



## Dr. R. Anandan

Professor - Research

Computer Science and Engineering

### Contact

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### About Me

Knowledge of interests not limited to Artificial intelligence Soft Computing, Machine Learning, High Performance Computing, Big data Analytics, Image Processing, 3D printing and knowledge Engineering. Published more than **150 research papers** in various International Journals such in Scopus, SCI and referred journal. Presented **98 papers** at various International Conferences. Received many National and International awards and authored & Edited **32 books** and published **45 Chapters** in leading publications. Filed **30 patents** of research work and **four patents** are granted. Produced **16 PhD candidates**. Associated as Editor in Wiley, World Scientific Press, Springer, Taylors and Francis and Nova Publishers. Received five research grants from Government of India and five from non-governmental organization.

### Research Interests

- Artificial intelligence
- Data Science
- Human-computer interaction
- Computer vision
- Neural network
- High performance computing
- Edge & Quantum computing
- Virtual & Augmented reality



## Education

- Doctor of Science (D.Sc.) – Computer Science & Engineering  
*Universidad Azteca, Mexico*
- Doctor of Philosophy (PhD) – Computer Science & Engineering  
*Bharath Institute of Higher Education and Research, India*
- Master of Science (MS) – Computer Science & Engineering  
*Birla Institute of Technology and Science (BITS), Pilani, India*
- Bachelor of Engineering (BE) – Computer Science & Engineering  
*SRM Engineering College, Madras University, India*

## Research Experience

- Developed a kernel for an operating system in C language using Windows platform
- Developed Software tool for specific DOS application
- Developed a Machine condition monitoring software tool using JADE for Industrial application
- Developed a Micro Aerial Vehicle based on insect flight mechanism for surveillance and it is funded by VELS University.
- Developed a highly safety wallet for society and it is funded by VELS University
- Developed augmented reality application for smart city operation

## Funded Projects

- Received a fund of **Rs. 1.10 Crores** towards establishment of **AICTE – Idea Lab** by AICTE, New Delhi.
- Received a fund of **Rs. 10,25,666** for the Research Project entitled “IoT based Intelligent networking system for tracked vehicles” under **AICTE – Research Promotion Scheme (RPS)** by AICTE, New Delhi.
- Received a fund of **Rs. 17,00,000** for the Research Project entitled “Reconnaissance of geospatial mapping to navigate Person in multipath indoor environment using Augmented reality in Airport” under **MSME Idea Hackathon** by MSME, New Delhi
- Received a fund of **Rs. 2,00,000** for the Research Project entitled “Wearable Technology Interface Smart Stress Detector Module” Under **EDII – Voucher Program**, EDII, Tamilnadu
- Received a fund of **Rs. 15,00,000** for the Research Project entitled “Design and Development of Presaged Internet of things (PIoT) for an effective prediction of gas leakage monitoring system in TTD Kitchen “ by **Tirupathi Tirumala Devasthanam**
- Received a fund of **Rs. 10000 Riyadh** for the Research Project entitled “Secured data storage in the cloud using logical Pk - Anonymization with Map Reduce methods and key generation in cloud computing “ by **King Saud University, Saudi Arabia.**

## Consultancy Projects

- Received an amount of **Rs. 70800** towards Consultancy work done for **DIGI20 INFORMATION SOLUTIONS PVT LTD** for the Project « Development of a POC model for defect detection HSN/SAC: 998313”
- Received an amount of **Rs. 200000** towards Consultancy work done for **CMSSWIFT Private Limited** for the Project « ERP Module for Loadery”
- Received an amount of **Rs. 40000** towards Consultancy work done for **CGS Green Sustainergy Pvt. Ltd.** the Project « Development of Software for Real time monitoring of Utilities in MSME Industries »
- Received an amount of **Rs. 220000** towards Consultancy work done for **ABE Semiconductor Designs Private Limited** for the Project “Attendance Monitoring and Behavioral analysis of Student”