



Two Days

## DRDO SPONSORED SEMINAR

On  
"SMART MILITARY BASE — TECHNOLOGY  
CHALLENGES & INNOVATIONS"

### REGISTRATION FORM

Name :  
Gender :  
Designation :  
Institution :  
Address for  
Communication :  
E-mail id :  
Mobile Number :  
DD No with date :  
Name of Bank :  
Amount (in Rs.) :  
Accommodation required : Yes/No

Signature Participant                      Signature  
HOD/Head of the  
Institution with seal

#### Note:

- ★ Accommodation for Pre-Registered participants can be arranged in the hostel on request with minimum cost.
- ★ The participants will have to bear the expenses.
- ★ The Participants should clearly indicate their requirements in Registration Form.

### PROFILE OF THE INSTITUTION

Sethu Institute of Technology, the brainchild of our Founder & Chairman, Mr. S. Mohamed Jaleel, has been rendering its noble service since 1995 catering to the sustained growth of the educationally, industrially and economically backward rural areas. With this focus in mind and with the blessings of the Almighty, our zealous SETHU EDUCATIONAL TRUST established SETHU INSTITUTE OF TECHNOLOGY in the year 1995 at Pulloor - 626 115, Kariapatti Taluk, Virudhunagar District with the motto of "KNOWLEDGE, SERVICE and PROGRESS". The college started with 180 students in the year 1995 with three UG Programmes has recorded a stupendous growth of expanding to the strength of 4800 students with 13 UG Programmes and 5 Post Graduate Programmes. The College which is located on Madurai-Tuticorin National Highway (NH 45B), Pulloor, Kariapatti, Virudhunagar District is just 12 KMs away from Madurai airport. The campus is spread over a sprawling land of 132 acres providing a tranquil and right learning ambience for aspiring students.

### PROFILE OF THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1995 with the aim of imparting quality education to the students. The Department has been accredited by National Board of Accreditation (NBA) and also permanently affiliated by Anna University for UG Programme. The Department has good infrastructure & well qualified faculty members continuously upgrading their knowledge by presenting papers in conferences, attending FDP's to optimize the cutting edge technology prevailing in the field of Information Technology. The R&D Cell of the Department has received funds from agencies like DST, DRDO, ICMR, AICTE, etc..

### ORGANIZING COMMITTEE

#### CHIEF PATRONS

Mr. S.Mohamed Jaleel, Founder & Chairman  
Mr.S.M.Seeni Mohaideen, CEO  
Mr.S.M.Seeni Mohamed Aliar Maraikkayar, JCEO  
Mrs.S.M.Nilofer Fathima, Director-Administration  
Dr.S.M.Nazia Fathima, Director-R & D  
Dr.A.Senthil Kumar, Principal  
Dr.G.D.Sivakumar, Vice Principal  
Dr.S.Sivaranjani, Dean(CS & IT)

#### CONVENORS

Dr.M.Parvathy, Professor & Head/CSE  
Dr.V.Shunmughavel, Professor & PG Head/CSE

#### CO-CONVENORS

1. Dr. R.Rubesh Seivakumar, ASP/CSE,  
Contact No.: 9486965065.
2. Ms. K.Nagalakshmi, AP(Sr.G)/CSE  
Contact No.: 9944035056.
3. Ms.S.Gospelina Christiana, AP/CSE  
Contact No.: 9345220546

### ABOUT THE SEMINAR

The seminar is intended to be a forum to discuss the various techniques and applications in SMART MILITARY BASE TECHNOLOGY CHALLENGES & INNOVATIONS. The success of a Smart Military Base is easy to conceptualize, and the objectives needed to achieve that success are relatively simple to define. The challenges arise as you consider implementing the technology components for such a project, contemplating factors such as cost, time, security, and even privacy depending on the data sets involved. To mitigate the risk, ROI must be clearly achievable, and a reliable and secure platform is needed. Smart Base projects do require an interface and technology to unify and visualize information for analysis. Depending on the objective, the combined solution may perform automated tasks leveraging cloud computing power and work behind the scenes to produce desired results. To integrate, use, and deliver services of Smart Base projects and capabilities.

### TOPICS COVERED

- ★ Introduction to IoT & AI, concepts
- ★ Transforming Military Logistics : IoT & Sensors
- ★ Artificial Intelligence and future of Battlefield
- ★ Introduction to cloud computing, concepts of security
- ★ Challenges of Critical infrastructure adoption of Cloud Computing, Big Data & Cyber Attack
- ★ The Mind-Boggling uses of Augmented and Virtual Reality
- ★ Data security tools and techniques for the cloud and its Applications



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8<sup>th</sup> December 2022  
&  
9<sup>th</sup> December 2022



### Organised By

Department of Computer Science and  
Engineering

SETHU INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution Accredited with 'A' Grade by NAAC)  
Pulloor-626 115, Virudhunagar Dt, Tamilnadu, India,  
Phone: 04566-229706.  
Website: www.sethu.ac.in

### IMPORTANT DATES

Last date for Registration : 06.12.22  
Date of Commencement of  
the Seminar : 08.12.22

### RESOURCE PERSON

Sessions will be handled by Experts from  
Reputed Institutions/ Industries.

### REGISTRATION FEE

Research Scholars / Students : Rs.200/-  
Faculty : Rs.300/-  
Mode of Payment : DD/Cash

### HOW TO APPLY

Registration form duly filled and recommended by the Head of the institution should be sent along with Demand Draft in favor of "The Principal, Sethu Institute of Technology" payable at Madurai on or before 6<sup>th</sup> DEC 2022 to

The Convenor,  
"SMART MILITARY BASE—TECHNOLOGY  
CHALLENGES & INNOVATIONS",  
Department of Computer Science and Engineering,  
Sethu Institute of Technology,  
Pulloor - 626 115, Virudhunagar District  
Website : www.sethu.ac.in