



VAISAKH VENU

ASSISTANT PROFESSOR

KELAPPAJI COLLEGE OF AGRICULTURAL
ENGINEERING & TECHNOLOGY, TAVANUR



KERALA AGRICULTURAL UNIVERSITY

Date of joining university:22/04/2021

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Area Of Interest

- Mathematical Modeling
- Data Analysis
- R Software

Key Roles

- Assistant Professor in Mathematics
- Program Officer -National Service Scheme
- Public Relation Officer.

Education

Experience (8+ Years)

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| <ul style="list-style-type: none"> • Master of Science in Mathematics
M G University,Kottayam
2012 - 2014 • Bachelor of Science in Mathematics
M G University,Kottayam
2009 - 2012 | <ul style="list-style-type: none"> • 2015 - 2021
Christ College of Engineering
KTU
Assistant Professor
<i>Engineering Mathematics I,II,III (B. Tech)</i>
<i>Discrete Mathematics (B. Tech)</i>
<i>Numerical Analysis & Laplace Transform (B. Tech)</i>
<i>Data Analysis Using Statistical Packages(M. tech)</i>
<i>Numerical Methods for Engineering(PhD, M. Tech)</i> • April 2021- Present
KCAET
Kerala Agricultural University
Assistant Professor |
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Publications

- **Venu, V.**, Vipin P. R., & Prajitha N. K. (2023). A Comparative Analytical Study of Many Regression Model Approaches, Arima Model and a Hybrid Model for Forecasting Area, Production, and Productivity of Coconut in Kerala., Current Journal of Applied Science and Technology, 42(40), 37–49. <https://doi.org/10.9734/cjast/2023/v42i404260> NAAS 4.71
- Bowlekar , A. P., Sathian , K. K., & **Venu , V.** (2023). Rainfall Versus Water Balance Components Using R Software: A Case Study on a Micro-watershed in the Mid-lands of Kerala. Journal of Experimental Agriculture International, 45(10), 355–366. <https://doi.org/10.9734/jesai/2023/v45i102228> NAAS 4.89

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- **Venu, V.**, Sreenath B, & Ramdas E. R. (2023). Various Mathematical Models in Agricultural Engineering. Current Journal of Applied Science and Technology, 42(41), 13–20. <https://doi.org/10.9734/cjast/2023/v42i414263>. **NAAS 4.71**
 - **Venu, V.**, Out and In Binary Neighborhood Graph, International Journal of Mathematical Archive, 2016 **UGC Approved Journal***
 - Joseph, J.T. and **Venu, V.** (2016). Risks and Impacts of Managed Aquifer Recharge: A Review, International Journal of Modern Trends in Engineering and Research (IJMTER) Volume 03, Issue 10.
 - **Venu, V.**, Joseph, J.T. (2016). Compactness of Pre-Closure Topological Spaces., International Journal of Engineering Science and Computing.
 - **Venu, V.** and Joseph, J.T. (2016). On Pre-closure Sets in Topological Space. International Journal of Mathematics And its Applications, 4(1-B), pp.173-174.

Conference Papers

- **Vaisakh Venu**, Smitha Davis, Study on I-Group, National conference on Fuzzy Graph Theory, Christ College, Irinjalakuda., 2018

Achievements

- **First Rank Holder**, Assistant Professor in Mathematics- Recruitment, KAU
- Council of Scientific & Industrial Research (CSIR) NET 2015
- Graduate Aptitude Test in Engineering (GATE, 2015)
- Awarded as **Best Outgoing Student** of the year 2014, Dept. of Mathematics, Marthoma College, Tiruvalla.
- **Prof. Pappukkunj Memorial Award** for academic excellence, Msc Mathematics, 2013 & 2014.
- **Prof. C. Kochumman Memorial Award** for academic excellence, Msc Mathematics 2013 & 2014
- **NCC Corporal**, Awarded with B & C certificates.

Books

Vaisakh Venu, Prijimol V B, Neethu K, Reena C G, Introduction to Maxima-The Computer Algebra System,2021

Symposia/Workshop

30/12/2019 to 11/01/2020	Two week -AICTE sponsored Faculty Development Programme (FDP) on Computer Algebra Systems	Vidya Academy of Science & Technology, Thrissur, Kerala
25/05/2020 to 29 /05/2020	One Week -STTP on Recent trends in Research Methodology	RSRI(REST Society for Research International)
28/02/2022 to 29/03/2022	21 days -UGC sponsored induction program	University of Kerala
21/11/2022 to 26/11/2022	One Week -HRD training programme - "Foundation course on Research, Education and Extension Management"	Kerala Agricultural University.
25/05/2023 to 27 /05/2023	3 days - Training programme on ‘Design and Delivery of e-Learning’	Kerala Agricultural University.

Additional Experience

- **HoD(i/c)** , Department of Basics Sciences and Humanities, Christ College of Engineering, Irinjalakkuda, 2020-2021
 - **Convenor**, National Webinar on Online Teaching, Christ College of Engineering, Irinjalakkuda,2021
 - **Quiz Master**, State Level Quiz ‘Scientia’, Christ College of Engineering, Irinjalakkuda,2021
 - **Quiz Master**, All Kerala Quiz in Mathematics, Bishop Moore College , Mavaelikkara, 2018
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