

# FACULTY PROFILE

N. MUTHU SARAVANAN. M

## Personal Details

**Salutation:** Mr.  
**Instructor Name:** **Muthu Saravanan. N**  
**Designation:** **Assistant Professor**  
**Department:** MECHANICAL ENGINEERING -  
NEC  
**Date of Joining in  
NEC:** 14-06-2018  
**Mobile Number:** 8610606522  
**College Id:** MECT541  
**College Email Id:** saravananmech@nec.edu.in  
**Unique Staff Id:** 1-4403236245



## Address for Communication

**Address Line 1:** 30 **Pincode:** 627007  
**Address Line 2:** 3rd Thomas Street, Perumalpuram **District:** Tirunelveli  
**City:** Tirunelveli **State:** Tamilnadu

## Educational Qualifications

| Sr | Name of the Degree | Specialization         | Name of the Institute                        | Name of the University | Year of Passing |
|----|--------------------|------------------------|--|------------------------|-----------------|
| 1  | B.E                | Mechanical Engineering | Francis Xavier Engineering College           | Anna University        | 2015            |
| 2  | M.E                | Thermal Engineering    | Anna University Regional Campus, Tirunelveli | Anna University        | 2018            |

## Faculty Professional Experience

| Sr | Name of Institute / Organizations | Designation | Date of Joining | To         | Total Experience |
|----|-----------------------------------|-------------|-----------------|------------|------------------|
| 1  | LAKSHMI AMMAL POLYTECHNIC COLLEGE | LECTURER    | 24-06-2015      | 30-04-2016 | 1 YEAR           |

## FDP/ Workshop/ Seminar/ Training/ Knowhow Program Attended

| Sr | Name of the Event   | Event Type                  | Name of the Institution or Organization  | From       | To         |
|----|---|-----------------------------|--|------------|------------|
| 1  | Steam and Gas Power System  | Faculty Development Program | IIT Madras                               | 04-02-2019 | 30-04-2019 |
| 2  | Perspectives of Teaching and Learning of Engineering Sciences for Outcome Based Education | International Workshop      | National Institute of Technology, Trichy | 15-06-2020 | 20-06-2020 |

## International and National Conferences Attended

| Sr | Name of the Conference  | Event Type                            | Name of the Institution or Organization  | Title of the Paper   | Authors   |
|----|---|---------------------------------------|--|--|---|
| 1  | 2nd International Conference on Recent Trends in Metallurgy, Materials Science and Manufacturing    | International Conference Presentation | National Institute of Technology, Trichy | Experimental investigation on the Performance Enhancement of Single basin double slope solar still using kanchey marbles | Muthu Saravanan N, Rajakumar S, Arul Marcel Moshi A                                     |
| 2  | 4th International Conference on Advances in Mechanical Engineering                                  | International Conference Presentation | SRM UNIVERSITY                           | Multi-Response Optimization of the Characteristics of Wooden fuel sources for Boiler applications                        | Karthick A, Muthu Saravanan N, Arul Marcel Moshi A, Iyahraja S                          |
| 3  | International Conference on Emerging trends in Design, Manufacturing, Materials and Thermal Science | International Conference Presentation | CRESCENT                                 | Performance enhancement of solar water heater incorporated with latent heat storage materials                            | Ajees Aboobucker. M, Muthu Saravanan. N, Mayilraj@Sathish. R, Aakash. S, Gunasekaran. M |

## Faculty Research Publications

| Sr | Title of the Paper  | Name of the Journal         | Year of Publication | Authors   |
|----|---|-----------------------------|---------------------|---|
| 1  | Experimental investigation on the performance enhancement of single basin double slope solar still using kanchey marbles as sensible heat storage materials | Materials Today Proceedings | 2020                | N. Muthu Saravanan, S Rajakumar, A. Arul Marcel Moshi |

| Sr | Title of the Paper   | Name of the Journal                     | Year of Publication | Authors   |
|----|--|---|---------------------|---|
| 2  | Performance enhancement of solar water heater incorporated with latent heat storage materials                              | Lecture Notes in Mechanical Engineering | 2021                | Ajees Aboobucker. M, Muthu Saravanan. N, Mayilraj@Sathish. R, Aakash. S, Gunasekaran. M |
| 3  | Experimental study on the stability and flame characteristics of LPG flames in O2/N2 and O2/CO2 environment                | Materials Today: Proceedings            | 2022                | ZFA Gani, JS Mohamed, JPS Gnanaraj, N Muthu Saravanan                                   |
| 4  | Computational analysis on the stability and characteristics of partially premixed butane air open flames in tubular burner | Thermal Science                         | 2021                | Zeenathul Farida Abdul, N Muthu Saravanan   |

## Product Development Activities

| Sr | Product Title                                 | From       | To         | Funds Received |
|----|---|------------|------------|----------------|
| 1  | Design and fabrication of Puri Making Machine | 01-07-2021 | 30-11-2021 | ₹ 7,500.00     |