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### Highlights

Teaching Experience	:	2
Research Experience	:	3
No. of Journals Published in SCI (Impact Factor)	:	2
No. of Scopus Indexed Journals	:	8
H-Index	:	3

### ExperienceDetails

- Working as Assistant Professor in Saveetha School of Engineering, SIMATS, Chennai from (28-09-2019 to tilldate)
- Worked as **Assistant Professor** in ARM College of Engineering & Technology during June 2018 – July 2019 .
- Worked as **Assistant Professor** in GanathipathyTulsi's Jain Engineering College during June 2014 – November 2014.

### International JournalPublications:

- **K.Yoganandam**,Raja.K, Ganeshan.P&Mohanavel.V 2016, „Mechanical properties of *Calotropisprocera*/sisalanaagave fiber hybrid reinforced polyester composites“, International Journal of Printing, Packaging & Allied Sciences, (ISSN:2320-4387),vol.4,no.5, pp. 3669-3673.(**Annexure I**)
- **K.Yoganandam**, P. Ramshankar, P. Ganeshan& K. **Raja** (2018), Mechanical Properties of Alkali Treated Madar and Gongura Fiber Reinforced Polymer Composites , International Journal of Ambient Energy , ISSN: 0143-0750 (pp) 2162-8246. (**Scopus Indexed**)

- **K.Yoganandam** ,Ganeshan. P, NagarajaGanesh. B &Raja.K, (2019) Characterization studies on *Calotropisprocera* fibers and their performance as reinforcements in epoxy matrix ,**Journal of Natural Fibers** ,Taylor & Francis. (Annexure -1)(Impact Factor – 2.62)
- **Yoganandam, K.**, NagarajaGanesh, B., Ganeshan, P., & Raja, K. (2019). Thermogravimetric analysis of *Calotropisprocera* fibers and their influence on the thermal conductivity and flammability studies of polymercomposites.**Materials Research Express**. 10 (6), 105341. (Annexure -1)(Impact Factor – 1.929)
- **Yoganandam, K.**, Raja, K.Lingadurai , (2016) .Mechanical and Micro Structural Characterization of Al6082-TiO2 Metal Matrix Composites produced via Compo Casting Method.Indian Journal of Science and Technology9 (41), 1-4.
- V Mohanavel, K Rajan, S Karthikeyan, M Naveen Kumar, **K Yoganandam**.(2016).Investigation of Mechanical and TribologicalBehaviour of Dual Particles Reinforced Al Matrix Composites. Applied Mechanics and Materials 852, 422-427
- N Karunagaran, G Bharathiraja, A Muniappan, **K Yoganandam**.(2020).Energy absorption and damage behaviour of surface treated glass fibre/stainless steel wire mesh reinforced hybrid composites.Materials Today: Proceedings 22, 1078-1084. (Scopus )
- K Siva Nagu, **K Yoganandam**, V Mohanavel, R Deepak Joel Johnson, Mechanical properties of a natural fiber reinforced with polylactic acid–Review, Materials Today Proceedings, (2020) DOI : 10.1016/j.matpr.2020.03.511(**Elsevier Journal - Scopus Indexed**)
- Rajala Ashok Reddy, **K Yoganandam**, V Mohanavel, Effect of chemical treatment on natural fiber for use in fiber reinforced composites–Review, Materials Today Proceedings, (2020) DOI : 10.1016/j.matpr.2020.03.511(**Elsevier Journal - Scopus Indexed**)
- **K.Yoganandam**, V.Mohanavel, J.Vairamuthu, V.Kannadhasan, Mechanical properties of titanium matrix composites fabricated via powder metallurgy method, Materials Today Proceedings, (2020) DOI : 10.1016/j.matpr.2020.04.569(**Elsevier Journal - Scopus Indexed**)
- V.Mohanavel, S.Prasath, **KYoganandam**,BelachewGirmaTesemma, S.Suresh Kumar, Optimization of Wear Parameters of aluminium composites (AA7150/10wt% WC) employing Taguchi Approach, Materials Today Proceedings, (2020) DOI : 10.1016/j.matpr.2020.08.356(**Elsevier Journal - Scopus Indexed**)
- V.Mohanavel, **K. Yoganandam**, V. Naveen Kumar, A. Chandrashekar, S.Prasath, Evaluation of tribologicalbehaviour of AA7178/Gr composites using Taguchi optimization technique, Materials Today Proceedings, (2020) DOI : 10.1016/j.matpr.2020.08.346 (**Elsevier Journal - Scopus Indexed**)