Mrs.V.Narmadha

Mobile Number: 9578475602

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Education Qualification

2018 - 2020	*PG level:* Master's Degree in Computer Science *Percentage:* 75% *University/Institute:* Avinashilingam Institute for Home Science and Higher Education for Women
2015- 2018	*UG level:* Bachelor's Degree in Computer Science *Percentage:* 75% *University/Institute:* Avinashilingam Institute for Home Science and Higher Education for Women
2013- 2014	*STD:* 12th *Percentage:* 75% *Group:*Physics, Chemistry, Mathematics with Computer Science *School:* R.K.S Rangammal Higher Secondary School,Coimbatore
2012 - 2013	STD: 10th *Percentage:* 83% *School:*Nirmala Matriculation Higher Secondary School, Coimbatore

WORK EXPERIENCE

1. **Worked as a Technical Assistant in DST-CURIE -AI Phase II**
   Period-May 2021-Sep 2023
   - Worked in various Embedded Systems domains and assisted different student level projects
   - Worked in various IoT based projects and assisted the student
   - Worked in 3D Printing Technology in both designing and development of 3D Printed Products

2. **Worked as a Research Assistant in the Project Entitled "Technology Development for the Support and Improvement of Speech Language People, Funded by DST – SERB Period December 2020-April 2021.**
   - Worked in developing computer aids to analyse the stutter levels among children in Tamil regional language

Training Programmes

- Acted as a trainer in a one-day workshop on **"Prototype Experiments for Beginners"** on 4th November 2022**.** Organized by Centre for Machine learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women.
- Acted as a trainer in one-day workshop on **"Prototype Experiments for Beginners"** on 6th February 2023**.** Organized by Centre for Machine learning and Intelligence and Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Women.
- Acted as a trainer in one-day workshop on "3D Printing for Bio Science" on 14th September 2022 . Organized by Centre for Machine learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women.

PUBLICATIONS

Books

1. Prototype Experiments for Beginners: -Embedded Systems",October 2021,Notion Press, Chennai, ISBN:97816856380544

International Conference (5)

1. Krishnaveni, M., Raajeswari, P., Subashini, P., **Narmadha, V.,** Ramya, P. (2023). Soil Nutrient Prediction Model in Hybrid Farming Using Rule-Based Regressor. In: et al. The 3rd International Conference on Artificial Intelligence and Computer Vision **(AICV2023)**, March 5–7, 2023. AICV 2023. Lecture Notes on Data Engineering and Communications Technologies, vol 164. Springer, Cham. https://doi.org/10.1007/978-3-031-27762-7_16.

2. P. Subashini, D. Leena Lavanya, M. Krishnaveni,M.K.Nisha ,**V.Narmadha** , H. Abinaya , E.Gaayathiri Devi (2022): A Dynamic Controlled Environment Model for Sustainable Mushroom Cultivation by Integrating ML and Physiological Parameters In: ,et al. International Conference on Artificial Intelligence – Multidisciplinary Perspectives on Emerging Challenges, Research and Opportunities"(Abstract only)

3. **Narmadha.V**, Subashini.P, Krishnaveni.M, Manjutha.M(An Optimized Cepstral Feature Selection method for Dysfluencies Classification using Tamil Speech Dataset) to 2019 IEEE International Smart Cities Conference (ISC2) held at Casablanca university at Morocco,DOI: 10.1109/ISC246665.2019.9071756.

4. **Narmadha.V**, Valliammal.N, Proceedings of ICTARA2020 on" Detection and Prevention of Cyber Harassment against Women in Social Media using Supervised Learning Algorithm",ISBN-978-81-937760-4-9.

5. P. Subashini, D. Leena Lavanya, M. Krishnaveni, M.K.Nisha ,V.Narmadha ,H.Abinaya ,E.Gaayathiri Devi A Dynamic Controlled Environment Model for Sustainable Mushroom Cultivation by using Machine Learning Methods, 1st International Conference on Recent Advancements in Computing Technologies & Engineering (RACTE-2023) 29-30 Dec 2023,New Delhi, India.(Submitted)

CONFERENCE ATTENDED(2)

1. International Virtual Conference on AI, Robotics and Automations (ICARA 2020) *University/Institute: ICT Academy on 15th October 2020.*

2. International Virtual Conference on Signals, Communication and Embedded Systems (ICSCS 2020) *University/Institute: ICT Academy on 14th October 2020.*

ACHIEVEMENTS

1. Received **BEST PAPER** award for the paper "**A Dynamic Controlled Environment Model for Sustainable Mushroom Cultivation by Integrating ML and Physiological Parameters**" in International Conference on "Artificial Intelligence – Multidisciplinary Perspectives on Emerging Challenges, Research and Opportunities (ICAI-2022) "Organized by the Centre for Machine Learning and Intelligence, DST-CURIE-AI, during 24th & 25th February, 2022

2. Received **Best Presenter award** in the **Research Colloquium-3** for the presentation entitled "**TinyML& Raspberry Pi for-Anybody who is willing to learn** ", held on 23.07.2022, Organized by Centre for Machine Learning and Intelligence, Avinashilingam Institute for Home Science and Higher Education for Women

3. Won **1st prize** in "**One day Intra University Product Display Competition**", for "**Anti Sleep Glass for Drivers**" held on 11.08.2022.

4. Won **2^{nd}Prize** for "**Smart Village Home**" (Green Technology for Daily Life) Working Model in National Science Day in Avinashilingam Institute for Home Science and Higher Education for Women

5. Won **3rd Prize** for **Word Hunt in TECHNOTRY *2K18*** – State Level Intercollegiate Meet at Sri Ramakrishna College of arts and science college for women

6. Won **3rd Prize** for "**Mobile Phone detector using Embedded System**" in *Techwingz-2K18*.

7. Developed a prototype for Smart Village Home using IoT to detect Intensity of the Light under **Green TIC India Chapter,Morroco, Casablanca.**

CERTIFICATIONS

1. Completed Online Course in Udemy "**Build 15 Apps on AR\VR"**, dated 15.10.2023.
2. Completed Online Course in Udemy "**Internet of Things with Arduino Programming and ESP8266**",dated 21.05.2021.

National/International Visit

1. Participated in 3rd International Conference on Artificial Intelligence and Computer Vision to present the research paper entitled "**Soil Nutrient Prediction Model in Hybrid Farming Using Rule-Based Regressor**" held during 05.03.2023-07.03.2023, Marrakech.Morroco.
2. Participated in Anveshan 2023 Student Research Convention to present the prototype of "**Anti Sleep Glass for Drivers**" from 9.2.2023-10.2.2023 at Presidency university, Bangalore, India

WORKSHOP ATTENDED

1. Participated in Two days workshop on **"Machine Learning Using Python"** held at Avinashilingam School of Engineering, Coimbatore during 2019.

2. Participated in Three days workshop on **"Data Analytics and Machine Learning"** held at Avinashilingam Institute, Coimbatore during 2019.

3. Completed a Five days Training on **"Internet of Things** "from MSME Technology Development Centre (PPDC), during 2018.

4. Completed 5 Days Data Science Workshop conducted by Grey Atom Company during 21.09.2020-25.09.2020.

5. Participated in National Five Series Workshop on "**Augmented Reality Innovations in AI**" Organized by DST-CURIE-AI Centre, during 23rd & 24th, 30th & 31th July 2021 and 6th & 7th August 2021 Sri Padmavati Mahila Visva vidyalayam (Women's University) Tirupati, Andhra Pradesh, India.

PERSONAL DETAILS:

Father Name	Mr. S.Vellingiri
Address	726 N-block, new housing unit, Ammankulam, Coimbatore-45
Date of Birth	25-04-1997
Age	26

Marital Status	Married
Nationality	Indian
Passport Number	W8127353