



# 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 : Anandhu K  
Regular or Adjunct : Regular  
Designation : Assistant Professor  
Mail Id : anandhu.k@nandhaengg.org  
Gender : Male  
Date of Joining the present Post : 01.04.2023



### **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
UG	B.E	Mechanical Engineering	2011	Maharaja Engineering College	Anna University	8.4	First class
PG	M.E	Thermal Engineering	2016	Salem College of Engineering	Anna University	7.9	First class

### Academic Experience:

Name of the college	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Maharaja Engineering College	Lecturer	13.01.2013	07.12. 2013	-	10	25
Nandha College of Technology	Assistant Professor	26.06.2016	31.03.2023	6	9	5

### Industrial Experience:

Name of the Industry	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
BHEL	Graduate Apprentice Trainee	26.12.2011	26.12.2012	1	-	-

### Journal Publication Details :

- ❖ K.Anandhu , R.Girimurugan , “ **Performance studies on proton exchange membrane fuel cell with slightly tapered single flow channel for dissimilar cell potentials**”, Materials Today: Proceedings, ISSN: 2214-7853,Volume 06, Pages 1-9, October & 2022
- ❖ K.Anandhu , R.Girimurugan “**Experimental Investigations on Flexural Properties of Coconut Shell and Granite Particles Reinforced Epoxy Matrix Based Hybrid Bio-Composites**” in International Journal of Mechanical Engineering, December 2021, Issue: 03,Volume 06, Pages 2039-2046, ISSN: 0974-5823.
- ❖ K.Anandhu , R.Girimurugan “**Thermal analysis of laser assisted machining cutting tool with Inconel 718 and Cubic Boron Nitride (CBN) material by Finite Element Method (FEM)**” in Aegaeum Journal, April 2020, Issue: 04,Volume 08, Pages 1424-1437, ISSN: 0776-3808.
- ❖ K.Anandhu , R.Girimurugan “**Exploration and Improving the Life of Spark Plug by Treated Using Silicon Gel, Cr-Zn Oxide**” in Journal of Advanced Research in

Dynamical and Control Systems, November 2019, Volume 11, Issue: 12, Pages 174-181, ISSN: 1943-023X.

- ❖ K.Anandhu , **“Design and Fabrication of Swing Mechanism Device for Power Production in Sea Waves”** in Glopal Research and Development Journal for Engineering, November 2019, Volume 04, Issue: 12, Pages 007-010, ISSN: 2455-5703.
- ❖ K.Anandhu , R.Girimurugan **“Comparative analysis of wear rate of coated HSS tool and non- coated HSS tool by using CR-ZN-NI ”** in International Journal of Intellectual Advancements and Research in Engineering Computations, April 2019, Volume 07, Issue: 02, Pages 2807-2813, ISSN: 2348-2079.
- ❖ K.Anandhu , R.Girimurugan **“Eradication of Wastages Developed at the Dust Ejector Line in the Coal Mill”** in International Journal of Intellectual Advancements and Research in Engineering Computations, April 2018, Volume 06, Issue: 01, Pages 730-735, ISSN: 2348-2079.

#### **National/International Conference :**

- ❖ Attended **“International Conference on Science, Technology, Engineering and Management- ICSTEM-2020”** and a presented a paper on **“Performance Analysis of Inconel 718 cutting tool deformation of laser beam machining”** at Kalaignar karunanidhi Institute of Technology, Coimbatore District, Tamilnadu, India.
- ❖ Attended **“International Conference on Recent Innovations in Engineering, Technology & Management(ICRIETM-2019)”** and presented a paper on **“Comparative Analysis of Wear Rate of Coated HSS tool and Non Coated HSS tool by using Cr-Zi-Ni”** at Nandha Engineering College(Autonomous), Erode, Tamilnadu, India.
- ❖ Attended **“International Conference on Sustainable Materials(ICSM 2019)”** and presented a paper on **“Repair Scheme for Rear Fuselage of Kiran Aircraft”** at K S R College of Engineering (Autonomous) Namakkal, Tamilnadu, India.
- ❖ Attended **“National Conference on Recent Trends in Science & Technology (NCRTST’17)”**and presented a paper on **“Oxygen an versatile tool to enhance Cupola operations”** at SriGuru Institute of Technology, Coimbatore, Tamilnadu.
- ❖ Attended **“National Conference on Recent Trends in Science & Technology (NCRTST’17)”**and presented a paper on **“Oxygen an versatile tool to enhance Cupola operations”** at Christ the King Engineering College, Coimbatore, Tamilnadu.

**Area of Expertise :**

S.No	Subject of Area
1	Fluid Mechanics and Machinery
2	Engineering Thermodynamics
3	Strength of Materials