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CK 780082

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (MoU) entered into and executed at **Kilakarai** on 26 November 2021.

BETWEEN

Mohamed Sathak Engineering College an educational institution having its campus at Sathak Nagar, SH 49, Kilakarai, Tamil Nadu 623806 represented by its Head – Research and Industrial Relations, **Dr. Mayilvelnathan.V** and **Jet Aerospace Aviation Research Centre** where high quality Research and Development in Aerospace/Aviation sector is carried out and is located at Kanjikode Industrial Area, Palakkad, Kerala 678623 represented by **Ms. Arul Jyothi D**, Admin Director, Jet Aerospace Aviation Research Centre to establish the Center of Excellence/Incubation Center at the institutional premises.

The memorandum of understanding states the terms and conditions under which On-site Programs and Research Activities shall be conducted in the established Center of Excellence/Incubation Center by Jet Aerospace Aviation Research Centre, Palakkad at Mohamed Sathak Engineering College, Kilakarai for the benefit of students from all the departments and lists herein the respective responsibilities of Mohamed Sathak Engineering College and Jet Aerospace Aviation Research Centre.

NO 67578
Value Rs. 100/-
Said to: Jet Aerospace Aviation Research Centre
Date on: Palakkad 24.11.2021
26/11/2021

P. RAVINDRANATHAN
DISTRICT COURT VENDOR
PALAKKAD




OBJECTIVES/PURPOSE OF THIS AGREEMENT:

1. To establish the Center of Excellence (UAV/Space Research) to improve the skill set of engineering students in Research and Development sector and help them employable.
2. Center of Excellence is a shared facility which can be utilized by students to enhance their knowledge and skills in specialized areas. Students can use the facilities of all our center of excellences in various states for their academic purposes.
3. Through this Centre of Excellence activity, students will gain ability to bridge the gap between college education and requirements of Research & Development in Aerospace & Aviation sector.
4. Both parties accept the Roles and Responsibilities stated on their behalf and will work together for the betterment and benefit of students without breach of any clause stated.

ROLES AND RESPONSIBILITIES OF JET AEROSPACE:

1. The Center of Excellence will be active throughout the year. Through this we would like to **incorporate Research Activities, short/long term training sessions** on Aerospace/Aviation sector & improve the skillset of engineering students in Research and Development and help them employable.
2. Center of Excellence is a **shared and mutual technology transfer facilities** which can be utilized by students to enhance their knowledge and skills in specialized areas. Students can visit and use the facilities of all our center of excellences in various states for their academic purposes.
3. To provide **Placement opportunities, On Job Trainings and Internship Trainings** for best students with core knowledge in aeronautical engineering basics.
4. To involve students of Aeronautical and Aerospace Engineering in **Technical Research Activities** in the field of Satellites, Space, Missiles and Unmanned Aerial Vehicles and Systems.
5. Students can transform their innovative ideas into working product by our **product developments** in the field of Aeronautical/Aerospace Engineering with support of Aeronautical Sector Skill Council (ASSC). The developed products can be outsourced to our clients and sister concerns. The developed products can be used for welfare activities of our society.
6. Through Center of Excellence beneficiaries can avail funds for **Research Projects with our technical support as Industrial Partner**. The funds can be availed from AICTE, MSME, NSTEDB, ASSC, MHRD, DST, etc., A separate team can be formed for this purpose.
7. To conduct **IIRS - ISRO Outreach Programme** for all students and faculty members at free of cost. This is common to all departments. The students can enhance their knowledge in Remote Sensing, Education Satellite, and Satellite Communication Technology through these certified courses by eminent scientists of ISRO. Faculty Development Programs and Onsite short term courses in IIRS-ISRO center at Dehradun can be facilitated through Center of Excellence.
8. Through Center of Excellence **Long term and Short term credit courses**, Value Added courses for students from Aeronautical, Aerospace and Avionics can be conducted in the field of


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UAV/Drones, Nano Satellites and Communications, Rocket and Missile Technology, Airline and Airport operations, Airline Safety and Security.

9. Students can take up **On Campus Research Internship Trainings** on various specialized topics like Unmanned Aerial Vehicles & Testings, Drone Technology & Systems, UAV Pilot Training, Airline and Airport Operations, Airline Safety and Security, Nano Satellite and Sensors, Arduino and Internet of things (IoT), Smart Farming Technologies.
10. **Guidance for Academic projects through the Centre of Excellence** will be provided to students from Aeronautical Engineering Department.
11. If the Students are interested and innovative then ASSC student Chapters can be established through COE which will be beneficial for students.
12. To facilitate knowledge transfer by conducting **Conferences, Workshops, Seminars and Project Expo** twice on every semester which is hands on trainings and it will bridge the gap between academics and Industrial Requirements.
13. **Entrepreneur Development Programs and Faculty Development Programs** can be provided for faculties and students.
14. **Our Mentors can be invited as Resource Persons** for events and programs to inspire students. The hospitality and other expenses for them can be provided by the management.
15. To provide **Lab equipment and services** if required by management in terms.
16. **If required any events or training programs can be conducted at Centre of Excellence** in college campus. The quotations can be discussed at that time.

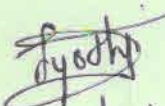
ROLES & RESPONSIBILITIES OF MOHAMED SATHAK ENGINEERING COLLEGE:

1. To create the awareness among the students about establishment, importance of Center of Excellence and activities conducted under COE from time to time.
2. To engage Jet Aerospace Aviation Research Center in all possible programs by discussing the terms according to the nature of the programs.
3. To give preference to our quotations in all occasions and to discuss the terms of MOU with other organizations in same field of operations.
4. To provide Lab for Center of Excellence, Admin cabin with relevant Hardware facilities. Computer lab, Seminar Halls, Class Rooms & Audio/Video systems for conducting training sessions & research activities.
5. To provide staff coordinators and student volunteers from each department to coordinate and report the activities in Center of Excellence and to mutually coordinate and work with Jet Aerospace in all activities.
6. To provide accommodations to staffs of our organization according to their standard during their visit to campus for research and training purposes.

COORDINATION:

- **Dr.Mayilvelnathan.V** - Head – Research and Industrial Relations

Will be acting as Chief Convenor of the Center of Excellence who in turn will work in close relationship with Jet Aerospace. The convenor can suggest their valuable ideas for development of COE and also the activities which is in common interest of their students. It is to be noted that The


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Chief Convenor can appoint staff coordinators who will conduct the meetings and coordinate the activities of COE and report the progress of activities from time to time which in turn will be discussed with college management and Jet Aerospace Officials.

TIME FRAME:

This MoU is valid for 5 years from the date of signing and will be renewed for a further period if both the parties agreed to extend the relation.

JURIDICTION:

Jet Aerospace Aviation Research Center and its staff members are answerable only to the Head of the Organization and the Institution management.

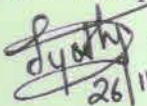
All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of Understanding or breach thereof shall be settled by both parties through discussion of terms binding them.

The Above terms detailed in this Memorandum of Understanding alone shall govern the participation agreed to between Mohamed Sathak Engineering College, Kilakarai and Jet Aerospace Aviation Research Center, Palakkad.

This Memorandum of Understanding shall come into effect from 26/11/2021.

In witness whereof the parties hereto have affixed their signatures to this agreement on this day.



For Jet Aerospace Aviation Research Centre


26/11/21

Ms. Arul Jyothi D
Admin Director,
Jet Aerospace Aviation Research Center.



For Mohamed Sathak Engineering College

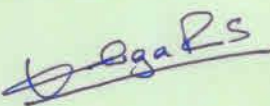

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Dr. Mayilvelnathan.V
Head – Research and Industrial Relations,
Mohamed Sathak Engineering College.

HEAD

**RESEARCH AND INDUSTRIAL RELATIONS
MOHAMED SATHAK ENGINEERING COLLEGE
KILAKARAI - 623 807**

WITNESSES:

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