SENTHURYA S
No.220, 10th Street,
Cauvery Nagar,
Thanjavur.
E-Mail ID: senthurya23gsk@gmail.com

CAREER OBJECTIVE:

To excel as an Assistant Professor in the field of Computer Science and Engineering, fostering critical thinking, inspiring students, and promoting academic excellence. By actively contributing to the institution's growth and creating an engaging learning environment, I aim to have a positive and lasting impact on student's educational journey and overall development.

EXPERIENCE:

OCT 2023 – Till Date

Assistant Professor at Prince Shri Venkateshwara Padmavathy Engineering College

ACADEMIC CREDENTIALS:

Course	Institution	University / Board	Year of Completion	Percentage of Marks/CGPA
M.E(CSE)	Saranathan College of Engineering, Tiruchirappalli.	Anna University	2023	8.0
B.E(CSE)	Saranathan College of Engineering, Tiruchirappalli.	Anna University	2021	7.86
HSC	Yagappa Matriculation Higher Secondary School, Thanjavur.	State Board	2017	75.41%
SSLC	Yagappa Matriculation Higher Secondary School, Thanjavur.	State Board	2015	94%

TECHNICAL SKILLS:

- Data Structures
- Database Management Systems
- Object Oriented Programming(java)
- JavaScript
- HTML and CSS
- Python
- Full Stack Development

MINI PROJECT:
- **"Student's Help Centre"** using Java.
- **"Job suggestion website"** using JavaScript.
- "**Hotel Reservation site"** using React Js.

UG ACADEMIC PROJECT:
- Course Management with a Recommendation System using Collaborative Filtering.

PG ACADEMIC PROJECT:
- An Ensemble Approach for the Prediction of Soc Consumption in Electric Vehicles.

JOURNAL:
- S.Senthurya et al., "An Ensemble Approach for the Prediction of SOC Consumption in Electric Vehicles.", International Journal of Novel Research and Development (www.ijnrd.org), ISSN:2456-4184, Vol.8, Issue 9, September-2023.
- S.Senthurya et al., "Prediction of State-of-Charge Consumption in Electric vehicles- A SURVEY.", International Journal of Science & Engineering Development Research (www.ijsdr.org), ISSN:2455-2631, Vol.8, Issue 4, page no.1483 - 1485, April-2023.
- S.Senthurya et al., "Course Management with Recommendation System using Collaborative Filtering.", International Journal of Information and Computing Science, ISSN:0972-1347, Vol.8, Issue 3, March 2021.

CONFERENCE:
- Presented paper titled "Environmental Impact Assessment of Offshore Wind Farms in Deep Waters", E3S Web of Conferences, DOI: 10.1051/e3sconf/202454003004.
- Presented paper titled "Deep Reinforcement Learning for Accurate Anomaly Detection in Multi-Cloud Environment", Global Conference on Communications and Information Technologies, GCCIT 2024, DOI: 10.1109/GCCIT63234.2024.10862913.
- Presented paper titled "Investigating the Use of Virtual Private Networks on ATM Network Security", 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024, DOI: 10.1109/ICCCNT61001.2024.10724957.
- Presented paper titled "Designing an Intelligent Data Transmission Strategy Between Entities Using Wireless Communication Methodology", 2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024, DOI: 10.1109/ISCS61804.2024.10581290.
- Presented paper titled "An Integration of AI Technique in the Field of Healthcare Industry", 2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024, DOI: 10.1109/ICACITE60783.2024.10617363.
- Presented paper titled "Leveraging Data Mining Classifiers for Robust Ddos Attack Detection in Cloud Computing", IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024, DOI: 10.1109/ICTBIG64922.2024.10911541.
- Presented paper titled "Enhancing Security with a Decentralized Intrusion Detection System for Sensor and Control Attacks", IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024, DOI: 10.1109/ICTBIG64922.2024.10911132.
- Presented paper titled "Enhanced Cardiovascular Disease Diagnosis Using Multi-Label Machine Learning and Stacking Cross-Validation", IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024, DOI: 10.1109/ICTBIG64922.2024.10911253.

- Presented paper titled "Virtual Palette", 4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024).
- Presented paper titled "Agromart: Farmer to Client directed e-commerce applicationFourth National Conference on Innovations in Information and Communication Technologies 2024(NCIIT 2024).
- Presented paper titled "Prediction of State of Charge Consumption in Electric Vehicles Using XGBoost Regression", International Conference on Advancement in Science, Engineering & Technology(ICASET) 2023.
- Presented paper titled "Prediction of SOC Consumption in Electric Vehicles Using Recurrent Neural Network", National Conference on "New Horizon in Science, Engineering & Technology – NHSET 2K23".

FACULTY DEVELOPMENT PROGRAMME:
- ATAL FDP on "Artificial Intelligence Edge-Soft Computing" at Dr.Sivanthi Adithanar College of Engineering.
- FDP on "CAE 350 – Navigation & Communication Systems" at Madras Institute of Technology, Anna University".
- Virtual Faculty Buildathon on "Cybersecurity and SIEM(Powered by QRadar), IBMskillsBuild.
- ATAL FDP on "AI and Quantum Computing: Glimpsing the Near Future", at Sri Sairam Engineering College.

PATENT:
- "Smart Burglar Alarm" – Published in Intellectual Property India(GOVT of India).

        Application No   : 202441018004
        Published Date   : 22.03.24

CERTIFICATIONS:
- C certification issued by the Spoken Tutorial Project, IIT Bombay, associated with MHRD, Government of India.
- MTA –Fundamentals to Programming using Python.

EVENTS AND WORKSHOPS:
- Attended a "Salesforce Declarative Development" workshop at Saranathan College of Engineering, Trichy.
- Attended a "Web Technology and Development" workshop at Saranathan College of Engineering, Trichy.
- Participated in "Project Expo-2019" by the CSI Student Chapter at the Saranathan College of Engineering.

CO-CURRICULAR ACTIVITIES:
- Won Third prize in a Zonal level chess competition held at Indra Ganesan College of Engineering(2021).
- Won second prize in "Chess" conducted at Saranathan College of Engineering for Sports Day.
- Participated in Zonal level Chess competition held in M.I.E.T College of Engineering(2019).

PERSONAL DETAILS:
Father's Name: Senthilkumar G.
Mother's Name: Menaka S.
Date of Birth: 23.04.2000.
Languages known: English, Tamil.

DECLARATION:
I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Thanjavur
Date :
[SENTHURYA S]