



# KRISHNASAMY

College of

## ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University


Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.

☎ (04142) 285 601 - 604

🌐 www.kcet.in

✉ info@kcet.in

Innovative Research on “Renewable Energy Systems” conducted on 15.07.2021, Mr.D.Periazhager, Assistant Professor KCET, handled the session.



### KRISHNASAMY

COLLEGE OF

## ENGINEERING & TECHNOLOGY

Approved by AICTE

Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109  
☎ (04142) 285 601 - 604 044 9455 0194 🌐 www.kcet.in ✉ info@kcet.in

*Electrical and Electronics Engineering Cordially invite you to the*

***Innovative research***

---

**“RENEWABLE ENERGY SYSTEMS”**

*On Thursday, the 15<sup>th</sup> July, 2021 by 10.00 a.m. at B-Block seminar hall in the college campus.*

**Dr.D.PERIZHAGAR, M.E., Ph.D**  
*Assistant Professor, KCET,*  
*has kindly consented to deliver the key note address:*

**Dr. K. RAJENDRAN, M.S, FICS, FAIS,**  
*Chairman,*  
*Krishnasamy College of Engineering & Technology,*  
*presides.*

**Mr. N.VIJAYAKUMAR, B.A., B.L.,**  
*Secretary,*  
*Krishnasamy group of Educational Institutions,*  
*Felicitates.*

**Dr.S.SIVASAKTHI**  
Co-ordinator

**Dr. G. Elango**  
Principal

**Invitation of Technical Seminar**



# KRISHNASAMY

College of

## ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University

Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.

☎ (04142) 285 601 - 604

🌐 www.kcet.in

✉ info@kcet.in



Interaction by Experts on Technical seminar

**KRISHNASAMY COLLEGE OF ENGINEERING & TECHNOLOGY**  
Anand Nagar, S.Kumarapuram Cuddalore 607109

College Code / Name : 4213-KRISHNASAMY COLLEGE OF ENGINEERING AND TECHNOLOGY  
Regulation: 2017 (Academic Year 2022-2023)  
Branch Code / Name : 105 - Electrical and Electronics Engineering  
Year / Sem : IV/ VII

S. No	Reg.No	Name of the Students		Signature
1	421319105001	ABDUL RAHMAN	M	M. Abdul Rahman
2	421319105002	ARIKRISHNAN	B	B. Arikiran
3	421319105003	DHEENA	M	M. Dheena
4	421319105004	GOKUL	S	S. Gokul
5	421319105005	GOPINATH	B	B. Gopinath
6	421319105006	KARNAL JAYAMARIYAM	A	A. Karnal Jayamariyam
7	421319105007	MAHADEVAN	B	B. Mahadevan
8	421319105008	MOHAMED ASHIK	H	H. Mohamed Ashik
9	421319105009	MUGESH	S	S. Mugesh
10	421319105010	NISHA	P	P. Nisha
11	421319105011	PAITHIEN MOHAMED	R	R. Paithien Mohamed
12	421319105012	PASARAJA	S	S. Pasaraja
13	421319105013	POOVARASAN	S	S. Poovarasan
14	421319105014	PRIYADARSHINI	R	R. Priyadarshini
15	421319105015	ROHITH	S	S. Rohith
16	421319105016	SANDHYA	V	V. Sandhya
17	421319105017	SATHYANISWETHI	K	K. Sathyaniswethi
18	421319105018	SREVENDIRAN	V	V. Sreveniran
19	421319105019	SEVVEN	R	R. Sevvem
20	421319105020	SINDHU	R	R. Sindhu
21	421319105021	SUBASHINI	V	V. Subashini
22	421319105022	VIJAY	S	S. Vijay
23	421319105023	VIJAYAKUMAR	B	B. Vijayakumar
24	421319105024	VIKRAM	G.D	G.D. Vikram

Students Attendance on Technical Seminar





# KRISHNASAMY

College of

## ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University

Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.

☎ (04142) 285 601 - 604

🌐 [www.kcet.in](http://www.kcet.in)


✉ [info@kcet.in](mailto:info@kcet.in)

### Programme report for Innovative Research on “Renewable Energy Systems”

Renewable energy systems are technologies that harness energy from naturally replenishing sources such as sunlight, wind, water, and geothermal heat. These systems are essential components of the transition towards more sustainable and environmentally friendly energy production. Solar energy systems utilize photovoltaic cells or solar thermal collectors to convert sunlight into electricity or heat, respectively. Wind energy systems harness the kinetic energy of wind to generate electricity through wind turbines. Hydropower systems utilize the potential and kinetic energy of flowing water to generate electricity through turbines, commonly found in dams or river-based installations. Geothermal energy systems tap into heat stored beneath the Earth's surface to produce electricity or heat buildings directly. Renewable energy systems offer numerous advantages, including reduced greenhouse gas emissions, improved energy security, and economic benefits through job creation and local energy production. However, their deployment and integration into existing energy infrastructure require careful planning to address challenges such as intermittency, grid integration, and land use considerations. Research and development in renewable energy technologies continue to drive innovation, efficiency improvements, and cost reductions, further accelerating the adoption of renewable energy systems worldwide.

  
Coordinator



  
Principal  
Krishnasamy College of  
Engineering & Technology,  
Kumarapuram,  
Cuddalore-607 109.