

Name : Dr.P.S.Venkatanarayanan
E-mail : psvenkat@hindustanuniv.ac.in
Designation : Professor
Degree (Highest degree) : PhD in 2012(Anna University)
Experience in Years : Industry: 15 Academic: 18
Specialization : Nanocomposite structures
Research Area : Bullet impact, vibration and mechanical characteristics of Nanocomposite structures



Publication details:

- 1: **Venkatanarayanan, P.S.**, R. Velmurugan and A.J. Stanley, 2011. Experimental characterisation of catalyst-free carbon nanomaterials from mixed vegetable and animal base oils through modified traditional process. *J.Nanomater.*10.1155/2011/959818.
- 2: **Venkatanarayanan, P.S.** and A.J. Stanley, 2012, Intermediate velocity bullet impact response of laminated glass fiber reinforced hybrid (HEP) resin carbon nano composite. *Aerospace Sci. Technol.*, 21: 75-83.
- 3: Kumar, C.K., C. Manikandan, S. Niranjana and **P.S. Venkatanarayanan**, 2014. Conceptual design and analysis of link for arresting slat actuator play in Tejas aircraft. *J. Basic Applied Eng. Res.*, 1: 56-62.
4. Manjukrishna S. and **P. S. Venkatanarayanan**, 2015, Design, Fabrication and Analysis of Open and Closed Section Nano-Composite Beams, *Journal of Material Science and Mechanical Engineering*, Print ISSN: 2393-9095; Online ISSN: 2393-9109; Volume 2, Number 1; January-March, 2015 pp. 91-96 © Krishi Sanskriti Publications.
5. S Subha, D Singh, **PS Venkatanarayanan**, 2017, Thermal, ablation and mechanical properties of carbon-phenolic composites reinforced with zirconia coated graphene nanoplatelets, *Materials Research Express* 5 (1), 014008.
6. S Subha, D Singh, **PS Venkatanarayanan**, N Kavitha, 2018, Experimental Investigation of Mechanical, Thermal and Ablation Performance of ZrO₂/SiC Modified C-Ph Composites, *International Journal of Applied Ceramic Technology*. **30 September 2018**, <https://doi.org/10.1111/ijac.13119>
7. Ramraj Santhanakrishnan, Narayanan Kavithaa, Meenakshi Sundaram, **Pappakudi Srinivasan Venkatanarayanan**, 2018, Effect of Pile Orientation on the Shear Strength of Stitched Foam Sandwich Panel, *Materials Research*. 2018; 21(6): e20171103. DOI: <http://dx.doi.org/10.1590/1980-5373-MR-2017-1103>.

Consultancy project details:

Basic level technical consultancy is being carried out in “ST Advanced Composite Pvt. Ltd., Chennai. No financial benefit.

Honorary Adviser to a Start-up company – CAD Mechanic India Pvt. Ltd. Chennai.

Conference attended/organized:

1. Aerospace & Defense Manufacturing Technologies on 17/08/2018 at Hotel ITC Grand Chola, Chennai.
2. National Conference On Aerospace Technology (NCAT - 2018) 27TH- 28TH SEPTEMBER, 2018.

Book chapters.

1. Advances in Nanotechnology Research and Application: 2012 Edition.
<https://books.google.co.in/books>, ISBN = 1464990468 2012 - Technology & Engineering
2. Issues in Aerospace and Defense Research and Application: 2013 Edition
<https://books.google.co.in/books>, ISBN = 1490105778, 2013 - Technology & Engineering
3. Interface / Interphase in Polymer Nanocomposites
<https://books.google.co.in/books>, ISBN = 1119185181, 2016 - Technology & Engineering
4. Dynamic Deformation, Damage and Fracture in Composite Materials and Structures,
<https://books.google.co.in/books>, ISBN = 0081000839, 2016 - Technology & Engineering

Editorial Board Member

1. International Journal of Research in Science & Technology.
E-ISSN : 2249-0604 | P-ISSN: 2454 – 180X Research Paper by E-mail : info@ijrst.com
2. International Organization of Scientific Research and Development (IOSRD), Member Editorial
3. Association of Scientists, Developers and Faculties [ASDF]