

## PROFILE

**Name** : **Dr. G. NALLAKUMARASAMY**  
 Professor  
**Designation** : Automobile Engineering  
 KSR College of Engineering  
 Tiruchengode - 637215  
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### Particulars of Educational Qualification:

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / CGPA obtained	Class obtained
<b>Ph.D.</b>	Mechanical Engineering	<b>2012</b> JAN	Anna University Chennai		-	
<b>M.Tech</b>	Maintenance Engineering & Management	<b>2001</b> JAN	IIT MADRAS	IIT MADRAS	<b>8.20</b>	<b>First</b>
<b>B.E</b>	Mechanical Engineering	<b>1997</b> MAY	G.C.E. Salem	Madras University	<b>60.02</b>	<b>First</b>

### Additional Qualification

: Anna University approved research supervisor  
 Ref. No: 2820008

**Citations** : **154**  
**h – Index** : **5**  
**i10 Insex** : **5**

**No of Ph.D. scholars** : **3 Nos + 3 Nos Completed**

**As a DC Member** : **6 scholars**

### Academic Experience:

Name of the College	Designation	From	To	Years	Months
K S R College of Engg, Tiruchengode, Tamilnadu	Professor / Auto	01.07.2022	Till date	-	<b>2</b>
	Professor / Mech	17-08-2020	30.06.2022	1	10
Excel Engg College, Komarapalayam, Tamilnadu	Professo & Head / Mech	03-06-2013	31.03.2020	6	10
K S R College of Engg, Tiruchengode, Tamilnadu	Professor&Head / Auto	02-07-2007	02-06-2013	5	11
S S M College of Engg, Komarapalayam, Tamilnadu	Associate Professor	29-01-2001	02-07-2007	6	6
K.S.Rangasamy College of Tech, Tiruchengode	Assistant Professor	07-05-1997	13-07-1999	2	2
Total				<b>23</b>	<b>6</b>

### Papers published in International journals

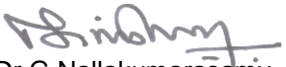
1. K Raja, P. Senthilkumar and G. Nallakumarasamy, Effect of Eco – Friendly Chemical Treatment on the properties of Sesbania Rostrata Fiber, **Journal of natural Fibers**, 1 – 13, 2021
2. D Jagadeesh, R Venkatachalam, G Nallakumarasamy Experimental and numerical study of an overlay composite absorber plate material for a solar air heater, **Materials Testing 63 (7)**, 681-686, 2021
3. G Saravanan, R Venkatachalam, G Nallakumarasamy, Experimental assessment on the impact of cutouts on a hollow shaft system, **Materials Testing**, 62 (11), 1143-1146, 2020
4. P.Rasagopal, P.Senthilkumar, G.Nallakumarasamy, S.Magibalan, A study surface integrity of aluminum hybrid composites during milling operation, **Journal of Materials Research and Technology**, 9 (3), 4884 - 4893 2020
5. G. Saravanan, R. Venkatachalam and G. Nallakumarasamy, Effects of cut-outs on the vibrational characteristics of a hollow shaft system. **Material testing 61 (7)**, 652 – 658, 2020
6. D. Jagadeesh, R. Venkatachalam and G. Nallakumarasamy, Transient computational fluid dynamics investigations on thermal performance of solar air heater with hollow vertical fins. **Thermal science 22 (6 Part A)**, 2389 – 2399, 2018
7. M. Vengadesan, K.Yuvaraj, G.Nallakumarasamy, Optimization of PV cell Methonal cooling system parameters to enhance the efficiency with the approach of particle swarm optimization. **International journal of research in Mechanical Engineering**, Vol. - 04, issue 02, 2017
8. Raja, K., Senthilkumar, P., Nallakumarasamy, G., & Natarajan, T. Characterization of Natural Fiber Extracted from Sesbania rostrata: An Alternative Potential for Synthetic Fibers. **Journal of Advances in Chemistry**, 12, 4930-4937, 2016
9. G.Saravanan, G.Nallakumarasamy, R.Venkatachalam, "Tribological and Thermal Characterization of Glass Fiber - A Review" **J. Environ. Nano Technol.** Volume 4, No.2 (2015) pp. 27-30.
10. D.Jagadeesh, R.Venkatachalam, G. Nallakumarasamy, "Characterisation of Banana Fiber - A Review" **J. Environ. Nano Technol.** Volume 4, No.2 (2015) pp. 23-26.

### Programs attended / Invited Talks

1. Invited talk on **outcome based education and accreditation** at Gnanamani Engineering college, Rasipuram, June, 2019
2. Attended one day workshop on Examination reforms organized by AICTE at PSG Tech, CBE, on 07.05.19
3. Participated **Indian Technology Congress - 2019**, Human digitalization: Future intelligence, 04 – 05 Sept 2019, Bangalore
4. Attended interdisciplinary short term course under QIP on Advances in refrigeration and Air conditioning organized by **Pondicherry Engineering College** from 11.12.2017 – 15.12.2017
5. Participated AICTE sponsored short term course on Tribology in Design organized by **IITMadras** from 07<sup>th</sup> – 12<sup>th</sup> Nov 2016
6. Participated FDP on **Coaching skills for effective teaching** organized by NHRD, Hosur chapter 05<sup>th</sup> March 2016

7. Participated Indian Technology Congress -2016, Excellence in engineering Practice: Networking and collaboration, 01 - 02 Dec 2016
8. Presented Professional and the tolerant skill: A career readiness plan, 18<sup>th</sup> **ISTE TN & P section** Annual convention for faculty members of engineering colleges at KPRIET, Cbe, 10 – 11 Dec 2015
9. Participated AICTE sponsored short term course on Recent advances in automotive systems, organized by Dept of Engineering design, **IIT Madras** from 02<sup>nd</sup> – 06<sup>th</sup> Feb 2015

It is certified that all the information provided are true to the best of my knowledge




Dr.G.Nallakumarasamy

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Dr.G.Nallakumarasamy - Google

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Dr.G.Nallakumarasamy

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Journal of Natural Fibers 18 (12), 2241-2253

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Experimental and numerical study of an overlay composite absorber plate material for a solar air heater

D Jagadeesh, R Venkatachalam, G Nallakumarasamy

Materials Testing 63 (7), 681-686

2021

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Journal Management

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Experimental assessment on the impact of cutouts on a hollow shaft system

G Saravanan, R Venkatachalam, G Nallakumarasamy

Materials Testing 62 (11), 1143-1146

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2020

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A study surface integrity of aluminum hybrid composites during milling operation

P Rasagopal, P Senthilkumar, G Nallakumarasamy, S Magibalan

Journal of Materials Research and Technology 9 (3), 4884-4893

13

2020

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Effects of cut-outs on the vibrational characteristics of a hollow shaft system

Nallakumarasamy

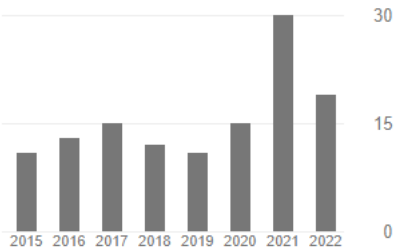
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