
K.YOGANANDAM

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Google Scholar :<https://scholar.google.com/citations?user=Hr893hkAAAAJ&hl=en&authuser=3>

Highlights

Teaching Experience	:	2
Research Experience	:	3
No. of Journals Published in SCI (Impact Factor)	:	2
No. of Scopus Indexed Journals	:	8
Citations	:	33
H-Index	:	3

Profile &Objective

An articulate person who quickly adapts to new systems and works optimistically and professionally towards the goal. With a strong knowledge base, now I wish to set off for exploring new horizons of excellence in teaching and Research.

Skills &Qualities

- **Ambition** – driven with the ability to succeed in any chosen environment and confidence to excel myself in research andteaching.
- **Aptitude** – elective subjects taken in other than my core stream such as automotive electronics, aircraft Instrumentation and Ultrasonic instrumentation has boosted my natural ability tolearn
- **Adaptability** – with the ability to adapt rapidly to a new work environment as well as any new culturalenvironment
- **Time Management** – the need to juggle between add-on courses and my tight academic schedule has focused my mind to working efficiently in order to meet all mydeadlines.

Summary of Qualifications

Certificate	Institution/School	Year of Passing	Marks Obtained
PhD(Composite Materials)	Anna University- Dindigul Campus	2018	-
M.E (Engineering Design)	SKP Engineering College	2014	8.59 CGPA (Distinction)
B.E(Mechanical Engineering)	University College of Engineering (Ramanathapuram campus)	2012	7.9 CGPA
DME (Mechanical Engineering)	SAPTC – Thellar	2009	95.5%
HSC	SRGDS - TIRUVANNAMALAI	2007	63 %
SSLC	SRGDS - TIRUVANNAMALAI	2005	73 %

Experience Details

- Working as Assistant Professor in Saveetha School of Engineering, SIMATS, Chennai from (28-09-2019 to till date)
- Worked as **Assistant Professor** in ARM College of Engineering & Technology during June 2018 – July 2019 .
- Full Time Research Scholar at **Anna university – Dindigul Campus** from Dec 2014 – May 2018.
- Worked as **Assistant Professor** in Ganathipathy Tulsi's Jain Engineering College during June 2014 – November 2014.

International Journal Publications:

- **K.Yoganandam, Raja.K, Ganeshan.P & Mohanavel.V** 2016, 'Mechanical properties of *Calotropis procera*/sisalana agave 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**)