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## **DETAILS OF PUBLICATIONS:**

### **JOURNALS**

- [1]R. Naren Shankar and N. D. Raja, **“Novel Characteristics of Subsonic Coflowing Jets With Varying Lip Thickness,”** J. Aerosp. Technol. Manag., vol. 12, no. 2520, pp. 1–13, 2020.
- [2]R. Naren Shankar, S. K. Bennett, N. D. Raja, and K. S. Kumar, **“Characteristics of a co-flowing jet with varying lip thickness and constant velocity ratio,”** Aircr. Eng. Aerosp. Technol., vol. 92, no. 4, pp. 633–644, 2020.
- [3]R. Naren Shankar and S. Kevin Bennett, **“Characteristics of a co-flowing jet with varying lip thickness and constant bypass ratio,”** Aircr. Eng. Aerosp. Technol., vol. 91, no. 9, pp. 1205–1213, 2019.
- [4] R. Naren Shankar, S. Thanigaarasu, S. Elangovan, and E. Rathakrishnan, **“Co-Flowing Jet Control Using Lip Thickness Variation,”** Int. J. Turbo Jet Engines, Ahead of Print, 2018.
- [5]S. Thanigaarasu, R. Naren Shankar, and E. Rathakrishnan, **“Influence of bypass ratio on subsonic and correctly expanded sonic co-flowing jets with finite lip thickness,”** Proc. Inst. Mech. Eng. Part G J. Aerosp. Eng., vol. 233, no. 7, pp. 2536–2548, 2018.
- [6]R. Naren Shankar, S. Thanigaarasu, and E. Rathakrishnan, **“Numerical characterization of lip thickness on subsonic and correctly expanded sonic co-flowing jets,”** Trans. Jpn. Soc. Aeronaut. Space Sci., vol. 59, no. 3, pp. 134–141, 2016.
- [7][V.Arumugam](#), [R. NarenShankar](#), [B.T.N.Sridhar](#), [A. JosephStanley](#), **“Ultimate Strength Prediction of Carbon/Epoxy Tensile Specimens from Acoustic Emission Data”,** Journal of Materials Science & Technology, Volume 26, Issue 8, 2010, Pages 725-729.

### **CONFERENCES**

- [1]Naren Shankar R., Sathish Kumar K., Dilip Raja N., Shekar K.R.C., Raj N.K., Gupta D. (2021) Numerical Study on Supersonic Co-flowing Jet with Varying Lip Thickness. In: Gascoin N., Balasubramanian E. (eds) Innovative Design, Analysis and Development

Practices in Aerospace and Automotive Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. [https://doi.org/10.1007/978-981-15-6619-6\\_37](https://doi.org/10.1007/978-981-15-6619-6_37).

[2]Naren Shankar R. et al. (2021) Numerical Study on Sonic Underexpanded Co-flowing Jet with Varying Separation Distance. In: Gascoin N., Balasubramanian E. (eds) Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. [https://doi.org/10.1007/978-981-15-6619-6\\_39](https://doi.org/10.1007/978-981-15-6619-6_39).

[3]Kaushik V., Shankar R.N. (2021) Review of Experimental Approaches for the Analysis of Aerodynamic Performance of Vertical Axis Wind Turbines. In: Gascoin N., Balasubramanian E. (eds) Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. [https://doi.org/10.1007/978-981-15-6619-6\\_52](https://doi.org/10.1007/978-981-15-6619-6_52).