

RESUME

Dr. M. ARUL M.E, Ph.D.

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OBJECTIVE

A Mechanical professional seeking challenging opportunity to work for a renowned organization to enhance my knowledge, skills and techniques which can benefit the organization.

TECHNICAL PROFILE

Degree/Class	Institution	University/Board	Year of passing	Percentage
Ph.D	Kongu Engineering College Perundurai, Erode.	Anna University, Chennai.	Jan 2024	-
M.E. (Engineering Design)	ADHI College Of Engineering & Technology Sankarapuram, Kanchipuram.	Anna University, Chennai.	2016	80
B.E. (Mechanical Engineering)	ARS College Of Engineering Maraimalai Nagar Chennai 603 209.	Anna University, Chennai.	2014	71
HSC	Divya matric Higher Secondary School, Chetpet.	State Board	2010	78
SSLC	Govt. High School Vayalur.	State Board	2008	85

ACADEMIC EXPERIENCE

S.no	Name of the college	Designation	Tenure		Year of Experience
			From	To	
1.	ARM College of Engineering and Technology, Maraimalainagar.	Assistant Professor	Nov 2021	Till Date	2 years 8 months
2.	ARS College of Engineering Maraimalainagar.	Assistant Professor	July 2016	Nov 2021	5 years 4 months

ADMINISTRATIVE EXPERIENCE

1. Students Approval Process (**DOTe, Anna University, WEB Portal Work**)
2. Students Scholarship Web Portal Work.
3. University Affiliation **CAI and AICTE Web portal Work.**
4. Admission Coordinator.
5. Accounts Department (College Students Fees Collection & Cash Handling, All Bank Transactions)
6. NSS Coordinator
(NSS Special camp at Hanumanthapuram village from 12.03.2018 to 18.03.2018)
(NSS Special camp at Chettipunniyam village from 01.09.2022 to 07.09.2022)

AREA OF INTREST

1. Composite Materials,
2. Welding Technology,
3. Machining,
4. Additive Manufacturing.

MEMBERSHIP

1. Life Member of Member of Indian Society for Technical Education (**MISTE**)
Member ID – LM 121317
2. Life Member of Member of Indian Science and Technology Association (**ISTA**)
Member ID – 034/2024

LIST OF PUBLICATIONS

1. Suresh Kumar M and Arul M Rajamurugu Natarajan, Yaknesh Sambath, Subramaniyan Chinnasamy, Prakash K B, Asit Mohanty, Advancements in solar updraft towers A comprehensive review. E3S WEB OF CONFERENCES AMSET2023 488, 1-23, 2024
2. M Arul, KSK Sasikumar, M Sambathkumar, Karuppanasamy Dineshkumar Enhancement of fracture toughness characteristics of woven jute fabric mat reinforced epoxy composites with SiC fillers. Journal of Natural Fibers 20 (1), 2144979, 2023
3. V Sivaramakrishnan, M Arul , K Gnanamurugan Environmental Based Nonlinear Irreversible Hot Deformation Through Accumulated Diffusion Bonding, Journal of Environmental Protection and Ecology 23 (7), 2960 – 2969, 2022
4. M Arul, Ksk Sasikumar, N Ramadoss, R Shanmuga Prakash The Effect of Stacking Sequence on the Mechanical Properties of Sic Added Epoxy Matrix Reinforced with Carbon/Kevlar Fabrics. PERIODICO di MINERALOGIA 91 (4), 1038-1056, 2022
5. M Arul, KSK Sasikumar, M Sambathkumar, R Gukendran, N Saravanan Mechanical and fracture study of hybrid natural fiber reinforced composite–Coir and sugarcane leaf sheath. Materials Today: Proceedings 33, 2795-2797, 2020
6. M Arul , A comparative investigation on microstructure and mechanical behaviours of natural and synthetic fabric mats reinforced composites with sic additions.
7. Arul M, Subramaniyan Chinnasamy, Sakthivelmurugan E, Sureshkumar M Optimising Mechanical Properties of Epoxy Matrix Hybrid Composites through SiC Filler Integration and Fiber Reinforcement: A Taguchi Approach. Cellulose Chemistry and Technology (**Accepted**)
8. M Arul, Ksk Sasikumar, R Shanmuga Prakash, S Nandhakumar A Study on Enhancement of Fracture toughness in Natural Fiber Reinforced Composites with SiC Additions. Materials Express (**Accepted**)
9. Ramadevi P, Dr. Mathiazhagan N, Vaigunthavasan P, Dr. Arul M Principal of Management Book Published ISBN: 978-93-5577-713-3

CONFERENCE/FDP/WORKSHOPS/SEMINAR ATTENDED:

1. Presented Paper Entitled, A Study On Enhancement Of Fracture Toughness In Natural Fibre Reinforced Composites. March 8-9, 2019.
International Conference on Materials, Manufacturing and Machining (ICMMM-2019) at Bannari Amman Institute of Technology, Sathyamangalam.
2. Presented Paper Entitled, Enhancement Of Fracture Toughness Characteristics Of Woven Jute Fibre Reinforced Epoxy Composites. March 8-9, 2019.
International Conference on Advanced Materials for Energy and Environmental Applications.(ICAMEA-2020) at Thiru Kolanjiappar Government Arts College, Vriddhachalam.
3. Participated National Conference on Shipping your Future; Entrepreneurship & Employment Opportunities in Global & Indian Logistics. St.Brittos Arts and Logistic College, Chennai. March 2014.
4. Participated in the Faculty Development Training Programme on Design of Machine Elements at University College of Engineering, Anna University, Pandruti. May 17th to 23rd 2017.
5. Participated in the Faculty Development Training Programme on Computer Aided Design and Manufacturing at College of Engineering, Anna University, Guindy. Dec 02nd to 06th 2019.
6. Participated in the Faculty Development Training Programme on AICTE-AU STTP on Finite Element Analysis at College of Engineering, Anna University, Guindy. Dec 16th to 20th 2019.
7. Participated in the Faculty Empowerment Programme on Additive Manufacturing at Madras Institute of Technology, Anna University, Chrompet. Feb 05th to 10th 2024.
8. Participated in the Faculty Empowerment Programme on Foundations of Entrepreneurship at College of Engineering, Anna University, Guindy. Feb 12th to 17th 2024.
9. Participated One Day Workshop on Intellectual Property Rights & Innovations at ARS College of Engineering associated with Centre for Intellectual Property Rights(CIPR), Anna University, Guindy. Feb 17th 2019.
10. Participated national seminar on Recent Trends in Manufacturing Technology (RTMT 2017) at College of Engineering, Anna University, Guindy. March 10th & 11th 2017.
11. Participated two days webinar on Data Sciences and Machine Learning at KONGU Engineering college, Perundurai. August 08th & 09th 2020.

PERSONAL INFORMATION

- **Date Of Birth** : 25-06-1993
- **Gender** : Male
- **Father's name** : Mr.MOORTHIL.R
- **Mother's name** : Mrs.SANTHIL.R
- **Mother tongue** : Tamil
- **Nationality** : Indian
- **Marital Status** : Unmarried
- **Languages Known** : Tamil, English.
- **Hobbies** : Playing cricket, Reading Books.
- **Strength** : 1. Ability to work in a team.
2. Good organizational skills

DECLARATION

I hereby declare that all the information furnished above is true, correct and complete to the best of my knowledge and belief.

Place : Chennai

Date :



SIGNATURE
(Dr. ARUL.M)