

Programs Organized:

Faculty members update their knowledge and competencies in the above fields of specialization by their contribution in

- Organizing/attending FDPs, workshops, seminars and conferences.
- Publishing research papers in reputed journals and presented several papers in national and international conferences.
- The Institute provides sponsorship for faculty members to pursue higher studies and attend FDPs/workshops/conferences.
- Faculty Members attended **85**FDPs,**45** Conferences and organized **07**Workshops and Webinar, **02** National conference and delivered **06**Special lectures.
- Faculty Members published **18** Research Publications in refereed/SCI journals.

List of Conference organized by the Faculty Members:

S.No	Faculty Name	Title	Date	Venue
1	Dr.O.Saraniya and Dr.P.Deepa	National Conference on Advanced Computing and Communication Systems (NCACCS–2024)	15.03.2024	Government College of Technology-Coimbatore
2	Dr.A.Anitha and Dr.G.Suchitra	National Conference on Advanced Computing and Communication Systems (NCACCS–2025)	27.03.2025	Government College of Technology-Coimbatore

List of Workshops/ Seminar organized by the Faculty Members:

S.No	Faculty Name	Title	Date	Venue
1.	Dr.P.Deepa	One day workshop on PYNQ Z2 FPGA Evaluation Kit.	20.04.2023	Government College of Technology-Coimbatore
2.		Three day workshop on Cadence analog, Digital And Mixed Signal Flow.	26.02.2024 to 28.02.2024.	
3.		Three day workshop on Cadence Semi-Custom and Full-Custom IC design.	09.09.2024 to 11.09.2024	

4.		One day seminar on Exploring VLSI and Embedded Systems: Career paths, Skills and Opportunities	14.02.2024.	
5.	Dr.G.Suchitra	Two day workshop on “Netsim Academic Version 14.2.	11.03.2025-12.03.2025	
6.	Dr.S.Mathivanan	Two day workshop “Brain Control Interface”	21.11.2022 to 22.11.2022.	
7.		One day webinar on “Securing Embedded Systems around Us	10.09.2024.	
8.		One day seminar on “Career guidance and Higher education Opportunist in abroad”	26.02.2025	

S.No	Faculty Name	Title	Date
1	Dr.O.Saraniya	TEQIP III sponsored two day workshop on “National Education Policy 2020”	08.03.2021to 09.03.2021
2	Dr.P.Deepa	TEQIP III sponsored three day workshop on “Cadence AMS Design”	25.09.18 to 27.09.18
3		TEQIP III sponsored one day workshop on “Work- Life Balance”	05.08.2019
4		TEQIP III sponsored two day workshop on Electronics Troubleshooting”	18.08.19 to 19.08.2019
5		Internal Quality Assurance Cell sponsored one day Workshop on “Opening For Funded Projects”	24.03.2022
6		Internal Quality Assurance Cell Sponsored One Day Workshop on“ Methods And Avenues For Sponsored Research And Technical Collaborations”	31.08.2022
7	Dr.N.Ameena Bibi	TEQIP Phase-III sponsored one day workshop on “current electronics industry requirements”	09.08.2018
8		TEQIP Phase-III sponsored one day workshop on “VLSI Subsystem Design Using VERILOG”	03.12.2019 to 04.12.2019
9		Program organized for II year students in the topic “Student Excellence and learning program”	20.01.2020 to 25.01.2020

10	Dr.A.Anitha	Two Days Workshop on MATLAB–for students under twinning activity	01.08.2019 to 02.08.2019
11	Dr.G.Suchitra	TEQIP III sponsored one day workshop on "National Instruments(NI) Communication System Design Using USRP and LabVIEW"	01.08.2019 to 02.08.2019
12	Mr.S.Mathivanan	TEQIPIII sponsored workshop on “Internet of Things (IoT) using Raspberry Pi”	19.09.2018 to 20.09.2018
13		TEQIPIII sponsored “Soft skills training cum workshop”	08.11.2019
14		TEQIPIII sponsored “Employability Skills Training“	04.03.2021 to 07.03.2021

List of Faculty Development Programmes organized by the Faculty Members:

S.No	FacultyName	Title	Date
1	Dr.T.Purusothaman	Tamilnadu State Government Sponsored Two Weeks Faculty Development Programme on “Research Challenges in Signal and Image Processing”	17.2.2020 to 1.3.2020
2	Dr.C.Santhi	Tamilnadu State Government Sponsored one week Faculty Development Programme on “Deep Learning and Artificial Intelligence”	13.09.21 to 17.09.21
3		Tamilnadu State Government Sponsored five Days Faculty Development Programme on “Recent Trends in Communication and Computingwith5G”	13.12.2021to 17.12.2021
4	Dr.P.Deepa	Tamilnadu State Government Sponsored one week faculty development Programme on “Deep Learning and Artificial Intelligence”	13.09.21to 17.09.21
5		TEQIP Sponsored course on “Introduction to Environmental Engineering”	14.12.2020 to 23.12.2020.

6	Dr.N.AmeenaBibi	Tamilnadu State Government Sponsored Two Weeks Faculty Development Programme on “Research Challenges in Signal and Image Processing”	17.2.2020 to 1.3.2020
7	Dr.A.Anitha	Tamilnadu State Government Sponsored Two Weeks Faculty Development Programme on “Research Challenges in Signal and Image Processing”	17.2.2020 to 1.3.2020
8	Dr.A.Anitha	Five Days faculty Development Programme on “Recent Trends in Communication and Computing with 5G”	13.12.2021 to 17.12.2021
9	Dr.G.Suchitra	Tamilnadu State Government Sponsored one week faculty development Programme on “Deep Learning and Artificial Intelligence”	13.09.2021to 17.09.2021
10	Mr.S.Mathivanan	Five Days faculty Development Programme on “Recent Trends in Communication and Computingwith5G”	13.12.2021to 17.12.2021

List of Special lecture delivered by the faculty members:

Dr.O.Saraniya

- Delivered a guest lecture titled “Segmentation techniques in medical image”, on 22.08.2024(AN), faculty training center - Government College of Technology-Coimbatore.

Dr.P.Deepa

- Delivered a guest lecture titled “Consciousness about Interdisciplinary Projects among students”, under Internal Quality Assurance Cell (Research, Innovation and Evaluation) on 24.11.2022. (AN), Government College of Technology-Coimbatore.
- Delivered a guest lecture titled “Machine Learning and Deep Learning: Recent Trends and Applications”from19.08.2024to23.08.2024,Titled:Detection of Acute Lymphoblastic

Leukemia using Deep Learning model” on 22.08.2024 (AN)in FTC, Government College of Technology-Coimbatore.

- Delivered a guest lecture titled “Effective Implementation of Outcome based Education”, 26.10.2024, AL-AMEEN Engineering College, Erode.

Dr.A.Anitha

- Delivered a guest lecture titled “Role of embedded systems in automotive electronics and their applications”, on 10.01.2025, faculty training center - Government College of Technology-Coimbatore.

Dr.S.Mathivanan:

- Delivered a technical lecture on “Characteristics of Low Power MIMO antenna and its design techniques” in All India Seminar ‘Design of Advanced 5G antenna and prototype Technologies’ on 03.05.2024.

Dr.G.Thirugnanam;

- Delivered a technical lecture on “Medical image segmentation techniques for AI” in ATAL FDP ‘Artificial intelligence in healthcare’ -St. Joseph University, Bangalore on 08.11.2024.

S.No	Faculty Name	Title - Special Lecture delivered	Date	Venue
1	Dr.P.Deepa	“Training on MATLAB”	07.03.2018 to 09.03.2018.	Government Engineering College, Jagdalpur - Chhattisgarh
2	Dr.P.Deepa	“Circuit Familie”	18-01-2022.	PSNA College of Engineering- Dindigul,
3	Dr.P.Deepa	“Recent Research Challenges and Applications in Digital VLSI Design”	03-02-2022	Sri Venkateswara College of Engineering
4	Dr. N.AmeenaBibi	“Career Guidance”	09.02.2019.	Government Engineering College, Jagdalpur- Chhattisgarh

5	Dr. N.AmeenaBibi	Guided all faculty members of ET&T, GEC, Jagadapur for NBA and conducted MOCK NBA visit and submitted the report.	06.02.2019 to 08.02.2019	Government Engineering College, Jagdalpur- Chhattisgarh
6	Dr. A.Anitha	“Deep learning”	12.05.2021	M.A.M College Of Engineering, Trichy
7	Mr.S. Mathivanan	“Expert Lecture”	07.02.2019 to 09.02.2019	Government Engineering College, Jagdalpur- Chhattisgarh
8		“RF System DesignConcept”	06/12/2019	PSGi-TECH-Coimbatore