

CURRICULUM VITAE

Dr.C.SARAVANAN
Assistant Professor (Sr.Gr)
Department of Mechanical Engineering
UCE – BIT Campus, Tiruchirappalli 620 024
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➤ **Research Area:**

- Automotive materials
- Composite material fabrication Techniques
- Tribology

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (specialization)	Mechanical Engineering Anna University	2018		
PG (specialization)	Manufacturing Engineering Anna University	2005	75	FWD - First Class with Distinction
UG (specialization)	Automobile Engineering Bharathiyar	2003	76.82	First Class

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College of Engineering, Tiruchirappalli	Assistant Professor (Sr.Gr)	02.09.2009	Till Date	14 Years
SRM University Kattankulathur	Assistant Professor	06.08.2008	31.08.2009	1 Year

Sastra University, Thanjavur	Assistant Professor	23.06.2006	30.04.2008	1 year 10 months
AMS Engg College Namakkal	Lecturer	17.08.2005	21.06.2006	10 Months

➤ **Awards / Honours Received:**

1. Designed & Styled a car for Mahindra and Mahindra (M & M) for Mahindra Award Competition
2. Won first prize in IIT, Chennai in the national level festival, Shaastra -2002
3. Won second prize in the national level technical project Exhibition Clique – 2003, organized by seven Engineering colleges held at CODISSIA, Coimbatore.
4. Presented a technical paper and won the first prize in national level conference keynote at care school of engineering tiruchirapalli

➤ **Additional / Academic Responsibilities at University:**

Sl. No.	Post	Period	
		From	To
1	coordinator logistics cell	27.12.2022	Till Date
2	Guest House Incharge	15.06.2022	Till Date
3	Additional coordinator logistics cell	31.10.2017	26.12.2022
4	Remedial class coordinator for Mechanical and Automobile Engineering	April 2016	MAY 2016
5	Department Library Coordinator	September 2009	Till date
6	Class Advisor	September 2009	Till date
7	Department Test Coordinator	January 2014	January 2016
8	Department Placement Coordinator	JUL.(2016)	JUN.(2017)
9	Cooperative Store Committee Member	MAR.(2016)	Till date
10	Department Sports Coordinator	JAN.(2015)	Till date

11	Part Time Coordinator For M.E. Thermal Engineering	JAN.(2014)	JAN.(2015)
12	Press And Media Coordinator	September 2009	Till date

1.

➤ **Membership of Scientific and Professional Societies:**

1. Member In Society for Reliability

➤ **Fellowships and Grants received:**

➤ NIL

➤ **Completed PG/UG Projects:**

a. Number of PG Projects Completed: 12 Nos

b. Number of UG Project Completed: 35 batches

➤ **Research Guidance (M.S/Ph.D.) (Completed):NIL**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
1.				

➤ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.	Thanigavelmurugan K	Machine vision system	2021	Course work completed
2.	Kumarasan T	Metal matrix composite for mechanical industry application	2022	Confirmation completed
3.	Godwin Antony A	polymer matrix composites for automotive application	2022	Confirmation completed

➤ **Publications:**

a. Books / book chapters: NIL

b. International Journals:

1. Saravanan C, Subramanian K, Anandakrishnan V and Sathish S “Tribological behavior of AA7075-TiC composites by powder metallurgy” Industrial Lubrication and Tribology, Emerald Publishing Limited
2. C. Saravanan, K. Subramanian, V. Ananda Krishnan, R. Sankara Narayanan “Effect of Particulate Reinforced Aluminium Metal Matrix Composite –A Review” Mechanics and Mechanical Engineering Vol. 19, No. 1 (2015) 23–30, Lodz University of Technology.
3. C.Saravanan, K.Subramanian, S.Balaji, S.Umama, I.Bharathidasan “International Journal of Advance Engineering and Research Development” Volume 2, Issue 9, September-2015, pp(53-63).
4. C. SARAVANAN, K. SUBRAMANIAN, S. BALAJI, V. MANIGANDAN, S. UMAMA “MECHANICAL BEHAVIOUR OF ALUMINIUM METAL MATRIX COMPOSITES: A – REVIEW” International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15 (2015), Research India Publications, pp(12027-12037).
5. P. KAVIYARASU, C. SARAVANAN “EXPERIMENTAL INVESTIGATION OF CONVECTIVE HEAT TRANSFER THROUGH ROUGH AND SMOOTH SURFACED ALUMINIUM 6063 PIN-FIN APPARATUS” , INTERNATIONAL RESEARCH JOURNAL OF ADVANCED ENGINEERING AND SCIENCE, Volume 2 (2017), pp (279 - 285).
6. V.VIJAYAN, DR.T.SENTHIL KUMAR, C. SARAVANAN, DR.B.KUMARAGURUBARAN “INDENTATION OF CREEP TESTING ON P92 MATERIAL”, INTERNATIONAL JOURNAL OF ADVANCED MULTIDISCIPLINARY RESEARCH (IJAMR), Volume 3 (2016), pp (68-74).

7. T.SHYJU, C.SARAVANAN, DR. T. SENTHIL KUMAR, DR. B. KUMARAGURUBARAN “STATIC ANALYSIS OF TUBE TO HEADER WELD JOINT CONFIGURATIONS”, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH, VOL. 5 ISSUE 05, MAY-2016, pp(440-446).

c. National Journals:

1. G. Navaneethakrishnan, V. Selvam, C.Saravanan” EFFECT OF CNTS-Fe₂O₃ HYBRIDS ON MECHANICAL STUDIES OF GLASS FIBRE/ EPOXY NANOCOMPOSITES” Journal of Chemical and Pharmaceutical Sciences, issues 6, march 2015 ,pp (199-201).
2. C.Saravanan, K. Subramanian, D. B. Sivakumar, M. Sathyanandhan, R. Sankara Narayanan,”FABRICATION OF ALUMINIUM METAL MATRIX COMPOSITE –A REVIEW” Journal of Chemical and Pharmaceutical Sciences, issue 7, 2015, pp(82-87).

➤ **Patents: NIL**

➤ **Sponsored Research Projects: NIL**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status

➤ **Consultancy Activities: NIL**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized: NIL**

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- TEQIP II Sponsored Two days workshop on “AUTOMOTIVE MATERIALS” organized by DEPARTMENT OF AUTOMOBILE ENGINEERING, BHARATHIDASAN INSTITUTE OF TECHNOLOGY TIRUCHIRAPALLI, During 18.02.2016 to 19.02.2016.
- CII AND TEQIP II AND TN EEF PROJECT Sponsored Two days Seminar on “TAEGUTEC CUSTOMER SEMINAR “(2014) organized by TAEGUTEC COMPANY, BANGALORE. During 15.12.2014 to 16.12.2014

➤ **National / International Conferences organized / Participated:**

- C. SARAVANAN, PON.AZHAGIRI, A. ABINAYA, T. SENTHILKUMAR “FABRICATION AND ANALYSIS OF ALUMINIUM AND MAGNESIUM BASED METAL MATRIX COMPOSITES”, NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN, 2016, pp(152 -159), Trichy.
- C.SARAVANAN, K. SUBRAMANIAN, D. B. SIVAKUMAR, M. SATHYANANDHAN, R. SANKARA NARAYANAN “FABRICATION OF ALUMINIUM METAL MATRIX COMPOSITE –A REVIEW” ,NATIONAL CONFERENCE ON RECENT TRENDS AND DEVELOPMENTS IN SUSTAINABLE GREEN TECHNOLOGIES, 2015, pp(82-87) CHENNAI.
- Dr. T. PARAMESHWARAN PILLAI, C. SARAVANAN, Dr. P. NANANEETHA KRISHNAN, Dr. B. KUMARAGURUBARAN “DESIGN AND FABRICATION OF SAVONIUS VERTICAL AXIS WIND TURBINE”, NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN304, 2016, pp(304-307), TRICHY.
- TAMIL SELVAN S, SARAVANAN C, T. SENTHILKUMAR “FABRICATION AND ANALYSIS OF ALUMINIUM WITH GRAPHITE CERAMIC REINFORCEMENT BASED METAL MATRIX COMPOSITES”, NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN, 2016, pp(1-5), TRICHY.
- R. DINAGAR, C. SARAVANAN “COLD FLOW ANALYSIS OF VARIOUS BIOMASS MIXTURES”, NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN, 2016, pp(58-64), TRICHY.
- C. SARAVANAN, AZHAGIRI. PON, KANTHASAMY “FABRICATION AND ANALYSIS OF ALUMINIUM BASED SIC METAL MATRIX COMPOSITES” NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN, 2014, pp(252-255), TRICHY.
- C. SARAVANAN, AZHAGIRI. PON, G. BALAJI “FABRICATION AND ANALYSIS OF ALUMINIUM AND MAGNESIUM BASED METAL MATRIX COMPOSITES”, NATIONAL CONFERENCE - INNOVATIONS IN ENGINEERING DESIGN, 2016, pp(120-125), TRICHY.

➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor ...etc)

- REVIWER IN springer
- REVIWER IN journal of materials technology
- REVIWER IN inderscience journal

(A) Chairperson for conferences / Seminar / Technical symposia:

NATIONAL LEVEL TECHNICAL SYMPOSIUM TECXPLO 2018 -SESSION

JUDGE – MOOKAMBIGAI COLLEGE OF ENGINEERING Trichy

(B) Guest lectures delivered:

Sl. No.	Title	Institute address	Date
1	Automotive Engine And Chassis	Selvam College of Technology, Namakkal.	13.02.2015