

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

Institute Name: Maharishi Markandeshwar [ARI-U-0168]

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

Srno	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)
1	BOSCH (Centre of Excellence)	Centre of Excellence with Advance Tools & Equipment	Technical	At all level	Technical	52	4	2
2	Department of Mechanical Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Published: A method of toughening of carbon jute hybrid composite with fish bone powder and there of,	UG / PG / PhD	Technical	1	2	0
3	Department of Mechanical Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Published: A DYNAMIC ELBOW GONIOMETER DEVICE,	UG / PG / PhD	Technical	0	1	0
4	Department of Mechanical Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Bundling and billing with inventory management Web Application,,	UG / PG / PhD	Technical	0	1	0
5	Department of Mechanical Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: An apparatus of static pneumatic orthosis,	UG / PG / PhD	Technical	0	1	0
6	NATIONAL INSTRUMENTS (Centre of Excellence)	Centre of Excellence with Advance Tools & Equipment	Electronics and Communication Engineering	At all level	Technical	30	13	6
7	TEXAS (Centre of Excellence)	Centre of Excellence with Advance Tools & Equipment	Electronics and Communication Engineering	At all level	Technical	30	13	6
8	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A herbal formulation for cigar, steam inhaler and lotion as preventive products against corona virus disease COVID-19	UG / PG / PhD	Technical	0	2	0

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9	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A herbal formulation as nutritional and food supplements to boost immunity as a preventive products against viral infections and corona virus disease.	UG / PG / PhD	Technical	0	5	0
10	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A Method for Formulated Herbal Drug to Control Aging and Age Related Diseases	UG / PG / PhD	Technical	0	3	0
11	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Single stranded nucleic acid aptamers developed against Yersinia enterocolitica and methods thereof	UG / PG / PhD	Technical	0	2	0
12	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A Novel HPLC Method for Detection of Ofloxacin and Cefexime in Combined Dosage Formulation	UG / PG / PhD	Technical	0	9	0
13	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A Novel HPLC Method for Detection of Ofloxacin and Ornidazole in Combined Dosage Formulation.	UG / PG / PhD	Technical	0	9	0
14	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Portable hand operated Foot Sanitizer dispenser stand.	UG / PG / PhD	Technical	0	11	0
15	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Wall mounted foot operated sanitizer dispenser	UG / PG / PhD	Technical	0	11	0
16	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Portable foot operated sanitizer dispenser stand with adjustable bottle container.	UG / PG / PhD	Technical	0	10	0
17	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Portable foot operated sanitizer dispenser stand with unique design of adjustable bottle container	UG / PG / PhD	Technical	0	10	0
18	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Published:: Crude Apitoxin Extractor	UG / PG / PhD	Technical	0	2	0

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19	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Published: The Internet of Things Based Smart Mattresses for Somnambulism (Sleepwalking) Patient	UG / PG / PhD	Technical	0	15	0
20	Department of Biotechnology	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Published: Wearable Child Monitoring Device with Inbuilt Heart Rate Measurement to Protect Falling into Abandoned Deep Bore Well	UG / PG / PhD	Technical	0	15	0
21	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Hybridization with deep learning techniques and data mining for advanced use of industrial sensor networks	UG / PG / PhD	Technical	0	1	0
22	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A system of four stage model for accurate Prediction of missing values in heart disease dataset	UG / PG / PhD	Technical	0	1	0
23	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analog/rf performance analysis of low-k side-wall spacer based inner gate engineered junctionless silicon nanotube fet	UG / PG / PhD	Technical	0	2	0
24	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Method and system for performing treatment of water in water reservoir	UG / PG / PhD	Technical	0	1	0
25	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Smart Garbage Monitoring System Using Iot Using Raspberry Pi With Pi Camera	UG / PG / PhD	Technical	1	1	0
26	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: An Optimized system for heart disease prediction by feature selection	UG / PG / PhD	Technical	0	1	0
27	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A System of Quality of Service Enabled (QOS) Join Minimum Loaded Queue (JMLQ) for Cloud Computing Environment	UG / PG / PhD	Technical	0	1	0
28	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: IOT Based Traffic Monitoring and Control System for Smart Ambulance	UG / PG / PhD	Technical	0	1	0

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29	Department of Computer Science and Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A System of Distributed Join Minimum Loaded Queue(JMLQ) for Load Balancing in Cloud Environment	UG / PG / PhD	Technical	1	1	0
30	SAP University Alliances Academic Educational Material Utilization Contract for Teaching Purpose	Centre of Excellence with Advance Tools & Equipment	Computer Science and Engineering	At all level	Technical	500	6	0
31	CISCO ACADEMY	Centre of Excellence with Advance Tools & Equipment	Computer Science and Engineering	At all level	Technical	0	2	0
32	UpGrad (Centre of Excellence)	Centre of Excellence with Advance Tools & Equipment	Computer Science and Engineering	UG / PG / PhD	Technical	0	2	0
33	MM(DU) Incubation Unit in Association with MSME	Incubation Unit	multidisciplinary	At all level	Both	42	5	0
34	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Mentor Proforma Template for Technical Institutions	UG / PG / PhD	Technical	0	4	0
35	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Continuous Mode Assessment Template for Technical Institutions	UG / PG / PhD	Technical	0	4	0
36	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Preliminary Phytochemical Screening Of Crude Drugs	UG / PG / PhD	Technical	0	5	0
37	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Determination of The Alcohol Content of Asava And Arista	UG / PG / PhD	Technical	0	5	0
38	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Evaluation of Excipients of Natural Origin	UG / PG / PhD	Technical	0	5	0
39	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Incorporation of Prepared and Standardized Extract in Cosmetic Formulations Like Creams, Lotions and Shampoos and Their Evaluations	UG / PG / PhD	Technical	0	5	0
40	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Incorporation of Prepared and Standardized Extract In Formulations Like Syrups, Mixtures and Tablets And Their Evaluation as Per Pharmacopoeial Requirements	UG / PG / PhD	Technical	0	5	0

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41	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Monograph Analysis of Herbal Drugs from Recent Pharmacopoeias	UG / PG / PhD	Technical	0	5	0
42	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Determination of Aldehyde Content in Lemon Oil	UG / PG / PhD	Technical	0	5	0
43	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Determination of Total Alkaloids of Cinchona Bark	UG / PG / PhD	Technical	0	5	0
44	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Monograph Analysis of Castor Oil	UG / PG / PhD	Technical	0	6	0
45	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Development of TLC Fingerprint of Plant Extract Of Ashwagandha Root	UG / PG / PhD	Technical	0	6	0
46	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Extraction of Crude Herbal Drug By Soxhet Method	UG / PG / PhD	Technical	0	6	0
47	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Phytochemical Screening Test for The Crude Extract of Sennna	UG / PG / PhD	Technical	0	8	0
48	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Ashwagandha And Termeric & their Formulation by Uv Vis Spectrophotometer	UG / PG / PhD	Technical	0	8	0
49	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Pharmacopoeial Compound I.E. Long Pepper Pipli & Their Formulation By UV Vis Spectrophotometer	UG / PG / PhD	Technical	0	5	0
50	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Recorded Spectra of Menthol	UG / PG / PhD	Technical	0	7	0
51	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Recordal Spectra of Critical	UG / PG / PhD	Technical	0	7	0
52	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Recorded Spectra of Carvone	UG / PG / PhD	Technical	0	7	0

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53	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Analysis of Recorded of Caffeine	UG / PG / PhD	Technical	0	7	0
54	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Development of TLC/HPLC Fingerprint of Plant Extract of Amla	UG / PG / PhD	Technical	0	8	0
55	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Development of TLC/HPLC Fingerprint of Plant Extract of Bael	UG / PG / PhD	Technical	0	8	0
56	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Formulate Hingwastak Churna Perform Its Standardization Test	UG / PG / PhD	Technical	0	7	0
57	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Development Of TLC/HPLC Fingerprint of Plant Extract of Black Pepper	UG / PG / PhD	Technical	0	8	0
58	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Phytochemical Screening Test for Crude Extract of Black Pepper	UG / PG / PhD	Technical	0	8	0
59	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Phytochemical Screening Test for Crude Extract of Black Pepper	UG / PG / PhD	Technical	0	8	0
60	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Perform Phytochemical Screening Test for Crude Extract of Termeric	UG / PG / PhD	Technical	0	8	0
61	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: To Formulate Ashwagandha Tablet And Perform Its Standardization	UG / PG / PhD	Technical	0	6	0
62	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Monograph Analysis Of Clove Oil	UG / PG / PhD	Technical	0	7	0
63	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Development Of TLC/HPTLC Fingerprint Of Plant Extract Of Turmeric	UG / PG / PhD	Technical	0	8	0
64	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Performa for the attainment of course outcomes for NBA accreditation	UG / PG / PhD	Technical	0	4	0

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65	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Lesson plan template for technical institutions	UG / PG / PhD	Technical	0	8	0
66	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Feedback performa to improve teaching and learning process of the program	UG / PG / PhD	Technical	0	7	0
67	APPLE	Academic Department with lab facility	Computer Application	At all level	Technical	344	19	3
68	MM Institute of Computer Technology and Business Management	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: An Optimized System for Heart Disease Prediction by Feature Selection	UG / PG / PhD	Technical	0	6	0
69	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Tactile Sensory Cube (design patent)	UG / PG / PhD	Non-Technical	0	4	0
70	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Cerebral Palsy Bed (design patent)	UG / PG / PhD	Technical	0	4	0
71	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: An apparatus of static pneumatic ankle foot orthosis (SPAFO)	UG / PG / PhD	Technical	0	4	0
72	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: A Dynamic Elbow Goniometer Device	UG / PG / PhD	Technical	0	2	0
73	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Kakoli's Comprehensive Weekly Rehabilitation Protocol for Plantar Fascitis Treatment	UG / PG / PhD	Non-Technical	0	2	0
74	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Rural community Awareness, Challenges and Strategies assessing Questionnaire against Coronavirus Disease 2019 (RACSQ COVID19)	UG / PG / PhD	Non-Technical	0	4	0
75	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Physiotherapy Protocol in Diabetic Peripheral Neuropathy (PT-DPN)	UG / PG / PhD	Non-Technical	0	2	0
76	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Pediatric Burn Rehabilitation Practices - Questionnaire (PBR-P-Q)	UG / PG / PhD	Non-Technical	0	3	0

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77	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: NAK's Protocol for upper limb rehabilitation among patients with sub acute stroke	UG / PG / PhD	Non-Technical	0	3	0
78	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: A-BSGT: Adarsh's Brain stimulation and group therapy for Parkinson's disease on Balance and Quality of Life	UG / PG / PhD	Non-Technical	0	2	0
79	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Rahi's Protocol for Hand Rehabilitation (RPHR) In Patients With Stroke For Improving Hand Function	UG / PG / PhD	Non-Technical	0	2	0
80	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: NA-Institution based rehabilitation protocol to improve quality of life in patients with Parkinson's disease (NA-IRQOL-PD)	UG / PG / PhD	Non-Technical	0	2	0
81	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Pediatric core stabilization exercises (P-CSE-P)	UG / PG / PhD	Non-Technical	0	3	0
82	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Preemies' Neuro-motor facilitation (PNMF) Protocol	UG / PG / PhD	Non-Technical	0	1	0
83	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Neha's Rehabilitation protocol for Head and neck cancer (N-RPHNC)	UG / PG / PhD	Non-Technical	0	2	0
84	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Neha's-Sonophoresis and mandibular exercises (N-SME) For Head and Neck cancer	UG / PG / PhD	Non-Technical	0	2	0
85	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Adarsh's-Dual tasking and virtual reality protocol (A-DTVRP) to improve balance and gait in patients with Parkinson's disease	UG / PG / PhD	Non-Technical	0	2	0
86	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Calcaneal taping in stroke survivors	UG / PG / PhD	Non-Technical	0	1	0
87	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Manisha's kinesiotape (M-KT) application protocol for patients with mechanical sacroiliac joint dysfunction	UG / PG / PhD	Non-Technical	0	2	0

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88	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Lesson Plan of Maharishi Markandeshwar Institute of Physiotherapy and Rehabilitation	UG / PG / PhD	Non-Technical	0	3	0
89	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Maharishi Markandeshwar MPT Dissertation Evaluation Format	UG / PG / PhD	Non-Technical	0	2	0
90	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Neha's-Physiotherapeutic Intervention for Neonatal Jaundice (N-PINJ)	UG / PG / PhD	Non-Technical	0	3	0
91	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Grading of Single heel-rise test in pediatric population	UG / PG / PhD	Non-Technical	0	1	0
92	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Maharishi Markndeshwar total knee arthroplasty rehabilitation protocol	UG / PG / PhD	Non-Technical	0	1	0
93	MM Institute of Medical Science and Research	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Novel Whole Body Sensor Operated Sanitizer Tunnel	UG / PG / PhD	Non-Technical	0	5	0
94	Multidisciplinary	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Mechanism for Detection and Prevention of Water and Mud Inrush in Underground Construction Using Spatial Analysis	UG / PG / PhD	Both	0	8	0
95	MM College of Nursing	Academic Department with lab facility	www.childhealthnursingmmu.moodlecloud.com	At all level	Non-Technical	0	1	0
96	MM College of Nursing	Academic Department with lab facility	Submitted: https://digieduworld.moodlecloud.com	At all level	Non-Technical	0	1	0
97	Multidisciplinary	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Collaborative federative learning approach for internet of vehicle traffic prediction	UG / PG / PhD	Both	0	10	0
98	Multidisciplinary	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Submitted: Multistage sheet bulk metal deformation process using digital image system	UG / PG / PhD	Both	0	10	0
99	Multidisciplinary	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Surface Engineered corrosion free and antibacterial bio implants	UG / PG / PhD	Both	0	10	0

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100	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Bishaka's treatment protocol for patients with grade 1 and 2 Anterolisthesis (B-PPA-g-1&2)	UG / PG / PhD	Non-Technical	0	2	0
101	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Physiotherapy Rehabilitation Protocol for Postoperative Lower Segment Caesarean Section (PRPPL)	UG / PG / PhD	Non-Technical	0	1	0
102	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Exercise protocol for young skaters	UG / PG / PhD	Non-Technical	0	2	0
103	MM Institute of Physiotherapy and Rehabilitation	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Sarita's - Sensory Re-education Protocol (S-SRP) to improve sensory function in patients with diabetic neuropathy	UG / PG / PhD	Non-Technical	0	2	0
104	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Modified Clevenger apparatus (Design patent)	UG / PG / PhD	Technical	0	6	0
105	MM College of Pharmacy	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Awarded: Condenser (Design patent)	UG / PG / PhD	Technical	0	3	0
106	MM College of Pharmacy	Research Unit / Park	DEVELOPMENT AND IN-VITRO EVALUATION OF SUSTAINED RELEASE PELLETS OF ATEORVASTATIN SODIUM USING DIFFERENT POLYMERS	UG / PG / PhD	Technical	0	1	0
107	MM College of Pharmacy	Research Unit / Park	ENHANCEMENT OF STABILITY AND BIOAVAILABILITY OF NANADROLONE DECANOATE 25MG	UG / PG / PhD	Technical	0	1	0
108	MM College of Pharmacy	Research Unit / Park	ENHANCEMENT OF STABILITY OF RABIPRAZOLE INJECTION	UG / PG / PhD	Technical	0	1	0
109	MM College of Pharmacy	Research Unit / Park	SOLUBILITY AND DISSOLUTION ENHANCEMENT OF TWO COMBINE DRUGS CEFIXIME AND OFLOXACIN AND ITS DOSAGE FORM	UG / PG / PhD	Technical	0	1	0

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110	MM College of Pharmacy	Research Unit / Park	SOLUBILITY AND DISSOLUTION ENHANCEMENT OF TWO COMBINE DRUGS NAPROXEN AND DOMPERIDONE AND ITS DOSAGE FORM	UG / PG / PhD	Technical	0	1	0
111	MM College of Pharmacy	Research Unit / Park	SOLUBILITY AND DISSOLUTION ENHANCEMENT OF FLUCONAZOLE DRUG A ITS DOSAGE FORM	UG / PG / PhD	Technical	0	1	0
112	MM College of Pharmacy	Research Unit / Park	TO STUDY THE EFFICACY OF BILATERAL TYPE 1 TYMPANOPLASTY DONE IN SINGLE SITTING	UG / PG / PhD	Technical	0	2	0
113	MM College of Pharmacy	Research Unit / Park	EFFECT OF SEPTOPLASTY ON EUSTACHIAN TUBE AND MIDDLE EAR FUNCTIONS	UG / PG / PhD	Technical	0	2	0
114	MM College of Pharmacy	Research Unit / Park	SYNTHESIS OF NSAIDS- ANTIOXIDANTS CONJUGATES AS SAFER NSAIDS	UG / PG / PhD	Technical	0	1	0
115	Department of Biochemistry	Research Unit / Park	ASSESSMENT OF SERUM VITAMIN D IN PATIENTS WITH TYPE 2 DIABETES MELLITUS.	UG / PG / PhD	Technical	0	2	0
116	MM College of Pharmacy	Research Unit / Park	BILAYER FUNCTIONALIZED SCAFFOLD FOR PERIPHERAL NERVE AND GUIDED MOTOR NEURON REGENERATION	UG / PG / PhD	Technical	0	1	0
117	MM College of Pharmacy	Research Unit / Park	FORMULATION AND EVALUATION OF FAST DISSOLVING TABLET OF FEBUXOTAT USING CO PROCESSED EXCIPIENTS	UG / PG / PhD	Technical	0	1	0
118	MM College of Pharmacy	Research Unit / Park	ENHANCEMENT OF STABILITY AND BIOAVAILABILITY OF NANADROLONE DECANOATE 50 MG	UG / PG / PhD	Technical	0	1	0

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119	MM College of Pharmacy	Research Unit / Park	FORMULATION AND EVALUATION OF AMITRIPTYLINE SUSTAINED RELEASE TABLETS FOR NEUROPROTHIC PAIN	UG / PG / PhD	Technical	0	1	0
120	MM College of Pharmacy	Research Unit / Park	FORMULATION, DEVELOPMENT AND EVALUATION OF DELAYED RELEASE CAPSULE OF DULOXETINE HYDROCHLORIDE USING DIFFERENT ENTERIC COATED FORMULATION	UG / PG / PhD	Technical	0	1	0
121	MM College of Pharmacy	Research Unit / Park	ENHANCING DISSOLUTION PROFILE OF DIAZEPAM USING HYDROPHILIC POLYMERS	UG / PG / PhD	Technical	0	1	0
122	MM College of Pharmacy	Research Unit / Park	FORMULATION AND EVALUATION OF NAPROXEN AND DOMPERIDONE MULTI LAYERED TABLET	UG / PG / PhD	Technical	0	1	0
123	MM College of Pharmacy	Research Unit / Park	FORMULATION AND EVALUATION OF FAST DISSOLVING CLOBAZAM TABLETS	UG / PG / PhD	Technical	0	1	0
124	MM College of Pharmacy	Research Unit / Park	FORMULATION AND EVALUATION OF SUSTAINED RELEASE PRAMIPEXOLE TABLETS	UG / PG / PhD	Technical	0	1	0
125	MM College of Pharmacy	Research Unit / Park	TROUBLESHOOTING AND DEVELOPMENT OF ASPIRIN IMMEDIATE RELEASE PELLETS	UG / PG / PhD	Technical	0	1	0
126	MM College of Pharmacy	Research Unit / Park	SYNTHESIS AND DEVELOPMENT OF DELTIAZEM FLOATING TABLET	UG / PG / PhD	Technical	0	1	0
127	MM College of Pharmacy	Research Unit / Park	SYNTHESIS AND DEVELOPMENT OF REBIPRAZOL SODIUM AND DOMPERIDONE PELLETS	UG / PG / PhD	Technical	0	1	0

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128	MM College of Pharmacy	Research Unit / Park	SYNTHESIS OF NAPROXEV-EUGENOL HYBRID COMPOUND AS GASTRO-RESISTENT ANTI INFLAMMATORY	UG / PG / PhD	Technical	0	1	0
129	MM Institute of Medical Science and Research	Research Unit / Park	"AN OBSERVATIONAL, MULTICENTRE, PROSPECTIVE, POST MARKETING SURVEILLANCE STUDY (P.M.S) TO EVALUATE SAFETY AND EFFICACY OF ELORES TM (CEFTRIAXONE + SULBACTAM + DISODIUM EDETATE) IN PATIENTS WITH VARIOUS BACTERIAL INFECTIONS (LABELLED INDICATIONS)."	UG / PG / PhD	Non-Technical	0	1	0
130	MM Institute of Medical Science and Research	Research Unit / Park	TO STUDY THE EFFICACY OF BILATERAL TYPE 1 TYMPANOPLASTY DONE IN SINGLE SITTING	UG / PG / PhD	Non-Technical	0	2	0
131	MM Institute of Medical Science and Research	Research Unit / Park	EFFECT OF SEPTOPLASTY ON EUSTACHIAN TUBE AND MIDDLE EAR FUNCTIONS	UG / PG / PhD	Non-Technical	0	2	0
132	Dept of Biochemistry	Research Unit / Park	ASSESSMENT OF SERUM VITAMIN D IN PATIENTS WITH TYPE 2 DIABETES MELLITUS.	UG / PG / PhD	Non-Technical	0	2	0
133	Dept of Biotechnology	Research Unit / Park	IDENTIFICATION OF NEUROPROTECTIVE ACTIONS OF COMPOUNDS THROUGH PREVENTION OF ALPHA SYNUCLEIN TOXICITY IN CELL BASED AND ANIMAL MODELS OF PARKINSON DISEASE	UG / PG / PhD	Non-Technical	0	1	0
134	Dept of Biotechnology	Research Unit / Park	TO DEVELOP A PROCESS FOR BIOREMEDIATION CHROMIUM FROM INDUSTRIAL EFFULENTS USING MICROBIAL CONSORTIUM	UG / PG / PhD	Technical	0	1	0

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

135	Campus Business Park (AQUA-18 YOUR WATER-FD)	Pre-incubation unit	CONSTRUCTING RAINWATER HARVESTING SETUP AT HOMES, OFFICES, SCHOOLS, ROADSIDES, ETC.	UG / PG / PhD	Technical	3	0	0
136	Campus Business Park (JR BIZ)	Pre-incubation unit	ELECTRONIC MONEY TRANSFER SYSTEM	UG / PG / PhD	Technical	2	0	0
137	Infosys Campus Connect in Association with Dept of Comp Science and Engg	Industry Institute Interface Unit	Faculty Training	At all level	Technical	0	1	0

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201811430
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Two days Industrial Motivational Campaign	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	31-01-2020 00:00:00	01-02-2020 00:00:00	2	Within Campus	6	3	0	0	9	No	No
2	Two day Hands on workshop on MICROCONTROLLER PROGRAMMING & SIMULATION SOFTWARE (For Students)	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Computer Science and Engineering	26-08-2019 00:00:00	27-08-2019 00:00:00	2	Within Campus	25	1	0	0	26	No	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

3	Workshop: Basic of Control Theory and its applications to Inverted Pendulum	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Electrical Engineering	17-07-2019 00:00:00	17-07-2019 00:00:00	1	Within Campus	6	4	0	0	10	No	No
4	Workshop: ECBC awareness by HREDA	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Electrical Engineering	18-07-2019 00:00:00	19-07-2019 00:00:00	2	Within Campus	3	2	0	0	5	No	No
5	Workshop: Internet of Things	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Department of Electrical Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	4	4	0	0	8	No	No
6	Universal Human Values-Student Induction Program	Entrepreneurship/Startup, Innovation	Seminar	Institute Lead Activity	Department of Biotechnology	28-02-2020 00:00:00	01-03-2020 00:00:00	3	Within Campus	3	2	0	0	5	No	No
7	One day workshop on Awadhi Cuisine Shaan-e-Awadh	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MM Institute of Hotel Management	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Within Campus	6	4	0	0	10	No	No
8	Midwifery Skills Update	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	MM College of Nursing	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	3	4	0	0	7	No	No
9	Critical Care: Demystifying clinical nursing skills	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MM College of Nursing	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	2	2	0	0	4	No	No
10	Congenital Malformations: Evidence Based Evaluation and Management	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MM College of Nursing	25-05-2019 00:00:00	30-05-2019 00:00:00	6	Within Campus	6	3	0	0	9	No	No

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

11	Workshop on IoT	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	2	2	0	0	4	No	No
12	Basic Knowledge of MATLAB	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	12-12-2019 00:00:00	12-12-2019 00:00:00	1	Within Campus	2	4	0	0	6	No	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Pre-Incubations and Incubation Management	Entrepreneurship/Startup	Innovation Contest	Institutions Innovation Council of MHRDs Innovation Cell AICTE	Govt. Agency (Central)	16-01-2020 00:00:00	17-01-2020 00:00:00	2	2	3	5	No	---	---	No	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	entrepreneurship and self employment	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	Department of Computer Engineering	31-01-2020	05-02-2020	6	Offline	110	30

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	One week Online Faculty Development Programme (FDP) on MACHINE LEARNING	Innovation	FDP in I&E / IPR	Department of Computer Science and Engineering	28-07-2020	01-08-2020	5	Online	77	40
2	FDP on Innovative Tools and Resources for Teachers	Innovation	FDP in I&E / IPR	Dept of law	03-08-2019	08-08-2019	6	Offline	18	40

3	Entrepreneurship and Innovation as Career Opportunity in association with MSME DI Karnal Gol	Innovation	FDP in I&E / IPR	Computer Science and Engineering	31-01-2020	04-02-2020	5	Offline	145	40
4	EMPLOYABILITY SKILLS FOR INDUSTRY four point zero	Innovation	FDP in I&E / IPR	Civil Engineering	23-11-2019	27-11-2019	5	Offline	10	40
5	ONE WEEK INTERDISCIPLINARY NATIONAL WORKSHOP ON PEDAGOGICAL CHALLENGES IN TEACHING SOCIAL SCIENCES	Innovation	FDP in I&E / IPR	Dept of law	02-12-2019	07-12-2019	6	Offline	3	48

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Smo	Faculty Name		Department/Centre/Unit Name		Designation		Do you have a degree in I&E & IPR?		Had the faculty received training on I&E & IPR during AY 2019-20	
1	Dr. RC Sharma		MM College of Engineering		Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Innovation Ambassador Training Series		Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
2	Dr Vishal Gupta		MM College of Engineering		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Innovation Ambassador Training Series		Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
3	Dr. Kushagra Aggrawal		MM Institute of Computer Technology and Business Management		Assistant Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IIC Innovation Ambassador Training Series		Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online
4	Dr. Reena Saini		Department of Biotechnology		Professor		No		Yes	
	Training Name		Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
5	Dr. Adesh Saini		MMICTBM		Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
6	Dr. Avinash Sharma	Department of Computer Science and Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
7	Dr. Arun Kumar Gupta	Department of Mechanical Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	Dr. Sharad Sharma	Department of Electronics and Computational Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
9	Jasleen Kaur	Department of Computer Science and Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	CODEx	Innovation Club	2017	Co-working Space	Innovation Park/Research Park	9	Mr. Vishal Gupta	simkapoor262@gmail.com	8368822543
2	Computer Society of India	Idea Club	2019	Co-working Space, Work Stations	Incubation Unit	1	Dr Avinash Sharma	asharma@mmumullana.org	8529286980

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
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Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

1	Campus Business Park (AQUA-18 YOUR WATER-FD)	Innovation Centre	2019	Co-working Space	Incubation Unit, Innovation Labs, Innovation Park/Research Park	Incubation Unit, Innovation Labs, Innovation Park/Research Park	Facility Incharge Name Dr. Ashok Kumar	Facility Incharge Email principalmmc@mmumulla-na.org	Facility Incharge Phone 981133 8004	3	No	No	No														
2	Campus Business Park (JR BIZ)	Innovation Centre	2019	Co-working Space	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Incubation Unit, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre	Facility Incharge Name Dr. Ashok Kumar	Facility Incharge Email principalmmc@mmumulla-na.org	Facility Incharge Phone 981133 8004	3	No	No	No														
3	Advanced Clinical Skill & Simulation Centre	Innovation Centre	2020	Co-working Space, Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name LN Garg	Facility Incharge Email dr.lnrgarg@mmumulla-na.org	Facility Incharge Phone 805993 1507	3	No	No	Yes														
<table border="1"> <tr> <td colspan="6">Source of Grant / Fund</td><td colspan="4">Agency Name</td><td colspan="2">Agency Type</td><td colspan="2">Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)</td></tr> </table>														Source of Grant / Fund						Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
Source of Grant / Fund						Agency Name				Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)															

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	BOSCH (Centre of Excellence)	2017	Innovation Labs		<div>Facility Incharge Name</div> <div>Dr. NK Batra</div> <div>Facility Incharge Email</div> <div>hodme@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>8059930953</div>	3	Yes	No	No
2	NATIONAL INSTRUMENTS (Centre of Excellence)	2015	Innovation Labs		<div>Facility Incharge Name</div> <div>Vishal Sood</div> <div>Facility Incharge Email</div> <div>vishal.sood@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>9996885292</div>	3	Yes	No	No
3	CISCO ACADEMY	2016	Innovation Labs		<div>Facility Incharge Name</div> <div>Dr. Rajneesh Gujral</div> <div>Facility Incharge Email</div> <div>drrajneeshgujral@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>8059930857</div>	2	No	No	No
4	UpGrad (Centre of Excellence)	2017	Incubation Unit, Innovation Labs		<div>Facility Incharge Name</div> <div>Dr. Sanjeev Rana</div> <div>Facility Incharge Email</div> <div>dr.sanjeevranamumullana.org</div> <div>Facility Incharge Phone</div> <div>8059930856</div>	2	Yes	No	No

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

5	GOOGLE	2017	Incubation Unit		<div>Facility Incharge Name</div> <div>Mr. Vishal Gupta</div> <div>Facility Incharge Email</div> <div>vishal.gupta@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>79883 67291</div>	3	No	No	No
6	SAP	2017	Incubation Unit		<div>Facility Incharge Name</div> <div>Dr. Amit Kumar Bindal</div> <div>Facility Incharge Email</div> <div>amitbindal@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>80599 30868</div>	5	No	<div>Yes</div> <div> <div>Total Annual Income from Training and Skill Development Services (In Rupees)</div> <div></div> </div> <div> <div>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</div> <div></div> </div> <div> <div>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</div> <div></div> </div>	No

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
1	MM(DU) Incubation Unit in Associaton with MSME	2019	Innovation Labs,Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre		<div>Facility Incharge Name</div> <div>Dr. Ashok Kumar</div> <div>Facility Incharge Email</div> <div>principalmme@mmumullana.org</div> <div>Facility Incharge Phone</div> <div>98113 38004</div>	3	Yes	No	No

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

2	APPLE	2019	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre		<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Vishal Sood</div> <div>vishal.sood@mmumullana.org</div> <div>98729 67891</div>	3	No	No	No
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Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	Business Lab	2019	Innovation Labs		<div>Facility Incharge Name</div> <div>Facility Incharge Email</div> <div>Facility Incharge Phone</div>	<div>Dr. Ashok Kumar</div> <div>directormmim@mmumullana.org</div> <div>9811338004</div>	3	No	No	No

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data Filled!

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. RC Sharma	Professor	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Vehicle Dynamics		Within	
2	Dr Vishal Gupta	Assistant Professor	IPR Protection & Commercialization	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Hackathon		Within	

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

3	Dr. Kushagra Aggrawal	Assistant Professor	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Hackathon	Within		
4	Dr. Avinash Sharma	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	E Commerce	Within		
5	Dr. Avinash Sharma	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development	Within		
6	Dr Vishal Gupta	Assistant Professor	Entrepreneurship/Startup Development	4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development	Within		
7	Dr. Kushagra Aggrawal	Assistant Professor	Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development	Within		
8	Dr. Reena Saini	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development	Within		
9	Dr. Arun Kumar Gupta	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development	Within		
10	Jasleen Kaur	Professor	Entrepreneurship/Startup Development	4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	App Development using android	Within		
11	Dr. Rajeev Gupta	Professor	Entrepreneurship/Startup Development	4

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
App Development	Within	

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship
1	Vaiseshika Electronics	Idea/Innovation Development,Entrepreneurship/Startup Development					Unstructured Mentorship
2	Dr. Rahul Taneja, DST India	Idea/Innovation Development,Entrepreneurship/Startup Development					Unstructured Mentorship
3	Dr. Rahul Taneja, DST India	IPR Protection & Commercialization					Unstructured Mentorship
4	IIT Bombay	Idea/Innovation Development,Entrepreneurship/Startup Development					Structured Mentorship
	Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Robotics Inovation	04-01-2020	10-01-2020	7	4	90	Idea
5	Micro, Small & Medium Enterprises	Entrepreneurship/Startup Development					Unstructured Mentorship

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	A STUDY OF CONSUMER PERCEPTION ON DIGITAL MARKETING IN HARYANA	Service Innovation,Management Process	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Completed	No	No	<div>Grant Amount in Rs</div> <div>30000</div>	No	No

	Name				Type				Gender		Email			Contact	
	DR. MEENU GUPTA				Faculty				Female		directormmim@mmumullana.org			8059930110	
2	IMPACT OF ADOLESCENTS ON BUYING BEHAVIOUR OF FAMILIES WITH REFERENCE TO CONSUMER GOODS IN HARYANA	Market-place Innovation	Non-Technol ogical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 6 : Proto type syste m teste d in inten ded enviro nment close to expe cted perfor manc e.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs30000		No	No	
	Name				Type				Gender		Email			Contact	
	DR. MEENU GUPTA				Faculty				Female		directormmim@mmumullana.org			8059930110	
3	IMPACT OF GREEN MARKETING ON CONSUMER'S BUYING BEHAVIOUR WITH REFERENCE TO PERSONAL CARE PRODUCTS IN HARYANA	Market-place Innovation	Non-Technol ogical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 6 : Proto type syste m teste d in inten ded enviro nment close to expe cted perfor manc e.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs30000		No	No	
	Name				Type				Gender		Email			Contact	
	DR. MEENU GUPTA				Faculty				Female		directormmim@mmumullana.org			8059930110	
4	SUPPLIER EVALUATION AND SELECTION: A STUY IN AUTOMOTIVE INDUSTRY OF PUNJAB.	Market-place Innovation	Non-Technol ogical / Social / Commu nity Innovati on	Depart mental	Facul ty	TRL 4 : Small scale protot ype built in a labor atory enviro nment ("ugly" protot ype).	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs30000		No	No	
	Name				Type				Gender		Email			Contact	
	DR. MEENU GUPTA				Faculty				Female		directormmim@mmumullana.org			8059930110	

	Name				Type				Gender		Email		Contact
	DR. MEENU GUPTA				Faculty				Female		directormmim@mmumullana.org		8059930110
5	AN ANALYSIS OF INSURANCE BUSINESS AND ITS SUSTAINABILITY IN INDIAN MARKET	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	No	No	<div>Grant Amount in Rs</div> <div>40000</div>	No	No
	Name				Type				Gender		Email		Contact
	DR. NIPUN AGGARWAL				Faculty				Male		directormmim@mmumullana.org		8059930110
6	ANALYZING THE ROLE OF MSME'S IN FOSTERING ENTREPRENEURSHIP IN HARYANA AND PUNJAB REGION	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	<div>Grant Amount in Rs</div> <div>30000</div>	No	No
	Name				Type				Gender		Email		Contact
	DR. NIPUN AGGARWAL				Faculty				Male		directormmim@mmumullana.org		8059930110
7	FEMALE EMPLOYEE PARTICIPATION IN RETAIL SECTOR IN TRICITY	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	<div>Grant Amount in Rs</div> <div>30000</div>	No	No
	Name				Type				Gender		Email		Contact

	Name				Type				Gender		Email		Contact	
	DR. NIPUN AGGARWAL				Faculty				Male		directormmim@mmumullana.org		8059930110	
8	IMPACT OF BEHAVIORAL FACTORS GOVERNMENT POLICIES ON WOMEN ENTREPRENEURSHIP IN HARYANA STATE	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 30000		No	No
	Name				Type				Gender		Email		Contact	
	DR. NIPUN AGGARWAL				Faculty				Male		directormmim@mmumullana.org		8059930110	
9	AN ANALYTICAL STUDY OF HUMAN RESOURCE MANAGEMENT PRACTICES IN PUBLIC AND PRIVATE SECTOR BANKS IN HARYANA	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 30000		No	No
	Name				Type				Gender		Email		Contact	
	DR. RANJEET VERMA				Faculty				Male		directormmim@mmumullana.org		8059930110	
10	AN EMPIRICAL STUDY OF BUYING BEHAVIOUR IN RURAL AREAS WITH SPECIAL REFERENCE TO PERSONAL CARE PRODUCTS IN HARYANA STATE	Market-place Innovation	Non-Technological / Social / Community Innovation	Departmental	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 30000		No	No
	Name				Type				Gender		Email		Contact	
	DR. RANJEET VERMA				Faculty				Male		directormmim@mmumullana.org		8059930110	

	Name				Type				Gender		Email		Contact	
	DR. RANJEET VERMA				Faculty				Male		directormmim@mmumullana.org		8059930001	
11	A FRAEWORK TO ENHANCE QOS FOR VISUALIZATION OF HIGH DYNAMIC RANGE IMAGING	Process Innovation	Technol ogical	Depart ment	Facul ty	TRL 1 : Basic resea rch. Prin ciples postu lated and ob serv ed but no ex per iment al proof availa ble.	TRL 1 : Basic resea rch. Prin ciples postu lated and ob serv ed but no ex per iment al proof availa ble.	Innovati on Develop ment Comple ted	No	No	<div>Grant Amount in Rs</div> <div>25000</div>		No	No
	Name				Type				Gender		Email		Contact	
	DR. SUMIT MITTAL				Faculty				Male		principalmmictbm@mmumullana.org		8059930412	
12	AN ENHANCED FRAMEWORK FOR DATA SECURITY & STORAGE IN CLOUD COMPUTING	Service Innovation	Technol ogical	Depart ment	Facul ty	TRL 4 : Small scale protot ype built in a labor atory envir onme nt ("ugly " protot ype).	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Ongoing	No	No	<div>Grant Amount in Rs</div> <div>25000</div>		No	No
	Name				Type				Gender		Email		Contact	
	DR. SUMIT MITTAL				Faculty				Male		principalmmictbm@mmumullana.org		8059930412	
13	AN OPTIMIZED MOBILITY MANAGEMENT FRAMEWORK FOR LOW POWER AND LOSSY NETWORK IN IOT	Process Innovation	Non- Technol ogical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	TRL 1 : Basic resea rch. Prin ciples postu lated and ob serv ed but no ex per iment al proof availa ble.	Innovati on Develop ment Comple ted	No	No	<div>Grant Amount in Rs</div> <div>25000</div>		No	No

	Name				Type				Gender		Email			Contact	
	DR. SUMIT MITTAL				Faculty				Male		principalmmictbm@mmumullana.org			8059930412	
14	DESIGN A RELIABLE MOBILITY MANAGEMENT FRAMEWORK FOR IOT ENVIRONMENT	Service Innovation	Technol ogical	departm ental	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no tes ting has been perfo rmed.	TRL 1 : Basic rese arch. Princi ples postu lated and observed but no expe rimental proof availa ble.	Innovati on Develop ment Comple ted	No	No	<div>Grant Amount in Rs</div> <div>25000</div>		No		
Name				Type				Gender		Email			Contact		
DR. SUMIT MITTAL				Faculty				Male		principalmmictbm@mmumullana.org			8059930412		
15	DESIGN AN IMPROVED ROBUST AND TIME EFFICIENT FRAMEWORK FOR FACE RECOGNITION SYSTEM	Market-place Innovation	Technol ogical	Depart ment	Facul ty	TRL 1 : Basic rese arch. Princi ples postu lated and observed but no expe rimental proof availa ble.	TRL 2 : Technolog y formulati on. Concept and applica tion have been formul ated.	Innovati on Develop ment Comple ted	No	No	<div>Grant Amount in Rs</div> <div>25000</div>		No		
Name				Type				Gender		Email			Contact		
Dr. Sumit Mittal				Faculty				Male		principalmmictbm@mmumullana.org			8059930412		

16	DEVELOPMENT OF AN AGENT BASED SECURE FRAMEWORK FOR SELFISH DETECTION IN MANET	Service Innovation	Technol ological	Depart ment	Facul ty	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	TRL 1 : Basic resea rch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. SUMIT MITTAL		Faculty			Male		principalmmictbm@mmumullana.org			8059930412		
17	A SECURE FRAMEWORK FOR SEMI-DISTRIBUTED LOAD BALANCING IN CLOUD BASED ENVIRONMENT	Process Innovation	Technol ological	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. MUNISHWAR RAI		Faculty			Male		principalmmictbm@mmumullana.org			8059930412		
18	DESIGN A DATA MODEL FOR ENABLING A DECISION SUPORT SYSTEM THROUGH BIG DATA ANALYTICS FOR FLOOD AND DROUGHT MANAGEMENT USING IWRM IN INDIA	Service Innovation	Technol ological	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formul ation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. MUNISHWAR RAI		Faculty			Male		principalmmictbm@mmumullana.org			8059930412		

19	DESIGN A FRAMEWORK TO OPTIMIZE AND ENHANCE THE QOS IN BIG DATA	Process Innovation	Technological	Department	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs 25000	No	No																												
<table border="1"> <tr> <th colspan="5">Name</th> <th colspan="3">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> <tr> <td colspan="5">DR. MUNISHWAR RAI</td> <td colspan="3">Faculty</td> <td colspan="2">Male</td> <td colspan="2">principalmmictbm@mmumullana.org</td> <td colspan="2">8059930412</td> </tr> </table>														Name					Type			Gender		Email		Contact		DR. MUNISHWAR RAI					Faculty			Male		principalmmictbm@mmumullana.org		8059930412	
Name					Type			Gender		Email		Contact																													
DR. MUNISHWAR RAI					Faculty			Male		principalmmictbm@mmumullana.org		8059930412																													
20	DESIGN OF A MOBILE AGENT BASED FRAMEWORK FOR ENHANCED SECURITY IN MANETS.	Process Innovation	Technological	Department	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No																												
<table border="1"> <tr> <th colspan="5">Name</th> <th colspan="3">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> <tr> <td colspan="5">DR. MUNISHWAR RAI</td> <td colspan="3">Faculty</td> <td colspan="2">Male</td> <td colspan="2">principalmmictbm@mmumullana.org</td> <td colspan="2">8059930412</td> </tr> </table>														Name					Type			Gender		Email		Contact		DR. MUNISHWAR RAI					Faculty			Male		principalmmictbm@mmumullana.org		8059930412	
Name					Type			Gender		Email		Contact																													
DR. MUNISHWAR RAI					Faculty			Male		principalmmictbm@mmumullana.org		8059930412																													
21	A NOVEL APPROACH TO PREDICT THE CONSUMER BEHAVIOUR USING WEB USAGE MINING	Market-place Innovation	Technological	Department	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	Grant Amount in Rs 25000	No	No																												
<table border="1"> <tr> <th colspan="5">Name</th> <th colspan="3">Type</th> <th colspan="2">Gender</th> <th colspan="2">Email</th> <th colspan="2">Contact</th> </tr> <tr> <td colspan="5">DR. DALIP</td> <td colspan="3">Faculty</td> <td colspan="2">Male</td> <td colspan="2">principalmmec@mmumullana.org</td> <td colspan="2">01731304146</td> </tr> </table>														Name					Type			Gender		Email		Contact		DR. DALIP					Faculty			Male		principalmmec@mmumullana.org		01731304146	
Name					Type			Gender		Email		Contact																													
DR. DALIP					Faculty			Male		principalmmec@mmumullana.org		01731304146																													

22	A QUALITATIVE EVALUATION OF REUSABILITY FOR AOP USING ASPECTJ IMPLEMENTATION	Process Innovation	Non-Technol ogical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>25000</div>	No	No	
	<div>NameTypeGenderEmailContact</div>													
	DR. DALIP				Faculty				Male		principalmmec@mmumullana.org			01731304146

23	A SECURE AND ENERGY AWARE ROUTING PROTOCOL FOR MANET IN REAL LIFE APPLICATIONS	Process Innovation	Non-Technol ogical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>25000</div>	No	No	
	<div>NameTypeGenderEmailContact</div>													
	DR. DALIP				Faculty				Male		principalmmec@mmumullana.org			01731304146

24	DESIGN OF SECURE REUSABLE SOFTWARE COMPONENT MODEL FOR AMALGAMATION OF SCALABILITY	Process Innovation	Technol ogical	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been per form ed.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>25000</div>	No	No	
	<div>NameTypeGenderEmailContact</div>													
	DR. DALIP				Faculty				Male		principalmmec@mmumullana.org			01731304146

25	DESIGN A FRAMEWORK FOR SATELLITE IMAGE ENHANCEMENT USING CBIR TECHNIQUES	Process Innovation	Technol o gical	Depart ment	Facul ty	TRL 6 : Proto type syste m teste d in inten ded enviro nme nt close to expe cted perfor manc e.	TRL 1 : Basic resea rch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. RAJEEV GUPTA		Faculty			Male		principalmmec@mmumullana.org			01731304146		
26	DESIGN A SECURE AND ENHANCED TECHNIQUE FOR IMAGE TRANSMISSION IN CLUSTER-BASED WIRELESS SENSOR NETWORK	Process Innovation	Technol o gical	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resea rch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. RAJEEV GUPTA		Faculty			Male		principalmmec@mmumullana.org			01731304146		
27	DESIGN A SECURE AND OPTIMIZED ROUTING PROTOCOL IN MANET FOR DISASTER RESPONSE APPLICATIONS	Process Innovation	Non-Technol o gical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	Grant Amount in Rs 25000	No	No
	Name		Type			Gender		Email			Contact		
	DR. RAJEEV GUPTA		Faculty			Male		principalmmec@mmumullana.org			01731304146		

28	DESIGN OF A FRAMEWORK FOR SEMANTICS BASED IMAGE RETRIEVAL FROM CYBERSPACE	Process Innovation	Technol o gical	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>25000</div>	No	No
Name		Type			Gender		Email		Contact				
DR. RAJEEV GUPTA		Faculty			Male		principalmmec@mmumullana.org		01731304146				

29	DEVELOPMENT AND EVALUATION OF FAST DRYING AND LONG STICKING TOPICAL SEMISOLID HUMAN INSULIN FORMULATION	Market-place Innovation	Non- Technol o gical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 1 : Basic resear ch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>45000</div>	No	No
Name		Type			Gender		Email		Contact				
DR. SUMEET GUPTA		Faculty			Male		principal.pharmacy@mmumullana.org		9872620252				

30	EFFECTS OF SPIRULINA, RUTIN AND CHLOROGENIC ACID ON LIPOPOLYSACCHARI DE INDUCED IN TYPE 2 DIABETES MELLITUS	Process Innovation	Non- Technol o gical / Social / Commu nity Innovati on	Depart ment	Facul ty	TRL 1 : Basic resear ch. Princi ples postu lated and obser ved but no exper iment al proof availa ble.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Develop ment Complet ed	No	No	<div>Grant Amount in Rs</div> <div>45000</div>	No	No
Name		Type			Gender		Email		Contact				
DR. SUMEET GUPTA		Faculty			Male		principal.pharmacy@mmumullana.org		8059930110				

31	EXPLORING DIETARY POLYPHENOLS IN MANAGEMENT OF TYPE-II DIABETES MELLITUS ASSOCIATED WITH NEURODEGENERATION	Process Innovation	Non-Technological / Social / Community Innovation	Department	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 45000	No	No
	Name		Type			Gender		Email			Contact		
	DR. SUMEET GUPTA		Faculty			Male		principal.pharmacy@mmumullana.org			9872620252		
32	PHARMACOLOGICAL EVALUATION OF SPIRULINA FUSIFORMIS AND BRASSICA OLERACEA SPROUTS IN MANAGEMENT OF DIABETIC NEUROPATHY	Process Innovation	Non-Technological / Social / Community Innovation	Department	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Completed	No	No	Grant Amount in Rs 40000	No	No
	Name		Type			Gender		Email			Contact		
	DR. SUMEET GUPTA		Faculty			Male		principal.pharmacy@mmumullana.org			9872620252		
33	PHYTOPHARMACOLOGICAL EVALUATION OF ASPARAGUS OFFICINALIS AND MUCONA GIGANTEAN IN THE MANAGEMENT OF RHEUMATOID ARTHRITIS	Service Innovation	Non-Technological / Social / Community Innovation	Department	Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	Grant Amount in Rs 40000	No	No
	Name		Type			Gender		Email			Contact		
	DR. SUMEET GUPTA		Faculty			Male		principal.pharmacy@mmumullana.org			9872620252		

34	PHYTOPHARMACOLOGICAL STUDIES OF LITCHI CHINENSIS AND GLYCINE MAX IN THE TREATMENT OF NEURODEGENERATIVE DISORDER ASSOCIATED WITH METABOLIC SYNDROME	Process Innovation	Non-Technological / Social / Community Innovation	Department	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	<div>Grant Amount in Rs</div> 45000	No	No																											
	<table><tr><th colspan="4">Name</th><th colspan="4">Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th>Contact</th></tr><tr><td colspan="4">DR. SUMEET GUPTA</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="2">principal.pharmacy@mmumullana.org</td><td colspan="2">9872620252</td></tr></table>													Name				Type				Gender		Email		Contact	DR. SUMEET GUPTA				Faculty				Male		principal.pharmacy@mmumullana.org		9872620252	
	Name				Type				Gender		Email		Contact																											
DR. SUMEET GUPTA				Faculty				Male		principal.pharmacy@mmumullana.org		9872620252																												

35	SYNTHESIS AND EVALUATION OF CURCUMIN ANALOGUES IN THE TREATMENT OF ARTHRITIS	Process Innovation	Non-Technological / Social / Community Innovation	Department	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Completed	No	No	<div>Grant Amount in Rs</div> 45000	No	No																											
	<table><tr><th colspan="4">Name</th><th colspan="4">Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th>Contact</th></tr><tr><td colspan="4">DR. SUMEET GUPTA</td><td colspan="4">Faculty</td><td colspan="2">Male</td><td colspan="2">principal.pharmacy@mmumullana.org</td><td colspan="2">9872620252</td></tr></table>													Name				Type				Gender		Email		Contact	DR. SUMEET GUPTA				Faculty				Male		principal.pharmacy@mmumullana.org		9872620252	
	Name				Type				Gender		Email		Contact																											
DR. SUMEET GUPTA				Faculty				Male		principal.pharmacy@mmumullana.org		9872620252																												

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Sl. No.	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income /revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20	
1	M/S Aqua-18	Service Innovation	Technological	1519	Student-Faculty	Venture with MSME Registration No	HR19D0007426	2018-19	Graduated from the Incubation unit	No	No	No	No	No
						Venture with GST No	HR19D0007426							
		Name		DIN number		Type		Gender		Email		Contact		
		Vikramjeet Singh		HR19D0007426		Faculty and Student		Male		vikramjeet.attri2000@gmail.com		8901147211		
2	JR BIZ	Service Innovation	Technological	907	Student-Faculty	Venture with MSME Registration No	HR529791	2019-20	Graduated from the Incubation unit	No	No	No	No	No
						Venture with GST No	HR529791							
		Name		DIN number		Type		Gender		Email		Contact		
		Manispaa		HR529791		Student		Male		manispaa123@gmail.com		9876534988		

3	ZOOFIN PHARMACEUTICALS PRIVATE LIMITED	Product Innovation	Non-Technological	1836	Student-Faculty	Venture with Corporate Identification Number (CIN) Registration	U2430CH2018PTC042269	2019-20	Graduated from the Incubation unit	No	No	No	No																
	<table><tr><th colspan="2">Name</th><th colspan="2">DIN number</th><th>Type</th><th>Gender</th><th>Email</th><th>Contact</th></tr><tr><td colspan="2">INDERJEET VERMA</td><td colspan="2">AJXPJ8317M</td><td>Faculty and Student</td><td>Male</td><td>inderjeet123@gmail.com</td><td>7578098568</td></tr></table>													Name		DIN number		Type	Gender	Email	Contact	INDERJEET VERMA		AJXPJ8317M		Faculty and Student	Male	inderjeet123@gmail.com	7578098568
	Name		DIN number		Type	Gender	Email	Contact																					
INDERJEET VERMA		AJXPJ8317M		Faculty and Student	Male	inderjeet123@gmail.com	7578098568																						

4	360DEGREE	Service Innovation	Technological	907	Student-Faculty	Venture with MSME Registration No	GJ25D0005250	2019-20	Graduated from the Incubation unit	No	No	No	No				
	<table><tr><td colspan="2">Venture with GST No</td><td colspan="2">GJ25D0005250</td></tr></table>													Venture with GST No		GJ25D0005250	
	Venture with GST No		GJ25D0005250														

Name		DIN number		Type	Gender	Email	Contact
360DEGREE		GJ25D0005250		Faculty and Student	Male	360ddm@gmail.com	9729272110

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	e-Yantra is a robotics outreach project, an initiative of the Department of Computer Science and Engineering at the Indian Institute of Technology, Bombay	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	52	01-05-2019
2	Virtual Lab, IIT Roorkee	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring,Networking	90	12-12-2019
3	Institute of Mental Health Hospital, Agra	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	40	02-06-2019
4	Parkinsons disease and Movement Disorder Society, Mumbai, India	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	114	23-01-2019
5	BODHI HEALTH EDUCATION	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	400	01-03-2020
6	GOVERNMENT OF INDIA, CENTRAL INSTITUTE OF PSYCHIATRY, RANCHI	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	6	11-02-2020
7	VID SPECIALIZED UNIVERSITY, OSLO, NORWAY	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	3	23-04-2019
8	CIVIL HOSPITAL, AMBALA CITY	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	100	13-09-2019
9	KALAWATI SARAN CHILDREN'S HOSPITAL, NEW DELHI	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	2	12-03-2020
10	CLOUD NINE HOSPITAL NOIDA	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	3	04-06-2020

11	DAYANAND MEDICAL COLLEGE AND HOSPITAL, LUDHIANA	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	7	14-12-2019
12	Universitas Airlangga, Kantor, Indonesia	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	3	18-03-2020
13	AWS EDUCATE	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	33	09-08-2019
14	COURSERA	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Incubation,Mentoring	136	20-04-2020

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	AN AUTOMATED LEAF FEATURE EXTRACTION SYSTEM TO RECOGNIZE INDIAN MANGO THREE DISEASES USING HAAR CASCADES	IPRFiledPublished	SW-13615/2020	National	2019 - 11	Uploaded	Published	No
	Department/Centre Name							
	Department of Computer Sc							
2	PHYSIOTHERAPY REHABILITATION PROTOCOL FOR POSTOPERATIVE LOWER SEGMENT CAESAREAN SECTION (PRPPL)	IPRFiledPublished	9266/2019-CO/	National	2019 - 09	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
3	MANISHA'S-MUSCLE ENERGY TECHNIQUE (M-MET) TREATMENT PROTOCOL FOR MECHANICAL SACROILIAC JOINT DYSFUNCTION PATIENTS	IPRFiledPublished	10909/2019-CO	National	2020 - 03	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
4	EXERCISE PROTOCOL FOR YOUNG SKATERS	IPRFiledPublished	8580/2019-CO/	National	2019 - 10	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							

5	BISHAKA'S TREATMENT PROTOCOL FOR PATIENTS WITH GRADE 1 AND 2 ANTEROLISTHESIS (B-PPA-G-1&2)	IPRFiledPublished	11524/2019-CO	National	2019 - 11	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
6	ADARSH'S- DUAL TASKING AND VIRTUAL REALITY PROTOCOL (A-DTVRP) TO IMPROVE BALANCE AND GAIT IN PATIENTS WITH PARKINSON'S DISEASE	IPRFiledPublished	17084/2019-CO	National	2020 - 03	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
7	CALCANEAL TAPING IN STROKE SURVIVORS	IPRFiledPublished	15959/2019-CO	National	2020 - 03	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
8	SARITA'S - SENSORY RE-EDUCATION PROTOCOL (S-SRP) TO IMPROVE SENSORY FUNCTION IN PATIENTS WITH DIABETIC NEUROPATHY	IPRFiledPublished	7873/2019-CO/	National	2019 - 07	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
9	MAHARISHI MARKANDESHWAR MPT DISSERTATION EVALUATION FORMAT	IPRFiledPublished	7626/2019-CO/	National	2020 - 03	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
10	GRADING OF SINGLE HEEL-RISE TEST IN PEDIATRIC POPULATION	IPRFiledPublished	6558/2019-CO/	National	2019 - 08	Uploaded	Published	No
	Department/Centre Name							
	Department of Physiothera							
11	CLEVENGER APPARATUS FOR OIL EXTRACTION	IPRFiledPublished	299818	National	2019 - 09	Uploaded	Granted	No
	Department/Centre Name							
	Pharmacy							

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	SMART GARBAGE MONITORING SYSTEM USING IOT USING RASPBERRY PI WITH PI CAMERA	202011004634	National	2020 - 03	Uploaded
2	A SYSTEM OF FOUR STAGE MODEL FOR ACCURATE PREDICTION OF MISSING VALUES IN HEART DISEASE DATASET	202011015360	National	2020 - 03	Uploaded
3	A METHOD OF TOUGHENING OF CARBON JUTE HYBRID COMPOSITE WITH FISH BONE POWDER AND THEREOF	201911052242	National	2019 - 12	Uploaded
4	SYNTHESIS OF 1,2,3-TRIAZOLE CAROXAMIDES AND DERIVATIVES THEREOF	201811028429	National	2020 - 01	Uploaded
5	A SYSTEM OF QUALITY OF SERVICE ENABLED (QOS) JOINMINIMUM LOADED QUQUE(JMLQ) FOR CLOUD COMPUTING ENVIRONMENT	201911039375	National	2019 - 09	Uploaded
6	AN OPTIMIZED SYSTEM FOR HEART DISEASE PREDICTION BY FEATURE SELECTION	202011004239	National	2020 - 01	Uploaded
7	A SYSTEM OF ENERGY AWARE SECURED AODV PROTOCOL FOR RLABLE ROUTING IN MANET	202011004238	National	2020 - 01	Uploaded
8	A DYNAMIC ELBOW GONIOMETER DEVICE	201911052243	National	2019 - 12	Uploaded
9	SUBGINGIVAL DELIVERY OF PHARMACEUTICAL COMPOSITIONO OF MORINDA CITRIFOLIA LEAF EXTRACT OF THE TREATMENT OF PERIODONTITIS AND THE THERAPEUTIC USE THEREOF	201811029559	National	2019 - 12	Uploaded
10	A PHARMACEUTICAL COMPOSITION CONTAINING ROSUVASTATIN FOR THE TREATMENT OF PERIODONTITIS AND THE THERAPEUTIC USE THEREOF	201811029558	National	2019 - 12	Uploaded
11	NOVEL NANOSTRUCTURED LIPID CARRIER-BASED OPTHALMIC CONTROLLED RELEASE FORMULATION FOR TREATMENT IN FUNGAL KERATITIS	201811021213	National	2019 - 12	Uploaded
12	A NOVEL METHOD OF DISSOLUTION FOR FAST DISPERSIBLE TABLETS (FDTs) AND USES THEREOF	201811020676	National	2019 - 12	Uploaded
13	A NOVEL METHOD OF DISSOLUTION FOR COMBINATION DOSAGE FORM OF TELMISARTAN & NEBIVOLOL HYDROCHLORIDE TABLETS	201811020674	National	2019 - 12	Uploaded