

**TRICHY ENGINEERING COLLEGE**  
Sivagnanam Nagar, Trichy-Chennai NH, Konalai, Trichy - 621 105.

## FACULTY PROFILE

Name (in BLOCK LETTERS)	<b>R.KIRUTHIKA</b>
Present Designation & Dept:	<b>AP, Mechatronics Engg.,</b>
Subject Area of Interest	<b>Communication Engineering, Digital Electronics.</b>
Passport photo	
Address (for communication)	<b>R.KIRUTHIKA</b> 3/321, Renga Nager, Extension, Pallur, Koothur (Po), Manachanallur (Tk), Trichy (Dt), Tamil Nadu, India. 621216. Mobile No.: +91 8610991449 Email ID: kiruthikaarun1314@gmail.com
Address (Office)	<b>R.KIRUTHIKA,</b> Assistant professor, Mechatronics Engineering, Trichy Engineering College, Sivagnanam Nagar, Konalai, Trichy - 621 105. Mobile No.: +91 8610991449 Email ID: kiruthikar@trichyengg.ac.in
Date and Place of Birth	15.06.1994 & Perambalur
Gender	Female
Marital Status	Married
Nationality	Indian
Membership in Professional Bodies	Nil

---

**01) Research & Educational Degree(s):**

<b>Research Degrees</b>	<b>Dept./Subject (Specialization)</b>	<b>Title of the Dissertation/ Thesis</b>	<b>Year of award</b>	<b>University</b>	
Ph.D.	Image Processing	-	Pursuing	Dhanalakshmi Srinivasan University, Trichy	
<b>Educational Degrees/ Exams</b>	<b>Name of the Board/ Institution / University</b>	<b>Subject/ Specialisation</b>	<b>Year of Passing</b>	<b>% of Marks/ CGPA</b>	<b>Division/ Class/ Grade</b>
ME	Dhanalakshmi Srinivasan Engineering College, Perambalur, Anna University/	Communication Systems	2019	7.3 CGPA	First Class
B. Tech	Periyar Maniammai University/ Periyar Maniammai Institute of Science & Technology, Thanjavur	Electronics and Communication Engineering	2016	7.1 CGPA	First Class
Diploma	DOTe/Dhanalakshmi Srinivasan Polytechnic College, Perambalur	DECE	2012	70.04%	First Class
S.S.L.C	Dhanalakshmi Srinivasan higher secondary school, perambalur TN State Board	General Sciences	2009	67.2%	NA

**02) Teaching Experience/Post(s) held :****Teaching experience : U.G. Classes for B.E./B.Tech : 2 year 11 Month****Teaching experience in Trichy Engineering College : 0 year 7 Month**

<b>College/ Institution</b>	<b>Designation</b>	<b>Duration</b>		<b>Experience</b>	
		<b>From</b>	<b>To</b>	<b>Year</b>	<b>Month</b>
<b>Trichy Engineering College</b>	Assistant Professor	14.02.2025 to Till date		7 months	
Dhanalakshmi Srinivasan Engineering College, Perambalur	Assistant Professor/ Electronics & Communication Engg	12.06.2019 to 24.05.2022		2 year 11 months	

### 03) Administrative experience(s)

Such as Dean, HoD, T&P, NSS, Hostel, Exams, Admissions, Committee

Description	Role(s)	Duration	From To Dates
Exam cell Incharges	Dhanalakshmi Srinivasan Engineering College, Perambalur	1 Year	17.06.2019 to 18.06.2020

### 05) Research Papers in Peer-Reviewed or UGC listed Journals

#### INTERNATIONAL JOURNALS/CONFERENCES

R.Kiruthika, & G.Karthy “**Precision Agriculture and Wildlife Surveillance Using IoT for Crop Protection and Health Monitoring,**” MSET 2025, April 25–26, 2025, Dhanalakshmi Srinivasan University, Trichy.

#### 06) NATIONAL JOURNALS/CONFERENCES

R.Kiruthika, & G.Karthy (2025), “**Precision agriculture and wildlife surveillance using IoT for crop protection and health monitoring**”, Journal of IoT in Social, Mobile, Analytics, and Cloud, 7(2), 141–154.

### 09) Workshop / FDP / Seminar / Conference Attended

R. Kiruthika, participated in the Faculty Development Programme (FDP) on “**AI & Cloud Security: Compliance Strategies for a Digital Future,**” sponsored by IEEE Bombay Section and organized by the Department of Computer Technology and Department of Electronics Engineering, Yeshwantrao Chavan College of Engineering, Nagpur, during April 07–12, 2025.

R. Kiruthika from Dhanalakshmi Srinivasan University participated in the One-Week Online Faculty Development Programme on “**Advancement in Emerging Technologies in Electronics & Communication Engineering,**” held from May 29, 2024, to June 3, 2024.

