Faculty Profile

Ms. G Abinaya, M.E., (Ph.D)
Assistant Professor(OG) – IT

HIGHLIGHTS:

- Number of Journal Publications: 5
- H-Index: 2
- Project Funding Received: 0
- Patents Published: 3
- Patents Granted: 0

PROFESSIONAL LINKS:

- Scopus ID: **55831034300**
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=55831034300
- Google Scholar ID: **VSQbTD4AAAAJ**
- Anna University Faculty ID: **2122512**
- AICTE Faculty ID: **1-9467640340**
- LinkedIn: https://www.linkedin.com/in/abinaya-g-a3310577/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 6.5
- Industrial Experience: 2.5

INTERNATIONAL EXPOSURE:

Nil

AREA OF SPECIALIZATION:

- Machine Learning

- Web Engineering

- Mobile App Development

- Cloud Computing

Ph.Ds AWARDED WITH DETAILS: NA

Ph.Ds GUIDING:

- **Full Time Scholars: NA**

- **Part Time Scholars: NA**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

Nil

PATENTS PUBLISHED/GRANTED:

- Empowering the Visually Impaired: The Innovative Smart Cane Navigation System, SEP 2023.

- A Machine Learning Algorithm for Detecting Driver Drowsiness, MAY 2023

- Block chain enabled Device for Enhancing Computer Network Safety, APR 2023

COURSES CERTIFIED:

- Python for Data Science – NPTEL

- Database Management Essentials (honors) – Coursera

- HTML, CSS, and Javascript for Web Developers – Coursera

- SQL: A Practical Introduction for Querying Databases – Coursera

- Introduction to Databases – Coursera

- Spring MVC, Spring Boot and Rest Controllers – Coursera

ACHIEVEMENTS AND AWARDS:

International Certification on Teaching Learning

➤ Completed IUCEE (Indo Universal Collaboration for Engineering Education) on International Engineering Education Certification Program with **Distinction (Score 93.46)**

Reviewer

➤ Springer 4th International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC 2024) organized by Banaras Hindu University, Varanasi

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

o Attended workshop on "**Effective Research Proposal and Research Paper Writing**" conducted by Velammal Engineering College.

o Attended one week FDP on **"Blockchain"** conducted by Kamaraj College of Engineering and Technology.

o Attended one week FDP on **"Deep Learning and IoT Driven Smart Applications"**

conducted by MLRIT.

- o Attended one week FDP on **"Implications of Emerging Computing Technologies"** conducted by Hindusthan College of Arts and Science.
- o Attended one week FDP on "**Empowering Image Processing and Artificial Intelligence Techniques with MATLAB**" conducted by SRM Institute of Science and Technology.
- o Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Deep Learning for Natural Language Processing**" from 15-11-2021 to 19-11-2021 at Bhilai Institute of Technology Durg.
- o Attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Artificial Intelligence And Machine Learning: Research And Application Perspective**" from 25-10-2021 to 29-10-2021 at Ballari Institute of Technology and Management.
- o Attended AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "**Perspectives of Blockchain Integrated with IoT: Challenges and Opportunities**" from 05-07-2021 to 09-07-2021 at PSNA College of Engineering and Technology.
- o Attended AICTE Training and Learning (ATAL) Academy Online FDP on "**Cyber Security**" from 22-03-2021 to 26-03-2021 at FRANCIS XAVIER ENGINEERING COLLEGE.
- o Participated in the AICTE Sponsored six days Short Term Training Programme (STTP) on "**Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning**" from 01-03-2021 to 06-03-2021 organized by IQAC, MVJ College of Engineering, Bangalore
- o Attended AICTE Training and Learning (ATAL) Academy Online FDP on "**Augmented Reality (AR)/ Virtual Reality (VR)"** from 22-02-2021 to 26-02-2021 at KLE Dr. M S Sheshgiri College of Engineering & Technology.
- o Participated in One Week AICTE Sponsored Short Term Training Program (Online – STTP) on "**Challenges and Research Directions for Blockchains in the Internet of Things**" from 08-02-2021 to 13-02-2021 at Sona College of Technology, Salem.

PROFESSIONAL MEMBERSHIPS:

Nil

OTHER DETAILS (If any):

Nil