



NANDHA ENGINEERING COLLEGE

(Autonomous)

DEPARTMENT OF AGRICULTURAL ENGINEERING



INDIVIDUAL FACULTY DATASHEET

Name of the College : Nandha Engineering College

Name of the Department : Agricultural Engineering

Name of the Faculty member : P. Sandhiyadevi

Present Designation : Assistant Professor

Regular or Adjunct : Regular

Contact Nos. : 9524642654

Gender : Female

Date of Joining the present Post : 19.12.2018



Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of marks / Grades obtained	Class obtained
PG	M.Tech	Bio energy	2014-16	Agricultural Engineering College & Research Institute,	TNAU Coimbatore	8.80	I
UG	B. Tech	Agricultural. Engg	2009-13	Agricultural Engineering College & Research Institute, TNAU Kumulur, Trichy.	TNAU Coimbatore	7.83	I

Ph.D Scholars(if any)

S.no	Name	Title	Status
1.	P. Sandhiyadevi	Refinement and Development of an In-Situ Pyrolytic Reactor for Biochar Production from Biomass	Doing Course work

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Nandha Engineering College	AP	19.12.2018	-	4	7	5
Total				4	7	5

Work Experience :

S.NO.	Designation	Institution	Scheme	Period
1.	JRF	Department of Bioenergy, Agricultural Engineering College & Research Institute, TNAU, Coimbatore.	GOI – Biogas Development Training Centre (BDTC)	03.09.2013 – 31.03.2014
2.	JRF	Centre for Agricultural & Rural Development Studies, TNAU, Coimbatore.	Estimating the cost of cultivation of major crops in Tamil Nadu	02.05.2014 – 19.08.2014
3.	Student JRF	Department of Bioenergy, Agricultural Engineering College & Research Institute, TNAU, Coimbatore.	GOI – MNRE – R&D scheme entitled “Development of hybrid high rate biomethanation reactor with locally available media for treating waste water and solid waste”	19.08.2015 – 21.06.2016

Journal Publication Details:

International Journals : 2 Nos.

S.No.	Title	Name of the Journal	Month / Year	Category of Indexing	Citation
1.	A Review on groundnut pod separator	IJRSET	March 2021		
2.	Nutritional Analysis of Palmyra Tuber	IJRSET	March 2021		

National/International Conference:

International Conference : 1 No

S.No.	Title	Authors	Month / Year
1.	Design and Development of Sprayer Vehicle for Agriculture	Ms. S. Kiruthika, Ms. S. Sandhiya, Ms. S.M. Amsa varshini, Ms. G. Karunya and Er. P. Sandhiyadevi	March 2019

National Conferences : 2 Nos.

S.No.	Title	Authors	Month / Year
1.	Assessment of Work Environment on Wheat Milling Unit of Ludhiana	Sandhiyadevi,P and Nileshgaikwad	September 2014
2.	Performance evaluation of biogas plants in Tamilnadu	Kamaraj,S., Rajkumar,D.,and Sandhiyadevi,P	November 2014

Awards/Achievements:

- Won 1st place in the **BEST INNOVATION BASED ENTERPRISE AWARD** conducted at CIAE regional centre, Coimbatore 4th October 2012.
- Won 1st place in the intercollegiate **BEST BUSINESS MODEL COMPETITION** conducted at CIAE regional centre, Coimbatore on 5th October 2012.
- Won 3rd place in the finals of innawah! – innovation challenge competition for the project **PULP EXTRACTION FROM PALM FRUIT** conducted at IIT Madras Research Park, Chennai on 26th February 2020.
- Participated in the finals of innawah! – innovation challenge competition for the project **Groundnut Pod Separator (Faculty Mentor)** conducted by IIT Madras Alumni, Chennai on February 2021.
- Participated and presented a model on **HIGH RATE REACTOR** during i3 Expo conducted by PSG tech Alumni Association on September 27 – 29, 2013 at CODISSIA trade fair complex, Coimbatore.

Books /Book Chapters/Patents/Copyrights:

Abstracts

- **Sandhiyadevi,P** and Nileshgaikwad. September 2014. **Assessment of Work Environment on Wheat Milling Unit of Ludhiana**, Abstract Proceedings of the National Level Symposium on Ensuring Future for Eco-Friendly Technologies (ECOFEST'15).pp:62, Agricultural Engineering College& Research Institute, Tamilnadu Agricultural University, Coimbatore. **ISBN : 978-93-84234-39**
- Kamaraj,S., Rajkumar,D.,and **Sandhiyadevi,P**.November 2014. **Performance evaluation of biogas plants in Tamilnadu**. Proceedings of the National Conference on Green fuels from Biomass:Biorefinery Approach.pp132 - 133. Agricultural Engineering College& Research Institute, Tamilnadu Agricultural University, Coimbatore. **ISBN: 978-93-81972-48-9**.

Books (without ISBN)

- Kamaraj,S., Rajkumar,D., Shanmugasundaram,T., Mythili,R. and **Sandhiyadevi,P.** November 2014. **Biogas technology training manual for technicians.** Biogas Development and Training Centre, AEC&RI, Coimbatore.
- Angeeswaran,R. and **Sandhiyadevi,P.** 2015. Practical manual for **ERG 351 Thermochemical Conversion Technology (2+1)**, Publication No: AEC&RI, 12/2015 TNAU, Coimbatore.