

# MEMORANDUM OF UNDERSTANDING



SRI CHANDRASEKHARENDRA SARASWATHI  
VISWA MAHAVIDYALAYA

AND



ALLIED ENGINEERING



**Memorandum of Understanding**  
**Between**  
**Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya**  
**And**  
**Allied Engineering**

This Memorandum of Understanding (MOU) is entered into on this 11<sup>th</sup> day of May 2026 by and between,

**Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV)**, a Deemed to be University under Section 3 of UGC Act, 1956 and having its office at Sri Jayendra Saraswathi Street, Enathur, Kanchipuram-631561, Tamilnadu, India (herein after referred to as “SCSVMV” which term shall wherever the context so admits mean and include their legal representatives, executors, administrators, agents and assigns) referred to as “First Party”)

And

**Allied Engineering (AE)**, a registered Partnership firm having its office at 505 - Milestone, Drive-In Cinema Road, Ahmedabad - 380059, Gujarat – India (herein after referred to as “AE”, which term shall wherever the context so admits mean and include their legal representatives, executors, administrators, agents and assigns) referred to as “Second Party”.

**Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, (SCSVMV)** a Deemed-to-be University, is unique in its mission to blend modern academic curricula with the timeless values and knowledge systems of India. SCSVMV is a multi-disciplinary institution offering Under Graduation, Post-Graduation and Ph.D. courses in various streams including Sanskrit, Engineering, Commerce, Management, Science, Education, Allied Health Sciences, Law and Ayurveda.

**Allied Engineering (AE)** is involved in product design & development of indigenous engineering systems used in disaster management, surveillance infrastructure, Urban & Utility Environmental Engineering and defence-support technologies.





This MoU establishes a collaborative framework leveraging university academic expertise and Industrial engineering capability.

## OBJECTIVES

1. To promote indigenous technology development through collaborative engineering research.
2. To enable students and faculty to contribute to real industrial engineering systems.
3. To support simulation, validation, testing preparation, and modernization of systems currently under development by Allied Engineering.
4. To design & develop products compliant to qualify techno – qualitative requirements.
5. To provide internships to students with practical exposure, industry-oriented skills, professional mentoring and hands-on experience relevant to their academic curriculum and career development.

## AREAS OF COLLABORATION

1. Projects envisage Multidisciplinary Engineering Participation, which may involve departments including Mechanical Engineering, Metallurgy & Material Sciences Electrical Engineering, Mechatronics Engineering, Electronics & Communication Engineering, Product Design, System Architecture, and Computer Science. The potential contribution by each Engineering Department is, inter alia, specified in Annexure B to this MOU.
2. Activities include Design thinking, design refinement, simulation modelling, engineering validation, subsystem architecture analysis, and performance optimization.
3. The collaboration may support Allied Engineering systems currently under development, demonstration, and client trial phases.
4. Tasks may include modernization analysis, subsystem improvement, and simulation-based validation.
5. A list of Potential Research Projects is given as Annexure A to this MOU. This is an indicative list and more projects may be added to this list with mutual consent of both the parties.





### **RESPONSIBILITIES OF SCSVMV**

1. Assign faculty experts and supervise student working groups.
2. Provide laboratory infrastructure and simulation resources.
3. Support modelling, analysis, validation, and engineering documentation.

### **RESPONSIBILITIES OF AE**

1. Provide project problem statements and system requirements.
2. Define design architecture and engineering constraints.
3. Guide working groups and review project outputs.
4. Define MIL-Military & JSS-Joint Service Standards compliance requirements where applicable

### **WORKING GROUP MODEL**

The Projects undertaken under this MOU may be executed through multiple parallel Working Groups.

Each Working Group shall include SCSVMV faculty guide, AE technical mentor, and SCSVMV student members.

The Working Groups shall focus on design, simulation, subsystem validation, engineering analysis, etc

### **MONITORING & PROGRESS EVALUATION**

Each party shall designate one faculty to serve as Coordinators under this Memorandum of Agreement. Individuals designated as Coordinators may be revised by either party by providing written notice to the current Coordinators.

Progress evaluation and monitoring regarding the outcome of the MoU shall be done regularly (Annually/ biannually/ quarterly). Shortcomings, if any, shall be addressed and amendments have to be done accordingly to ensure the smooth running of the activities targeted in the MoU

### **SCOPE FOR AMENDMENTS/MODIFICATION**

The areas of cooperation may be revised by mutual consent. However, specific programs may require separate agreements detailed out and documented as annexures to this MoU. No amendment or modification of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modification/changes shall be effective from the date on which they are made /executed unless otherwise agreed to.



*Srinivas*





## **FINANCE**

1. This MOU places no financial obligations or supplementary commitments on either party and is an intent to collaborate
2. Financial arrangements, if any, for each specific project agreed under this MOU, will be decided mutually, on a case to case basis, and brought on record in each case after due approval from the competent authorities of the Parties.
3. In any of the projects, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly by the parties and will be recorded in a separate definitive agreement, before starting a project.

## **CONFIDENTIALITY**

Each party shall maintain complete confidentiality of any information of the other, disclosed during the term of this MoU ("Confidential Information"), either directly or indirectly in any form whatsoever including, but not limited to, in writing, in machine readable or other tangible form, orally or visually (subsequently reduced to writing). Both parties undertake to (i) hold all such confidential information in strictest confidence, (ii) not to disclose such confidential information either in whole or in part to any person other than those of its officers, employees and agents who need to know the confidential Information for the purpose authorized hereunder provided that each such officer, employee or agent has agreed in writing to maintain confidentiality of the information for any purpose whatsoever save as may be strictly necessary for the performance of this MoU. This clause pertaining to confidentiality shall survive the term of this MoU and remain in full force and effect notwithstanding any termination of this MoU.

## **INTELLECTUAL PROPERTY RIGHTS**

IPR titles or ownership of any products, proprietary information or technology tools, processes, utilities and methodology including any Proprietary products or components thereof used hereunder or development of any deliverables and all new ideas, inventions, innovations, or developments conceived, developed, contributed, distributed or made by either party hereunder, and all customization, enhancement and modifications thereof, will not be transferred from one party to on account of use of the same as part of any work under this MoU and shall always remain with the originating partner. In case of ideas that are jointly identified and developed, the IPR will be shared by both the parties, and such cases will be agreed upon from time to time mutually.





## TERM AND TERMINATION

1. This MOU will be in force for the period of 5 years from the date of signing, after which period, the MoU may be renewed with mutual consent of both the parties
2. Either party can cancel or terminate this MoU unilaterally (and without reason), by giving an advance written notice of one month to the other.
3. Termination of this Agreement shall not adversely affect or interrupt any ongoing project initiated prior to the date of termination, and all such projects shall continue until completion in accordance with the terms of this Agreement.

## NOTICES

All Notices, requests, demands and other communications under this MoU or in connection herewith shall be given to or made upon the respective parties as follows

Dr.G.Sriram

Registrar i/c

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

Jayendra Saraswathi Street

Enathur, Kanchipuram – 631 561

Mr. Deep Trivedi

Strategic Partner

Allied Engineering

505 - Milestone, Drive-In Cinema Road,

Ahmedabad - 380059, Gujarat – India

Or to such other person or addresses as any of the Parties shall have notified to the others. All Notices, requests, demand and other communications given or made in accordance with the provisions of this MoU shall be in writing by letter/email to the intimated mail ids.

## MISCELLANEOUS

Neither this MoU, nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship. Both parties agree that this MoU represents a non- exclusive relationship between the parties, and nothing contained herein shall preclude either party from participating/initiating similar relationship with third parties.

This MoU shall not be amended without the prior written consent of both parties.





## FORCE MAJEURE

No Party shall be liable or responsible to the other Party, nor be deemed to have defaulted under or breached this Agreement, for any failure or delay in fulfilling or performing any term of this MOU by reason of:

1. Fire, explosion, cyclone, floods, droughts, earthquakes, epidemics.
2. War, revolutions, acts of public enemies, blockage or embargo, riots and civil commotion.
3. Any law, order, proclamation, ordinance or requirements of any government or authority or representative of any such government, including restrictive trade practices or regulations.
4. Strikes, shutdowns or labour disputes which are not instigated for the purpose of avoiding obligations herein.

Any other circumstances beyond the reasonable control of the party affected shall be excused from its performance to the extent such performance related to prevention, restrictions, delay or interference and provided the party so affected used its best efforts to remove such cause of non-performance, and when removed the party shall continue performance with the utmost dispatch.

Each of the parties agrees to give written notice to the other party upon becoming aware of an event of Force Majeure and mentioning details of the circumstance giving rise to the Event of Force Majeure.

IN WITNESS WHEREOF THE parties have set their hands hereto on 11<sup>th</sup> May 2026 first hereinabove written under their respective seal of office at Kancheepuram.

  
Signature & Seal



**Dr.G.Srinivasu**

**Vice Chancellor**

**Sri Chandrasekharendra Saraswathi**

**Viswa Mahavidyalaya**

**Kanchipuram**

Signature & Seal



**Mr.Deep Trivedi**

**Strategic Partner**

**Allied Engineering**

**Ahmedabad**





## ANNEXURE-A: POTENTIAL RESEARCH PROJECTS

- Telescopic mast system structural optimization.
- Deployable mechanical structures for surveillance systems.
- Electromechanical actuation system development.
- Pneumatic system reliability engineering.
- Vehicle mounted deployable engineering systems.
- Wind load simulation for field deployable towers.
- Sensor elevation platform stability analysis.
- Communication antenna support structures.
- Structural fatigue and lifecycle modelling.
- Material optimization for lightweight deployable systems.
- Product Design & Design thinking of existing systems.
- Systems automation.





### ANNEXURE-B: DEPARTMENT CAPABILITY MAPPING

| Department                  | Potential Contribution                                                                                                                                                                                                                      |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical Engineering      | (i) Structural design, load analysis, materials engineering<br>(ii) Material Classification & Selection of advance Material Science<br>(iii) Actuator control, motion systems, automation<br>(iv) System Architecture & Product Development |
| Electrical Engineering      | Power systems and electrical integration                                                                                                                                                                                                    |
| Electronics & Communication | Sensor integration and communication payload interfaces                                                                                                                                                                                     |
| Computer Science            | Control software, simulation modelling tools                                                                                                                                                                                                |

