

## Faculty Profile



**Dr. R. Pugalenti , B.E.,M.E., Ph.D**

Professor – CSE

Date of Joining: 20.01.2025

### **HIGHLIGHTS:**

- Number of Journal Publications: 36
- H-Index: 11
- Patents Published: 03
- Patents Granted: 01(Design Patent)

### **PROFESSIONAL LINKS:**

- Scopus ID: 55825737200
  - Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=55825737200>
  - Google Scholar ID: mYqBltsAAAAJ&hl
  - Anna University Faculty ID: 274729
  - AICTE Faculty ID: 1-454485663
  - Anna University Supervisor ID: 3840023
- LinkedIn:  
[https://www.linkedin.com/feed/?trk=guest\\_homepage-basic\\_google-one-tap-submit](https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap-submit)

### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 24 Years 0 Months

### **AREA OF SPECIALIZATION:**

- Image Processing and Network Security

### **PATENTS PUBLISHED/GRANTED:**

- Design Patent Granted

Design Number: 357325-001 and Date: 25/01/2022, Title: AN ELECTRIC VEHICLES CHARGING SYSTEM FOR PARKING GARAGES,

1.Dr.R.Pugalenti 2. Dr.Dharmesh J. Pandya 3.Mr.Vivek Birla 4.Dr.Shaik Abdul Nabi

- Patent Published:

Title: Integrated AI-Powered Cybersecurity Framework for Proactive Threat Mitigation and Resilient Defense in the Modern Digital Landscape, Application Number – 202541098244, Filing Date:12/10/2025, Status: Published.

Title: AI-Enhanced Edge Processing for Real-time Traffic Management in Smart Cities, Application Number – 202341068061, Filing Date:10-10-2023, Status: Published

Title: AI-Optimized Method for Producing Carbon Nanotubes from Plastic Waste Using Thermal Decomposition, Application Number-202411062262, Filing Date:16-08-2024, Status: Filled

**PROFESSIONAL MEMBERSHIPS:**

- IEEE(Member#99909549)