Editorial

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Editorial

Guest Editor

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I feel immense pleasure to announce the publication of the special issue in the Journal **Graduate Research in Engineering and Technology (GRET).** This international journal will encourage graduate students to take up the research during their master's degree. This journal is multidisciplinary and covers all branches of engineering and technology to report the unique projects and thesis, which the master students are undertaking during their PG Programme. GRET is focused to recognize the talents of master's degree students and providing the copyright opportunity of their research conducted during their study. Not only the students but their supervisors and guides will also get this opportunity to publish the research work in a reputed Elsevier Digital Commons Platform, which is also having Crossref and Digital Object Identifier (DOI).

The special issue "Emerging Aerospace Technologies in Aerodynamics, Propulsion, and Materials" is published which covers the aerospace domain covering aerodynamics, propulsion, and materials used for aeronautical and aerospace domains. In this issue, the authors have focused on the articles related to experimental and computational work related to aircraft performance, aircraft stability and control, materials, and some other important areas. Most of the papers are based on Project Based Learning which is one of the research-oriented teaching-learning processes recently introduced in National Education Policy 2020 by the Government of India. The issue covered the following fields of engineering but not limited to:

- Experimental Aerodynamics
- Vehicle Aerodynamics
- Flapping Wing Aerodynamics
- Bio-inspired Aerodynamics
- Low Reynolds number flows
- Rotor Wing Aerodynamics
- Computational Methods in Fluid Dynamics
- Nanomaterials, Nano-composites, Polymer Matrix Composites
- Ceramic Matrix Composites
- Finite Element Simulations (Quasi-Static/Dynamic)
- Computational Methods in Flight Control
- Flight Dynamics / Stability and Control

- Design and Development of Unmanned Air Vehicle Systems (UAS)
- Thrust vectoring
- Supersonic combustion
- Supersonic jet flow control
- Combustion instability
- Aircraft Performance

I am sure this issue of journal GRET will cater to the need of the students in engineering and technology and get immense benefit out of the research publication. I on behalf of the Chief Editor welcome the author to contribute more and more articles in the future issues of the GRET. I convey my sincere gratitude to Prof. SrikantaPatnaik for giving me this opportunity and Mrs. Soma Mitra, Technical Editor for providing full support to publish this special issue.

(Prof. Yagya Dutta Dwivedi)