

# **Faculty Profile**



**Dr. K. Gokulkannan , M.E., Ph.D**  
TSEC258/Associate Professor/ECE

## **HIGHLIGHTS:**

- Number of Journal Publications: 21
- H-Index: 07
- Project Funding Received: 0
- Patents Published: 04
- Patents Granted: 0

## **PROFESSIONAL LINKS:**

- Scopus ID: 57955830300
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57955830300>
- Google Scholar ID: 3VkCSQ8AAAAJ
- Anna University Faculty ID: 277016
- AICTE Faculty ID: 1- 12025316522
- Anna University Supervisor ID: 4430009
- LinkedIn: [www.linkedin.com/in/dr-g-k-dr-g-k-3930b632b](http://www.linkedin.com/in/dr-g-k-dr-g-k-3930b632b)

## **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 10.3years
- Industrial Experience: 12 years

## **INTERNATIONAL EXPOSURE:**

- NIL

## **AREA OF SPECIALIZATION:**

- Unmanned Aerial Vehicles
- Image Processing
- Power Electronics and Drives

## **Ph.Ds AWARDED WITH DETAILS:**

| 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 : 4

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:**

- Nil

**PATENTS PUBLISHED/GRANTED:**

- INTERNET OF THINGS BASED CIVIC INFRASTRUCTURE OVERSIGHT AND CONTROL PLATFORM. (202441051990 A published 12/07/24)
- AI-ENHANCED DRONE SYSTEM FOR NOISE POLLUTION DETECTION IN SMART CITIES. (202441075095 A Published 11.10.2024)
- DRONE BASED PIPELINE INSPECTION AND LEAK DETECTION SYSTEM. (202441075094 A Published 11.10.2024)

**COURSES CERTIFIED:**

- TTT Course for Instructor in Rotor Craft Small Category DGCA New Delhi
- UAV in Engineering Application NPTEL
- Boot Camp on DRONE Technology DRESTEIN2024

**ACHIEVEMENTS AND AWARDS:**

- Best Teacher Award (Issued by SEC for publication Cumulative SNIP 3.2)

**SPECIAL SESSIONS DELIVERED:**

- NIL

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- NIL

**PROFESSIONAL MEMBERSHIPS:**

- NIL

**OTHER DETAILS (If any):**

- NIL