

Faculty Profile

1. **Name** : Karthikeyan S
 2. **Designation** : Assistant Professor
 3. **Date of Birth** : 28.12.1990
 4. **Bank A/c No. (LVB)** : 0751301000242703
 5. **PAN No.** : DOMPK6787R
 6. **Nature of Association** : Regular
 7. **DOJ** : 03.02.2016
 8. **E-mail ID** :



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2. Office	karthikeyan.s@ksrct.ac.in

9. Contact Address & Phone No.:

1. Residential Address	1/273, Veppampalayam, Erode – 638112.
2. Land line No. (Home)	-
3. Mobile	9629023042

10. Name of the Institution : K.S.Rangasamy College of Technology,
Tiruchengode – 637215.

11. Department : Mechanical Engineering

12. Academic Qualifications: (Starting from SSLC)

S. No.	School / Diploma / Degree	Board / Institution / University	Year of passing	% of marks / points	Class	Field of Specialization
1.	SSLC	State Board	2006	73.6	I	-
2.	HSC	State Board	2008	80.08	I	Maths, Science, Computer Science
3.	B.E.	Anna University	2012	82.8	I	Mechanical Engineering
4.	M.E.	Anna University	2014	73	I	Production Engineering
5.	Ph.D.	Anna University	-	-	-	Welding

13. Teaching Experience :

S. No.	Name of the Institution	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1.	SRI KRISHNA COLLEGE OF TECHNOLOGY, COIMBATORE	ASSISTANT PROFESSOR	04.06.2014	28.01.2016	1	8

14. Membership in Professional Bodies:

1. IIPE

15. INTERNATIONAL JOURNAL (Specify Author(s) / Topic / Journal / Volume No. / Page No. / Year):

1. KARTHIKEYAN S, ABINASH R, AJITHKUMAR T, ARAVINDKUMAR S "INFLUENCE OF TOOL PIN PROFILE ON THE MECHANICAL PROPERTIES OF FRICTION STIR WELDED ALUMINIUM ALLOY" IN INNOVATION IN SCIENCE, ENGINEERING AND TECHNOLOGY, Vol – 7, Issue – 2, (ISSN NO-2348-2079), Pg. No 2743-2747.

16. NATIONAL CONFERENCE(Specify Author(s) / Topic / Venue / Date / Volume No. / Page No.):

1.KARTHIKEYAN S, "MACHINING STOCK REDUCTION IN M12*12.5*22.7 SHOULDER WELD SCREW" in Product Design, Virtual Prototyping and Manufacturing (NCPDVM'14) at PSG College of technology, Coimbatore on 25 & 26th APRIL 2014.

2. KARTHIKEYAN S, "DEFECT IDENTIFICATION IN PIPELINE USING PIPE INSPECTION ROBOT" in Intelligent Automation in Manufacturing and Automotive Technologies at Sri Ramakrishna Institute of Technology on 27 MARCH 2013.

17 INTERNATIONAL CONFERENCE(Specify Author(s) / Topic / Venue / Date / Volume No. / Page No.):

1.KARTHIKEYAN S, ABINASH R, AJITHKUMAR T, ARAVINDKUMAR S "INFLUENCE OF TOOL PIN PROFILE ON THE MECHANICAL PROPERTIES OF FRICTION STIR WELDED ALUMINIUM ALLOY" in INNOVATION IN SCIENCE, ENGINEERING AND TECHNOLOGY, Vol – 7, Issue – 2, (ISSN NO-2348-2079), Pg. No 2743-2747 at Nandha Engineering College, Erode.

2. KARTHIKEYAN S, "EFFECT OF TOOL ROTATIONAL SPEED AND TRANSVERSE SPEED OF ALUMINIUM ALLOY USING FSW" in INNOVATION IN SUSTAINABLE MATERIALS at K.S.R College of Engineering, Tiruchengode 29 MARCH 2019.

3. KARTHIKEYAN S, MOHAN K, "EXPERIMENTAL INVESTIGATION FOR WELDING ASPECT OF SS304 FOR THE PROCESS OF GTAW" in INTERNATIONAL WELDING CONFERENCE – IWS 2K18 at Mumbai on 11/27/2018 - 11/28/2018.

4. KARTHIKEYAN S, "OPTIMIZATION OF PROCESS PARAMETERS OF FRICTION STIR WELDED HIGH HARDENED STEEL BY TAGUCHI METHOD" in INNOVATION IN SCIENCE, ENGINEERING AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT at Muthayammal Engineering College, Rasipuram on 30 & 31st MARCH 2018.

5. "DESIGN AND DEVELOPMENT OF FDM BASED PORTABLE RAPID PROTOTYPING MACHINE" in INNOVATION IN SUSTAINABLE MATERIALS at K.S.R College of Engineering, Tiruchengode 28 MARCH 2019.

18. WORKSHOP / CONFERENCE / SEMINAR PARTICIPATED (1 TO 3 DAYS ONLY)

(Specify Topic / Venue / Date)

1.Three Days workshop on GEOMETRIC DIMENSIONING AND TOLERENCING at P S G College of technology, Coimbatore on 5.3.2015-7.3.2015.

2.Two Days workshop on FINITE ELEMENT ANALYSIS at Sri Krishna College of Technology. Coimbatore on 27.06.2014 – 28.06.2014.

3. One Day workshop on NON-DESTRUCTIVE TESING at K.S.Rangasamy College of technology, Tiruchengode on 10.06.2016.

4. One Day workshop on Advance in automotive Design & Technology at Tamilnadu College of Engineering, Coimbatore.on 03.04.2011.

5. Karthikeyan S, Venkatachalam G, Jeyaprakasam S, Sathish D and Moorthi M —Study on Mechanical Properties of Morus Fiber Reinforced Polymer CompositesII, Recent Innovations in Robotics, Construction and Mechanical Sciences, (ICRIRCMS-2022) at K S Rangasamy college of Technology, Tiruchengode, 10th & 11th June 2022.

19. STTP / FDP (4 TO 21 DAYS ONLY) (Specify Topic / Venue / Date)

1.One Week workshop onNON-DESTRUCTIVE TESING at P S G College of technology, Coimbatore on 25.05.2016 - 31.05.2016.

2.Two Week workshop onINDUSTRIAL HYDRAULICS AND PNEUMATICS at P S G College of technology, Coimbatore on 29.10.2017 – 11.11.2017.

3. Five Days workshop on Real Time Simulation in FEA at RAMCO Institute of Technology, Rajapalayam. on 10.05.2019 – 15.05.2019.

20. PROGRAMS ORGANIZED (CONFERENCE / WORKSHOP / SEMINAR / STTP / FDP):

1. One day Workshop on AEROMEDELLING

21. ADDITIONAL IN-CHARGE (EXCEPT TEACHING)

1. Placement Training Coordinator.
2. Students Attendance Mentor.
3. Foundry Lab In-Charge.
4. IWS Coordinator.
5. Class Advisor.

23. SUBJECT HANDLED

1. Manufacturing Process
2. Machining Processes
3. Operation Research
4. Design of Mechanical Transmission System
5. Industrial safety engineering
6. Applied Hydraulics and Pneumatics
7. Rapid prototyping techniques
8. Logistics and supply chain management
9. Engineering Graphics