



**C. ARUNKUMAR**  
**Assistant Professor**

### Contact

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### Academic Qualifications:

COURSE	INSTITUTION	UNIVERSITY	YEAR OF PASSING	CLASS & PERCENTAGE
M.E (Energy Engineering)	University college of Engineering BIT campus, Trichirappalli	Anna University	2015	FIRST & 82.1
B.E (Mechanical Engineering)	EASA College of Engineering and Technology, Coimbatoure	Anna University	2013	FIRST & 82.5

### Teaching Experience: 3 Years and 5 Months

### Additional Responsibilities

1. Coordinator, B.Voc in Automobile Technology, DDU-KAUSHAL Kendra, Khajamalai campus, Bharathidasan University, Tiruchirappalli – 620 023.

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
Xx	06	Xx	06	xx

## Distinctive Achievements / Awards

1. Got **Gold Medal** during my PG programme (M.E Energy Engineering) at Anna University, Chennai.
2. During PG programme, I worked as a Teaching Assistantship under **TEQIP-II** sanctioned by **NIPU, New Delhi** for two years.

## Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

1. Volunteered and organizing the International Conference on **Sustainable Energy System and Energy management (SESEM'2015)** held at **Anna University, BIT campus, Tiruchirappalli** during **4<sup>th</sup> June 2015 to 5<sup>th</sup> June 2015**.
2. Volunteered and organizing the two weeks Faculty Development Programme on **"Advanced Manufacturing Process for Automobiles (AMPA'15)** held at **Anna University, BIT campus, Tiruchirappalli** during **20<sup>th</sup> may 2015 to 02 June 2015**.
3. An organized One Day Seminar on **"Skill Development and Vocational Education in Higher Education"** conducted by **DDU-KAUSHAL Kendra** at **IECD Building, Bharathidasan University, Tiruchirappalli** on **27.01.2017**.
4. An organized One Day Seminar on **"Skill Development and Vocational Education in Higher Education"** conducted by **DDU-KAUSHAL Kendra** at **Sri Brahadambal Government Higher Secondary School Pudukkottai** on **02.02.2017**.
5. An organized One Day Seminar on **"Skill Development and Vocational Education in Higher Education"** conducted by **DDU-KAUSHAL Kendra** at **Hotel Ganam Thanjavur** on **25.02.2017**.

6. An organized One Day Seminar on **“Skill Development and Vocational Education in Higher Education”** conducted by **DDU-KAUSHAL Kendra** at **Hotel Dhanalakshmi Srinivasan, Perambalur** on 27.02.2017.

## Events Participated

### International Conferences:

1. International Conference on **Sustainable Energy System and Energy management (SESEM'2015)** has participated and presented the paper titled **“ Theoretical Panel Temperature Determination of PV Module by Evaporating Cooling”** held at **Anna University, BIT campus, Tiruchirappalli** during **4<sup>th</sup> June 2015 to 5<sup>th</sup> June 2015**.
2. International Conference on **Energy and Environmental System** has participated and presented the paper titled **“ Prospect and Feasibility Study of Hybrid Solar Diesel System Power Generation on Tollgate Premises at Tiruchirappalli”** held at **Anna University, BIT campus, Tiruchirappalli** during **10<sup>th</sup> – 12<sup>th</sup> March 2017**.
3. International Conference on **Recent Trends in Mechanical and Civil Engineering (ICRTMCE'17)** has participated and presented the paper titled **“ Performance and Emission Analysis of LHR Diesel Engine Coated with Zirconium Fuelled with Corn Methyl ester Blends”** held at **Christian College of Engineering and Technology** during **16<sup>th</sup> – 18<sup>th</sup> March 2017**.
4. International Conference on **Engineering, Energy and Environment (ICEEE'17)** has participated and presented the paper titled **“ Effects of Injection Timing on Performance and Emission Analysis of LHR Diesel Engine Coated with Zirconium Fuelled with Methyl Ester Diesel Blends”** held at **TRP Engineering College** during **31<sup>st</sup> March – 02<sup>nd</sup> April 2017**.
5. International Conference on **Contemporary Design And Analysis Of Manufacturing And Industrial Engineering Systems** has participated and presented the paper titled **Effects of “Injection Timing On The Performance And Emission Analysis of LHR Diesel Engine Coated With Zirconia And Fuelled With Methyl Ester Diesel Blends”** held at **Department of Production Engineering National Institute Of Technology, Tiruchirappalli** during **18-20 January 2018**.
6. International Conference on **Advances in Mechanical, Production and Industrial Engineering** has participated and presented the paper titled **“Investigation on the Performance of four stroke SI Engine Using Methyl Phenyl Ether Blended with**

**Gasoline” held at Mahendra Institute of Engineering and Technology during Feb 14<sup>th</sup> – 15<sup>th</sup> 2018.**

#### **National Conferences:**

1. National Conference on **Recent Trends in Mechanical Engineering (NCRTME’13)** has participated and presented the paper titled **“Increased Efficiency of Electrostatic Precipitator by Using IGBT”** held at **Easa College of Engineering and Technology** during **09<sup>th</sup> April 2013**.
2. National Conference on **Advances in Mechanical and Energy Engineering (NCAME’16)** has participated and presented the paper titled **“Heat Distortion Test on Polymer Matrix Composite”** held at **Anna University, BIT Campus, Tiruchirappalli** during **01<sup>st</sup> – 02<sup>nd</sup> Sep 2016**.
3. National Conference on **Engineering Design and Analysis (NCEDA’16)** has participated and presented the paper titled **“Investigation on the Performance of Four Stroke SI Engine Using Methyl Phenyl Ether Blended with Gasoline”** held at **Anna University, BIT Campus, Tiruchirappalli** during **02<sup>nd</sup> – 03<sup>rd</sup> Sep 2016**.
4. National Conference on **Aeronautical and Mechanical Engineering (NCAME’16)** has participated and presented the paper titled **“A Review on Flash Evaporation Desalination Using Solar Energy”** held at **KCG College and Technology** during **24<sup>th</sup> March 2017**.
5. National Conference on **Aeronautical and Mechanical Engineering (NCAME’16)** has participated and presented the paper titled **“The Performance of Four Stroke Si Engine Using Methyl Ester Phenyl Blended With Gasoline”** held at **KCG College and Technology** during **24<sup>th</sup> March 2017**.
6. National Conference on **Advanced Healthcare Materials And Processing In Medical Technology (N-CAMP’17)** has participated and presented the paper titled **“Distortion Test On Polymer Matrix Composite”** held at Department of Mechanical Engineering, **SVS College Of Engineering, Coimbatore** during **15<sup>th</sup> December 2017**.

#### **Seminars / Workshops:**

1. One week workshop on **conducted by YBGSKC’S: Kubota Industry Institute Interface Project(Kiiip)** and Completed the requirements of the Technical Knowledge and Repair of Kubota RT 140 Engine.

2. Two days workshop on **“Thrust Area for Research and Students Projects”** held at Anna University, BIT campus, Tiruchirappalli during 17<sup>th</sup> – 18<sup>th</sup> October 2013.
3. One day National Level workshop on **“Energy Audit An Overview”** Conducted by Centre for Sustainable energy Research (CENSER) held at KSR Institute for Engineering and Technology, Tiruchengode during 13.09.2014.
4. One day technical event and workshops on **“Labview and CFD”** held at National Institute of Technology, Tiruchirappalli during on 16<sup>th</sup> April 2015.
5. Two days workshop on **“Automotive materials (AUTOMAT’16)”** held at Anna University, BIT campus, Tiruchirappalli during 18<sup>th</sup> – 19<sup>th</sup> February 2016.
6. One day programme on **“Welding of automotive Steels (AUTOM’16)”** conducted by Indian Welding Society, BHEL Tiruchirappalli during 14<sup>th</sup> March 2016.
7. One day programme on **“Advances in Manufacturing Process”** Conducted by Mahendra Institute of Engineering and Technology during 11<sup>th</sup> August 2016.
8. One Day Programme on **“Types of Steel & Their Processing (STEEL 18)”** conducted by Anna University, BIT Campus, Trichy during 23<sup>rd</sup> February 2018.

#### **Other Training Programs**

1. Participated in the **two weeks Faculty Development Programme** entitled **“Numerical Methods and Statistical Tools in Engineering (NMSTE’16)”** was conducted by **Department of Automobile Engineering, Anna University, BIT campus Tiruchirappalli** sponsored by **TEQIP II** during **09.06.2016 to 22.06.2016**.
2. Participated in the **two weeks Faculty Development Programme** entitled **“Advanced Manufacturing Methods and Materials”** was conducted by **Department of Mechanical Engineering, Anna University, BIT campus Tiruchirappalli** sponsored by **TEQIP II** during **22.06.2016 to 06.07.2016**.
3. Participated in the state level conference on **“Role of RBI in rural economy”** organized by the department of commerce, AIMAN College of Arts & science for Women, Trichy in coordination with Reserve Bank of India on **4<sup>th</sup> October 2016**.
4. Participated in the one day **Faculty Development Programme** on **“Enhancing Learning Outcomes through Effective Teaching”** – Organized by the **Internal Quality Assurance Cell and UGC – Human Resource Development Centre, Bharathidasan University** on **28.11.2018**.

## **Membership in**

1. Internal Member, **Board of Studies, B.Voc in Automobile Technology, DDU-KAUSHAL Kendra, Bharathidasan University, Tiruchirappalli - 620 023.**
2. Internal Member, **Board of Studies, B.Voc in Logistics & Supply Chain Management, DDU-KAUSHAL Kendra, Bharathidasan University, Tiruchirappalli - 620 023.**
3. Internal Member, **Board of Studies, B.Voc in Trouble Shooting & Maintenance of Electrical & Electronic Equipments, DDU-KAUSHAL Kendra, Bharathidasan University, Tiruchirappalli - 620 023.**

## **Resource persons in various capacities**

1. One Day Seminar on **“Skill Development and Vocational Education in Higher Education”** conducted by **DDU-KAUSHAL Kendra at IECD Building, Bharathidasan University, Tiruchirappalli** on 27.01.2017.
2. One Day Seminar on **“Skill Development and Vocational Education in Higher Education”** conducted by **DDU-KAUSHAL Kendra at Sri Brahadambal Government Higher Secondary School Pudukkottai** on 02.02.2017.
3. One Day Seminar on **“Skill Development and Vocational Education in Higher Education”** conducted by **DDU-KAUSHAL Kendra at Hotel Ganam Thanjavur** on 25.02.2017.
4. One Day Seminar on **“Skill Development and Vocational Education in Higher Education”** conducted by **DDU-KAUSHAL Kendra at Hotel Dhanalakshmi Srinivasan,Perambalur** on 27.02.2017.