

FACULTY PROFILE

SUDALAIYANDI. K

Personal Details

Salutation: Mr.

Instructor Name: **Sudalaiyandi. K**

Designation: **Assistant Professor**

Department: MECHANICAL ENGINEERING -
NEC

**Date of Joining in
NEC:** 08-06-2016

**Date of Joining in
Present Post:** 08-06-2016

Mobile Number: 9095045223

College Id: MECT527

College Email Id: sudalais444mech@nec.edu.in

Unique Staff Id: 1-318797407



Address for Communication

Address Line 1: 4/93-2/1, Ayyan kovil street **Pincode:** 628005

Address Line 2: Muthiahpuram **District:** Thoothukkudi

City: Thoothukkudi **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	Government College of Engineering, Tirunelveli	Anna University Chennai	2013
2	M.E	Thermal Engineering	Government College of Technology, Coimbatore	Anna University Chennai	2016

Faculty Professional Experience

Sr	Name of Institute / Organizations	Designation	Date of Joining	To	Total Experience
1	National engineering College	Assistant professor	08-06-2016	30-03-2022	5

FDP/ Workshop/ Seminar/ Training/ Knowhow Program Attended

Sr	Name of the Event	Event Type	Name of the Institution or Organization	From	To
1	National Workshop	Faculty Development Program	NIT Tiruchirappalli	15-06-2020	20-06-2020
2	Advanced energy conversion and storage systems	GIAN Course	NIT Warangal	07-02-2022	18-02-2022
3	Practical Energy Audit Program	Short Term Training Program	TERI Bengaluru	16-01-2020	17-01-2020
4	Foundation Program in ICT for Education	Faculty Development Program	IIT Bombay	08-03-2018	12-04-2018
5	Pedagogy for Online and blended Teaching-Learning process	Faculty Development Program	IIT Bombay	03-05-2018	30-05-2018
6	Laws of thermodynamics	Course	NPTEL	03-07-2017	30-08-2017
7	Faculty development program	Faculty Development Program	IIT madras	01-11-2017	03-11-2017
8	Quality Improvement program	Faculty Development Program	NITTTR	22-05-2017	27-05-2017
9	Quality Improvement program	Faculty Development Program	NITTTR	27-05-2017	29-05-2017
10	development program	Faculty Development Program	EDII Tamilnadu	27-08-2018	29-08-2018
11	Recent and future trends in automobile engineering	National Workshop	Anna university MIT campus	09-03-2018	10-03-2018

International and National Conferences Attended

Sr	Name of the Conference	Event Type	Name of the Institution or Organization	Title of the Paper	Authors	From	To
1	Product design, Development and Deployment	International Conference Presentation	VIT Vellore	Effect of ternary blends(Diesel+Linseed+Calophyllum inophyllum biodiesel) on diesel engine characteristics	Sudalaiyandi K, Selvan P	11-09-2021	12-09-2021

Faculty Research Publications

Sr	Title of the Paper	Name of the Journal	Year of Publication	Authors	DOI (Digital Object Identifier System)
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Sr	Title of the Paper	Name of the Journal	Year of Publication	Authors	DOI (Digital Object Identifier System)
1	Building Integrated Photovoltaic modules and the integration of phase change materials for equatorial applications	Buliding services engineering research and technology	2019	A.Karthick, K.Kalidasa Murugavel, K.Sudalaiyandi, A Muthu Manokar	10.1177/0143624419883363
2	Performance and emission characteristics of diesel engine fueled with ternary blends of linseed and rubber seed oil biodiesel	Fuel	2021	Sudalaiyandi K, Vignesh Kumar R, Karthick Alagar, Manoj Praveen VJ, Madhu P	10.1016/j.fuel.2020.119255

Product Development Activities

Sr	Product Title	From	To	Funds Received	IPR Status
1	Palm Jaggery production machine	10-06-2019	07-08-2020	₹ 2,50,000.00	Filed

Membership in Professional Societies

Sr	Name of the Society / Organization	Type of Membership	Membership ID
1	BEE	Certified Energy Manager	EA-34488

Consultancy Work Details

Sr	Consultancy Work Detail	Name of Industry / Agency	Amount	From	To
1	Energy Audit	K.R art and Science college	₹ 0.00		
2	Energy Audit	LAPC Kovilpatti	₹ 0.00		
3	Energy Audit	VOC College Thoothukkudi	₹ 18,000.00	30-12-2021	31-12-2021