

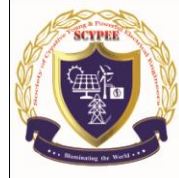


DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY

Approved by AICTE / Accredited by NAAC / Affiliated to Anna University

Opp. Salem Airport, Sikkanampatty, Omalur, Salem.

Tel. No: 04290-233 370, www.dgct.ac.in, E-mail id: hod.eee@dgct.ac.in



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VISION

The department of electrical and electronics engineering is intended to establish a proficient hub for producing a highly competent Electrical Engineers by imparting effective teaching learning process to meet the rapidly transforming technical scenario.

MISSION

- ✓ To engender outstanding electrical technocrats for industry demand by research and industry collaboration.
- ✓ To train the students with interpersonal communication, ethical teamwork and time management.
- ✓ To equip the students with technical knowledge in critical problem solving and analytical skills.

DEPARTMENT AT A GLANCE

➤ Number of Faculty	:22
➤ Number of Faculty with Ph.D.	:03
➤ Adjunct Faculty	:02
➤ Total Number of Students	:372

HOD PROFILE



Dr.S.Rajendran,
Professor & Head,
Department of Electrical
and Electronics
Engineering has got 16
years of teaching

experience in various technical fields, in which he served as a Lecturer in MAHSA University, Malaysia for 2 years.

- ✓ He received Bachelor degree in EEE from the Government College of Technology, Coimbatore in 2001. He has obtained ME degree in Power Electronics & Drives and Ph.d degree from Anna University Chennai,India in 2007 and 2014 respectively.
- ✓ He has obtained his Ph.D degree in Anna University in 2014, India.
- ✓ He has published papers in 8 International Journals and 9 International & National Conferences.
- ✓ He is a active Reviewer in Brazilian Archives of Biology and Technology, BRAZIL and AMER Scientific Publishers, United States.
- ✓ He received the Innovative Technological Research & Dedicated Professional Award by Engineering Today, Malaysia. He also received the Best Outstanding Researcher Award from Thiru.V.Narayanasamy / Chief Minister of Pudhucherry.
- ✓ He is a life member of Indian Society for Technical Education (ISTE) & International Association of Engineers (IAENG) Hong Kong. His field of interest is Power electronics applications in renewable energy sources

FACULTY TEAM

- Dr.S.Rajendran, M.E.,Ph.D., Prof & Head
- Dr.P.Selvakumar,M.E., Ph.D., Assoc.Prof

- Dr.R.Manikandan, M.E.,Ph.D.,Asst.Prof
- Mr.G.Subramaniam, M.E., Asst.Prof
- Mr.R.Saravanan, M.E., Asst.Prof
- Mr.B.Sathyaseelan, M.E., Asst.Prof
- Mr.R.Perumal, M.E., Asst.Prof
- Mr.M.Rajasekar, M.E., Asst.Prof
- Mr.P.Saravanakumar, M.E., Asst.Prof
- Mr.J.Sureshbabu, M.Tech., Asst.Prof
- Mr.N.Venkatraman, M.E., Asst.Prof
- Mr.R.Aravindh, M.E., Asst.Prof
- Ms.R. Senthamizhchelvi, M.E., Asst.Prof
- Ms.P.Parvatha Sundari, M.E., Asst.Prof
- Ms.G.Shanmugapriya, M.E., Asst.Prof
- Mr.N.Dineshkumar, M.E., Asst.Prof
- Ms.E.Sathya, M.E., Asst.Prof
- Ms.S.Ramya, M.E., Asst.Prof
- Dr.S.Sugan, M.Phil, Ph.D, Asst.Prof/Phy
- Dr.G.Suresh,M.Phil,Ph.D, Asst.Prof/Mat
- Ms.S.Revathy, M.Phil, Asst.Prof/Math
- Ms.K.Menaha, M.Phil, Asst.Prof/Eng
- Mr.M.Sivakumar,B.E., Adjunct Faculty
- MR.G.Venkatesh,B.E.,Adjunct Faculty

DEPARTMENT LABS

- Electrical Machines – I & II Lab
- Control & Instrumentation Lab
- Power Electronics & Drives Lab
- Electrical simulation Lab
- Electric Circuits Lab
- Engineering Workshop
- LED Luminaries Fabrication & Testing Lab
- R & D Industry Supported Lab

FACULTY PUBLICATION

- International conference : 06
- International journal : 12

Details of Students who presented papers (other than DGCT)

Sl. No	Name of the Student(s)	Class	Title of the paper	Venue	Prizes/ Place
1	Inba.D Naresh.A.K.	III-A	Smart Grid	Kongu Engineering College	Presented
2	Sabari.V.S.	II-B	Home Automation using IoT	Periyar University	Presented
3	Uma.P Shalini.K Shobana Shree.B Priya.S Deepak.E Manikandan.A.S	III-A & B	Nano Electricity	Sona College of Technology	Presented
4	Vishnu.B	II B	Nano Electricity		Presented
5	G.Janarthanan S.Priyadharshini Mahalakshmi.A Saravanakumar.D Inba.D	III A & B	FACTS devices for power quality	Sona College of Technology	Presented

	Naresh.A.K.				
6	Keerthiga.N	III A	Energy Estimation	Sona College of Technology	Awarded 2nd Prize
7	Aasvidhakkeerthi.R	III A	Smart Vehicle	Kongu Engineering College	Presented
8	Shafi.B Priyhadharshan.P	III B	Digital Medical System	Sri Shanmuga College of Engineering & Technology	Awarded 2nd Prize
9	Kanishkaran.K.G Abu Bakker Siddiq	III A	Smart Grids	KSR College of Engineering	Awarded 1st Prize
10	Uma.P Nivetha.K	III B	Smart Grids	KSR College of Engineering	Awarded 1st Prize



Students sponsored Projects (TNSCST / INDUSTRY etc)

Sl. No	Name of the Student(s)	Name of the Guide	Title of the Project	Sponsoring Agency	Amount Sanctioned	Status Ongoing/ Completed
1	M.Sundaramoorthy S.R.Nagarjuna J.Rajeshkumar P.Premkumar	Dr.R.Manikandan	Fault current utilization from neutral current recovery scheme	TNSCST	Rs.10000/- (Applied on 25.08.2018)	On Going

Mini Projects / Models done by students:

Sl. No.	Title of the Project / Model	Name of the student(s)	Year of Study	Name of the Guide
1	Voice Controlled Home Automation Using Arduino and Bluetooth	Sethuraman.C Karthik Raj.B Kamaleshwaran R Hari Prasath.M	II / EEE	Mr.J.Suresh Babu
2	Obstacles Alerting System for Blinds	Aasvidhakeerthi.R Jananya.S Gomathinayagi.M	II / EEE	Mr.G.Subramaniam
3	Low cost Air cooler	Kathir.B Shafi.B	II / EEE	Mr.R.Saravanan

Final Year Project (Industry) :

S. No	Title of the Project	Name of the Organization	Name of the student(s) With year	Name of the Guide
1.	Stage-I FOPH incomer breakers control operation using TPS-II	NLC India Ltd, Neyveli	DEVA T GOPALAKRISHNAN M GOWRISANKAR B GOWTHAM N	Mr.P.Praveenkumar

Association Activities

Sl. No	Date	Name of the Programme	Name of the speaker with designation and address	Topic
1	10.09.18	SCYPPEE Inauguration	Er.S.R.Saravanan, MIE Honorary Secretary, IE(I)	A New Industrial Revolution
2	10.09.18	Project Expo	Er.S.R.Saravanan, MIE Honorary Secretary, IE(I)	Project Expo
3	28.08.18	Internal Guest lecture	Dr.S.Rajendran Prof & HoD/EEE DGCT	Transformer

Co curricular activities (quiz, s/w debugging, designing activities, Marketing etc.)

S. NO.	Name of the student	Year	Name of the programme	Venue / Organized by	Date	Prize/ Place
1	Pravin.M	II B	Project Presentation	Kongu Engineering College	04.10.18	Participated
2	Mahalakshmi.A Keerthiga.N Saravanakumar.D	III A & B	Project Presentation	Kongu Engineering College	04.10.18	Awarded 1st Prize
3	Rathi Priya.M	II B	Project Presentation		04.10.18	Participated
4	Saranya.G Reena shivani.V	II B	Project Presentation		Kongu Engineering College	04.10.18
5	Gomathi Nayagi.M Inba.D Naresh.A.K.	III A	Project Presentation	Kongu Engineering College	04.10.18	Participated
6	Gomathi Nayagi.M Inba.D Naresh.A.K.	III A	Quiz	Kongu Engineering College	04.10.18	Participated
7	Mahalakshmi.A Keerthiga.N Saravanakumar.D	III A & B	Quiz	Kongu Engineering College	04.10.18	Awarded 1st Prize

8	Sabari.V.S. Pugazhenth.S Riyaz	II B	Project Expo	Muthayamma I Engineering College	29.9.18	Awarded 1st Prize
9	Aasvidhakkeerthi.R Priyhadharshan.P	III A	Youth Talk' 18	ICT Academy	27.9.18	Qualified up to Regional Pre-finals
10	S.Kalaiyaran R.Devishree S.Yuvaranjani G.Priya	II A & B	Workshop on "Python and IoT Integrated Tool Kit for Lab View".	KSR College of Technology	26.9.18	Participated
11	Priyhadharshan.P	III A	Ology Corner	Sona College of Technology	24.9.18	Participated
12	Uma.P Shalini.K Shobana Shree.B Priya.S	III B	Treasure Hunt		24.9.18	Participated
13	Deepak.E Manikandan.A.S	III A	Circuit Debugging		24.9.18	Participated
14	Vishnu.B	II B	Circuit Debugging		24.9.18	Participated
15	Deepak.E Manikandan.A.S Priyhadharshan.P	III A	Circuit Debugging		24.9.18	Awarded 3rd Prize
16	G.Janarthanan S.Priyadharshini Mahalakshmi.A Saravanakumar.D	III A & B	Project Presentation	Selvam College of Engineering	15.9.18	Participated
17	Sabari.V.S. Sharuk.F Pravin.M Sowmiya.M Riyaz.K	II B	Project Presentation	Selvam College of Engineering	15.9.18	Participated
18	Keerthiga.N	III A	Project Presentation		15.9.18	Awarded 2nd Prize
19	S.Priyadharshini Inba.D Naresh.A.K.	III B	Quiz		15.9.18	Participated
20	S.Priyadharshini Inba.D Naresh.A.K.	III B	Quiz		15.9.18	Participated
21	Aasvidhakkeerthi.R	III A	Informals	Kongu Engineering College	12.9.18	Participated
22	Narayanamoorthi. S Jeevanantham.S	II A	Workshop on " Elctrical Machine Winding".	Karpagam Institute of Technology	11.9.18	Participated

	Arulmurugan.K Karthikayan.M Dineshwaran.M					
23	Sabari.V.S.	II B	Workshop on " Iot & Augumented Reality".	Kathir College of Engineering	07.9.18	Participated
24	Uma.P	III B	Project Display	P.A. College of Engineering & Technology	31.8.18	Awarded 1st Prize
25	Nivetha.K Priyadarshini.S	III B	Project Display	Engineering & Technology	31.8.18	Participated
26	Srimathi.R Pravin.M Sowmiya.M	II B	Training Program on "Introduction to Electrical & Electronics Engineering".	Live Wire	Aug'18	Participated
27	Uma.P Sujitha.S	III B	Project Display (Wheel Chair Control for Physically Challenged)	Kongunadu College of Engineering & Technology	18.8.18	Participated

Smart India Hackathon'18 - IIT Roorkee

28



Team **AQUATORS** has participated in **SMART INDIA HACKATHON**.

The project is based on aqua monitoring. The project was guided by **Dr.P.Selvakumar**

Team Members: Shafi.B (III-EEE), Srikanth.S (III-EEE), Komaladevi.S (IV-EEE)

& Ansar.S (IV-EEE) - 18.6.18 To 22.6.18

Extra-curricular activities (Sports and Games) (Other than DGCT)

S. NO.	Name of the student	Year	Name of the programme	Venue / Organized by	Date	Prize/ Place
1	C.Prapanjani	IV-B	Weight Lifting champion 2018	Inter zone, AVC College of Engg, Mailadudurai	04-11-18 & 05-11-18	Gold
2	K.Vanmathi	IV-B	Weight Lifting champion 2018	Inter zone, AVC College of Engg, Mailadudurai	04-11-18 & 05-11-18	Silver

BEST ENTERTAINER AWARD – RYLA

Student **Mr.K.G.Kanishkaran** of third year was awarded **BEST ENTERTAINER** of **RYLA** (Rotary Youth Leadership award) 2k19

OUTSTANDING PARTICIPANT AWARD – RYLA



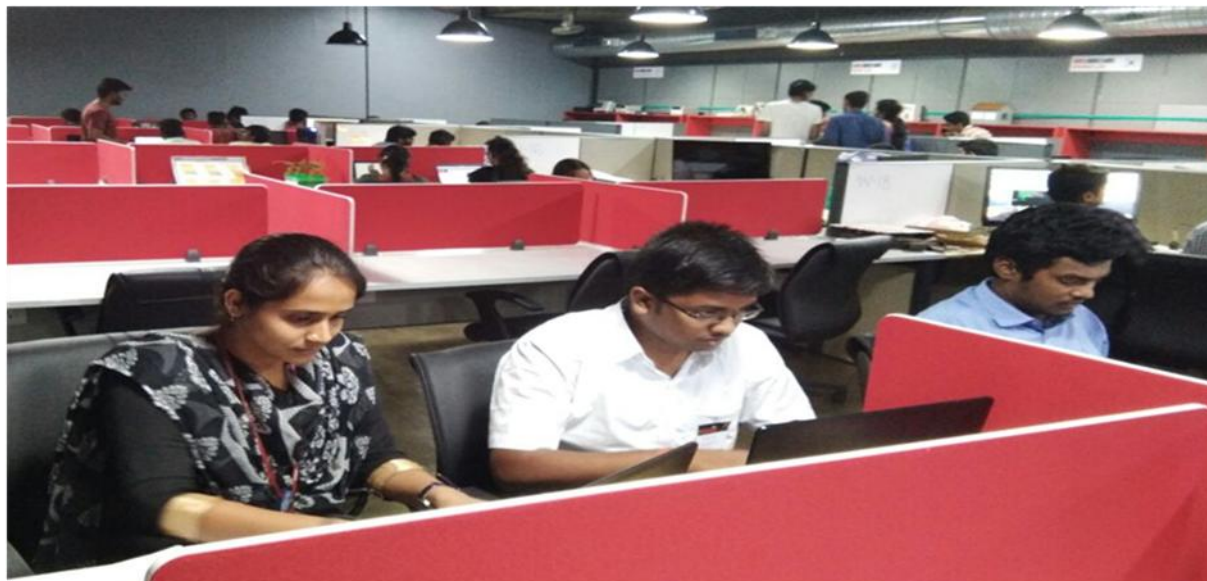
Student **Ms.S.Komaladevi** of final year was awarded **outstanding participant** of **RYLA** (Rotary Youth Leadership award **2k18**)

PALS InnoWah Project Contest - Finals Exhibited at IIT, Madras



Artificial Intelligence based Aqua monitoring BOT by EEE students **S.Gokul, S.komaladevi, Srikanth & Shafi** Mentored by: **Dr.R.MANIKANDAN, AP/EEE**

SMART INDIA HACKATHON 2018



Mr. sadhasivam IV year EEE Received Rs: 50,000/- as scholarship for undertaking training at FORGE- KCT, Coimbatore through Hackathon.

List of students participated in Competitive Exams (GATE, TOFEL, GRE, Any other) :

S. NO.	Name of the student	Name of the Exam	Month and Year	Status
3	610515105006	ANSAR S	OCT 2018	FEB 2019 (Exam)
4	610515105008	ASIF M		
5	610515105029	GOKUL K		
6	610515105040	JOHN MANIKANDAN K		
7	610515105045	KOMALADEVI S		
8	610515105089	VILASINI A		
	610515105072	ROSHAN J		

Awards and Honors Received by the students:

S. NO.	Name of the student	Year of study	Name of Awards/Honors	Issued by	Date
1	KOMALADEVI S	IV	RYLA-2018 EPOCH MAKERS	Rotary Club, Salem	21.01.18

Guest Lecturer / Seminar given by our faculty (Both Within and other than DGCT)

S.No .	Name of the Staff	Topic	Venue/Organized by	Date
1.	Dr.S.Rajendran	Internal Guest lecture on Transformer	SH A/C, DGCT	28.08.18

Summer / Winter Schools, Workshops, Conferences, Seminars, FDTP, Special Programmes etc attended by the staff members within DGCT

Sl. No.	Name of the Staff with designation	Name of the Programme/ Winter/Summer School/Workshop/etc.	Venue/ Name of the Department organized	Duration From - To
1	Mr.N.Venkatraman Mr.V.Prakash Mr.P.Saravanakumar Ms.S.Shanmugapriya Ms.P.Parvatha Sundari Ms.R.Senthamizhchelvi Ms.S.Hemalatha Mr.Sureshbabu Mr.B.Sathyaseelan	Internal FDP. <u>Topics:</u> 1.Transformer 2. PLC Automation 3. Electrical Machines 4. Electrical Drives 5. Renewable Energy System	DGCT, Salem	10/08/2017 to 11/08/2017

Project Proposals (AICTE, MODROB, TAPTEC, NCP, NAFITEC, DST,ISRO, DRDO, UGC, MIT, CSI, Any other etc)

Sl. No	Name of the Staff	Title of the Project	Sponsoring organization	Amount (in Rs.)	Status*
1	Dr.R.Manikandan	Fault current utilization from neutral current recovery scheme	TNSCST	Rs.10000/-	Applied
2.	Dr.S.Rajendran	STTP on Power Electronics for Industrial Drives & Renewable Energy Systems	AICTE	4,18,000	Applied

Value Added programme organised by faculty for studnets

S. No	Name of the Staff	Name of the programme	Number of students participated	Amount per student (in Rs)	Total amount
1	Dr.R.Manikandan & Mr.N.Venkatraman	PLC Automation	18	Rs.750/-	Rs.13500/-

Students Internships

S.No	Name of the Industry	Products	No. of Students
1.	Air India Limited , Chennai	Electrical Maintenance	01
2.	Real Tech & Alfa Switchgear Pvt. Ltd, Erode	Switchgears	12
3.	Raana Semiconductors Pvt. Ltd, Hosur	Electronics boards	20
4.	Rank Battery, Salem	Tubular Battery	25
5.	Salem Steel Plant, salem	Steel	05
6.	The Tamilnadu Co-operative Textile Processing Mills Ltd., Erode	(Textile mill) Power Generation	05
7.	Sunshiv Electronic Solutions, Coimbatore	PCB Manufacturing	12
8.	Elite Systems & Controls, Erode	Electronics boards	06
9.	Talema Electronic India pvt Ltd,, Salem	Transformers	06
Total			92

Placement Details 2018-19



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Department of Electrical and Electronics Engineering



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argusoft ₹ 4.5 LPA (₹ 4500 per month)



Mr. Sankaraj

VOICE SNAP ₹ 3 LPA (₹ 3000 per month)



Mr. Manojkumar, Mr. Praveen S, Mr. Praveen S

KIML ₹ 1.2 LPA (₹ 12000 per month)



Mr. S. Sankar, Mr. S. Sankar, Mr. J. Sankar, Mr. P. Praveen

VVDN ₹ 3.2 LPA (₹ 3200 per month)



Mr. Anand

INFOSYS ₹ 3.5 LPA (₹ 3500 per month)



Mr. Uma Maheswar

CETAS ₹ 1.8 LPA (₹ 1800 per month)



Mr. Sankar

aspire ₹ 2.4 LPA (₹ 2400 per month)



Mr. Uma Maheswar

SYRMA ₹ 1.8 LPA (₹ 18000 per month)



Mr. Praveen C, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S, Mr. Sankar S

AXIS ₹ 1.5 LPA (₹ 1500 per month)



Mr. Sankar S, Mr. Sankar S, Mr. Sankar S

VEROMA ₹ 2.4 LPA (₹ 2400 per month)



Mr. Sankar S

Justdial ₹ 2 LPA (₹ 2000 per month)



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and many more Placements !!!

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Student Editors

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K.Prabhakaran	IV EEE B
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K.S.Shalini	III EEE B
A.V.Bharath	II EEE A
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