**Sangeeth VV**

**PROFILE**

An Inquisitive Mechanical Engineer, Teacher and a Defence Aerospace Engineer.

**EDUCATION**

* **M.Tech** **Defense Technology - Aerospace**

**CGPA – 9.57 / 10**

Amrita Vishwa Vidyapeetham

* **Post Graduate Program in Artificial Intelligence and Machine Learning**

**CGPA – 8.03 / 10**

University of Texas at Austin's McCombs School of Business, in collaboration with Great Learning.

* **B.Tech** **Mechanical Engineering**

**CGPA – 9.32 / 10**

College Of Engineering Thalassery

* **Class 12** – 91.3%

Institution: Mattannur Higher Secondary School

* **Class 10** – 95%

Institution: Koodali Higher Secondary School

**TECHNICAL INTERESTS**

AI-ML based System developments

Flight Simulation and Systems

Combat Focused UAV systems

Design Engineering

System Engineering

Defence Researh and Strategy

**PROJECTS**

**Analysis and Study of Mosaic Warfare**

* Detailed Study of Mosaic Warfare, created by the Department of Defence, US.
* Analyzed and compared the effectiveness of Conventional and Mosaic Warfare.
* Developed an algorithmic method for Assessing the Operation.
* Manipulating Potential and Anti Potential methods to get the advantage of Mosaic disruptive power force.

**Designing of Futuristic Wargame**

* Study about long-range Air Strike Missions
* New wargame scenario development
* Study of Effectiveness of Gremlin and Rapid dragon technology
* Development of an Undefendable Attack chain

**Fifth Generation Aerial Warfare**

* Study of Next-generation Network Centric Aerial warfare.
* C4 and C5 ISR-based aerial warfare.
* Tactical methodology and assessing real-time Combat scenarios.
* The practical possibility and Technology Advancement requirement.

**TECHNICAL SKILLS**

Python, C, C++, Leadership, Teamwork, Creativity, Problem Solving, Adaptability, Technical Thinking

**INTERNSHIP**

**Project Intern ,** Aeronautical Development Establishment (ADE), DRDO

**Mechanical Engineering Tutor,** Freelancer

* Thiruvananthapuram -IGNITE SSC Academy- Mechanical Engineering( RRB-JE Syllabus)
* Kannur - KIET Engineering Tuitions - Mechanical Engineering (All subjects)
* Online Independent & Private Tutoring- Mechanical Engineering (All subjects), SSC- JE Syllabus

**ACHIEVEMENTS & HONOURS**

**President Scout Award,** Bharat Scout and Guides

**Qualified GATE- Mechanical**

**Prime Minister's Scholarship Holder**

**EXTRA CURRICULAR ACTIVITIES**

**Joint Convenor ,** Agnitus-2K16, National level Technical Festival, 02/2016,

Conducted by the College of Engineering

Thalassery

**Student Association Secretary**

Department of Mechanical Engineering

College of Engineering Thalassery

**Volunteer**   
National Service Scheme

College of Engineering Thalassery

**Charity Volunteer**

#projectHope

*Thalassery*