubation Services/Support Received from Other Institute/Incubator	Mangla Smart Energy Solutions Pvt Ltd Tirupur	Mentoring	2	14-08-2018
Incubation Services/Support Extended to Other Institute	CODDISSIA Coimbatore	Mentoring	2	22-09-2014
Incubation Services/Support Received from Other Institute/Incubator	Innovent Engineering Solutions Bangalore	Pre-incubation	2	13-11-2015
Incubation Services/Support Extended to Other Institute	Hexagon Metrology India Pvt Ltd Coimbatore	Mentoring	1	13-10-2016
Incubation Services/Support Received from Other Institute/Incubator	VI Solutions Bangalore	Pre-incubation	5	19-06-2017
Incubation Services/Support Received from Other Institute/Incubator	Pantech ProLabs India Pvt Ltd Coimbatore	Incubation,Mentoring	12	15-04-2016
Incubation Services/Support Extended to Other Institute	Sankar and Associates Coimbatore	Pre-incubation	1	09-08-2018
Incubation Services/Support Extended to Other Institute	SG Structural EngineersCoimbatore	Incubation,Mentoring	3	18-04-2018
Incubation Services/Support Received from Other Institute/Incubator	Invenire	Mentoring	3	04-03-2019
Incubation Services/Support Extended to Other Institute	Universiti Teknologi Petronas Malaysia	Incubation,Mentoring,Seed fund	13	22-09-2018

## 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)																		
AN APPARATUS AND METHOD OF REHABILITATION FOR GASTROPARESIS	IP/Patented Technology	Licensing with Royalty Sharing	201941033325A	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Porkumaran karantharaj</td> </tr> <tr> <td>Contact number of license holder</td> <td>9894101804</td> </tr> <tr> <td>Email of Licence holder</td> <td>porkumaran@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Porkumaran karantharaj	Contact number of license holder	9894101804	Email of Licence holder	porkumaran@gmail.com	Gender	Male	IPR	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received Licence/Technology</td> <td>Dr NGP Institute of technology</td> </tr> <tr> <td>Address of Agency</td> <td>Coimbatore</td> </tr> <tr> <td>Contact Number of Agency</td> <td>04222369105</td> </tr> <tr> <td>Email of Agency</td> <td>info@drngpit.ac.in</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received Licence/Technology	Dr NGP Institute of technology	Address of Agency	Coimbatore	Contact Number of Agency	04222369105	Email of Agency	info@drngpit.ac.in	No	---
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Address of Agency	Coimbatore																									
Contact Number of Agency	04222369105																									
Email of Agency	info@drngpit.ac.in																									

## Technology Commercialization / Transfer

ELECTRONIC DEVICE DISABLING SYSTEM	IP/Patented Technology	Licensing with Royalty Sharing	201941033107A	Patent/Licence Holder name (Institute Co- ownership is Must)	Porkumaran karantharaj	IPR	Licence Transferred to	Institute	No	---
				Contact number of license holder	9894101804		Name of Industry/Start- up/Agency Received License/Techno logy	Dr NGP Institute of technology		
				Email of Licence holder	porkumaran @gmail.com		Address of Agency	Coimbatore		
				Gender	Male		Contact Number of Agency	0422236910 5		
							Email of Agency	info@drngpit. ac.in		

## 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. K.Porkumaran (Head of Institute) and Dr. C. Ram Kumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute



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Dr. K.Porkumaran  
Head of the Institution,  
Dr. N. G. P. Institute of Technology,  
Coimbatore, Tamil Nadu

Nodal officer



---

Dr. C. Ram Kumar  
Nodal Officer,  
Dr. N. G. P. Institute of Technology,  
Coimbatore, Tamil Nadu