

CURRICULUM VITAE

Dr.A. Arulselvan
Teaching Fellow
Department of Mechanical
UCE – BIT Campus, Tiruchirappalli 620 024
Contact no:
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➤ **Research Area:**

- Heat Pipe
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➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (Energy Engineering)	Anna university	2011	-	-
M.Phil.	-	-	-	-
PG (Thermal Power)	Annamalai university	2002	7.51	First class
UG (Mechanical)	Shri Angala Amman college of Engineering & Technology	2000	55	Second class
Others				

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
Rajarajeswari Engineering College, Chennai	Lecturer	16-02-2004	30-12-2004	11 month
Easwari Engineering College, Chennai	Lecturer	12-07-2010	8-04-2011	9 month
M.A.M College of Engineering, Trichy	Associate Professor	11-07-2011	11-04-2014	2 years 9 month

Vel Tech University, Chennai	Associate Professor	8-07-2014	8-06-2015	11 month
Periyar Maniammai University, Thanjavur	Assistant Professor (Sl.Gr)	15-07-2015	16-11-2016	1 year 4 month
University College of Engineering, Anna university, BIT Campus, Trichy	Visiting Faculty	5.04.2022	28.8.2022	5 month
University College of Engineering , Anna university, BIT Campus, Trichy	Teaching Fellow	29-08-2022	Till date	1 year

➤ **Awards / Honours Received:**

1. Nil

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

1. Class coordinator Automobile Engineering Department IV Sem

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

1. Nil
- 2.

➤ **Fellowships and Grants received:**

- Nil

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: Nil
- b. Number of UG Project Completed: Nil

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

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

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

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.	Nil			

➤ **Publications:**

a. Books / book chapters:

1. Nil

b. International Journals:

1. A. Arulselvan, P. Pandiaraj and A. Pugazhenthii., Investigation of Thermal Resistance on a Copper – Water Heat Pipe under Various Modes of Condenser Cooling. Proceedings of the International Conference on Materials, Design and Manufacturing Process (ICMDM), February 17-19,2016, at Anna university Chennai , Page no. 453-460.
2. A. Arulselvan, V. Pandiyarajan and R. Velraj., Experimental Investigation of the Effect of Power Input on a Heat pipe. Proceedings of the International Conference on Energy and Environmental Systems (ICEES'17) at Anna university Trichy, Page no. 94 – 99.
3. A. Arulselvan and V. Pandiyarajan., Thermal Performance of an Extended Surface Heat Pipe. Proceedings of the International Conference on Renewable Energy and Sustainable Environment (RESE - 17) at Dr. Mahalingam College of Engineering & Technology, Pollachi, July 20 – 22, 2017, Page no: 17 – 23.

4. National Journals:

1. Nil

➤ **Patents:** Nil

➤ **Sponsored Research Projects:**

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

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➤ **Consultancy Activities:**

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

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

- Nil

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

1. Participated on Mission 10 X at MAM college of Engineering, Trichy during 13 - 12 - 2011 to 17 - 12 - 2011.
2. Participated on Indo – German Workshop on Recent Development in Large Scale Solar Thermal systems for Commercial Application and Green Buildings at Anna university Chennai on 22 - 6 - 2011.
3. Participated and exhibited the Innovations in the Technology Exhibition during 13 - 5 - 2014 to 14 - 5 – 2013, organized by Centre for Technology Development and Transfer, Anna university Chennai.
4. Participated One day Workshop on Advances in Energy Storage for Energy Management and Broader use of Renewable Sources, organized by Institute for Energy Studies, Anna University Chennai on 27 - 3 - 2014.
5. Participated Faculty Development Programme on Computational Fluid Dynamics for Heat Transfer Applications during 15 - 12 - 2014 to 17- 12 - 2014 at Vel Tech Dr.RR & Dr. SR Technical University Chennai.
6. Participated Faculty Development programme on Soft Skills Development during 29 -12 -2014 to 30 - 12 - 2014 at Vel Tech Dr.RR & Dr. SR Technical University Chennai.
7. Participated Seminar on Users Awareness Programme on Springer on 22 - 12 - 2014 at Vel Tech Dr.RR & Dr. SR Technical University Chennai.
8. Participated Faculty Recharge Programme on Design & Manufacturing during 16 - 5 - 2016 to 23 - 5 - 2016 at Periyar Maniammai University, Thanjavur.
9. Participated Faculty Development Programme on Question Paper Setting and Evaluation Reforms during 28 - 12 - 2015 to 29 -12 - 2015 at Periyar Maniammai university, Thanjavur.
10. Participated in the one day Intellectual Property Rights, Start – up & Innovations held on 30-06-2022 at University College of Engineering, Anna university, BIT Campus , Trichy
11. Participated in one day Seminar on Quality Research and Funding Opportunities An Innovative Approach at University College of Engineering, Anna university, BIT Campus, Trichy.

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

1. Paper presented in the title of Investigations of Thermal Resistance on a Copper Water Heat Pipe Under Various Modes of Condenser Cooling. In the International Conference on Materials, Design and Manufacturing Process during February 17 – 19,2016 at Anna university Chennai.

2. Paper presented in the title of Experimental Investigation of the Effect of Power Input on a Heat Pipe. In the International Conference on Energy and Environmental Systems during March 10- 12, 2017 at Anna university Trichy.
3. Paper presented in the title of Thermal Performance of an Extended Surface Heat Pipe. In the International Conference on Renewable Energy and Sustainable Environment during July 20 – 22, 2017 at Dr.Mahalingam College of Engineering and Technology, Coimbatore,Pollachi
4. Paper presented in the title of Experimental investigations on the effect of using distilled water in a heat pipe with copper screen wick. In the International Conference on Sustainable Energy Resources, Materials and Technologies during March 14 – 15, 2019 at SSN College of Engineering Chennai.
5. Paper Presented in the title of Investigation on Thermal Behavior of Copper water Heat Pipe with Respect to Power Input Under the Condenser Cooled by Air Cooling in the Second International Conference on Materials, Design and Manufacturing Process (ICMDM) held during 23-02-2023 to 25-02-2023 at College of Engineering Guindy Anna university, Chennai.

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

- Nil

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

- Nil

(B) Guest lectures delivered:

- Nil