

## BIO DATA



Name : **M.Muthukumaraalagn**  
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Date of Birth : 23.06.1990  
Date of Joining in RIT : 01.06.2016  
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### 1. Educational Qualification

Degree/Diploma	Specialization	Institute	Year of Passing
DME	DME (Mech.Engg)	Arulmigu Kalasalingam college of polytechnic,Krishnankovil	2011

### 2. Industry/Professional Experience : (in chronological order)

S.No.	Designation	Institution/Organization	Period	
			From	To
1.	Lab Technician	Ramco Institute of Technology,Rajapalayam	01.06.2016	Till Date
2.	Lab Technician	Sri Vidya College of Engineering and Technology,Virudhunagar	18.06.2012	28.05.2016
3.	Technical Supervisor	Sri Umamaheswari,Mamsapuram.	28.04.2011	01.06.2012

### 3. Short term Courses / Seminars / Workshop/ Development Training program Attended:

S.No.	Title of Event	Organized by	Date	
			From	To
1.	Troubleshooting Debugging and designing skills	Ramco Institute of Technology, Rajapalayam	04.03.2024	08.03.2024
2.	Office Process Automation	Ramco Institute of Technology, Rajapalayam	03.01.2023	04.01.2023
3.	Energy management in home	Ramco Institute of Technology, Rajapalayam	17.12.2022	-
4.	Maintenance 4.0 in wind energy industry	Ramco Institute of Technology, Rajapalayam	26.11.2021	-
5.	Energy conservation activities in industry premises	Ramco Institute of Technology, Rajapalayam	04.10.2020	-
6.	Hands on training virtual laboratory under IITM PALS chemistry experiments	Ramco Institute of Technology, Rajapalayam	08.08.2020	-

7.	Hands on training virtual laboratory under IITM PALS physics experiments	Ramco Institute of Technology, Rajapalayam	08.08.2020	-
8.	Hands on training virtual laboratory under IITM PALS Mechanical experiments	Ramco Institute of Technology, Rajapalayam	07.08.2020	-
9.	Hands on training virtual laboratory under IITM PALS civil experiments	Ramco Institute of Technology, Rajapalayam	03.08.2020	-
10.	Grammar and punctuation	Coursera	28.07.2020	-
11.	Excel skills for business: essentials	Coursera	10.07.2020	-
12.	Two day workshop on adobe Photoshop	Ramco Institute of Technology, Rajapalayam	13.12.2019	14.12.2019
13.	One day workshop on skill development program	Ramco Institute of Technology, Rajapalayam	06.12.2019	-
14.	Two day skill development program for lab instructor/technician	Kamaraj College of Engineering and Technology, Virudhunagar	14.11.2019	15.11.2019
15.	One day workshop on recent trends in chemistry	Ramco Institute of Technology, Rajapalayam	11.08.2018	-
16.	Happy workplace	Ramco Institute of Technology, Rajapalayam	28.06.2018	-
17.	Two day workshop for lab technician on CNC Turning and milling	Ramco Institute of Technology, Rajapalayam	08.12.2017	09.12.2017
18.	Servicing of equipments and computer and fundamentals	Sri Ramakrishna Engineering College, Coimbatore	09.09.2017	-
19.	Two days workshop coordinate measuring machine	Ramco Institute of Technology, Rajapalayam	12.08.2017	13.08.2017
20.	New product development in CNC Machine	Ramco Institute of Technology, Rajapalayam	17.12.2016	-

#### 4. Short term Courses / Seminars /Workshop/Development Training program Assisted:

S.No.	Title of Event	Organized by	Date	
			From	To
-				

#### 5. Online Courses

S.No.	Course Title	University	Date	
			From	To
1.	Office Process Automation	Ramco Institute of Technology, Rajapalayam	03.01.2023	04.01.2023
2.	Excel skills for business: Essentials	Coursera	-	10.07.2020
3.	Grammar and	Coursera	-	28.07.2020

	punctuation			
4.	Latex for students, engineers, and scientists	edx	-	30.09.2020

#### 6. Additional responsibilities:

- Preparing and setting up equipment and instruments for experiments.
  - Troubleshooting and resolving issues that arise during experiments.
  - Ensuring adherence to safety protocols and guidelines.
  - Maintaining a clean and organized workspace.
  - Calibrating and maintaining laboratory equipment.
  - Collaborating with colleagues and researchers on projects such as MUSAholder IIT RuTAG Fabrication, TIFFAN 2023, Onion Segregations Machine
- Preparing Experiments:**
- Reviewing experimental protocols and procedures.
  - Gathering and organizing required materials and equipment.
- Setting Up and Calibrating Equipment:**
- Setting up laboratory instruments and equipment for experiments.
  - Calibrating instruments to ensure accurate measurements.
  - Performing routine maintenance and basic troubleshooting of equipment.
- Conducting Experiments:**
- Following standard operating procedures (SOPs) for experiments.
  - Performing tests and measurements accurately and precisely.
  - Recording data, observations, and results in a detailed manner.
- Lab Safety and Cleanliness:**
- Adhering to safety protocols and guidelines at all times.
  - Properly disposing of hazardous waste materials.
  - Maintaining a clean and organized workspace.
- Documentation:**
- Recording detailed notes of procedures, observations, and results.
  - Maintaining accurate and up-to-date laboratory records.
  - Creating and updating inventory lists for supplies and materials.
- Stock Register:**
- Maintain an accurate inventory of lab supplies, accessories and materials
  - Regularly update the stock register.
  - Coordinate with procurement to ensure adequate stock levels for ongoing experiments
- work contribution**
- Power house department assessment work contribution
  - Plumbing related work purifier stand& welding cutting plumbing work contribution
  - Boys hostel shed related work contribution
  - Gardeners & sweepers hand tools and repair work contribution
  - Exam cell Anna University Hall checking duty
  - Monitoring Duty
  - College gate and way board making windows repair work all college campus work contribution
  - Extra fitting work all department
  - College extra activities like admission Programme “what next” contribution. Institute level programs/Events seating arrangement& food services.
  - Transport related repair work
  - Computer Department Network Rack Stand making all over college work contribution
  - Physical Department cricket post , hand ball, volleyball post, tennis post and net practices post etc