



Senthilkumar, K., Saba, N., Rajini, N., **Chandrasekar, M.**, Jawaid, M., Siengchin, S., & Alotman, O. Y. (2018). **Mechanical properties evaluation of sisal fibre reinforced polymer composites: a review.** *Construction and Building Materials*, 174, 713-729.

**Chandrasekar, M.**, Ishak, M. R., Sapuan, S. M., Leman, Z., & Jawaid, M. (2017). **A review on the characterisation of natural fibres and their composites after alkali treatment and water absorption.** *Plastics, Rubber and Composites*, 46(3), 119-136.

### Funded project details:

S.No	Project Title	Amount
1	Mechanical characterization and failure analysis research on fibre metal laminates with carbon/flax fibres for future use in Aircrafts	1,13,800 MYR(20 lakhs INR) 2015-2018 GRANT No: FRGS 5524741 Ministry of Higher Education, Malaysia
2	Effect of various metal surface pre-treatments on mechanical properties of the hybrid flax/carbon fibre metal laminate (FML)	20,000 MYR(3,50,000 INR) 2018-2019 Grant No: IPS UPM – 9633800 Universiti Putra Malaysia
3	Production of commercial grade starch from the sugar palm tree	16,000 MYR(2,20,000 INR) 2018 Grant No: 9001110 Product promotion fund, Universiti Putra Malaysia

### Conference attended:

International Conference on Advanced Automotive and Mechanical Systems (INCAAMS 2021), 2<sup>nd</sup> and 3<sup>rd</sup> Jul 2021, Organized by the Department of Mechanical Engineering, Kalasalingam Academy of Research and Education, Krishnankoil, India.

International Conference on Emerging Approaches in Mechanical and Automobile Engineering (ICEAMAE 2021), 17<sup>th</sup> and 18<sup>th</sup> March 2021, Arasu Engineering College, Kumbakonam, India

Virtual International Conference on Advances in Mechanical Engineering Design (ICAMED 2021), 3<sup>rd</sup> and 4<sup>th</sup> May 2021, Organized by the Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai, India.

Kalasalingam Global Conference 2019, 18<sup>th</sup>, 19<sup>th</sup> and 20<sup>th</sup> Dec 2019, Organized by the Kalasalingam Academy of Research and Education, Krishnankoil, India.

**Seminar organized:**

Metal Additive Manufacturing and Advances in Powder Metallurgy, 16<sup>th</sup> April 2021, Resource person: Dr. Alphons A. Antonysamy, Principal Materials Scientist, GKN Aerospace Services Private Limited, UK. Venue: HITS, Chennai

Perspectives of Vibration Analysis in Diagnostic Maintenance, 6<sup>th</sup> Nov 2020, Resource person: Mr. Nagaraj Ganesan, Condition Monitoring Engineer, VAP Australia. Venue: HITS, Chennai

Aircraft Preventive Maintenance, 1<sup>st</sup> Nov 2020, Resource person: Mr. Vijay Pranav Esakkimuthu, Maintenance Engineer, Lufthansa Technik, County Clare, Ireland. Venue: HITS, Chennai