

CURRICULUM VITAE

Name: Sanchu Sukumaran

Official Address

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Working Experience

- Working as **Assistant Professor** in the **Department of Farm Machinery & Power Engineering** at Kelappaji College of Agricultural Engineering & Technology, Tavanur.
- Six and half years of experience as **Design Engineer**- Design of agricultural machineries like Micro tractor and Paddy transplanter & Patent filing in an agricultural machinery manufacturing company (**Redlands Ashlyn Motors PLC, India**) from **8th August 2012 to 9th March 2019**.
- Worked as **Research Associate** in the project “Development of Innovative Farm Mechanization Package for Kerala” from 16th February 2011 to June 8th 2012.
- Worked as **Research Assistant** in the project “Development of Innovative Farm Mechanization Package for Kerala” from 18th January 2010 to 14th February 2011.

EDUCATIONAL QUALIFICATIONS

Examination Passed	Month, Year of Passing	Board/ University	Division
M- Tech (Farm Power Machinery)	May, 2010	Punjab Agricultural University, Ludhiana, Punjab (India)	First Division
B-Tech (Agri. Engg)	March, 2007	Kerala Agricultural University, Thrissur, Kerala (India)	No grading system
Higher Secondary	March, 2002	Board of Higher Secondary Examination Govt. of Kerala (India)	First Class
Matriculation	March, 2000	General Education Department, Govt. of Kerala (India)	Distinction

ACADEMIC PROJECTS

Ph. D: - Undergoing

Title: - Design and Development of Tractor operated harvester cum windrower for pulses s.
Institution: - Dept. of FMPE, KCAET, Kerala Agricultural University

M. Tech

Title: - Studies on Performance Characteristics of Selected Hollow Cone nozzles.
Institution: - Dept. of FMPE, COAE, PAU, Ludhiana, Punjab, (India)

B. Tech

Title: - Evaluation of Bio-diesels from non edible oils
Institution: - Dept. of FMPE, KCAET, Kerala Agricultural University

Professional and Honorary Societies present: Indian Society of Agricultural Engineers.

Research Papers/Popular Articles

- Research paper “Development and testing of a Coleus harvester” authored by P R Jayan and S Sanchu, April 2012 issue of International Journal of Agricultural Engineering.
- Research paper “Effect of spraying pressure and usage on discharge rate and wear of hollow cone nozzle having different nozzle tip material. Sanchu Sukumaran, G. S. Manes, S. K. Singh, Arshdeep Singh, Anoop Dixit, Journal of Agricultural Engineering, Vol 50, No 1 (2013).
- Popular article “Thunayekanayi moonnu yantralgal" in a Malayalam popular magazine "Karshakasree" authored by P R Jayan and S Sanchu.

PROJECTS

- ICAR Tribal Sub Plan Project 2021-22- Completed
- State Plan Project Sub Component under “Network Project on Augmenting Small Farm Mechanization in Kerala” – In progress

TRAININGS ATTENDED

Sl No.	Title	Mode
1	One Week Orientation course for the Programme Officers of the National Service Scheme	Offline
2	AICTE Sponsored -FDP on students induction	Offline
3	One Week-HRD training programme - "Foundation course on Research, Education and Extension Management"	Offline
4	21 days winter school training of application of sensors, Instrumentation, AI and ML in Precision Agriculture	Offline
5	AICTE sponsored 5 days Online FDP on " Internet of Things (IoT)"	Online
6	AICTE sponsored 5 days Online FDP on "Robotics"	Online
7	AICTE sponsored 5 days Online FDP on " Product Design"	Online

Seminars Attended: -

- “Intellectual Property Rights” by Patent Information Centre, Kerala, at KCAET, Tavanur.
- All India Seminar on “Recent trends in Agricultural mechanization for Efficiency Improvement” conducted by Institution of Engineers (India) at Institution of Engineers.

ACCOLADES

- Qualified ICAR -National Eligibility Test (2010)
- Received ICAR- **Junior Research Fellowship (JRF)** for pursuing M.Tech.
- Ranked **6th** in All India Combined Examination for Admission to PhD Programme in Agriculture and Allied Science- **SRF** Subject in **Farm Machinery & Energy** discipline.

I here declare that all the above furnished information is true to my knowledge.

Date: 07-11-2023

Place: Tavanur

(Sanchu Sukumaran)