IIMT
UNIVERSITY
MEERUT
Transforming Education System, Transforming Lives

UGC Approved
Section 2(f) & 12B

IIMT UNIVERSITY MEERUT

INSTITUTIONS INNOVATION COUNCIL

MINISTRY OF EDUCATION, GOVT OF INDIA

IIC 2020-21 REPORT
SUBMITTED BY

IIMT UNIVERSITY, MEERUT

Annual Report 2020-21
[IIC IIMT University, Meerut]

A. About IIC Institute

- Vision / Mission of IIC established at the Institute
  To foster an ecosystem pertaining to Innovation, Incubation and Entrepreneurship leading to successful start-ups and entreprizes.
- Journey of IIC established at the Institute

IIMT UNIVERSITY has established **Institute Innovation Council (IIC)in year 2018** in collaboration with **Ministry of Education (MoE), Govt. of India** at university level supported by **Institute Innovation Cell** at each institution level under **IIMTU-IIC** to systematically foster the culture of Innovation amongst all Students of IIMT University. The primary mandate of IIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes, to organize ideathons and heckathons etc.

The IIMTU has regularly been the active participant of IIC-MoE conducted activities sessions on IPR literacy & awareness (Recent is NIPLW-KAPILA) varying from a day to a month.

- **Training programmes on various technical subjects & IPR in association with MSME, TDC (PPDC), Ministry of MSME, Govt. of India.**

- **STP on new technical concepts like ML, AI, SAP, VM ware, severless ware housing in supply chain. Development etc. in association with AWS, IBM, MSME.**

- **Conduction of Heckathons and Ideathons by IIMTU-IIC Cell.**

IIMT UNIVERSITY is leading towards creating an innovation promotion eco-system in the campus.

In year 2018-19, IIMTU has been given **four stars out of five by IIC-MoE, GoI,** and 6th rank in top ten institutions in Northen India, for its leading role in conducting innovative activities under their guidelines.

In year 2019-20 also, IIMTU has been given **3.5 stars out of five by IIC-MoE, GoI,** and 20th rank in top 123 institutions in Northen India, for its leading role in conducting innovative activities under their guidelines.

- Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc. Refer the below list

B. Brief mention of key functionaries at the IIC Institute

- President
- Vice President
- Convenor
- Coordinators etc.

Sr. No.	Name of Member	Member Type (Teaching/ Non- teaching / External Expert)	Key Role/ Position assigned in IIC
1	Dr. Deepa Sharma	Teaching (Advisor & Dean - Research & Planning)	President
2	Shri Mayank Agarwal	M.D. IIMT Group of Colleges	Member
3	Prof. Jagdish Sharma	TBI-IIT Ropar, Punjab	Member
4	Shri S.K. Sharma	Industrialist	Member
5	Shri Akshay Raj	Teaching (Asstt. Professor-ECE)	Vice President
6	Shri Vaibhav Sharma	Teaching (Asstt. Professor-ECE)	Convenor
7	Shri Sandeep Verma	Non-Teaching (Research Scholar)	Coordinator
8	Dr. R.S. Parmar	Teaching (Professor- Chemistry)	Member
9	Dr. Neha Saxena	Teaching (Asstt. Professor-Chemistry)	Member
10	Shri Ankur Kumar Gupta	Teaching (Asstt. Professor)	Member
11	Shri Israr Alam	External Expert (Alumni Entreprenuer)	Member
12	Ms. Poonam Talukdar	External Expert (Alumni Entreprenuer)	Member
13	Shri Vikas Chauhan	Teaching (Asstt. Professor)	Member
14	Shri Sarnam Singh	Non-Teaching (Asstt. Registrar)	Member
15	Ms. Pooja	External Expert (IPR Agent)	Member
16	Ms. Vaishali Dhiman	External Expert (IPR Agent)	Member
17	Ms. Dipika	External Expert (IPR Agent)	Member
18	Shri Abhishek Gupta	Student Representative (Innovation)	Member
19	Shri Nischal Anand	Student Representative (Startup)	Member
20	Shri Saba Karim	Student Representative (Internship)	Member
21	Ms. Rakhi Pundir	Student Representative (IPR)	Member
22	Shri Mohd. Bilal	Student Representative (Social Media)	Member

- **Nomination of Students for MHRD - IIC – IIMTU**

Sl.No.	Name	Course/Sem.
	Recommended by Dean:	
1	Navodit Sachdeva	MCA/I
2	Nikita	BSC(CS)/III
1	Dhriti Anand	BSC (PSM)/ SEM 3
2	Sahiba Naqvi	BSC (PSM)/ SEM 3
1	Mahima Rajput	B.Sc. Nursing 2nd year
2	Rohit Sharma	B.Sc. Nursing 3 rd year
1	Mani agarwal,	B pharm 3rd yr,
2	Adheesh Bhardwaj	B. PHARMA 3rd Sem.
1	Kishan Kumar Dube	HM
2	Sanskar	HM
1	Anukriti Gairola	B.Sc. (Hons.) AG. Sem III
2	Bhavya Chauhan	B.Sc. (Hons.) AG. Sem V
1	1.Muskan Sinha	B. Sc. Ag. V Sem
2	2.Md. Belal Ahmad	B. Sc. Ag. V Sem
1	Abhiney Pundir	BTech CSE V Sem
2	Alok Sharma	BTech CSE III Sem
1	Urvashi Sharma	M.Sc. Microbiology/ III Sem
2	Divyansha Tyagi	M.Sc. Microbiology/ III Sem
1	Shanu	BNYS /3rd Year
2	Shaquib	BNYS /1st Year
1	Garima Khare	BJMC
2	Kezia Masih	BJMC
1	Komal	B.Ed. 1st Year
2	Heena	BPES 2nd year IV Sem.
	Recommended by Head:	
1	Surabhi	Physiotherapy
2	Ashish	Physiotherapy
1	Aarti Singh	MBA
2	Kritika Kukreja	MBA

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members - 22
- Total No. of IAs - 05
- Total No. of faculty **Mentors** **:20**

Faculty for MHRD - IIC - IIMTU

S.No	Name	Designation
1	Dr. Ankit Kumar Goyal	Assistant Professor
2	Dr. Kavita Chauhan	Assistant Professor
1	Dr. J. Revathi	Assistant Professor
2	DR.RHYTHM RAJVANSHI	Assistant Professor
1	Mr. Varun Toshniwal	HoD- Nursing
2	Mrs. Sunita Bhatt	Assistant Professor
1	Brijesh Kumar	Assistant Professor
2	Wasik Iqbal	Assistant Professor
1	Pratik Singh	Assistant Professor
2	Sadik Hussain	Assistant Professor
1	Aditya Dev Tyagi	Assistant Professor
2	Mayank Verma	Assistant Professor
1	Dr. Raj Kumar	Assistant Professor
2	Mr. Ajay Yadav	Assistant Professor
1	Dr.Abhishek Kumar	Assistant professor
2	Dr.Anant	Assistant professor
1	Ms. Mahima Arora	Assistant Professor
2	Mr. Akshay Kumar	Assistant Professor
1	Mr. Ankur Gupta	Assistant professor
2	Mr. Mohit Sharma	Assistant professor
1	Dr. Sarita Goswami	HOD
2	Mrs. Archana Sharma	Assistant Professor
1	Dr. Zia Abbas	Physiotherapy
2	Dr. Jaspreet	Physiotherapy

• **Pre-Incubation Units, If any**

List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 10000 Sq. Ft. Floor Area)

Srno.	Name of CoE Faculty	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details
1	IIMT CENTER OF ADVANCE TOOLS	2019	Innovation Labs	NITI AAYOG AIM	Facility Incharge Name- SANDEEP KUMAR VERMA Facility Incharge Email - sandeepiimtu @gmail.com Facility Incharge Phone- 967558 0856
2	IIMT BIF TECHNOLOGY BUSINESS INCUBATOR	2020	Pre-Incubation,Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre,Student Clubs	UNIVERSITY OWN FUND	Facility Incharge Name - AKSHAY RAJ Facility Incharge Email - akshay .raj@ii mtindia.net Facility Incharge Phone - 971904 9399
3	IIMT-CIIE	2020	Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	MSME	Facility Incharge Name- VAIBHAV SHARMA Facility Incharge Email - vaibha v@iimti Facility Incharge Phone- 789571 8470

List all the pre-incubation units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
IIMTU-BI	Incubation Unit	Multi-disciplinary	At all level	Both	0	0	0
IIMTU-BIF (TBI)	Incubation Unit	Manufacturing, agriculture, healthcare, clean-tech, energy, water and Internet of Things (IOT)	At all level	Technical	50	16	5
IIMTU-IPR	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Basic Science / Biotech / Micro - Biology / Zoology / Botany / Agriculture / Biochemistry / Pharmacy / Computer Science Application / Engineering / Technology / Law	At all level	Both	6	10	5
IIMTU-IIC	Pre-incubation unit	manufacturing, agriculture, healthcare, clean-tech, energy, water and Internet of Things (IOT)	At all level	Both	5000	40	12
IIMTU-EDC	Pre-incubation unit	New Business Development	At all level	Both	1200	5	2
IIMTU Start-Up Cell	Incubation Unit	manufacturing, agriculture, healthcare, clean-tech, energy, water and Internet of Things (IOT)	At all level	Both	10	6	2
National Knowledge Network, Nodal	Pre-incubatio	Multi-Disciplinary	At all level	Both	150	25	12

Centre	n unit						
Python Lab	Academic Department with lab facility	Computer Science Engineering	At all level	Technical	100	5	2
Full Stack Lab (HTML,CSS)	Academic Department with lab facility	Computer Science Engineering	At all level	Technical	100	25	2
NPTEL Value Added Courses Centre	Centre of Excellence with Advance Tools & Equipment	Multi-Disciplinary	At all level	Both	5000	100	12
Spoken Tutorial Skill Enhancement Courses Centre	Centre of Excellence with Advance Tools & Equipment	Multi-Disciplinary	UG / PG / PhD	Both	5000	300	50
Android Development Fundamental Lab	Centre of Excellence with Advance Tools & Equipment	Android Development	UG / PG / PhD	Technical	60	12	5
Communicable Disease Research Lab	Academic Department with lab facility	Micro-Biology / Pharmacy	UG / PG / PhD	Both	25	2	1
Bio Analytical Technical Lab	Academic Department with lab facility	Biotech	UG / PG / PhD	Non-Technical	45	5	1
Immunology Lab	Academic Departme	Pharmacy	UG / PG / PhD	Non-Technical	78	12	5

	nt with lab facility						
Molecular Biology Lab	Academic Department with lab facility	Medical Science	UG / PG / PhD	Non-Technical	48	14	5
Tissue Culture Lab	Academic Department with lab facility	Medical Science	UG / PG / PhD	Non-Technical	49	15	5
Bio-Informatics Lab	Academic Department with lab facility	Medical Science	UG / PG / PhD	Non-Technical	49	16	4
Surveying Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	60	15	8
Geotechnology and soil mechanics Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	60	15	5
Concrete Technology and Building Material Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	60	15	5
Transportation Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	60	15	5
Hydraulics Lab	Academic Department with	Mechanical Engineering	UG / PG / PhD	Technical	60	15	5

	lab facility						
Structure Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	60	15	5
Heat and Mass Transfer Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	60	15	5
Thermodynamics Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	60	15	5
Centre for CAD CAM Design	Pre-incubation unit	Designing & Manufacturing	At all level	Both	100	10	2
Robotics Lab	Centre of Excellence with Advance Tools & Equipment	Robotics & Automation	At all level	Technical	600	15	5
Centre for Advances in Computer Sciences and Application	Academic Department with lab facility	Computer Science	UG / PG / PhD	Technical	400	45	10
Advanced Material Lab	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	60	10	4
VLSI and Embedded System Lab	Academic Department with lab facility	Electronics	UG / PG / PhD	Technical	45	5	1
Aviation Training	Academi	Aviation	UG / PG	Technic	0	15	1

	c Department with lab facility		/ PhD	al			
RESEARCH CENTER FOR MATERIAL CHARACTERIZATION	Pre-incubation unit	The scope of this Special Section is to provide an overview of current status, recent developments and research activities in the ?eld of materials characterization, with a ... This Special Section "Materials Characterization" in Advanced	At all level	Both	200	12	2
DYNAMICS LAB	Academic Department with lab facility	This laboratory provides suitable equipments and facilities to work on the dynamic strength and stability of soils by evaluating dynamic soil properties, index properties of soils and liquefaction resistance of soils	At all level	Both	45	5	2
ADVANCED IC ENGINE LAB	Pre-incubation unit	To study the cut model of four stroke petrol engines. APPARATUS:- Model of two stroke and four stroke petrol engine.	At all level	Both	50	5	2
ALTERNATIVE FUEL LAB	Pre-incubation unit	350	At all level	Technical	200	4	1
ADVANCED STRUCTURAL	Pre-incubatio	The Advanced Structural	At all level	Technical	50	5	2

ENGINEERING LAB	n unit	Engineering (ASE) Lab provides a unique focus for research and development in structural Engineering. The main objectives are to: Promote research in structural engineering and build relationships between the department Civil Engineering and industry in the fields of structural engineering and construction.					
CYBER SECURITY LAB	Pre-incubation unit	The Cyber Security Laboratory is a state-of- the-art, dedicated space in which students can safely engage in cyber related activities, including malware detection and deactivation, and penetration testing, in a contained and controlled environment without possible impact to other campus networks.	At all level	Both	525	5	1
BUSINESS ANALYTICS LAB	Pre-incubation unit	MANAGEMENT AND ALL RELEATED STREAMS	At all level	Both	200	4	2
ARTIFICIAL INTELIGENCE LAB	Pre-incubation unit	ENGINEERING AND TECHNOLOGY,	At all level	Both	50	1	1

		AI AND ML					
LANGUAGE LAB	Pre-incubation unit	LINGUSTIC AND PHONETICS	At all level	Both	60	2	1
CLOUD COMPUTING LAB	Pre-incubation unit	CLOUD COMPUTING, DATABASE MANAGEMENT USING CLOUD	At all level	Technical	100	2	1
IOT AND ROBOTIC PROCESS LAB	Pre-incubation unit	IOT, ROBOTICS	At all level	Both	80	2	2
IIMTU- TRAINING CELL	Industry Institute Interface Unit	INDUSTRY INSTITUTE INTERFACE UNIT	At all level	Both	1500	12	2
IIMTU Center For Research Planning And Development	Research Unit / Park	RESEARCH AND DEVELOPMENT	At all level	Both	225	5	2
Innovation And Design Center	Pre-incubation unit	Design Thinking And Critical Thinking	At all level	Both	400	8	1
Center for Skill Development and Entrepreneurship	Incubation Unit	INNOVATION AND INCUBATION	At all level	Both	2000	25	15
Solar Energy Harnessing Center	Centre of Excellence with Advance Tools & Equipment	Solar Energy Center For Testing Photo Voltaic Units	At all level	Technical	400	5	3
IIMTU CRIC	Industry Institute Interface Unit	Industry Interface Unit	At all level	Both	250	15	2
DIGITAL IMAGE PROCESSING LAB	Pre-incubation unit	ELECTRONICS AND COMMUNICATION	At all level	Technical	15	1	1
PROGRAMMING AND WEB DESIGNING LAB	Pre-incubation unit	COMPUTER SCIENCE AND ENGINEERING	At all level	Both	150	10	4
ISRO-IIMTU Remote Sensing and Satellite Communication Nodal Center	Pre-incubation unit	Remote Sensing and Satellite Communication	At all level	Both	100	5	2

Radar and Antenna Lab	Academic Department with lab facility	Electronics And Communication	At all level	Both	15	2	1
Pcb And Prototyping Lab	Pre-incubation unit	Electronics and Communication	At all level	Technical	25	2	1
Microcontroller And Microprocessor Lab	Academic Department with lab facility	Electronics And Communication	At all level	Technical	25	1	1
Electrical Design, Drawing And Estimating Lab	Pre-incubation unit	Electrical And Electronics	At all level	Technical	20	2	1
Instrument And Process Control Lab	Academic Department with lab facility	Electrical And Electronics	At all level	Technical	20	1	1
Civil Engineering	Academic Department with lab facility	Civil Engineering	At all level	Technical	38	18	4
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	At all level	Both	92	29	10
Computer Science And Engineering	Academic Department with lab facility	Computer Science And Engineering	At all level	Technical	88	18	8
Computer Science And Application	Academic Department with lab facility	Computer Science And Application	At all level	Both	135	32	12
Journalism And	Academi	Journalism And	At all	Non-	62	13	4

Mass Communication	c Department with lab facility	Mass Communication	level	Technical			
Biotech And Microbiology	Academic Department with lab facility	Biotech And Microbiology, Zoology, Botany And Biochemistry	At all level	Non-Technical	165	21	4
Basic Sciences	Academic Department with lab facility	Chemistry, Physics, Maths And Statistics	At all level	Non-Technical	82	24	4
Commerce And Management	Academic Department with lab facility	Commerce And Management	At all level	Non-Technical	250	45	6
Pharmacy	Academic Department with lab facility	Pharmaceutics And Pharmaceutical Chemistry	At all level	Non-Technical	188	25	8
Allied Medical Sciences	Academic Department with lab facility	Physiotherapy And Optometry	At all level	Non-Technical	127	19	6
Agriculture	Academic Department with lab facility	Agriculturual And Related Streams	UG / PG / PhD	Technical	38	8	5
Hotel Management And Catering Technology	Academic Department with lab facility	Hotel Management And Catering Technology,Home Sciences,Food Nutrition And Preservation ,Dietitics	At all level	Non-Technical	82	23	6

Fab Lab	Research Unit / Park	Multi-Disciplinary	At all level	Technical	24	5	23
Workshop	Academic Department with lab facility	Multi-Disciplinary	At all level	Both	456	5	7
Environment Engineering Lab	Centre of Excellence with Advance Tools & Equipment	Multi-Disciplinary	At all level	Technical	32	4	2
Rac Lab	Academic Department with lab facility	All	UG / PG / PhD	Both	54	2	2
Sensor And Instrumentation Lab	Incubation Unit	Multi-Disciplinary	At all level	Both	450	2	2
Automobile Engineering Lab	Academic Department with lab facility	23	At all level	Both	232	2	3
Optical Fiber Communication	Academic Department with lab facility	Multi-Disciplinary	At all level	Both	540	3	2
Optical Fiber Communication	Industry Institute Interface Unit	Multi-Disciplinary	At all level	Both	45	2	1

IIMTU Business Incubator Foundation and Centre for Innovation , Incubation and Entrepreneurship, www.iimtciie.com

IIMT - Business Incubator Foundation, IIMTU, MEERUT

IIMT University has set up a Business Incubator, <u>IIMT-Business Incubator Foundation (registered under section 8 of Company Act 2013, a non profitable entity for the promotion of research, innovation, incubation and start-ups)</u> with on-campus pre-incubation and incubation facilities in the areas in which the expertise is available to guide the students and budding entrepreneurs, like, Engineering and Technology, Bio-technology , Pharmaceuticals, Information Technology , Nano-technology , Polymers , food Processing , Herbal Medicines , Agriculture , health sciences, water purification etc.

1. Technically supported by PUM with the association of an senior international expert, Dr. Maud Van Den Meiracker from Netherland, who trains the staff of Business Incubator oftenly by visiting the BI for regular upgradation leading it towards a successful BI stepwise.

2. BI - IIMTU is already in association with TBI-IIT (Ropar) for technology transfer and technical guidance,

   The IIMTU-BI has past 5 years experience in incubating innovative ideas of students faculty & others in the field of Engineering & Technology, Computer Science & Application, Pharmacy, Applied Sciences, Health Science and many inter-disciplinary areas.

Areas of B.I.s are: (a) Projects on advanced technology in difference fields of engg. and technology. (b) Projects which have immense social values. (c) Projects related to industrial applications. (d) Projects related to human applications. (e) Projects related to innovation in Medical Science, pharmacy and health sciences (f) Projects related to herbal preparations / Medicines.

Our qualified and experienced faculties who have caliber to do research work of National / International level will be a tool to students to work on innovative projects. Here at IIMT University, we do have R&D Pool of experts in various fields of engineering and technology and Medical Sciences at IIMT University which may serve as mentors as well as counselor. Faculties of different science and engineering departments have developed new products as well as technologies in their Research and Consultancy Services offered by IIMT University: The staff and students of the institute have been offering different consultancy services to the nearby industries and firms in the form of module and website designing, maintenance and RnD.

SEED FUNDING AND OTHER PROVISIONS IN THE BUDGET-

The IIMTU has got provision of funds in Budget towards promoting & supporting innovation and entrepreneur development for students/ faculty/staff/start ups , fund is allocated for awareness/ training sessions; seed funding for early startups; for pre incubation & incubation facilities; innovation & IPR commercialization.

SUCCESS STORIES OF IIMT-U BUSINESS INCUBATOR AND RND CELL

1. **Sanjeevani – Drip level Indicating device, is filed for patent and granted.**

   The device is commercialized in different hospitals, the use of product was started from IIMT Lifeline Hospital itself. The device is used for continuous monitoring of the drip level and raises an alarm upon reaching a pre determined value so that it can be changed in time preventing the backflow of blood into drip bottle.

   2. Solar Tree- Design Patented

   4. Device for UP Power Corporation Ltd. to save the life of lineman while working on energized line.

IMPLEMENTATION OF NISP AS INSTITUTE INNOVATION AND START-UP POLICY:

IIMT UNIVERSITY has already formulated, approved and notified Institute Innovation and Start-up policy made against NISP. IIMTU has been allotted login credentials by MoE, AICTE for IISP updation. (portal may kindly be checked). https://iiciimtuniversity.godaddysites.com/

IIMTU has already complied all issued guidelines and notified it to its staff, faculty and students.

Provision of funding has also been given for IISP implementstion in the annual budget.

IIMTU has adopted NISP and formulated Innovation and Start-up policy by the committee constituted as per the guidelines of MoE.

- IP Facilitation Unit, If any: IPR Cell

IIMT- IPR CELL

The University, within very short period of inception, **has filed 19 IPRs in last 6 months** with Controller General of Patents, Designs & Trade Marks under Patent Act, 1970 out of which three patents have already been published. IIMT University has well drafted IPR policy.

S r n o	Name of Student Club	Type of Club	Year of Establ-ishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Idea Club -Pravaha	Idea Club	2020	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	18	SAHIBA NAQVI	sahibanaqvi06@gmail.com	7078032129
2	Innovation Club-Srijan	Innovation Club	2019	3D Printing	Incubation Unit,Innovation Labs	33	TABASUM KOUSAR	tabasumkth1999@gmail.com	6005013677
3	Startup Club Prarambha	Startup Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit,Incubation Unit,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR	20	SANDEEP KUMAR VERMA	sevenstariimt@gmail.com	9675580855

					Cell/Technology Transfer Centre				
4	USR Club -Hope	Idea Club	2020	Co-working Space,Work Stations	Innovation Labs	5		SHOVIK	shovik95@gmail.com	7063331582
5	Environmental Club -Sajag	Innovation Club	2019	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit	4		Sakshi	sakshi102@gmail.com	7895474742
6	Major Dhayanchand Club	Innovation Club	2019	Co-working Space	Innovation Labs	20		Suryansh Saxena	saxenasuryansh@gmail.com	9616194954
7	Events Club-Anukriti	Startup Club	2016	Co-working Space	Pre-Incubation Unit	12		Hritik Sharma	2118670010026@iimtuniversity.com	7895455454
8	Techno Club	Innovation Club	2019	Co-working Space,3D Printing	Pre-Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre	6		Rakhi Pundir	rakhipundir120802@gmail.com	9536088800

- Number and Different types of I&E and IPR activities Conducted (2019-2020)

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name
1	Workshop on IPR & How to identify it at its earliest stage	IPR	Workshop	Institute Lead Activity	IIC IIMT University
2	My Story - Innovator's Life & Crossroad- Motivational Speak - To be Share by Innovators	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT University
3	Innovationn Day Campaignn	Innovationn	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
4	INNOVATION WEEK	Innovationn	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
5	India First Leadership ip Talk Series	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
6	My Story- Entrepreneur's Life & Crossroadd – Motivational Speak - To be Share by Entrepreneurs	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
7	Field/Exposure Visit to Village/Society /School/Industry/ Market –Identity real Life Problem	Innovation	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
8	Organise One Day Workshop on Problem Solving/Design Thinking/Ideation Workshop/ Campus Hackathon etc.	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
9	Organise One Day Workshop on "Entrepreneurship and Innovation as Career Opportunity"	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY

10	Product Development Phases - Story Telling - (Innovators in Campus)	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
11	Organise a Product Design/ Design Thinking Workshop at Campus	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
12	Organise a workshop /Seminar/ Call for Paper presentation on Innovation/Social Innovation & Entrepreneurship	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
13	Workshop on National Innovation and Start-up Policy (NISP)	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
14	Demo Day – Exhibition Cum Demo for PoCs & Mentorship Session for Innovators (or) Student Entrepreneurs	Entrepreneurship/ Startup	Demo Day	Institute Lead Activity	IIC IIMT UNIVER SITY
15	Field/Exposure Visit to Design Centre/Makers' Space/Fab Lab/Prototype Lab/Tinkering Lab etc	Innovation	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
16	Engage Students for Internship at Innovation, Start- up Centre/Start-ups/Incubation Unit etc. during Semester Break (Duration may vary from minimum 15 day to 2 months or during entire semester break	Innovation	Training	Institute Lead Activity	IIC IIMT UNIVER SITY
17	FIELD VISIT	Entrepreneurship/ Startup	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
18	National Innovation and Startup Policy for Students and Faculty 2019	Innovation	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
19	Role of Network Enablers in driving I&E in HEIs - A Case of TiE, India	Innovation	Seminar	Institute Lead Activity	IIC IIMT UNIVER SITY
20	Hangout with Successful Startup Founder and Learn on Design thinking Approach for Hardware	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY

	Innovation				
21	Entrepreneurship, Business Idea and Business Model Canvas	Entrepreneurship/ Startup	B-Plan Competitions	Institute Lead Activity	IIC IIMT UNIVER SITY
22	How to Identify Right Problem and Solution using the Double Diamond Approach in Design	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
23	Understanding Role and Application of Marketing Research at Idea to Startup Stage - Foundation Level	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
24	Innovation Risk Diagnostic c: Product Innovation Rubric (PIR)	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
25	Use of Market Data and Application of Marketing Research Tools and Methodology - Advance Level	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
26	Use of Market Data and Application of Marketing Research Tools and Methodology - Advance Level	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
27	Frugal Innovation and Social Entrepreneurship	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
28	Interaction with Student Innovators and Entrepreneurs Emerged from Smart India Hackathon (SIH)	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
29	Leadership Talk	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
30	Leadership Talk	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
31	Innovating g Self- Screen and Identify right opportunities	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
32	Session on Accelerator/Incubation - Opportunity for Student Faculty - Early Stage Entrepreneurs	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
33	Idea Submission in Smart		Hackathon	Institute	MIC

	India Hackathon 2020	Innovation		Lead Activity	
34	Understanding Angel and Venture Capital Funding - What is there for Early Stage Innovator & Entrepreneurs	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
35	Science Day	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
36	Field/Exposure Visit to Incubation Unit/Patent Facilitations Centre/Technology y Transfer Centre	Entrepreneurship/ Startup	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
37	Impact Lecture Series- Lecture I	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
38	Organise Workshop on Business Model Canvas (BMC) and (or) Business Plan Competition on to Invite Innovative e Business Models from Students	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
39	Impact Lecture Series- Lecture 2	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
40	Idea Submission on for the Launch of 5G hackathon by Department of Telecommunications	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNNIVE RSITY
41	Organise One day Session on "How to plan for Start-up and legal and Ethical Steps"	Innovation	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
42	Organise One/half day Interactive e/online Session/ Mentoring g Session "Hangout with Successful ul Start- ups" (Entrepreneurs in Campus)	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
43	Organise One Day Awareness/Mentoring Session on IPR & IP Management for Innovation and Start-ups or Online Session on	IPR	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY

	Intellectual Property (IP) Management at Early Stage of Innovation and Start-ups				
44	Leadership talk on process of Innovation development	Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
45	Workshop on design thinking, critical thinking and innovative design	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
46	Virtual summit on the role of IPR, Innovation and Entrepreneurship	IPR, Entrepreneurship/ Startup, Innovation	Seminar	Institute Lead Activity	IIC IIMT UNIVER SITY
47	workshop on prototype / process Design and Development prototyping	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
48	Visit to Patent Facilitation Centre	IPR	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
49	Field/ exposure visit to Technology Transfer centre	IPR, Entrepreneurship/ Startup	Exposure visit	Institute Lead Activity	IIC IIMT UNIERSITY
50	Interactive mentoring g session-1 with successful start- up founder alumni (Entrepreneurs in campus)	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
51	Interactive e mentoring session-2 with successful start- up founder alumni(Entrepreneurs in campus)	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
52	Interactive mentoring session-3 with successful start- up founder	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
53	Interactive mentoring session-4 with successful start- up woman founder (Entrepreneurs in campus)	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
54	Session on "How to plan for start-up: legal and ethical steps"	IPR	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
55	Business plan and prototype competition to invite innovative business models from students	Entrepreneurship/ Startup	B-Plan Competitions	Institute Lead Activity	IIC IIMT UNIVER SITY

56	workshop on business model canvas	Entrepreneurship/ Startup	B-Plan Competition	Institute Lead Activity	IIC IIMT UNIVER SITY
57	Ambient technologies: state of art, challenges and future directions	Innovation	Ideation	Institute Lead Activity	IIC IIMT UNIVER SITY
58	Workshop on entrepreneurship development phases	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
59	Session on identifying Intellectual property component at the early stage of Innovation	IPR	Orientation Session	Institute Lead Activity	IIC IIMT UNIVER SITY
60	online business plan contest	Entrepreneurship/ Startup	B-Plan Competitions	Institute Lead Activity	IIC IIMT UNIVER SITY
61	Awareness session : Renewable Energy sources for rural empowerment	Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
62	Panel discussion on Aatmaanirbhar Bharat	Innovation	Seminar	Institute Lead Activity	IIC IIMT UNIVER SITY
63	Awareness session on MSME/ DST/ GE schemes and IPR policies	IPR, Entrepreneurship/ Startup	Orientation Session	Institute Lead Activity	IIC IIMT UNIVER SITY
64	Entrepreneurship Awareness programme	Entrepreneurship/ Startup	Orientation Session	Institute Lead Activity	IIC IIMT UNIVER SITY
65	Entrepreneurship training program me: Agriculture protection System	Entrepreneurship/ Startup	Boot camp	Institute Lead Activity	IIC IIMT UNIVER SITY
66	Arduino modules for IOT based applications: workshop	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
67	Technological Innovations for a Sustainable World	Innovation	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
68	Challenges and issues in domain name disputes	IPR	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
69	International Treaties on IPR- a snap shot to strategize international filings	IPR	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
70	Anatomy of a patent: webinar	IPR	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
71	Patent Filing Procedures:	IPR	Workshop	Institute	IIC IIMT

				Lead Activity	UNIVER SITY
	workshop				
72	Hands on Training on Patent Prior Art Searches	IPR	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
73	Online programme on research training	IPR	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
74	Awareness Program me on National Energy Conservation Day	Entrepreneurship/ Startup, Innovation	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
75	workshop on basics of IPR for beginner s (IPR chair- IIT-R)	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
76	workshop on Intellectual property creation and basic rights (IPR Cell-IIMTU)	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
77	Hangout with successful Entrepreneur/ startup founder (IIC,MoE)	Entrepreneurship/ Startup	Exposure visit	Institute Lead Activity	IIC IIMT UNIVER SITY
78	How to identify right problem and solution using double diamond approach in design	Entrepreneurship/ Startup, Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
79	Intellectual al property management at early stage of Innovation and start-up	IPR	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
80	Understanding Angel and Venture capital funding	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
81	Legal and Ethical steps-productive entrepreneurship and start-up	IPR, Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
82	Innovating g self- screen and identify right opportunities	Entrepreneurship/ Startup, Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
83	Role and application n of marketing research at idea to start up stage-foundation level	Entrepreneurship/ Startup, Innovation	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
84	Innovation risk diagnostic c de Product Innovation rubric	Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
85	Frugal Innovations and social entrepreneurship	Entrepreneurship/ Startup, Innovation	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY

86	Use of market data and application of marketing research tools and methodology	Entrepreneurship/ Startup	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
87	Interactionn with student innovators and entrepreneurs emerged from smart India Hackathon (SIH)	Entrepreneurship/ Startup, Innovation	Motivational speak	Institute Lead Activity	IIC IIMT UNIVER SITY
88	Faculty (development program me on Research methodology and statistical analysis	IPR, Innovation	Skill development	Institute Lead Activity	IIC IIMT UNIVER SITY
89	Workshop on project management	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
90	Learning pedagogy and amp: effective use of case methodology: workshop	Innovation	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
91	workshop on UP start-up schemes and entrepreneurship	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
92	Training on Entrepreneurship (development and how to draft business plan	Entrepreneurship/ Startup	Training	Institute Lead Activity	IIC IIMT UNIVER SITY
93	Session on Technology transfer in Food processing sector	IPR	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
94	How to set up food business and food processing unit	Entrepreneurship/ Startup, Innovation	Mentoring Session	Institute Lead Activity	IIC IIMT UNIVER SITY
95	Impact of interdisciplinary research in drug discovery and development	IPR, Entrepreneurship/ Startup, Innovation	Seminar	Institute Lead Activity	IIC IIMT UNIVER SITY
96	Pharmaceutical patent drafting: a workshop	IPR	Workshop	Institute Lead Activity	IIC IIMT UNIVER SITY
97	Entrepreneurship Development program me in management and commerce	Entrepreneurship/ Startup	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY
98	Advancement and strategies on Nano drug delivery system	Innovation	Ideation	Institute Lead Activity	IIC IIMT UNIVER SITY
99	Best Practices in Innovation, IPR and patents in pharma	IPR, Entrepreneurship/ Startup, Innovation	Awareness	Institute Lead Activity	IIC IIMT UNIVER SITY

100	Machine learning and its practical approach	Innovation		Awareness	Institute Lead Activity	IIC IIMT UNIVERSITY
101	seminar on emerging applications on smart materials	Innovation		Seminar	Institute Lead Activity	IIC IIMT UNIVERSITY
102	workshop on IP management for start-ups	IPR, Entrepreneurship/ Startup		Workshop	Institute Lead Activity	IIC IIMT UNIVERSITY

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period

Sr no	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/ Centre/Unit Name	Level of Course	Program Duration(in Days)
1	Entrepreneurship Development	Entrepreneurship/ Startup	Full time Program	Bachelor	School of Commerce and Management	155
2	Entrepreneurship	Entrepreneurship/ Startup	Full time Program	Bachelor	School of Commerce and Management	344
3	IPR development	IPR, Innovation	Full time Program	Bachelor	School of Law	121
4	E-Business	Entrepreneurship/ Startup	Elective/ Core Credit Course	Bachelor	University - NPTEL Local Chapter	111
5	Project Management for Managers	Entrepreneurship/ Startup	Elective/ Core Credit Course	Bachelor	University - NPTEL Local Chapter	111
6	Intellectual Property Rights and Competition Law	IPR	Elective/ Core Credit Course	Master	COLLEGE OF LAW	59
7	Patent Search for Engineers and Lawyers	IPR	Short term Course	Master	University - NPTEL Local Chapter	63

8	Practitioners Course in Descriptive Predictive And Prescriptive Analytics	IPR	Short term Course	Short Term Certificate Course	University - NPTEL Local Chapter	63
9	Innovation Business Models and Entrepreneurship	IPR, Entrepreneurship/ Startup, Innovation	Short term Course	Bachelor	University - SWAYAM NPTEL Local Chapter	124
10	System Design for Sustainability Methods for Boundary Value Problem	Innovation	Short term Course	Bachelor	NPTEL-SWAYAM LOCAL CHAPTER	111
11	Text Textuality and Digital Media	Innovation	Short term Course	Master	SWAYAM LOCAL CHAPTER	111
12	Patent Law for Engineers And Scientists	IPR	Elective/ Core Credit Course	Bachelor	UNIVERSITY NPTEL LC	141
13	Inclusion and Technology Design	IPR	Short term Course	Bachelor	NPTEL LC	121
14	Designing Learner-Centric MOOCs	Innovation	Elective/ Core Credit Course	Bachelor	NPTEL LC	52
15	Drug Delivery Principles and Engineering	Innovation	Elective/ Core Credit Course	Bachelor	NPTEL LC	141
16	Understanding Design	IPR, Entrepreneurship/ Startup, Innovation	Short term Course	Bachelor	swayam	288
17	Design	Entrepreneurship/	Elective/	Bachelor	swayam	357

		Startup, Innovation	Core Credit Course			
	Technology and Innovation					
18	Product Design and Innovation	Innovation	Elective/ Core Credit Course	Bachelor	nptel	86
19	Electronics equipment integration and Prototype building	Innovation	Short term Course	Master	swayam lc	92
20	Understanding Design Thinking People Centred Design	Entrepreneurship/ Startup, Innovation	Short term Course	Short Term Certificate Course	NPTEL LC	154
21	Patent Drafting for Beginners	IPR	Short term Course	Short Term Certificate Course	SCHOOL OF LAW	134
22	Design Thinking A Primer	IPR, Entrepreneurship/ Startup	Elective/ Core Credit Course	Bachelor	SWAYA M LC	282
23	Roadmap for patent creation	IPR	Elective/ Core Credit Course	Bachelor	SCHOOL OF LAW	92
24	Entrepreneurship Essentials	Entrepreneurship/ Startup	Elective/ Core Credit Course	Bachelor	SCHOOL OF MANAGE MENT	381

- No. of student's &faculty ideas generated: 52
- No. of student's & faculty Innovation/prototypes developed

Sl.No.	IPR
1	Lineman Life Saving System
2	Sanjeevani – Drip Level Indicator
3	A process of Making of Corrugated Paper from Corn Husk.
4	Method for Managing & Controlling Temperature in AC Unit
5	Advance Water Purification using Noble Metals with real time Parameters Unit I.O.T.
6	Retro Fitting Air Pollution Bulwarking Device in Automobiles
7	Novel In AIAss/InGaAs/GaAssubtype-II nano heterostructure for optical fibre

Sl.No.		
	communication and a design	
8	Solar Tree Design Patent	
9	Drip Solution for Crops	
10	A System and Method to control the Elevator for High-Rise Buildings	

- No. of IPs generated, published and granted

Sl.No.	IPR	File No./ Patent no.	Status
1	Lineman Life Saving System	201611044704	published
2	Sanjeevani – Drip Level Indicator	201711031136/322585	granted
3	A process of Making of Corrugated Paper from Corn Husk.	201711011300	filed
4	Method for Managing & Controlling Temperature in AC Unit	202011047081	published
5	Advance Water Purification using Noble Metals with real time Parameters Unit I.O.T.	202011047093	published
6	Retro Fitting Air Pollution Bulwarking Device in Automobiles	202011042944	filed
7	Novel In AIAss/InGaAs/GaAssubtype-II nano heterostructure for optical fibre communication and a design	201911043917	filed
8	Solar Tree Design Patent	338946-001	granted
9	Drip Solution for Crops	202111005775	filed
10	A System and Method to control the Elevator for High-Rise Buildings	202111015493	filed
11	Rishi/ Trademark	4584066	granted
	Copyrights		
12	IIMTU-IISP		
13	IIMTU-IPR Policy		
14	To Develop Herbal Fast Card		
15	Z compressibility factor work		
16	IIMTU-RESEARCH PROMOTIONAL POLICY		
17	FACULTY SATISFACTION SURVEY-IIMTU		
18	STUDENT SATISFACTION SURVEY-IIMTU		
19	STUDENT FEEDBACK ANALYSIS-IIMTU		
20	NEP Implementation three step process.		

- No. of Student &Faculty Start-ups/Ventures established.

Startup Name	GSTN No./CIN No.	Type of Work	Founder Details
IIMT Media Pvt. Ltd	U22222UP2012PTC052151	Media & Networking	Mr. Mayank Agarwal
Star Technologies	09AADCI0643M1ZF	Hardware & Research	Shri Y. M. Gupta
Gravity Business Solution	09GVDPS0183K1Z4	Electronics & Electrical	Mr. Vaibhav Sharma
BSM Innovations	09AQBPV6924F1ZJ	Security & Research Based Product	Mr. Santosh Verma
Glamlite Inc.	09COOPK7677D1ZB	Lighting Product	Mr. Aditya
Supo Shop	AAU-0815 (LLP)	Novel Mobile Application for digitalized retailing	Mr Harbans Lal Arora
Destimal Business Ventures LLP	09AARFDO395E1Z8/ AAS-4182(LLP)	Electronics and services	Mr Akshay

- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus : 20 lacs
- Amount grant or fund supported to student &Faculty lead Innovations, start-ups and IPR: 2 lacs as seed fund per startup
- No. of Technology Transfer and Commercialisation happened: 02

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

[Profile of few faculties with 2-3 line of their achievements]

G. Highlight selected best Innovations & images with mention of inventor/innovation name

S T A R
TECHNOLOGIES

STAR TECHNOLOGIES

A START-UP OF IIMT-UNIVERSITY
Contact :
rnd@iimtindia.net
www.iimtu.com

INSTITUTION'S
INNOVATION
COUNCIL

Features

- Centralized data
- Real Time Data
- No Proxy Punching
- Encrypted records leading to no manipulation.
- Outstanding performance
- Enhanced latest BioID fingerprint recognition technology
- Make in India
- Cost effective

Variants :

STFM 01
User capacity -   3000 users
Log capacity   -   1,60,000
Communication -   TCP/ IP,USB
Battery Backup -   Yes
Access control -   Yes

STFM 02
User capacity   - 3000 users
Log capacity   - 1,60,000
Communication - TCP/IP,USB, Wifi
Battery back up - No
Access control - Yes

STFM 03
User capacity - 3000 users
Log Capacity - 1,60,000
Communication - USB
Battery backup - No
Access Control - No

STAR

INSTITUTION'S
INNOVATION
COUNCIL

IIMT UNIVERSITY
Contact :
rnd@iimtindia.net
www.iimtu.com

LINEMAN LIFE SAVING SYSTEM

(Patented & Published idea of
R&D Cell - IIMT-U)

Process

Step 1
Fault occurs in area A

Step 2
At substation , Password is entered to shut down power in area A

Step 3
Lineman goes for maintenance work and finishes work

Step 4
Lineman informs the substation authorities that his work is completed

Step 5
Substation authority feeds the password to power ON the line of area A

Step 6
OTP sent to lineman

Step 7
OTP entered at substation and powers ON Area A

Features of Lineman Life Saving System

- Avoids casualties of linemen while working on electric poles.
- Guarantees safety of lineman while on duty.
- Two tier password based security protection.
- IPR-Patent rights reserved
- Easy to operate

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

IIMT UNIVERSITY

Contact :
md@iimtindia.net
www.iimtu.com

MAKE IN INDIA

स्वच्छ भारत
एक कदम स्वच्छता की ओर

COMPOSTER - Turning Garbage
INTO COMPOST

FEATURES

- Capacity - 1 ton per day
- Suitable for 70 to 80 kg per batch
- Fully automatic machine with heating procedure
- Suitable for plastic compression
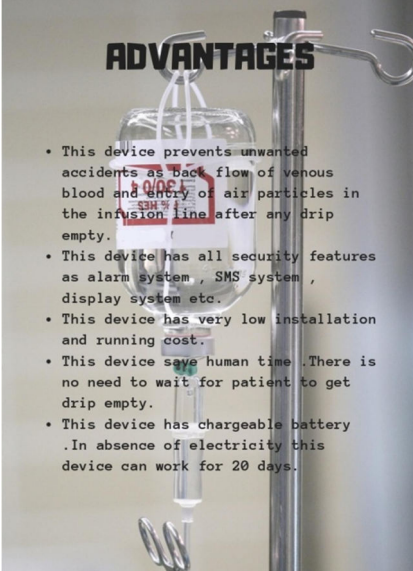- Fully Stainless steel body

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

IIMT UNIVERSITY

Contact :
md@iimtindia.net
www.iimtu.com

SANJEEVANI

SANJEEVANI - Drip Level Indicator

Brief Introduction :

Generally patients face many problems in hospital. When drip is provided to patient then we have to wait around 7 to 8 hrs until drip . Sometimes air particles enter in veins after drip empty. Patient can be in serious condition due to empty drip .This device provides wireless alarm when drip level reaches low from predetermined level. Simply we have to install this device on each bed. When any drip from any room reaches 5 to 8% then automatically alarm beeps in control room and shows room and bed number on mounted display. So easily attendant can replace bottle. There is no need to wait for bottle empty. This device has many advanced functions .After beeping alarm when no one reaches to patient within five minutes ,this device send a message to higher authority so that they can take action against employee.

ADVANTAGES

- This device prevents unwanted accidents as back flow of venous blood and entry of air particles in the infusion line after any drip empty.
- This device has all security features as alarm system , SMS system , display system etc.
- This device has very low installation and running cost.
- This device save human time .There is no need to wait for patient to get drip empty.
- This device has chargeable battery .In absence of electricity this device can work for 20 days.

IIMT UNIVERSITY

Sewage Water Treatment with Electricity Generation

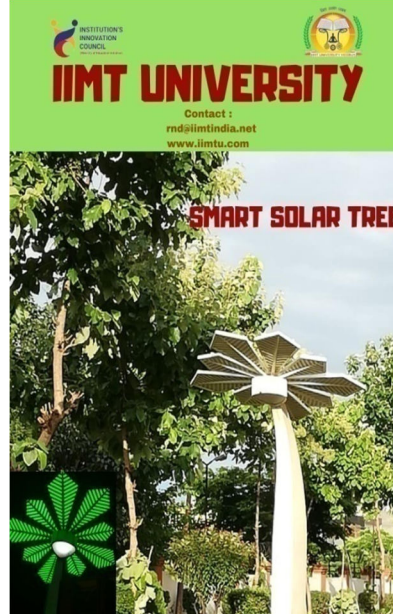Contact :
rnd@iimtindia.net
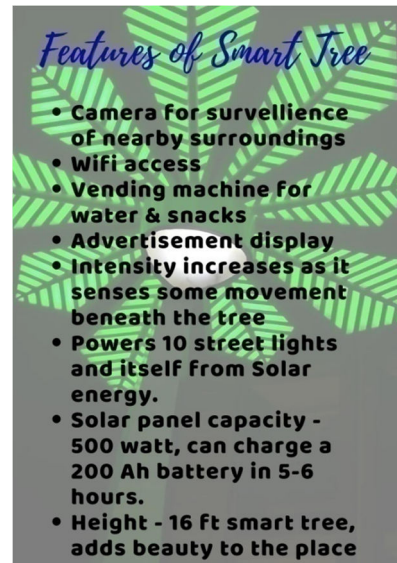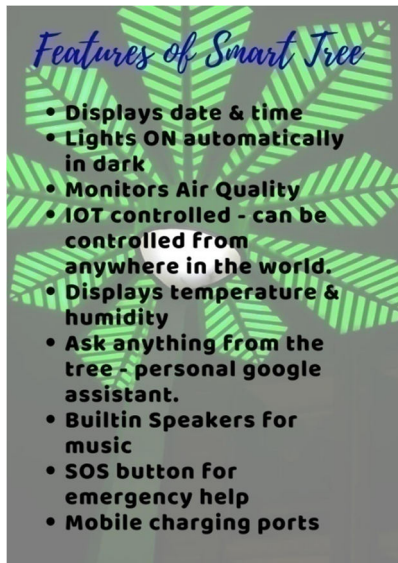www.iimtu.com

FEATURES OF THE PROJECT

- Converts sewage water into water fit for agricultural use
- Economical and requires less space
- Easy installation
- Green solution to domestic/industrial water disposal as it generates its own electricity

IIMT UNIVERSITY

Contact :
rnd@iimtindia.net
www.iimtu.com

SMART SOLAR TREE

Features of Smart Tree
- Displays date & time
- Lights ON automatically in dark
- Monitors Air Quality
- IOT controlled - can be controlled from anywhere in the world.
- Displays temperature & humidity
- Ask anything from the tree - personal google assistant.
- Builtin Speakers for music
- SOS button for emergency help
- Mobile charging ports

Features of Smart Tree
- Camera for survellience of nearby surroundings
- Wifi access
- Vending machine for water & snacks
- Advertisement display
- Intensity increases as it senses some movement beneath the tree
- Powers 10 street lights and itself from Solar energy.
- Solar panel capacity - 500 watt, can charge a 200 Ah battery in 5-6 hours.
- Height - 16 ft smart tree, adds beauty to the place

H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name

Startup Name	GSTN No./CIN No.	Type of Work	Founder Details
IIMT Media Pvt. Ltd	U22222UP2012PTC052151	Media & Networking	Mr. Mayank Agarwal
Star Technologies	09AADCI0643M1ZF	Hardware & Research	Shri Y. M. Gupta
Gravity Business Solution	09GVDPS0183K1Z4	Electronics & Electrical	Mr. Vaibhav Sharma
BSM Innovations	09AQBPV6924F1ZJ	Security & Research Based Product	Mr. Sant osh Verma
Glamlite Inc.	09COOPK7677D1ZB	Lighting Product	Mr. Aditya
Supo Shop	AAU-0815 (LLP)	Novel Mobile Application for digitalized retailing	Mr Harbans Lal Arora
Destimal Business Ventures LLP	09AARFDO395E1Z8/ AAS-4182(LLP)	Electronics and services	Mr Akshay

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

1. Sanjeevani – Drip level Indicating device, is filed for patent and granted.

The device is commercialized in different hospitals, the use of product was started from IIMT Lifeline Hospital itself. The device is used for continuous monitoring of the drip level and raises an alarm upon reaching a pre determined value so that it can be changed in time preventing the backflow of blood into drip bottle.

2. Solar Tree- Design Patented

3. Device for UP Power Corporation Ltd. to save the life of lineman while working on energized line.

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA – participation and Rank: result is awaited for 2019-2020.
- Implementation: - Trained Faculty and Policy Formulation are done, Policy Implementation is under process
- Smart India Hackathon etc.: 11 teams participated.

K. Detail of Social Media &Connections of IIC institute:

https://twitter.com/IIMT_U
https://www.facebook.com/IIMTU
https://www.instagram.com/iimtu.official/

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

Sr. No.	Name of Member	Testimonials
1	Dr. Deepa Sharma	IIC MoE is to be given credit of creating innovation ecosystem across the country.
2	Mr R.Sriniwas	The promotion of IPR awareness and tech transfer and other aspects of IPR by IIC MoE are praiseworthy.
3	Ms. Vaishali Dhiman	The promotion of IPR awareness and tech transfer and other aspects of IPR by IIC MoE are praiseworthy.
4	Ms. Dipika	The promotion of IPR awareness and tech transfer and other aspects of IPR by IIC MoE are praiseworthy.
5	Shri Abhishek Gupta	Various activities related to business plan competition, design thinking, toykathon, ideathon etc are of great importance to unearthed the innovative ideas of students
6	Shri Nischal Anand	Various activities related to business plan competition, design thinking, toykathon, ideathon etc are of great importance to unearthed the innovative ideas of students
7	Shri Saba Karim	Various activities related to business plan competition, design thinking, toykathon, ideathon etc are of great importance to unearthed the innovative ideas of students
8	Ms. Rakhi Pundir	Various activities related to business plan competition, design thinking, toykathon, ideathon etc are of great importance to unearthed the innovative ideas of students.
9	Shri Mohd. Bilal	Various activities related to business plan competition, design thinking, toykathon, ideathon etc are of great importance to unearthed the innovative ideas of students.

M. Images

Images of The second meeting of IIMTU-IIC dated 19th December 2020

Images of Third council meeting of Institution's Innovation Council (IIC), IIMT University, Meerut dated 23/06/2021:

IIMT BUSINESS INCUBATION CENTER

IIMT-BI-Block

02-Entrance (Reception)

Lobby Area of BI_GG

05-Incubator Director Office

06-Administrative Office

07-Fabrication Lab

Fabrication Lab

08-Pre-Incubation Facility-1

09-Pre-Incubation Facility-2

10-Pre-Incubation Unit-3

11. Way To Co-Working Area

11-Co-Working Area(1)

12-Co-Working Area (2)

13-Co-Working Area (Cabin)

14-Co-Working Space (Cabin)

15-Co-Working Space (Cabin)

16-Pantry Area

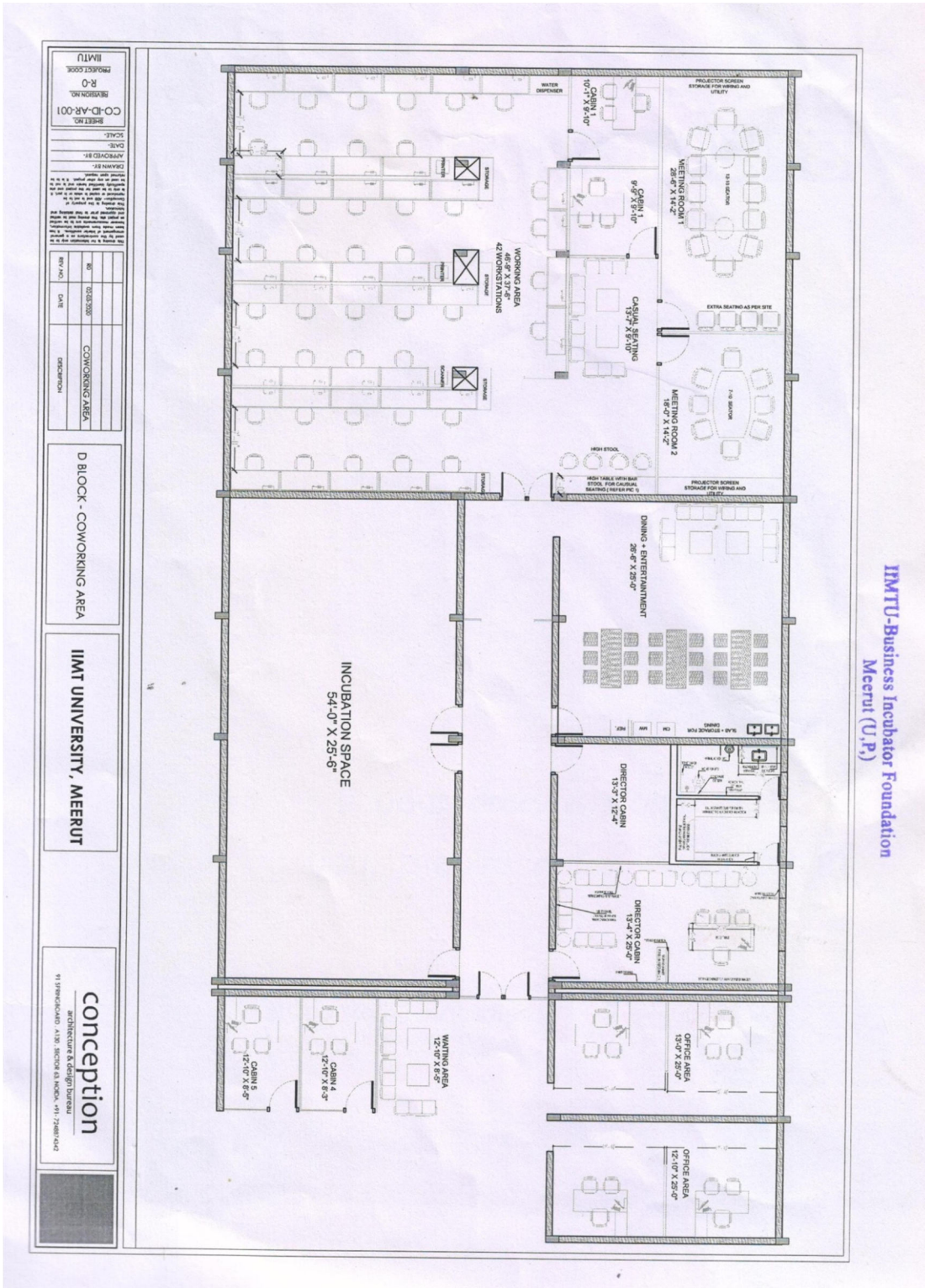17-Auditorium (LT-1)(60 seats)

18-Auditorium (LT-2) (120 seats)

19-Auditorium (SH) (400 seats)

20-Cafeteria

21-Conference Room

IIMTU-Business Incubator Foundation
Meerut (U.P.)

D BLOCK - COWORKING AREA

IIMT UNIVERSITY, MEERUT

conception
architecture & design bureau

PROJECT CODE: IIMTU
REVISION NO: R-0
SHEET NO: CO-ID-AR-001
SCALE:
DATE:
APPROVED BY:
DRAWN BY:

COWORKING AREA

WORKING AREA
48'-9" X 37'-6"
42 WORKSTATIONS

MEETING ROOM 1
26'-6" X 14'-2"

MEETING ROOM 2
16'-0" X 14'-2"

CABIN 1
9'-6" X 9'-10"

CABIN 1
10'-1" X 9'-10"

CASUAL SEATING
13'-7" X 9'-10"

DINING + ENTERTAINMENT
26'-6" X 25'-0"

INCUBATION SPACE
54'-0" X 25'-6"

DIRECTOR CABIN
13'-3" X 12'-4"

DIRECTOR CABIN
13'-4" X 25'-0"

OFFICE AREA
13'-0" X 25'-0"

OFFICE AREA
12'-10" X 25'-0"

WAITING AREA
12'-10" X 8'-5"

CABIN 4
12'-10" X 8'-5"

CABIN 5
12'-10" X 8'-5"

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