Faculty Profile



Dr. U. Kumaran , M.E., Ph.D
AOP – Dept. of AIDS

HIGHLIGHTS:

- Number of Journal Publications: 25
- H-Index: 5
- Project Funding Received: Nil
- Patents Published: - 03
- Patents Granted: -

PROFESSIONAL LINKS:

- Scopus ID: 58266624000
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=58266624000
- Google Scholar ID:
- Anna University Faculty ID: 2643611969
- AICTE Faculty ID: 1-458615327
- Anna University Supervisor ID:
- LinkedIn: https://www.linkedin.com/in/dr-kumaran-u-21742432a/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 23 Years
- Industrial Experience: 5 Years

INTERNATIONAL EXPOSURE:

- XXXXX

AREA OF SPECIALIZATION:

- Vehicular Ad-Hoc Networks
- Cloud Computing
- Image Processing

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
1.	Ms. Sangeetha J	A novel approach for Sentiment and Feedback Analysis using Big Data Mining with respect to Online Shopping Sites	2024	Part Time
2.	Mrs. S. Subha	Optimal Method for Segmentation Of Liver on CT And MRI	2026	Part Time

Ph.Ds GUIDING:

- **Full Time Scholars: -**
- **Part Time Scholars : 03**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:

- XXXXX

PATENTS PUBLISHED/GRANTED:

- AI-DRIVEN BLOCKCHAIN SYSTEM FOR REAL-TIME SMART CONTRACT OPTIMIZATION
- IIoT-Enabled Industrial Safety and Predictive Risk Management System Using Hybrid AI and Edge Intelligence
- AI-BASED ADAPTIVE IRRIGATION AND FERTILIZER DISPENSING MACHINE
- IOT-ENABLED COOLING TOWER WATER MANAGEMENT SYSTEM

COURSES CERTIFIED:

- IBM Certified Academic Associate (DB2)
- NPTEL

ACHIEVEMENTS AND AWARDS:

- 100% Pass in Subjects Handled

SPECIAL SESSIONS DELIVERED:

- Hands On Training – Cloud Computing

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- International Conference on "Control, Instrumentation, Communication and Computational Technologies (ICCICCT)"
- International Journal of Engineering Technology and Management Sciences,

- International Conference on “Advancing Technologies and Innovative Breakthroughs in Computing and Communication (ICATIBCC2025)”

PROFESSIONAL MEMBERSHIPS:

- XXXXX

OTHER DETAILS (If any):

- XXXXX