

MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY
Research and Development Cell

MoU

S. No.	Name of the Company	Department	MoU dated	Valid upto	Purpose
1	Ashira Labs Private Limited	Mechanical	20th January 2021	3 years	1. ASHIRA COMPANY and MJCET will undertake joint research work in the areas of mutual interest. 2. ASHIRA COMPANY - will help MJCET establish in creating a centre of `excellence/innovation in Big Data & AI and related technologies by collaborating with faculty in writing proposals, and providing real-life projects. 3. The concerned scientists of ASHIRA Labs and R & D of MJCET will together formulate research projects. 4. Impart training to staff, students and technical personnel within the areas of cooperation without any financial implications. 5. Keeping the interest in view and objective of both the institutes, ASHIRA labs and MJCET may apply for joint projects under extramural grant.
2	Bioaxis DNA Research Center (P) Limited	Mechanical	20th January 2021	5 years	1. Objectives of the MoU The objectives of the MoU are: a) To promote and enhance academic research between BDRC and MJCET. b) To organize joint courses, conferences, seminars, workshops, etc. c) To encourage students of MJCET for internship or short term training at BDRC. d) To promote continuing education activities between the institutions. e) To facilitate joint Industry relevant Ph. D. Programme and Certificate Programme. f) To jointly submit Industry relevant Project proposals to Government agencies and collaborate in execution. g) To undertake joint collaborative research and development activities.
3	Electromation Technologies	EED	20th January 2020	3 years	1.1 Both Parties are united by common Interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another. 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party. The Parties shall cooperate with 1.3 The general terms of co-operation shall be governed by this MOU. each other and shall, as promptly as is reasonably practical, enter into relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof. GLAUSE 2 SCOPE OF THE MOU

4	HBL Power Sysems Limited	R & D	2nd September 2021	3 years	2.1 Collaborate in the form of (a) time-bound contract research wherein work is assigned to MJCET by HBL, (b) joint development involving both the parties and/or (c) undertaking "Research Projects" along with mutually agreed other chosen partners which could include academia/research institutes/industry in consortium approach or any other special arrangements. 2.2 Jointly initiate research and development (R&D) relevant to Robotics, Automation, Industry 4.0, Industrial Automation, and other areas with or without the involvement of additional partners from both academia and Research Organizations. Mbala 2.3 Collaborate for promotion of research and innovation and provide a model for industry- academia/research organization partnership. 2.4 Collaborate to identify key R&D areas (knowledge generation, know-how update, technology exploration, systems development, novel, and new technology resources, applied research, etc.) for the immediate and future requirements of HBL. 2.5 Enhancement of capabilities of available HBL staff and quality of research work at HBL. 2.6 HBL to provide practical research topics and facilities to MJCET's researchers to enable them to take up studies / Research Projects in the areas of HBL's interest. MJCET and HBL to extend their technological and infrastructural facilities to each other according to mutually agreeable terms. 2.7 To facilitate exchange between technical experts of HBL and researchers from MJCET to utilize the opportunity to learn and contribute to knowledge enrichment for mutual benefit. The modes of exchange shall include invited talks/presentations, visits to each other facilities, and short-term deputation in the form of internships. 2.8 Any other objective promoting these causes as mutually agreed between the Parties.
5	360 Digiri 's	IT	7th April 2021	5 years	1. Objectives of the MoU The objectives of the MoU are: a) To promote and enhance academic research between institutions. b) To organize joint courses, conferences, seminars, workshops, etc. e) To encourage students of MJCET to come for internship or short term training at 360digiri. d) To promote continuing education and training activities between 360digiri and MJCET. e) To facilitate jointly relevant Ph. D. Programme and Certificate Programme. 1) To jointly submit Industry relevant Project proposals to Government agencies and collaborate in execution. g) To undertake joint collaborative research and development activities. 2. Technical Areas of Collaboration
6	Skilldzire Technologies Private Limited	IT	5th January 2023	3 years	Describe the Intended results or effects the the organizations hope to achieve and the area (s)
7	Ideas2 IPR		5th July 2021		Ideas2IPR, B-115 Chander Nagar, JanakPuri, New Delhi-110058 (hereinafter referred to as the Second Party or Ideas2IPR interchangeably). WHEREAS Ideas2IPR is a leading IP Firm having the expertise in procurement, protection and maintenance of all forms of Intellectual Property Rights and in general handle all IP related legal and technical matters. WHEREAS MJCET intends to engage the services of Ideas2IPR for the purposes of drafting. filing and prosecuting patent applications for Australian Innovation Patents. MJCET and Ideas21PR agree to this arrangement and have decided to execute the MoU. Now that in consideration for the mutual covenants and promises the parties hereof agrees to as follows:
8	Prometheus Patent Services Pvt. Ltd.		27th September 2018	3 years	1. PROMETHEUS agreed to provide Patent Search, Patent Drafting and Patent filin
9	Cyber Security Center for Excellence	CSED	13th December 2023	5 years	1. PURPOSE The purpose of the MoU is to establish that CCOE and MJCET will jointly collaborate for the mutual benefit of both organizations. The areas of collaboration will be research, innovation, incubation, marketing, hackathons, corporate innovation, and training programs. The scope of each activity under the identified areas of collaboration along with Roles & Responsibilities, Timelines, and Financial Commitment will be discussed and decided separately through a formal approval/acceptance to that effect for the works/services has been accorded through signed documents by MJCET and CCOE prior to starting the work.

10	Beta Consulting Engineering Pvt. Ltd.	CED	15th Decemer 2022	3 years	<p>1. Placements BETA CONSULTING ENGINEERS Pvt. Ltd. consider MJCET for campus selection and hire the graduate engineer trainees from Civil Engineering stream. Graduate engineering trainees will later be absorbed on regular rolls as per company rules and regulations. Suitable pay scales will be awarded as per the performance of the candidates and company policy. BETA CONSULTING ENGINEERS Pvt. Ltd. will consider MJCET as the priority institute for recruitment. MJCET will extend all the cooperation to BETA CONSULTING ENGINEERS Pvt. Ltd. and facilitate selection process of Graduate engineering trainees</p> <p>2. Internship As per the curriculum, engineering students are required to undergo internship for a period of six weeks during summer vacation after completion of third year. BETA CONSULTING ENGINEERS Pvt. Ltd. will provide internship in their company to students, who will work for BETA CONSULTING ENGINEERS Pvt. Ltd. and accomplish the task assigned to them.</p> <p>3. Industry Consultancy Projects BETA CONSULTING ENGINEERS Pvt. Ltd. will consider MJCET for any R&D projects in their company. Faculty and students of MJCET collaborate to work with BETA CONSULTING ENGINEERS Pvt. Ltd on mutual agreement to accomplish the R&D projects as per the requirements of BETA CONSULTING ENGINEERS Pvt. Ltd. who will utilize intellectual abilities of MJCET faculty in Research and Developme of their products and services.</p> <p>4. Students Projects As per the curriculum, students are required to work on project in final year. BETA CONSULTING ENGINEERS PVT. Ltd. Will accommodate students to pursue their project work under the supervision of their engineers. Students will Abide by the rules and regulations of BETA CONSULTING ENGINEERS Pvt. Ltd. During the renure of project work.</p>
11	ACES India Pvt. Ltd.		10th May 2023	2 years	<p>Advance Communications (5G and beyond) Drones and its Applications Internet of Things (IoT) enabled Smart Cities Industry 4.0 and Digital Transformation Artificial Intelligence and Machine Learning Software Development and Data Analytics</p>
12	The Coding Ninjas Pvt. Ltd.		18th March 2020	5 years	<p>2. Scope of collaboration: This MoU shall stipulate the terms and conditions under which Coding Ninjas and Muffakham Jah ollege of Engineering and Technology shall engage with each other to undertake the following areas/ activities jointly with mutually agreed terms and conditions. The areas/ activities can be further expanded and diversified with the mutual consent of both the parties.</p> <p>a. A blended learning model wherein Coding Ninjas will help to enhance the learning process of Muffakham Jah College of Engineering and Technology students by providing a better learning management system and some industry standard content. Coding Ninjas, Plot No. 360, Kohat Enclave, Pitampura, Delhi-110034 Tel: 1800-123-3598</p> <p>b. Coding Ninjas will provide a platform & training program with the following features completely free of cost which can be used to enhance the learning environment in college and will also encourage students to practice more programming questions and develop a deep understanding of the subject. Complete training for Python or Java programming languages. Students will solve more than 100 programming problems. Regular assignments to test learning of the students on the platform. • Live 1-1 mentor support for students to get their doubts cleared in real-time while learning on the platform. Analytics dashboard for faculties to monitor student progress. Industry recognized certificates of completion & excellence for the students.</p>
13	Internshala		27th April 2017		<p>This MoU between AICTE and Internshala will outline the collaboration to facilitate internships for students enrolled in AICTE approved academic institutions.</p>
14	Faculty of Applied Logistic and Polymer Sciences University of Applied Sciences Kaiserslautern Pirmasens, Germany		30th January 2023	5 years	<p>promote the academic collaborations and exchanges, that will be based upon mut Interest of both institutlons. The agreement will basically cover airm their Intent Exchange of faculty/staff members; Exchange of students maximum of five students eachway annually: Informing students about English taught Master programs; MCo-ordination in joint projects, seminars, conferences, etc. Other activities based on the agreement between the two institutions/parties. The twol parties agree to prvide applicants from the partner University for Masto Programs with a higher priority. Expenses incurred from participation in the exchange program will be borne by the sendin Side or the participating individuals Consultancy and agreement between the twe institutions must be done before the implementation of any particular exchange program</p>

15	Peketi Ventures Private Limited	CIVIL	9th April 2019	3 years	2.1 This collaboration shall not be exclusive to both parties and shall not disallow each party from having similar collaboration with others. Except as expressly stated in this MOU, there shall be no obligation on any party to compensate the other in any manner to make any claim. 2.2 Each party shall meet the expenses between them as mutually agreed. 2.3 Each party shall respect the others intellectual property (IP) and shall not use any trade name, trade mark, symbol or designation belonging to the other, without prior written approval. No party shall hold out as an agent or representative of the other or create any liability for the other. The parties shall indemnify the other for breach of this clause. 2.4 Both parties shall maintain confidentiality about any information, plans, discussions, strategies or any material which shall be deemed to be confidential and marked accordingly.
16	BrainWiz Education	PLACEMENT CELL	19th June 2020	3 years	2.1 Virtual Training: BRAINWIZ EDUCATION and Institution interaction will provide an insight into the latest developments technologies; the Second Party to permit the Faculty and Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work. 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements. 2.3 There is no financial commitment on the part of the first party Muffakam jah college of Engineering and Technology to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately. 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.
17	Careertuner		18th June 2020		2.1 Virtual Training: Careertuner , interaction will provide an insight into the latest developments / technologies; the Second Party to permit the Faculty and Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work. 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements. 2.3 There is no financial commitment on the part of the first party Muffakam jah college of Engineering and Careertuner, to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required
18	Cyient Limited	PLACEMENT CELL	4th December 2017	1 years	1 The objectives of this MoU is to empower the students of <College/Institution> With technical skills, behavioural competencies and industry-process oriented and enable them Successful industry-needy, future-proof, deployable fresh talent enhancing their employability.2 In order to help students acquire the required skills and to this intent, both parties propose to create a Train and Hire model by working together investing concerted Collaborative efforts.3 Srng knowledge and capability and become trusted partners in the area of knowledge enrichment for for mutual benefits.

19	Green Olive Control Systems		1st June 2020	3 years	<p>2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.</p> <p>2.2 Curriculum Design: F i r s t & Second Party will share valuable inputs to the in teaching/ training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.</p> <p>2.3 Skill Development Trainings: Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs /Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.</p> <p>2.4 Value Added Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.</p> <p>Both Parties have agreed to carry out the joint research activities in the fields of AI, ML, Data Science, Block Chain, Embedded Systems, IoT, VLSI, Electric Vehicle, Renewable Energy, Software Domains and any technology domains that the Second Party has expertise through</p> <p>2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the a b o v e fields.</p> <p>2.6 Guest Lectures & Faculty Development Programs: Second Party to extend the necessary support to deliver guest lectures and coordinate Faculty Development Programs to the Staffs and student community, who have / will enroll with the First Party on the technology trends and in house requirements.</p> <p>2.7 Placement of Trained Students: Second Party will actively engage to help the delivery of the training and placement of students into internships / jobs.</p> <p>2.8 Internship: Second Party will engage and train the students as per the industrial demands in terms on Internship Programs.</p> <p>2.9 Projects and Research Work : Second Party will provide the necessary support to the student’s community to complete their projects and the research works.</p> <p>3.0 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein</p>
20	Qspiders Campus Connect	PLACEMENT CELL	20th August 2021	3 years	<p>2.1 Training: QSPIDERS and Institution interaction will provide an insight into the latest developments technologies; the Second Party to permit the Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work</p> <p>2.2 There is no financial commitment on the part of the the first party Muffakam jah college of Engineering and Technology o take up any program mention in Mou</p> <p>2.3 Both Parties to obtain all internal approvals, consents, permissions of whatsoever nature required.</p>
21	Bolt IoT (Inventrom Private Limited)	PLACEMENT CELL	19th April 2022	3 years	<p>This MoU between the college and the industry training partner will outline the collaboration to facilitate hands-on online/offline trainings for students enrolled under the college and make them job-ready.</p>
22	Corning Incorporated		1st February 2021	2 years	<p>WHEREAS, Corning and Recipient desire to engage in discussions for purposes of: (i) investigating, developing, or furthering a research relationship between the Parties relating to materials characterization; and (ii) for Corning, to develop, make, use, offer for sale, and sell Corning materials and technologies (the “Purpose”); and</p> <p>WHEREAS, in the course of discussions Corning will disclose to Recipient certain information that Corning deems to be proprietary or confidential; and</p> <p>WHEREAS, Recipient agrees to protect such proprietary or confidential information in accordance with the terms of this Agreement.</p>

23	Careertuner	PLACEMENT CELL	18th June 2020	3 years	2.1 Virtual Training: Careertuner, interaction will provide an insight into the latest developments / technologies; the Second Party to permit the Faculty and Students of the First Party to interact and involve in Training Programs for the First Party. This will provide confidence & smooth transition for students work. 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements. 2.3 There is no financial commitment on the part of the first party Muffakam jah college of Engineering and Careertuner, to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately. 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.
24	Pantech E Learning Pvt. Ltd.	EED	20th January 2021	3 years	2.1 The budding graduates from the institutions could play a key role in technological up- gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge. 2.2 Curriculum Design: First & Second Party will share valuable inputs to the in teaching training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully. 2.3 Skill Development Trainings: Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party. 2.4 Value Added Programs: Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready. Both Parties have agreed to carry out the joint research activities in the fields of AI, ML, Data Science, Block Chain, Embedded Systems, IoT, VLSI, Electric Vehicle, Renewable Energy, Software Domains and any technology domains that the Second Party has expertise through 2.5 Research and Development: Both Parties have agreed to carry out the joint research activities in the a b o ve fields. 2.6 Guest Lectures & Faculty Development Programs: Second Party to extend the necessary support to deliver guest lectures and coordinate Faculty Development Programs to the Staffs and student community, who have / will enroll with the First Party on the technology trends and in house requirements. 2.7 Placement of Trained Students: Second Party will actively engage to help the delivery of the training and placement of students into internships/jobs. 2.8 Internship Second Party will engage and train the students as per the industrial demands in terms on Internship Programs. 2.9 Projects and Research Work: Second Party will provide the necessary support to the student's community to complete their projects and the research works. 3.0 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programmees on the terms specified herein
25	Bolt IoT (Inventrom Private Limited)	PLACEMENT CELL	19th April 2022	3 years	This MoU between the college and the industry training partner will outline the collaboration to facilitate hands-on online/offline trainings for students enrolled under the college and make them job-ready.
26	Binford Research Labs Private Ltd.		5th December 2020		Hereinafter referred to as the Party of the Second Part [which term shall mean and include all its heirs, assigns, successors in interest, legal representatives, etc.] WHEREAS, the party of the First Part is actively pursuing Research & Development in the area of indigenous drones to increase self-reliance for India and reduce the Defendant on external companies in other countries. WHEREAS, in furtherance of the same, the Company has established to make Robust Hardware and Software products related to Robotics and Unmanned aerial vehicles, and the party of the First Part has been collaborating with the Government, Regulatory Authority and other experts in the said field. WHEREAS, unmanned aerial vehicles also known as UAVS or drones have decentralized ir space access, allowing agriculturists, construction workers and other civilian users to integrate areal monitoring into their daily work.T WHEREAS, advancements in the fields such as automation, robotics, miniaturization, materials science, spectral and thermal imaging have resulted in drown enabled solution in areas as diverse as the agricultural, power, infrastructure and telecom structures as well as WHEREAS, party of the Second Part Is an Institute of Technology and Imparts education in various fields of technology. AND WHEREAS, both the parties hereto are desirous of entering into this Memorandur of Understanding on research, product R & D and Internship.
27	Telangana Academy for skills and Knowledge (TASK)	Certificate	Academic year 2019-20		Education, Employability and Enterpreneurship

28	Telangana Academy for skills and Knowledge (TASK)	Certificate	Academic year 2020-21		Education, Employability and Enterprenuership
29	Tech Next Lab (TNL)		20th January 2020	2 years	<p>OBJECTIVES OF INDUSTRY-ACADEMIC INTERACTION PROGRAMME</p> <p>The major objectives for which the parties associate with each other are:</p> <p>a. To effectively share the facilities and expertise for improving the capabilities for advanced education and research.</p> <p>b.To facilitate academic and research interactions among employees of both Institutes.</p> <p>c. Increase the relevance of the academic research and consultancy in the research and product development initiatives at Muffakham Jah College of Engineering and Technology</p> <p>d. Collaborate to share and exchange information between both parties for mutual benefit and knowledge enhancement.</p> <p>e. To enable the use of laboratories and test facilities in Muffakham Jah College of Engineering and Technology on a preferential basis by TNL and vice versa.</p> <p>f. To provide opportunity for students from undergraduate, graduate, and research scholars of Muffakham Jah College of Engineering and Technology to undertake industrial training and projects in TNL for mutual benefit.</p> <p>g. To encourage the training of employees of TNL in Continuing Education activities, Skill development activities and Subject up gradation workshops using the facilities of Muffakham Jah College of Engineering and Technology</p> <p>h. To provide expert faculty from TNL for academic and training programmes of Muffakham Jah College of Engineering and Technology.</p> <p>i. To provide advice in formulating curriculum and syllabus of courses of Muffakham Jah College of Engineering and Technology by the experts from TNL.</p> <p>J. To conduct joint/collaborate research and consultancy.</p>
30	iHub-Data,IIIT,Hyderabad	CSED	25-04-2024	25-04-2025	Internships, Projects and Research,Conferences
31	Cyber Security Centre of Excellence	CSED	13-12-2023	13-12-2028	Research,Innovationa and Incubation
32	SkillDzire Technologies Private Ltd	CSED	01-05-2022	01-05-2025	Workshops,fdps etc
33	HBL Power Systems Limited	Mechanical	09-02-2021	09-01-2025	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
34	Skill Dezire Technologies Private Limited	Mechanical	04-05-2022	04-04-2025	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
35	M/S Esmario Export Enterprises Pvt., Ltd.	Mechanical	21-04-2022	20-04-2025	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
36	Deraz Engineers	Mechanical	16-05-2022	15-05-2025	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
37	University of Applied Sciences Kaiserslautern	Mechanical	28-12-2022	27-12-2027	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
38	Advanced Tooling Systems	Mechanical	27-07-2024	26-07-2027	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc
39	Sahara Industry	Mechanical	27-07-2024	26-07-2027	Placement, Internship, consultancy projects, Student projects, training, industrial visits, etc