

## Dr. Arya K.T.

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### *PERSONAL DETAILS:*

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**Designation:** Assistant Professor (Contract)

Dept. of Farm Machinery & Power Engineering,  
Kelappaji College of Agricultural Engineering & Technology, Kerala  
Agricultural University, Tavanur-679573  
Email:aryakthankappan72@gmail.com  
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### *EDUCATIONAL PROFILE:*

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**Ph.D** in Farm Machinery and Power Engineering, Acharya N G Ranga Agricultural University, Andhra Pradesh

**M. Tech** in Farm Machinery and Power Engineering, Kelappaji College of Engineering and Technology, Tavanur

**B.Tech** Agricultural Engineering, Kelappaji College of Engineering and Technology, Tavanur

### *MAJOR ACHIEVEMENTS*

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First rank in M.Tech Agricultural Engineering (Farm Machinery and Power Engineering)

Achieved award of ICAR Junior/Senior Research Fellowship [ICAR-JRF/SRF (PGS)]

Secured AIR-5 in ICAR's All India Competitive Examination for Admission to Doctoral Degree Programmes

### *EXPERIENCE*

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Four months experience in Research as Assistant professor (Daily wage) at ARS, Mannuthy

In teaching as Assistant Professor (Contract) in KCAET, Tavanur from June to till date

### *PUBLICATIONS:*

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#### **RESEARCH PAPERS IN PEER-REVIEWED INTERNATIONAL AND NATIONAL JOURNALS:**

- Arya K.T., Ramana C. 2023. Anthropometric Data Analysis and Constraints faced by Women in Operating Agricultural Machinery. Agricultural Engineering International: CIGR Journal, 25(3): 159-169.
- Arya K.T., Ramana C., Ravindra Reddy B., Hari Babu B. and Ramana M.V. 2023. An Approach to Analysis

of Tractor Workspace Design for Gender Neutral Agricultural Workers. *Journal of Agricultural Engineering (India)*, 60(2): 140- 152.

- Arya K.T., Ramana C., Ravindra Reddy B., Hari Babu B. and Ramana M.V. 2022. Comparison of Anthropometric Parameters of Women and Men Agricultural Workers Pertaining to Tractor Operator Workspace. 2022. *Current Journal of Applied Science and Technology*, 41(44): 53-60.
- Arya K.T. and Shaji James P. 2022. Development of An Earth Auger Operating with Brush cutter Engine. *Agricultural Engineering Today*, 46(4): 35-38.
- Arya K.T, Harsha V., Amal Dev J and Jayan P.R. 2021. Performance Evaluation of KAU Manure Pulverizer. *Agricultural Mechanization in Asia, Africa and Latin America*, 52(4): 49-52.
- Arya K.T. and Shaji James P. 2020. Prospects and Constraints in Mechanization of Homestead System of Cultivation in Kerala. *Agricultural Engineering Today*, 44(1): 8-11.

#### **POPULAR ARTICLE**

- Arya K.T. 2023. Biosensors in food industry. *Kerala Karshakan e-Journal*, 16-22.
- Arya K.T., Shaji James P. 2022. Autonomous Robotic Weed Control Systems. *Kerala Karshakan e-Journal*, 41-47.
- Arya K.T., Shaji James P. and Amrutha K. 2019. Griha parisara krishiyum karshika engineering thantrangalum. *Kalpadhenu:Malayalam*: 48-55.

#### **CONFERENCE PAPER**

- Arya K.T, Harsha V.and Amal Dev J. 2018. Performance Evaluation of KAU Manure Pulverizer. *Proceedings: All India Seminar on Innovative mechanisation for small and marginal farmers under rainfed areas. Institution of Engineers (India)*,13-18.