

# Graduate Research in Engineering and Technology (GRET)

---

Volume 1  
Issue 7 *Rockets and Missiles Technologies.*

Article 1

---

June 2022

## Editorial

Shiva Prasad U Mr.

*Sr. Asst. Professor Department of Aerospace Engineering, Sandip University, SOET, NASHIK, MH,*  
shivauaero@gmail.com

M. Suresh Kumar Prof.(Dr.)

*Professor & Head, Department of Aerospace Engineering, SOET, Sandip University, Nashik,*  
*Maharashtra,INDIA., hodaerospace@gmail.com*

Follow this and additional works at: <https://www.interscience.in/gret>



Part of the [Aerodynamics and Fluid Mechanics Commons](#), [Aeronautical Vehicles Commons](#), [Multi-Vehicle Systems and Air Traffic Control Commons](#), [Navigation, Guidance, Control and Dynamics Commons](#), [Other Aerospace Engineering Commons](#), [Space Vehicles Commons](#), [Structures and Materials Commons](#), and the [Systems Engineering and Multidisciplinary Design Optimization Commons](#)

---

## Recommended Citation

U, Shiva Prasad Mr. and Kumar, M. Suresh Prof.(Dr.) (2022) "Editorial," *Graduate Research in Engineering and Technology (GRET)*: Vol. 1: Iss. 7, Article 1.

Available at: <https://www.interscience.in/gret/vol1/iss7/1>

This Article is brought to you for free and open access by the Interscience Journals at Interscience Research Network. It has been accepted for inclusion in Graduate Research in Engineering and Technology (GRET) by an authorized editor of Interscience Research Network. For more information, please contact [sritampatnaik@gmail.com](mailto:sritampatnaik@gmail.com).

## Graduate research in Engineering and Technology (GRET)

### Editorial

---

#### Guest Editor

**Prof. Dr. M. Suresh Kumar,**  
Professor & Head,  
Department of Aerospace Engineering,  
SOET, Sandip University, Nashik, Maharashtra, INDIA.  
Email: [hodaerospace@gmail.com](mailto:hodaerospace@gmail.com)

#### Associate Editor

**Prof. Shiva Prasad U,**  
Faculty of Aerospace Engineering,  
Department of Aerospace Engineering,  
SOET, Sandip University, Nashik, Maharashtra, INDIA.  
Email: [shivauaero@gmail.com](mailto:shivauaero@gmail.com)

Please accept our heartiest congratulations on your publishing of a special edition in the Journal of Graduate Research in Engineering and Technology (GRET). Graduate students will be encouraged to research as they pursue a master's degree in this international journal. Every branch of engineering and technology is represented in this interdisciplinary journal, which chronicles master's students' original projects and theses. Allowing graduate students to share their findings with the world is one of GRET's primary goals. The Elsevier Digital Commons Platform, which has Crossref and a Digital Object Identifier, will let students and their advisors and guides publish their research (DOI).

This special edition is devoted to **Rockets and Missile Technology**, a developing sector that will likely increase significantly as rocket and missile design technology progress. Modern military arsenals must contain advanced guided-weapons technology. As the need for missile and rocket technology grows, they are employed in various applications. Technological advancements additionally highlight the system's capabilities, functions, and applications, improving its efficacy and use. When it comes to combat aircraft, the armaments that go with them decide the price. New technology and applications such as hypersonic weaponry, long-range rockets and missiles, and space-based military equipment produce market upheaval. Current rocket and missile technology encourage potential writers to submit their viewpoints as technical articles and review papers within the framework of this journal, which this issue does after the most current updates.

### *Subject Coverage*

- Computational fluid dynamics
- Flow visualization techniques
- Guidance Navigation and Control
- High-Speed Flows
- Liquid and Solid Propellant Rocket Motor Design
- Missile Technologies
- Missile Attitude and stability
- Materials for Rockets and Missiles
- Rockets and Missile aerodynamics
- Testing techniques of missiles and Rockets

Thank you for your efforts on the special edition of Rockets and Missiles Technologies, particularly recent weeks. We are amazed at how fast authors responded to this issue, and we appreciate all of your efforts in making it a success. Please accept my heartfelt thanks, Prof. Srikanta Patnaik and Mrs. Soma Mitra, for this opportunity and your unwavering cooperation in creating this issue. We want to thank Mrs. Soma Mitra, Secretary, Interscience Research Network in particular. For her assistance, direction, and encouragement in making this issue a success.

**(Prof. Shiva Prasad U.)**

**(Prof. Dr. M. Suresh Kumar)**