

Faculty Profile

1. Name : M. Kathirselvam
 2. Designation : Assistant Professor
 3. Date of Birth : 27.05.1990
 4. Bank A/c No. (LVB) : 0751301000051987
 5. PAN No. : BRUPM4233M
 6. Nature of Association : Regular
 7. DOJ : 02.06.2014
 8. E-mail ID :



1. Personal	m.s.kathirselvam1@gmail.com
2. Office	mkathirselvam@ksrct.ac.in

9. Contact Address & Phone No.:

1. Residential Address	1/45 Patlur Elayampalayam, Kavundampalayam (Post), Solasiramani (Via.), Tiruchenogode (Tk.), Namakkal (Dt.), PIN – 637 210.
2. Land line No. (Home)	-
3. Mobile	+91 90428 97228

10. Name of the Institution : K.S.Rangasamy College of Technology,
Tiruchengode – 637 215.

11. Department : Mechanical Engineering

12. Academic Qualifications:

S. No.	School / Diploma / Degree	Board / Institution / University	Year of passing	% of marks/ points	Class	Field of Specialization
1.	MATRIC	Victory Matriculation School	2005	83%	I	Maths & Science
2.	HSC	Mahadeva Vidhayalaya Higher Secondary School	2007	81.5%	I	Maths & Biology
3.	B.E.,	K.S.R. College of Engineering	2011	9.53	I-D	Mechanical Engineering
4.	M.E.,	K.S.Rangasamy College of Technology	2014	9.47	I-D	Computer Aided Design
5.	Ph.D.,	Anna University	Pursuing	-	-	Fiber Characterization

13. Teaching Experience :

S. No.	Name of the Institution	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1.	K.S.R. Polytechnic College	Lecturer	16.05.2011	30.04.2012	0	11

14. Membership in Professional Bodies:

1. Indian Society for Technical Education (ISTE) - Life Member - LM 79216
2. The Institution of Engineers (India) - Associate Member - AM 1741333
3. International Society for Research and Development - Life Member - M4150900913

15. INTERNATIONAL JOURNAL

1. Arthanarieswaran V.P., Kumaravel A., Kathirselvam M., "Evaluation of mechanical properties of banana and sisal fiber reinforced epoxy composites: Influence of glass fiber hybridization", *Materials and Design* 64 (2014) 194–202.
2. Arthanarieswaran V.P., Kumaravel A., Kathirselvam M., Saravanakumar S.S., "Mechanical and thermal properties of Acacia leucophloea fiber/epoxy composites: Influence of fiber loading and alkali treatment", *International Journal of Polymer Analysis and Characterization* 21 (no.7), (2016), 571-583.
3. Kathirselvam, M., A. Kumaravel, V. P. Arthanarieswaran, and S. S. Saravanakumar. "Isolation and characterization of cellulose fibers from *Thespesia populnea* barks: A study on physicochemical and structural properties." *International Journal of Biological Macromolecules* 129 (2019), 396-406.
4. Kathirselvam, M., A. Kumaravel, V. P. Arthanarieswaran, and S. S. Saravanakumar. "Assessment of cellulose in bark fibers of *Thespesia populnea*: Influence of stem maturity on fiber characterization." *Carbohydrate Polymers* 212 (2019), 439-449.
5. Kathirselvam, M., A. Kumaravel, V. P. Arthanarieswaran, and S. S. Saravanakumar. "Characterization of cellulose fibers in *Thespesia populnea* barks: Influence of alkali treatment" *Carbohydrate Polymers* 217 (2019), 178-189.

16. NATIONAL CONFERENCE

1. Kathirselvam M., Sakthivel. P., Kavin K.K., Karthikeyan A., "Effect of Impact Testing Behaviour of E-Glass Fiber-Epoxy / Polyester Resin Composites", 2nd National Conference on Innovative Ideas in Mechatronics (IIM 2011), Kumaraguru College of Technology on 30.03.2011.
2. Kathirselvam M., Arthanarieswaran V.P., Kumaravel A., "Evaluation of Mechanical Properties of Natural and Glass fiber reinforced Epoxy Composites", National Conference on Recent Advancements in Mechanical Engineering (RAME 2014), K.S.Rangasamy College of Technology on 02.04.2014.
3. Prakash P., Kathirselvam M., "Design and Analysis of Clutch Pedal Made of Glass Fiber", National Conference on Recent Advancements in Mechanical Engineering (RAME 2015), K.S.Rangasamy College of Technology on 16.04.2014.

17. INTERNATIONAL CONFERENCE

1. Abuthagir A., Ajit Gagan S., Arun Prabhu A R., Bharanedharan S., Kathirselvam M., "Design and Analysis of secondary preheater for diesel engine", DST-SERB sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD-2018), Muthayammal Engineering College on 30th & 31st March 2018.
2. Gowtham E., Gowtham S., Jagan R., Karthick S., Kathirselvam M., "Modification of Ridger Plough for Turmeric Harvesting", DST-SERB sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD-2018), Muthayammal Engineering College on 30th & 31st March 2018.
3. Kathiresan S., Kumar M., Gowtham T., Selvaganapathy S., Kathirselvam M., "Design and Fabrication of Onion Harvesting Machine", DST-SERB sponsored International Conference on Innovations in Science, Engineering and Technology for Sustainable Development (ISETSD-2018), Muthayammal Engineering College on 30th & 31st March 2018.

4. Logesh kumar R., Guru prakash V., Logesh N., Kavin kumar B., Kathirselvam M., "Automatic Engagement of brake and reverse lock setup in cars", International Conference on Sustainable Materials (ICSM 2K19), K.S.R. College of Engineering on 19th & 20th March 2019.

5. Hariharan M., Saravanan LP., Sathish kumar S., Vengatesh V., Kathirselvam M., "Fabrication of Automatic Sewage Cleaning System" International Conference on Sustainable Materials (ICSM 2K19), K.S.R. College of Engineering on 19th & 20th March 2019.

6. Kaviraj A., Devaraj J., Manikandan J., Kathirselvam M., "Experimental analysis of solar distillation using double slope method with jute and surgical cotton", 8th International Conference on Advanced Science and Engineering Research (ASER'2019), Al-Ameen Engineering College on 23rd March 2019.

18. WORKSHOP / CONFERENCE / SEMINAR PARTICIPATED

1. CSIR sponsored two day National Seminar on "Integration of Advanced Manufacturing Systems: Socio-Technical Design, Paradigm and Research Techniques" at K.S.Rangasamy College of Technology on 02 & 03.11.2012.

2. Two days National Workshop on "Design, Manufacturing, Testing & Certification Aspects of Small Gas Turbine Engines" at Gas Turbine Research Establishment, Bengaluru on 15 & 16.06.2015.

3. One day Workshop on "Intellectual Property Rights" organised by K.S.Rangasamy College of Technology on 06.08.2016.

19. STTP / FDP

1. Two week ISTE Workshop on "Fluid Mechanics" conducted by Indian Institute of Technology, Kharagpur between 20.05.2014 and 30.05.2014.

2. Anna University approved seven days Faculty Development Training Programme on "CE6402 – Strength of Materials" at K.S.Rangasamy College of Technology between 11.06.2014 to 19.06.2014.

3. One week Short Term Training Programme through ICT mode on "Development of Laboratory Instruction and Manual" organised by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata between 04.02.2019 to 08.02.2019.

20. PROGRAMS ORGANIZED

1. Coordinated DST-SERB and DBT sponsored two days National Conference on "Computational Fluid Dynamics Applications in Biotechnology Process" at K.S.Rangasamy College of Technology on 18 & 19.08.2015.

2. Coordinated DST-SERB sponsored two days National Workshop-cum-Conference on "Small Gas Turbine Engines" at K.S.Rangasamy College of Technology on 28 & 29.01.2016.

3. Coordinated BRNS and CSIR sponsored two days National Workshop on "Nuclear materials: Source, Energy, Safety, Medicinal uses and Harms" at K.S.Rangasamy College of Technology on 03 & 04.03.2018.

21. ADDITIONAL IN-CHARGE

1. Institute Social Media Coordinator
2. Institute Grievance Redressal Committee Convener

22. AWARDS AND ACHIEVEMENTS (Academic, sports & etc.,)

1. Received fellowship of Rs.12,000 /- per month to undergo Summer Research Fellowship Programme 2016 at Central Electrochemical Research Institute (CECRI), Karaikudi sponsored by Indian Academy of Sciences.

23. SUBJECT HANDLED

1. Engineering Materials and Metallurgy
2. Engineering Thermo Dynamics
3. Power Plant Engineering and Energy Economics
4. Strength of Materials
5. Fluid Mechanics and Machinery
6. Machining Process