

Faculty Profile



S. Nandhini , M.E.,
Assistant professor., ECE

HIGHLIGHTS:

- Number of Journal Publications:1
- H-Index:
- Project Funding Received:
- Patents Published:1
- Patents Granted:1

PROFESSIONAL LINKS:

- Scopus ID:
- Scopus Link:
- Google Scholar ID: ZLuXfq8AAAAJ
- Anna University Faculty ID: 269962
- AICTE Faculty ID:1-44724247734
- Anna University Supervisor ID:
- LinkedIn: nandhini-s-647190343

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 4 years
- Industrial Experience: Nil

INTERNATIONAL EXPOSURE:

NIL

AREA OF SPECIALIZATION:

- Artificial intelligence
- Machine learning & Deep Learning

Ph.Ds AWARDED WITH DETAILS: NIL

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

Ph.Ds GUIDING:

- **Full Time Scholars: NIL**
- **Part Time Scholars : NIL**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

NIL

PATENTS PUBLISHED/GRANTED:

- **Device for Detecting Diseased Leaves in Plants by Image Processing**

Dr. R. Gayathri, Prof./SVCE, Mrs. S. Nandhini, full-time research scholar, SVCE, Mr. R. Srinath, Part-Time Research Scholar, SVCE, Mrs. C. Pushpapriya, Part-Time Research Scholar, SVCE.

Indian Patent Office, Application number: 391134 001; CBR number: 209243, Journal No: 39/2023, Grant notification: 25/09/2023, Certificate Generated: 29/09/2023

- **Development of Neuro-bionic prosthetic hand control using EEG**

Dr.R,Gayathri, Mrs.S.M.Mehzabeen, Ms. Mary Cynthia, Mr.Venkatesan, Mrs. S.Nandhini

Publication of the patent office, Journal No: 42/2024, Dated: 18/10/2024, Application No: 202551076602, Issue No: 42/2024

COURSES CERTIFIED:

- 60hr AI Master class course from SinthanAI Academy

ACHIEVEMENTS AND AWARDS:

- Awarded “Best research presentation” on RESEARCH DAY conducted in Sri Venkateswara college of engineering in the year 2023

SPECIAL SESSIONS DELIVERED:

NIL

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated in 2 days workshop organized by Department of ECE on “Advances in Image processing and its Applications” on 18th & 19th March 2016
- Participated in Faculty development program on “Building embedded systems with ARM Cortex-M MCU’s” on 29th Oct 2015 to 30th Oct 2015 at Saveetha Engineering college
- Participated in workshop on recent trends on embedded systems, WRES 2016 held on 10th and 11th March 2016 at Department of ECE, SVCE
- Participated in Industrial visit of Regional Telecom training center (RTTC), Chennai Maraimalai nagar, BSNL, Chennai Telephones on 18th Oct 2013, 6th March 2014 & 6th Feb 2015
- Participated in a one day seminar on “Challenges and Opportunities in underwater imaging systems” organized by the research cell, Department of ECE, SVCE on 24th Jan 2014
- Participated in the NPTEL workshop conducted on 10th August 2013 organized by IIT Madras
- Participated in a two days workshop on “Applications of Signal and image processing” organized by the Research cell, Department of ECE, SVCE during 11th & 12th Dec 2013
- Participated in a two days workshop on “Research methodology and teaching Pedagogy” organized by the Department of CSC, SVCE on 29th & 30th April 2014
- Served as a project coordinator and guided various UG projects from the year 2013 to 2016
- Participated in a two week ISTE workshop on Signals and systems conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD, Govt of India) from 2nd Jan 2014 to 12th Jan 2014 at Rajalakshmi Engineering college
- Participated in 5 days workshop in “Deep learning and its application in biomedical imaging and its application” conducted by IEEE SPS Summer school, IIT Madras
- Participated in the “Two-Day National Level Online Workshop on Designing Effective Surveys,” Organized by CEDAAR, Chennai, India on 8th & 9th November, 2024
- participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on IoT in Healthcare:Transforming Patient Care and Management at SRI VENKATESWARA COLLEGE OF ENGINEERING from 09/12/2024 to 14/12/2024.

PROFESSIONAL MEMBERSHIPS:

NIL

OTHER DETAILS (If any):

NIL