

## MEMORANDUM OF UNDERSTANDING

This MoU is made this 18<sup>th</sup> day of Jul, 2024

### BETWEEN

**Desh Bhagat University**, an established deemed university, having its Office at Amloh road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab- 147301 (herein after referred to as "**DBU**", which expression shall include its representatives, successors and permitted assigns), being represented by **Registrar or any authorised authority**,

### AND

**Defence Research and Studies innovations**, located at CRA16A, Padmatheertham, UCC Post, Aluva, Ernakulam District, Kerala 683102, India, herein referred to as "**DRaS i**" (which expression shall include its successors & permitted assigns), of the **Second part**.

Both referred to as parties

RECOGNIZING their mutual interest in defence and maritime security and economy, emerging defence technology, research and innovation on a commercial and non-commercial basis and also

RECOGNIZING the urgency of strengthening the India under the "*Self-reliant India*" and "Make in India" and "Blue economy" programs and the need to roll out research and academic projects pertain to Defence and Maritime Technology by mutual cooperation,

HEREBY agree to encourage collaboration according to the terms and conditions set forth in the following articles.

### WHEREAS

**A.** **DBU** is committed to impart high quality education to its students and foster advancement of education in different engineering, scientific and management disciplines. **DBU** is an intensive research educational institution and accredited with the grade 'A+' by the National Assessment and Accreditation Council (NAAC).

**B.** **DRaS i** is a non-profitable Trust founded by a group of like-minded veteran think tanks of the Indian Armed Forces for the betterment of defence research and studies in the country.

C. Both parties are interested in utilizing their intellectual capabilities and pool knowledge to come up with solutions relevant to areas of military, academia and industry to enable innovations and future technologies to the Indian Armed Forces. Focus will be on partnership with defence clusters, academia for training and industry for the larger benefit of Armed Forces and Nation.

D. The purpose of this MoU is to initiate Academia and Research Partnership. The objective of this MoU to reduce the gap between Emerging Defence Industry and academic activities to attain a synergy.

**NOW THEREFORE THE PARTIES SET FORTH THEIR PRELIMINARY UNDERSTANDING AS FOLLOWS:-**

**Article 1**

To establish **digital diplomacy** on a day to day basis between both Institutions.

**Article 2**

'DRaS i' to support **DBU** on academics, research and projects specific to advanced defence, security and marine technologies and to remain as a knowledge partner to **DBU**.

**Article 3**

Institution can conduct joint session, symposia, international conferences, webinars and workshop.

**Article 4**

Share and exchange resources, books, data and research materials from both sides.

**Article 5**

Guide and support **DBU** in setting up a 'Defence and Maritime Innovation projects and start-ups at **DBU incubators**

**Article 6**



## Research

6.1 Institutions to identify and conduct joint research programs with students, faculty as well as at the institution level. **'DRaS i'** to provide subject matter experts for research specific to defence and maritime as per availability.

6.2 **'DRaS i'** to support and guide **'Centre of Excellence' (COE)** specific to research in emerging technologies associated with defence, security and maritime.

## Article 7

### Projects

7.1 Strengthen **"Self-reliant India"** and **"Make in India"** programs and through innovations and **iDex Programs**.

7.2 Identifying and executing interdisciplinary projects that can be collaborated.

7.3 Identifying and supporting defence specific **start-ups at the campus**.

7.4 Executing joint projects funded by **DBU** by harnessing strategic defence technologies with the support of **MSME/ Industry**.

7.5 **Non - Disclosure Certificate** to be signed between **'DRaS i'** and **DBU** for specific projects associated with defense view confidentiality.

## Article 8

### Academic and Placement Support

8.1 Making syllabus and conduct online classes on courses specific to defence and maritime technology as an elective curriculum as well as certified programs for undergraduate, post graduate and integrated courses at **DBU**.

8.2 **'DRaS i'** to arrange visiting faculty online as well as in person at **DBU** on Defense Technology and Systems on an as required basis.

8.3 **'DRaS i'** to provide speakers for **webinar/seminar sessions** on defense aspects to

**DBU.**

8.4 'DRas i' to provide leads for placement of students passing out of **DBU** in defence and maritime domains.

## **Article 9**

### **Adjunct Faculty**

**DBU** to consider armed forces veterans recommended by 'DRaS i' as **Adjunct Faculty or Professor of Practice** who will be involved in virtual / hybrid academic sessions and project activities. These veteran faculty may or may not be in the payroll of **DBU**.

## **Article 10**

### **Intellectual Property, Inventions and Innovations**

10.1 The terms with respect to title to and exploitation of intellectual property (including trademarks and service marks, copyrights, patents designs and confidential information on the subject of such intellectual property, inventions and innovations) will be negotiated on a project-by-project basis in the specific research project agreements referred to in Article-1 and 9 and broadly governed by the IPR policy of both institutions.

10.2 Information on research results and scientific materials (reports, articles, books) will be exchanged freely keeping in mind the mutually agreed provision of Intellectual Property Rights. All Intellectual Property solely conceived and/or developed by **DBU** during the course of this Agreement shall be owned by **DBU**. All Intellectual Property solely conceived and/or developed by 'DRaS i' during the course of this Agreement shall be owned by 'DRaS i'. Intellectual Property jointly conceived and/or developed by 'DRaS i' and **DBU** will be jointly owned by 'DRAS i' and **DBU**.

10.3 For purposes of this Agreement, the term "Intellectual Property" shall mean any and all works and property including, but not limited to, all intellectual properties, ideas, inventions, concepts, products, improvements, innovations, discoveries, developments, methods, formulas, techniques, software, knowhow and writings made,

conceived, reduced to practice, developed, written, or prepared by a party, whether or not patentable or copyrightable and whether made solely by that party or jointly with other third parties. 'DRaS i' and DBU agree to collaborate towards the protection, if appropriate, and application of such Intellectual Property for commercial or other purposes on mutually acceptable terms to be negotiated in good faith between both Institutions

## Article 11

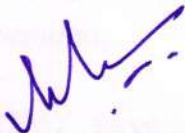
### Administration of MOU

11.1 This MoU shall have an initial duration of **five years** from the date of signature, unless either party gives a six-month notice of termination. This MoU may be extended further, in five year increments by mutual consent.

11.2 Despite the statements and obligations expressed herein, this MoU is a nonbinding expression of the current intentions of the Institutions, and neither Institutions will incur nor be bound to any legal obligations or expense hereunder to the other Institutions until and unless definitive agreements have been negotiated, approved by both Institutions legally.

This MoU is signed subject to approval by both sides.

**For DRaS i**



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**Signature**

Cdr (Dr) Jayakrishnan N Nair (Rtd, IN)  
Co-Founder and Chief Executive Officer  
DRaS innovations  
Kochi,  
Kerala

Date: 18<sup>rd</sup> Jul 2024

**For DBU**



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**Signature**

Mr.  
Registrar  
Desh Bhagat University  
Mandi Gobindgarh.  
Punjab

Date: 18<sup>rd</sup> Jul 2024

