Profile:

Name: Mr.V.Janakiraman

Designation: Assistant Professor, Department of Science and Humanities

Area of Interest: Aeronautical Engineering

About me

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Professional information:

Publication

1. Mangate L.D.; Alabdeli H.; Agarwal R.; Saravanan T.; **Janakiraman V**.; Sherje N.; Kumaraswamy Naidu K. *Adaptive Energy Management System for Enhancing Efficiency and Reliability in Hybrid Renewable Energy Systems* (2024). E3S Web of Conferences,V-591

2. Mohammed Al-Nafei A.A.; Sharanya M.; Saxena A.; **Janakiraman V**.; Gehlot A.; Maheshwari A**.** *IoT-Powered Innovations in Renewable Energy Generation and Electric Drive* (2024). E3S Web of Conferences, 540.

3. **Janakiraman V.;** Arulpandy P.; Al-Fatlawy R.R.; Ranganayaki S.; Singh R. *Enhancing Dimensional Geometry Casting using Computer Modeling,* (2024). E3S Web of Conferences, 491.

4. Singh K.; Singh A.P.; **Janakiraman V.;** Dhabliya D.; Rajendran N.K.; Singh J. *Cost-Effective Resource Allocation in Underwater Fibre Optic Networks Using Bandwidth Optimization (2024).* 2024 15th International Conference on Computing Communication and Networking Technologies,

5. Bagade J.V.; Dari S.S.; Dhivrani R.; Chowhan S.; Ravivarman G.; **Janakiraman V.** Automation Through Machine Learning: Reinvigorating Cyber Security *(2013).* 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024

6. Goyal U.; Kiran K.S.; Mokashi M.K.; Vijayalakshmi V.J.; Dev S.; **Janakiraman V.** *Real-time Abnormal Event Detection in Surveillance Videos using Spatio-temporal Features* 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024

7. Rajasubha J.; Ramya R.; Juliet A.H.; **Janakiraman V.;** Devi S.R.; Karuppaiah S. *An Industrial IoT Driven Approach for Sewage Gas Identification and Reporting System using Intelligent Sensors with Logical ControllerProceedings - 2024 1st International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems, ISTEMS 2024*

8. **Janakiraman V.;** Shobana D.; Aravind A.R.; Nesakumar A D.; Sahitya P.; Jyothi Prasad M**.***;Cutting-Edge Technology: An Intelligent Channel Allocation and Spectrum Sensing Procedures Over 5G Heterogeneous Networks, 2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024*

9. Sunil M.P.; Pandey M.; Garima; **Janakiraman V**.; Maral V.B.; Das S.*Investigating the Use of Data Mining for Knowledge Discovery, 2023 3rd International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2023*

10. **Janakiraman V.;** Vijayaraghavan P.; Banu T.V.; Vijayaraj T.; Ramalingam G. *Flow seperation control in leading edge of aerofoil using plasma actuators ,AIP Conference Proceedings,2383*

11. Vijayaraghavan P.; Vinithrabanu T.; Raj T.V.; Ramalinga G.; **Janakiraman V.** *Experimental and theoretical determination of compressive strength of light gauge steel stub column AIP Conference Proceedings, 2393*

Patents

1. CNC BASED DRAWING ROBOT Application No. 367480-001 Published Date 08.07.2022
2. THE GUIDE BOT WITH ARDUINO UNO Application No. 202241046188 A Published Date 26.08.2022

Certification

NPTEL

Introduction to Abrasive Machining and Finishing Processes - Elite Jan-Mar 2023

Advanced Machining Processes, Aug-Oct 2022

Introduction To Mechanical Micro Machining, Jan-Apr 2019

MEMBERSHIP

ISTE Membership

VIDWAN ID 280175

EDUCATION DETAILS

1. M.E., Aeronautical Engineering, 2013, Infant Jesus College of Engineering and Technology, Anna university, Chennai
2. B.E., Aeronautical Engineering, 2011, SAMA College of Engineering and Technology, Anna University, Chennai

Work Experience:

➢ Worked as Assistant Professor in PSN College of Engineering and Technology from 25.04.2013 to 02.05.2014
➢ Worked as Assistant Professor RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY, Kerala, from 07.05.2014 to 09.10.2015
➢ Worked as Production Supervisor in KPT Manufacturing Sdn Bhd from 09.11.2015 to 04.10 2017
➢ Working as Assistant professor in Prince Shri Venkateshwara PAdmavathy Engineering COllege from 02.11.2017 to till date

LIST OF SEMINARS, FDP AND CONFERENCES ATTENDED

1. FDP on NPTEL-Introduction to Abrasive Machining and Finishing Processes, Jan -Mar 2023
2. FDP on NPTEL-Advanced Machining Processes Aug-Oct 2022
3. FDP on ISTE & SAE INDIA Sponsored 7 Days Online Virtual Faculty Development Programme (FDP) on "Unconventional Machining Processes" from 26.07.2021 to 02.08.2021
4. ATAL FDP on "Challenges and Opportunities for Electric Vehicle Adoption" organized by EEE Department, Erode Sengunthar Engineering College,
5. Participated in One Week Online International FDP on Next Generation Computing : Key Trends, Challenges and Opportunities organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 18-04-2022 to 23-04-2022.

6. International Online Webinar on "Upcoming Trends in Wearable Electronics and Internet of Things (IoT)" on 15.10.2022

7. Online FDP on "CFD Simulation of Thermal management of Batteries and Power Converter" organised by Veltech high tech Ranagarajan Dr. Sakunthala Engineering College

8. AICTE Training And Learning (ATAL) Academy OnlineElementary FDP on "Novel Applications of Waste Technology Systems for Sustainable future" from 02/08/2021 to 06/08/2021 at M S RAMAIAH INSTITUTE OF TECHNOLOGY .

9. AICTE Training And Learning (ATAL) Academy OnlineElementary FDP on "Challenges and Opportunities for Electric Vehicle Adoption" from 19/07/2021 to 23/07/2021 at Erode Sengunthar Engineering College .

10. International Conference on "Advances And Challenges In Life Science Research" organized by the Department of Biochemistry, School of Life Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai held online during 12th & 13th April 2022.

11. International Symposium on Digital Business Transformation The Way Forward Wednesday, 07th December 2022 Organized by Faculty of Business Studies ID: BEP/RGP/EHR/20/378 Arab Open University – Oman.

12. Workshop on "Artificial Intelligence in Functional Areas of Management" organized by Faculty of Management PAHER University and Pacific Gurukul on 19* August, 2023.

13. Webinar on "Innovation and Intellectual Property Rights" Organized by IPR Cell & Institution's Innovation Council (IIC), Sacred Heart College (Autonomous), Tirupattur, Tirupattur District, Tamil Nadu, India on 19-07-2022.