


## **Memorandum of Understanding from the year 2019 to 2024**

<b>Year</b>	<b>Memorandum of Understanding</b>
2019-20	Research agreement to collaboratively work on IoT enabled local power generation (Green Power)
2020-21	MoU between DTU and Aksaray University, Turkey
2020-21	MoU for collaboration between the Indian Navy and ECE Dept.
2021-22	MoU between DTU and Calibyte Private Limited
2022-23	MoU between Controller general of Patents, Design & Trademarks & DTU
2023-24	MoU agreement between FLAIRE and DTU
2023-24	MoU between DTU and Yuan Ze University, Taiwan
2023-24	MoU between iHub Drishti Foundation, IIT Jodhpur and DTU

## Research agreement to collaboratively work on IoT enabled local power generation (Green Power)

 दिल्ली प्रौद्योगिकी विश्वविद्यालय  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering) **DTU**

**RESEARCH AGREEMENT**

This Agreement is made and entered in to as of 30<sup>th</sup> October, 2019 by and between "BIO Electrical & Energy Systems" MSME Company registered under the Companies Act 1956 and having its office at Hyderabad, hereinafter referred to as "COMPANY", of the FIRST PART,

AND

Delhi Technological University, Delhi a research and educational institution in technology and engineering disciplines established by a special act of Parliament of Republic of India having its office at Shahbad Daulatpur, Bawana Road, Delhi -110042, India, hereinafter referred to as 'DTU', of the SECOND PART.

Company and DTU are collectively referred to herein as 'Parties'.

Whereas Company is engaged in the business of Energy Systems research, development and services.

Whereas DTU is among the premier research and development (R&D) institutions in India and a center of excellence in higher learning, research and development.

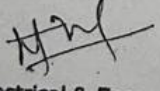
Whereas both Parties here to have agreed to jointly work on a Project titled "IoT enabled local power generation (Green Power)" of mutual interest under terms and conditions mutually agreed upon by the Parties


Whereas the Parties desire to record the broad terms and conditions that are jointly accepted and agreed to in this Agreement as contained here under.

**1. DEFINITION**

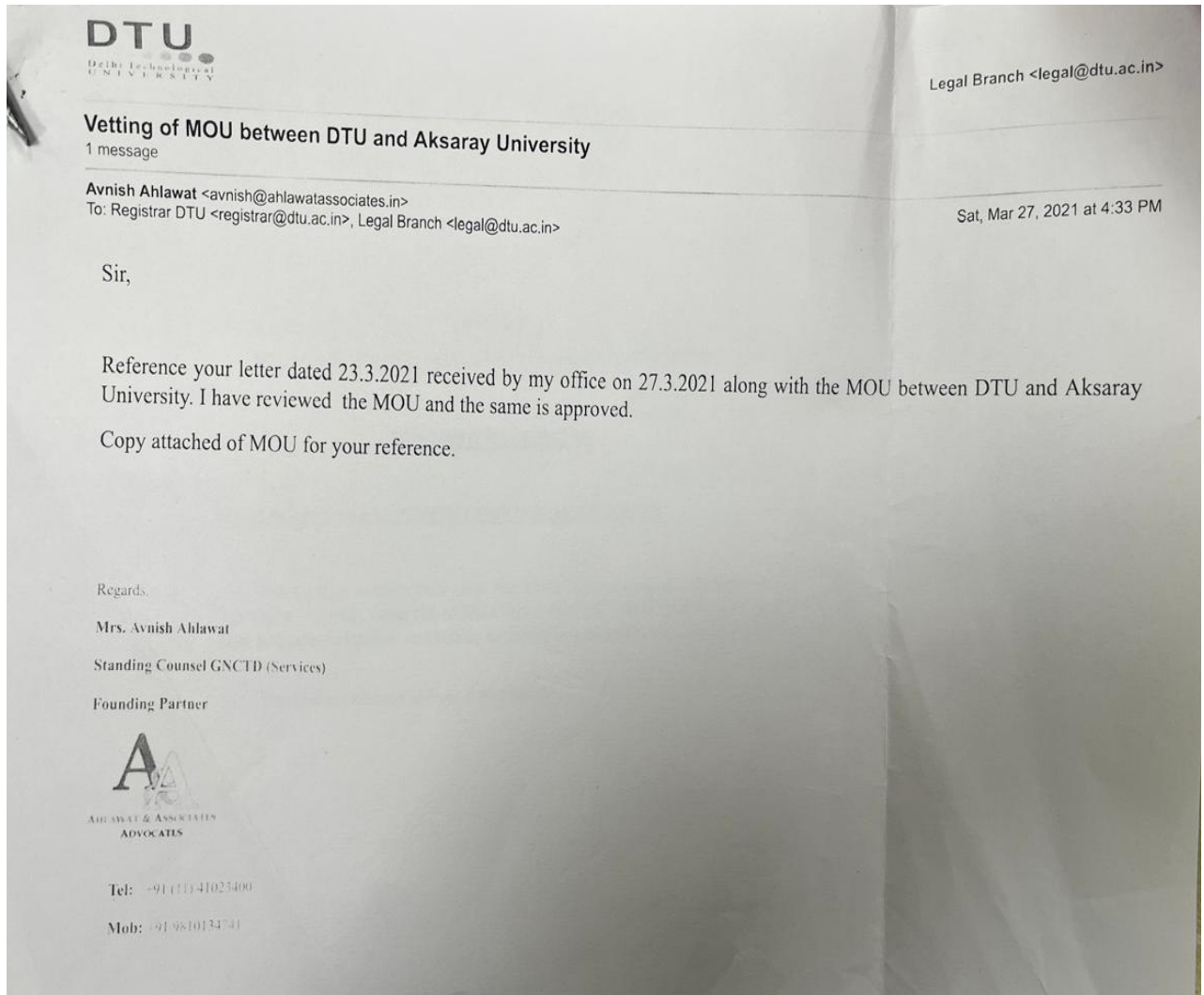
- 'Project' shall mean and include the above mentioned Project under the Agreement, the terms and conditions for execution of which shall be jointly agreed upon, in writing.
- COMPANY know-how' shall mean and include all know-how of methods, material, software, designs, patterns, formats, proprietary technical literature, and information developed, owned and provided by COMPANY, which are required for the Project.
- 'DTU know-how' shall mean and include all know-how of methods, material, software, designs, patterns, formats, proprietary technical literature, and information developed, published or otherwise owned and provided by DTU, which are required for the Project.
- 'COMPANY Personnel' shall mean the personnel or research and development engineers of the Company deputed for the Project.
- 'DTU Personnel' shall mean the faculty members and / or scientists and /or students and / or staff of DTU deputed for the Project.
- "Principal Investigator" shall mean the individual, employee of DTU, having the responsibility of conducting and supervising the Project under this agreement. Prof. N. S. Raghava and Prof. K. Srinivas will be the Principal Investigator and Co-Principal investigator who will be associated under the project under this agreement.

SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042, INDIA  
OFF.: +91-11-27871018, FAX.: +91-11-27871023, WEBSITE : www.dce.edu, www.dce.ac.in



  
**CEO**  
**Bio Electrical & Energy Systems**  
76, Prashanth Nagar Colony West,  
Malakpet, Hyderabad-500036,  
Telangana State, INDIA.

  
**Registrar**  
**Delhi Technological University**  
(Govt. of NCT of Delhi)  
(Formerly Delhi College of Engg.)  
Shahbad Daulatpur, Bawana Road,  
Delhi-110042

## MoU between DTU and Aksaray University, Turkey



## MoU for collaboration between the Indian Navy and ECE Department



**Memorandum of Understanding between Indian Navy and  
Delhi Technological University, Delhi  
On  
Indian Naval Students Engagement Programme (IN STEP)**

**Preamble**

1. **Indian Navy (First Party):** In support of India's growing security needs and responsibilities, the Indian Navy (IN) has the vision to create and sustain a three dimensional; technology enabled and networked Blue Water navy for safeguarding India's Maritime interests and being the preferred 'security partner' in Indian Ocean Region. The IN recognises the central role of Indian Colleges/Institutions/Universities in development of futuristic technology and is also committed to innovation and indigenisation.


2. **Delhi Technological University, (Formerly Delhi College of Engineering) Delhi (Second Party):** Colleges/ Institutions/ Universities are in a unique position to develop futuristic combat technology by harnessing talent available within the campus. Delhi Technological University (DTU), Delhi, a research and educational institution in science, technology, engineering and management disciplines and herein after referred as DTU, Delhi which expression, unless repugnant to the context shall mean and include its successors and assigns of the second party.

**Purpose**



3. With a view to encourage defence manufacturing, indigenization and innovation in the country in keeping with the Government's articulated vision of *ATMANIRBHAR BHARAT* and 'Make in India', IN and Delhi Technological University (DTU), (Formerly Delhi College of Engineering), Delhi (hereafter referred to jointly as "parties" and individually as 'party') enter into this Memorandum of Understanding (MoU).

4. The parties shall jointly work to promote culture of innovation and research in futuristic combat technologies pertaining to defence. The fields shall include, but not be limited to, Underwater weapons & sensors, Missiles, Guns, Ammunition, Radar, Hyper Velocity Projectiles, Unmanned Aerial/ Underwater/ Surface Vehicles, Combat Management System, Geospatial sciences, decision support etc to develop and enhance fighting capabilities of IN.

Page 1 of 4



(अरुण फाल्गु गोलाया)  
(Arun Falga Golaya)  
कमोडोर / Commodore  
कमोडोर टीडीक / Cmdr TDAC  
संयुक्त मुख्यालय रक्षा मंत्रालय (नौसेना)  
Integrated HQ MoD (Navy)  
नई दिल्ली / New Delhi-110011





## MoU between DTU and Calibyte Private Limited



### DELHI TECHNOLOGICAL UNIVERSITY

Established by Govt. of Delhi vide Act 6 of 2009  
(FORMERLY DELHI COLLEGE OF ENGINEERING)  
BAWANA ROAD, DELHI-110042

No. DTU/ECE/MOU/2021-22/297/571/800

Dated: 16/8/21

To,

Mrs. Avnish Ahlawat, Adv.  
Plot No. 66, LGF, The Hub,  
Okhla Industrial Estate, Phase-3  
New Delhi-110020

**Sub: Legal vetting of MOU between Delhi Technological University and Calibyte Pvt. Ltd.**

Madam,

Please find enclosed herewith the abovesited Memorandum of Understanding for the purpose of legal vetting.

You are requested to treat this as urgent.

Thanking you,

Yours sincerely,

A handwritten signature in black ink, appearing to be 'R. Kaulshik'.

(Dr. R. Kaulshik)  
Dy. Registrar (Legal)

*no financial commitment.*

*(AR)  
20/8/2021*

### Memorandum of Understanding

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on 26<sup>th</sup> July 2021 by and between

Delhi Technological University, Bawana Road, Shahbad Daulatpur Village, Rohini, Delhi 110042, India represented herein by its Prof. NS Raghava (hereinafter referred to as 'First Party', the institution whose expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns),

and

Calibyte Private Limited, Kurukshetra, Haryana 136118, India, and represented herein by its Director, Mr. Pawan Kumar, (hereinafter referred to as "Second Party", company whose expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party') as

Whereas:

A) First Party is a higher educational institution and Second Party is a private company, respectively named:

- (i) Delhi Technological University
- (ii) Calibyte Private Limited

B) First Party and Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities and create value for both parties.

C) The Parties intend to cooperate and focus their efforts on cooperation within the area of skill-based training, internship, R&D services, and other related services.

D) Both Parties, being legal entities in themselves, desire to sign this MoU for advancing their mutual interests.

E) Calibyte Private Limited, the Second Party, is engaged in business, manufacturing, skill development, digital and agility transformation, education, robotics, internet of things, and R&D services in the fields of information technology including computer hardware and software, electronics and communication and related fields.

# Permission for MoU between Controller general of Patents, Design & Trademarks & DTU



GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE & INDUSTRY  
OFFICE OF THE CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADEMARKS  
SEMICONDUCTOR INTEGRATED CIRCUITS LAYOUT DESIGN REGISTRY,  
BOUDHIK SAMPADA BHAWAN, PLOT NO. 32, SECTOR-14, DWARKA,  
NEW DELHI - 110078, INDIA  
E-mail: delhi-patent@nic.in Website: www.ipindia.nic.in  
Tel.: 011-25300200 Fax: 011-28034301,02

## CONSULTANCY AGREEMENT

This Consultancy Agreement ("Agreement") is entered into on .....<sup>27<sup>th</sup></sup>.....day of  
.....April..... 2022, by and between

Controller General of Patents, Designs & Trademarks (CGPDTM) (hereinafter referred as CGPDTM) of the FIRST PART;



AND

Department of Electronics and Communication Engineering Delhi  
Technological University, Delhi (DTU) of the SECOND PART; (hereinafter referred as a consultant)



**DELHI TECHNOLOGICAL UNIVERSITY**  
formerly Delhi College of Engineering  
(under Delhi Act 6 of 2009, Govt. of NCT of Delhi)  
Accredited with 'A' Grade (CGPA 3.22 out of 4.0) by NAAC (1st Cycle)  
ISO 9001:2015 Certified

The CGPDTM and the Consultant are collectively referred to as the "Parties" and individually as a "Party".

Registrar  
Delhi Technological University  
(Formerly Delhi College of Engineering)  
Shahbad Daultpur, Bawana Road,  
Delhi-110042

Anant Prakash Shrivastava  
Assistant Controller of Patents & Designs  
Govt. of India, Patent Office  
(Ministry of Commerce & Industry)  
Boudhik Sampada Bhawan, Plot No. 32,  
Sector-14, Dwarka, New Delhi-110078



## MoU agreement between FLAIRE and DTU

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter "MOU") is made and entered into on 12<sup>th</sup> of September, 2019 at Ahmedabad, by and between:

1. Adani Defence Systems & Technologies Limited, a company duly organized and existing under the laws of India and its registered office at Adani House, Near Mithakhali Six Roads, Navrangpura, Ahmedabad 380 009, (India), (hereinafter referred to as 'ADSTL' which expression shall include its successors and assigns)
2. Delhi Technological University, formerly known as the Delhi College of Engineering, a premier public university located in New Delhi, India and existing under the laws of India with its registered office located at Main Bawana Road, Shahbad, Daulatpur Village, Rohini, Delhi, 110042, (India), (hereinafter referred to as 'DTU' which expression shall include its successors and permitted assigns) represented by authorized signatory as nominated by the DTU.
3. Flaire Unmanned Systems Private Limited, a company duly organized and existing under the laws of India and is having its registered office at A 603, Garden Estate Apartment, Plot No. 5 B, Sector 22, Dwarka, Delhi 110075, (hereinafter referred as 'FLAIRE', which expression shall include its successors and permitted assigns).

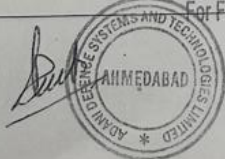
#### RECITALS

- Whereas** 'ADSTL' is a wholly owned subsidiary of Adani Enterprises Limited. ADSTL is a potential contractor for design, development, manufacture, repair and overhaul of aerospace and defence platforms for the Indian Armed Forces as well as civil aviation markets which include but not limited to Unmanned Systems.
- Whereas** 'DTU' is one of India's premier institution in Engineering and Technology offering Under Graduate programs and Post Graduate programs in addition to MBA in its School of Management. The University has an illustrious history spanning over 71 years, its predecessor, Delhi College of Engineering, has been reconstituted as Delhi Technological University in July 2009 through Delhi Act 6 of 2009.
- Whereas** 'FLAIRE' is a company established with the objective of research, design, development, manufacturing and marketing of Unmanned Systems, including Unmanned Vehicles and related equipment.
- Whereas** 'ADSTL' and 'DTU' and 'FLAIRE' are desirous to undertake research pertaining to 'Unmanned Systems Technology' and to collaborate for participation in the 'Meher Baba Competition'.

ADSTL and DTU and FLAIRE hereinafter also referred to individually as "Party" or collectively as "Parties".

*Spn* **NOW, THEREFORE**, in consideration of these premises and of the mutual  
Delhi Technological University  
(Govt. of NCT of Delhi)  
Shahbad Daulatpur, Bawana Road  
Delhi 110042

For FLAIRE UNMANNED SYSTEMS PVT. LTD.



*Karsh*  
DIRECTOR

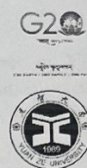
*Jibin*



## MoU between DTU and Yuan Ze University, Taiwan



### GENERAL AGREEMENT FOR COLLABORATION By and Between Delhi Technological University, Bawana Road, Delhi, INDIA and Yuan Ze University, Taiwan



This General Agreement for Collaboration (GAC) is entered into as of..... (the "Effective Date"), by and between **Yuan Ze University, Taiwan**, a University located in **Taiwan** and **Delhi Technological University**, located in **New Delhi, India**.

RECOGNIZING that DTU is a University in New Delhi, India offering Bachelor, Masters, and Doctoral programs in Science, Engineering and Management

RECOGNIZING that Yuan Ze University, Taiwan is a research and teaching university at Taiwan offering a broad range of teaching programs in Engineering, Electrical and Communication Engineering, Informatics, Management, and Humanities and Social Sciences.

RECOGNIZING the mutual interest in the fields of education, research, training and development and dissemination of knowledge and also

RECOGNIZING the importance of institutions of higher education's role in promoting international collaboration

RECOGNIZING the importance of collaborative research in growing areas of research such as semiconductors, big data, artificial intelligence, smart manufacturing, energy, telecommunications and gerontechnology.

THE PARTIES HEREBY agree to establish collaboration according to terms and conditions set out in the Articles following hereunder.

#### ARTICLE I: SCOPE OF THE COLLABORATION

The purpose of this Agreement is to facilitate academic and research cooperation between the parties hereunder based upon the principles of mutual benefit and may include the following general cooperation areas:

##### General Areas of Collaboration

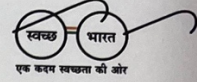
- 1.1 Joint educational and research activities;
- 1.2 Team taught courses, including online courses;
- 1.3 Exchange of visiting scholars for the purpose of conducting research. The sponsoring party of individual visitor, will be responsible for the cost of such accommodation and travel costs of the sponsored/nominated visitor. If visiting scholars register in academic course(s) they will be required to pay the normal tuition fees to the host institution;
- 1.4 Discussion for the exchange of undergraduate and graduate students for collaborative or independent research based on the policies of both institutions;
- 1.5 Placement of students in paid internships and co-ops, when possible through placements by the host university, providing they meet the legal criteria of the host country;
- 1.6 Exchange scholarly information including research papers, indices to thesis, books and magazines on relevant subjects and potential joint projects where possible and appropriate;
- 1.7 Extend invitations for attending scholarly meetings and national and international conferences;
- 1.8 Organizing joint Seminars/Conferences/Workshops/Symposiums etc. in the two countries;
- 1.9 Organizing activities jointly in social and cultural areas;
- 1.10 Promote cooperation with third organizations based on common interest, international education, research and other networks with prior written approval of the both parties;



## MoU between iHub Drishti Foundation, IIT Jodhpur and DTU



दिल्ली प्रौद्योगिकी विश्वविद्यालय  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering)



### AGREEMENT

This Memorandum of Understanding (MoU) hereby signed and entered into as of this 22<sup>nd</sup> day of February month 2023

### BY AND BETWEEN

**iHub Drishti Foundation**, a Section 8 Company incorporated under the Companies Act, 2013, established and promoted by Indian Institute of Technology, Jodhpur, having its registered office at Indian Institute of Technology Jodhpur, NH-62 Karwad, Jodhpur, Rajasthan-342030, and represented by its PROJECT DIRECTOR as its duly authorized representative (hereinafter referred to as Hub), which expression shall unless repugnant to the context or meaning thereof include its successors, receivers, administrators, permitted assigns and associated companies) as the Other Party.

### AND

**"Delhi Technological University"**, an institute under the Government of Delhi, registered address as Shahbad Daultapur, Main Bawana Road, Delhi - 110042, hereinafter referred as **DTU**.

"Hub" and "DTU" shall be collectively referred to as "PARTIES" and individually as "PARTY".

Wherein, the Hub and DTU, recognize the mutual benefits of collaboration on innovation and Entrepreneurship development and events to explore the opportunity for various innovation related projects in the broad area of Cyber Physical Systems (CPS) for Computer Vision (CV), augmented reality (AR) and virtual reality (VR) and similar technologies between Hub and DTU.

Now, THEREFORE, in consideration of the mutual covenants hereafter contained the parties hereto agree and understand the responsibilities and obligations of the parties in the agreement including terms and conditions, financial arrangements, intellectual property rights, monitoring mechanism, etc.

### (1) PURPOSE OF THIS MOU

The purpose of this MoU is to formalize an intent to collaborate on events and network facilitation to explore opportunities for CPS for CV and ARVR, and related innovation and partnerships between Hub and Spoke with an emphasis on

For iHub Drishti Foundation

This MoU is not intended to create any legally binding obligations, and does not create any relationship of employment, agency, partnership, or joint venture between the Participants.

Director / Authorized Signatory

Registrar

SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042, INDIA  
PH. : 011-27871018, 27871022, 43, 44, 45, FAX. : +91-11-27871023, WEBSITE: [www.dtu.ac.in](http://www.dtu.ac.in)  
Delhi Technological University  
(Formerly Delhi College of Engineering)  
Shahbad Daultapur, Bawana Road,  
Delhi-110042