

List of Book Chapters

Journal and conference proceedings edited	
1	Guest Editor: Journal of Aerospace Sciences and Technologies, Special issue, Vol. 67, No. 2B, July 2015
2	CM Manjunatha, VR Ranganath, RK Paretkar, DP Peshwe, (Eds.) Proceedings of XIV NASAS, National Seminar on Aerospace Structures, 30-31 Jan. 2006, VNIT, Nagpur
Book chapters authored (In reverse chronological order)	
1	Kishora Shetty, CM Manjunatha, Suhasini Gururaja, Shylaja Srihari, Hot-wet environmental effects on in-plane shear strength of IMA/M21E aircraft grade CFRP composites. In: Jonnalagadda K., Alankar A., Balila N.J., Bhandakkar T. (eds) Advances in Structural Integrity, <i>Lecture Notes in Mechanical Engineering</i> , Springer, 2022, pp. 285-292 https://doi.org/10.1007/978-981-16-8724-2_26
2	Sharanagouda G Malipatil, Anuradha N Majila, Chandru D Fernando, CM Manjunatha, Correlating stress ratio effects on the fatigue crack growth rate of a nickel base superalloy IN718 In: Fatigue, Durability, and Fracture Mechanics, Proceedings of Fatigue Durability India 2019, Eds: Seetharamu S, Thimmarayappa Jagadish T and Ravindra R Malagi, <i>Lecture Notes in Mechanical Engineering</i> , Springer, Singapore, 2021, pp. 375-381. https://doi.org/10.1007/978-981-15-4779-9_24
3	Sharanagouda G Malipatil, Anuradha N Majila, Chandru D Fernando, CM Manjunatha, Fatigue crack growth behavior of a nickel-base super alloy inconel 718 under spectrum loads. In: Proceedings of ICDMC 2019, eds.: Yang LJ, Haq A, Nagarajan L, <i>Lecture Notes in Mechanical Engineering</i> , Springer, Singapore, 2020, pp. 379-386. https://doi.org/10.1007/978-981-15-3631-1_34
4	MS Nandana, Bhat K Udaya, CM Manjunatha, Effect of microstructure on the fatigue crack growth behavior in Al–Zn–Mg–Cu alloy. In: Prakash RV, Suresh Kumar R., Nagesha A., Sasikala G., Bhaduri A. (eds.) Structural Integrity Assessment, <i>Lecture Notes in Mechanical Engineering</i> . Springer, Singapore. 2020, pp. 545-554. https://doi.org/10.1007/978-981-13-8767-8_46
5	MS Nandana, K Udaya Bhat, CM Manjunatha, Influence of heat treatment on near-threshold fatigue crack growth behavior of high strength aluminum alloy 7010, In: A. Niepokolczycki and J. Komorowski (Eds.), Structural Integrity in the Age of Additive Manufacturing, <i>Lecture Notes in Mechanical Engineering (LNME)</i> , Springer, Singapore, 2019, pp. 444–451 https://doi.org/10.1007/978-3-030-21503-3_35
6	AR Anilchandra, M Seshagirachari, Ramesh Bojja, N Jagannathan, CM Manjunatha, Prediction of mode II delamination onset life under spectrum fatigue loads using equivalent strain energy release rate concept, In: <i>Advances in Structural Integrity</i> , Raghu Prakash, Vikram Jayaram, Ashok Saxena (Eds.), Springer, Singapore, 2018

	https://doi.org/10.1007/978-981-10-7197-3_17
7	T Sivaranjani, DVTG Pavan Kumar, CM Manjunatha, M Manjuprasad, Fatigue life estimation of typical fighter aircraft main landing gear using finite element analysis. In: <i>Advances in Structural Integrity</i> , Raghu Prakash, Vikram Jayaram, Ashok Saxena (Eds.), Springer, Singapore, 2018 https://doi.org/10.1007/978-981-10-7197-3_4
8	N Jagannathan, K Sakthivel, Ramesh Bojja, C M Manjunatha, Effect of silica nanoparticles on the fatigue life of a glass fiber reinforced epoxy composite under an aircraft spectrum load sequence, In: <i>Advances in Structural Integrity</i> , Raghu Prakash, Vikram Jayaram, Ashok Saxena (Eds.), Springer, Singapore, 2018, pp. 27-38. https://doi.org/10.1007/978-981-10-7197-3_3
9	PK Sahoo, B Dattaguru, CM Manjunatha, CRL Murthy, Strength Prediction Methods for Adhesively Bonded Lap Joints between Composite–Composite/Metal Adherends In: <i>Advances in Modeling and Design of Adhesively Bonded Systems</i> , S. Kumar and K.L. Mittal (eds.), Scrivener Publishing LLC, 2013, pp 219–236 https://doi.org/10.1002/9781118753682.ch8