Faculty Profile



C.Silambarasi , M.E(Ph.D)

HIGHLIGHTS:

- Number of Journal Publications:2
- H-Index:
- Project Funding Received:
- Patents Published:6
- Patents Granted:6

PROFESSIONAL LINKS:

- Scopus ID: 60541280800
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=60541280800
- Google Scholar ID:
- Anna University Faculty ID: 2613961988
- AICTE Faculty ID:125829125721
- Anna University Supervisor ID:
- LinkedIn:

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 11 years
- Industrial Experience: 0

AREA OF SPECIALIZATION:

- Machine Learning
- Natural Language Processing

PATENTS PUBLISHED/GRANTED:

- Dr.R.Selvakumar, Ms.C.Silambarasi, ": IOT BASED REAL TIME HEART DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES", Indian Patent, August 2024
- C.Silambarasi, Dr.J.Anish Kumar, Dr.R.Selvakumar, J.Varalakshmi, K.S.Rekha, "AI DRIVEN SMART WATER PURIFICATION SYSTEM USING MULTIPLE SENSORS FOR INTRUSION DETECTION IN WATER", Indian Patent, February 2024
- Dr.J.Anish Kumar, Dr.R.Selvakumar, J.Varalakshmi, K.S.Rekha, C.Silambarasi, "AI AND IOT BASED OPTIMIZED SOLAR-DRIVEN WATER PURIFICATION FOR TRIBAL PEOPLE", Indian Patent, February 2024
- Dr.R.Selvakumar, J.Varalakshmi, K.S.Rekha, C.Silambarasi, Dr.J.Anish Kumar, "AI & IOT-BASED WATER PURIFICATION SYSTEM MONITORING FOR REAL-TIME CONTAMINANT DETECTION", Indian Patent, February 2024
- J.Varalakshmi, K.S.Rekha, C.Silambarasi, Dr.J.Anish Kumar, Dr.R.Selvakumar, "AN IOT BASED REAL-TIME WATER QUALITY MONITORING & ALGAL BLOOM PREDICTION IN AQUACULTURE", Indian Patent, February 2024
- K.S.Rekha, C.Silambarasi, Dr.J.Anish Kumar, Dr.R.Selvakumar, J.Varalakshmi, "AN IOT BASED PREDICTIVE MATERIAL DAMAGE PREVENTION FOR ENHANCED EQUIPMENT RELIABILITY", Indian Patent, February 2024
- Dr.R.Selvakumar, J.Varalakshmi, K.S.Rekha, Dr.P.Vinayagam, C.Silambarasi, N.V.Ravindhar, "MODERNIZING AIR POLLUTION MONITORING SYSTEM USING IOT AND MACHINE LEARNING", Indian Patent, August 2023

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Attended ATAL Sponsored Faculty Development Program on "Integrating Machine Learning and Deep Learning in Real –time IoT Systems (in Association with NVDIA)" held at Saveetha Engineering College from 2.12.2024 to 7.12.2024.

PROFESSIONAL MEMBERSHIPS:

- Life Member of ISTE

OTHER DETAILS (If any):