



NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)



DEPARTMENT OF AGRICULTURAL ENGINEERING

INDIVIDUAL FACULTY DATA SHEET

Name of the College : Nandha Engineering College
Name of the Department : Agricultural Engineering
Name of the Degree & Course : B.Tech
Name of the Faculty Member : Dr.M.K.Murthi
Regular or Adjunct : Regular
Designation : Associate Professor
Mail Id : murthi.kannusamy@nandhaengg.org
Gender : Male
Date of Joining the present Post : 14.08.2001



Educational Qualifications:

| Category | Name of the Degree | Specialization | Years of Passing | Name of the College | Name of the University | % of Marks / Grades obtained | Class obtained |
|----------|--------------------|-------------------|------------------|------------------------------|--------------------------|------------------------------|------------------------------|
| DME | D.M.E | Mechanical Engg. | April 1994 | Kongu Polytechnic | DOTe, Tamilnadu | 76.92 | First Class with Distinction |
| UG | B.E | Mechanical Engg. | April 1999 | Maharaja Engineering College | Bharathiyar University | 71.8 | First Class |
| PG | M.E | Thermal Power | December 2000 | Annamalai University | Annamalai University | 67.6 | First Class |
| Ph.D | Ph.D | Alternative Fuels | May 2019 | Anna University, Chennai | Anna University, Chennai | | |

Title of Ph.D Thesis* :

Experimental Studies on Performance, Emission and Combustion Characteristics of Biodiesel with Additives in a VCR Diesel Engine

Faculty in which Ph.D was awarded : Mechanical Engineering

Academic Experience:

| Name of the college | Designation | Joining Date | Relieving Date | Experience | | |
|----------------------------|---------------------|--------------|----------------|------------|--------|------|
| | | | | Years | Months | Days |
| Nandha Engineering College | Lecturer | 14.08.2001 | 09.08.2004 | 2 | 11 | 26 |
| Nandha Engineering College | Assistant Professor | 10.08.2004 | 03.01.2012 | 7 | 4 | 24 |
| Nandha Engineering College | Associate Professor | 04.01.2012 | Till date | 11 | 7 | 13 |
| Total | | | | 22 | 0 | 3 |

Industrial Experience:

| Name of the company | Designation | Joining Date | Relieving Date | Experience | | |
|--|---------------------|--------------|----------------|------------|--------|------|
| | | | | Years | Months | Days |
| SunTech Automobile Products, Coimbatore. | Production Engineer | 04.10.2000 | 31.07.2001 | 0 | 10 | 0 |
| Total | | | | 0 | 10 | 0 |

Journal Publication Details :

1. A Muthuvel, **MK Murthi**, NP Sachin, VM Koshy, S Sakthi, E Selvakumar," Aerodynamic Exterior Body Design of Bus "International Journal of Scientific & Engineering Research 4 (7), 2453-7
2. **MK Murthi**, S Nithiyandam, PS Srinivasan, D Sivakumar, T Ashok," engine "International Journal of Applied Engineering Research 10 (1), 59-6,2015
3. **M.K.Murthi**,"Internal Combustion Engine Efficiency Improvements with Biodiesel Blends using CFD"Perspectivas em Ciencia da Informacao 22 (5), 281-298,2017

National/International Conference :

1. Finite element analysis of Natural Circulation Boiler drum, RAME- 2009, MPNMJ Engineering college, pp. 39, Apr 2009.
2. Experimental investigation of diesel engine using Thevitia Purvania as alternative fuel, ACME- 2010, pp. 42, Erode sengunthur Engineering college, Mar 2010.
3. Analysis of spur gear using different materials, MTME 2012, Nandha Engineering College, Feb 2012
4. Optimizing the machining parameter of wire EDM of HCHCR die steel by using Taghi with ANOVA, MTME 2012, Nandha Engineering College, Feb 2012

Area of Expertise :

| S.No | Subject of Area |
|------|-------------------|
| 1 | Alternative fuels |
| 2 | Heat Transfer |

Funded Research Projects

| S.No. | Title | Investigator(s) | Funding Agency | Amount | Project status |
|-------|--|-----------------|----------------|--------|----------------|
| 1 | Semi-Automatic Herbicide Sprayer with Adjustable Nozzle For Furrow | Dr.M.K.Murthi | TNSCST | 7500 | Completed |