



Department of Electronics and Communication Engineering

Report on the seminar on Energy Conservation and Innovation in House Hold Applications

A seminar on Energy Conservation and Innovation in House Hold Applications was organized by S.E.A College of Engineering and Technology, Bangalore on 29th December, 2022 at 11:00am. The workshop was arranged for Second year, Third year and Final year ECE students. Nearly 80 students attended the seminar. Inauguration for the seminar was held on AC seminar hall at 11:00am. The function was presided by Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource persons was given by Dr. P. Hosanna Princy Associate Professor, ECE, SEACET.

The resource persons for this seminar is Dr.Krishnakumar, Professor, Gopalan College of Engineering and Management.

About Seminar:

S.E.A College of Engineering and Technology
Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi
Eita Nagar, Near Ayyappa Nagar Circle, Dwarakadheeshwara Main Road, K.J.Puram, Bangalore-41

Department of Electronics and Communication
Organizes
A One day Seminar on
“Energy Conservation & Innovation in House hold Applications”
In Association with IQAC and IIC

Resource Person :
Dr. Krishnakumar
GCEM, Bangalore

On 29th December 2022

Venue: AC Seminar Hall

INSTITUTION'S INNOVATION COUNCIL
(Innovation of IITs Initiative)

About Resource Person:

PROFILE



Dr.KrishnaKumar, has completed **B.E** in Electronics and Communication from Sri.Jayachamarajendra College of Engineering, Mysore. Started his career as **Lecturer**. Then completed **M.Tech in Network Communication, M.Phil in Computer Science and PhD in Communication**.

He has completed **MBA and M.A.(Public Adminstration)**.

He has completed following Certification :

1. **SIX SIGMA - Black Belt**,
2. Certified **LEAD AUDITOR** for ISO 9000-2008 and
3. **CISCO Certification – Cisco Certified Network Associate**.
4. Undergone training on Energy Auditing

He is having around twenty two years of teaching experience.

He has published around 20 technical papers in National and International Journals.

He has filed three patent ,

He has co-authored three text books

Objective of Seminar:

- To know the basics of power generation methods and sources of power generation.
- To learn the alternate sources of power generation.
- To know and learn the Energy Conservation Methods in House Hold applications.

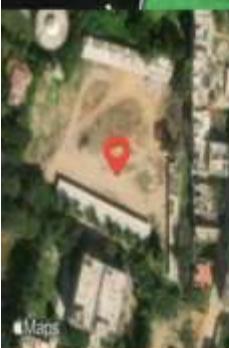
Dr. Krishnakumar started his lecture stating the importance of Energy Conservation Methods. He explained in brief how the power is generated in various ways. What are the sources to generate power from renewable and non-renewable resources. In what methods we can conserve Energy and why it is important to conserve. In our day to day life how we can conserve power without wasting the resources. How to conserve energy with available resources. How to get electronic products based on its five-star rating performance. He concluded by giving a brief idea about the necessity of Energy conservation.

Snapshots from seminar are presented below.





 GPS Map Camera



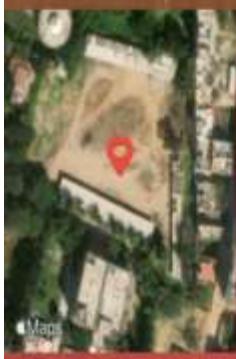
Bengaluru, KA, India

4th Cross Road, KR Puram, Bengaluru,
560049, KA, India

Lat 13.008347, Long 77.716449

12/29/2022 11:09 AM GMT+05:30

Note : Captured by GPS Map Camera



Bengaluru, KA, India

4th Cross Road, KR Puram, Bengaluru,
560049, KA, India

Lat 13.008340, Long 77.716448

12/29/2022 11:12 AM GMT+05:30

Note : Captured by GPS Map Camera

 GPS Map Camera



 GPS Map Camera

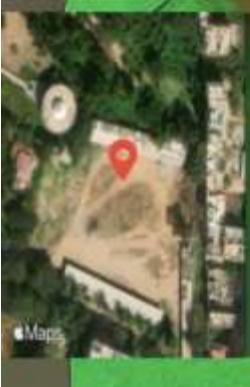
Bengaluru, KA, India

4th Cross Road, KR Puram, Bengaluru,
560049, KA, India

Lat 13.008665, Long 77.716423

12/29/2022 11:42 AM GMT+05:30

Note : Captured by GPS Map Camera





The seminar was concluded at 12.30pm. The seminar ended with the vote of thanks. It was given by Dr. P. Hosanna Princye, Associate Professor, ECE, SEACET. Feedback forms were collected from the students. Seminar was highly informative to students and staffs. Thus seminar provided valuable awareness and insights on the various aspects of Energy Conservation.

Seminar Outcome:

- Students learnt how Energy conservation is important in our day to day life
- Power Generation methods and alternate sources to generate power were explained.
- The various ways to Conserve Energy in House Hold applications was discussed.
- The important challenges faced in Energy Conservation in House Hold applications was addressed.

Students Name list – Seminar:

S NO	USN NO	NAME OF STUDENT
1	1SP21EC001	AISHWARYA D
2	1SP21EC002	AISHWARYA H R
3	1SP21EC003	AMULYA PATIL D A
4	1SP21EC004	BHARADWAZ R
5	1SP21EC005	DENITHA D
6	1SP21EC006	GODLAVEETI GURUMAHESH
7	1SP21EC008	JAGATI SAI TEJA
8	1SP21EC009	JALANI K S
9	1SP21EC010	KANNIKA P N
10	1SP21EC011	KARTHIK V H
11	1SP21EC12	KEVIN GEORGE D
12	1SP21EC13	L PAWAN KUMAR
13	1SP21EC14	MOHAMMED NAWAZ ULLAH
14	1SP21EC15	NIKHIL K
15	1SP21EC17	RANJITHA M
16	1SP21EC18	S YUVARAJ
17	1SP21EC19	SACHIN KUMAR S
18	1SP21EC020	SAHANA H
19	1SP21EC21	SHAMME ZEHRA
20	1SP21EC22	SINDHU K J
21	1SP21EC23	SINDHU V
22	1SP21EC24	SKANDA P
23	1SP21EC25	SONIKA N
24	1SP21EC26	SOWMYA P
25	1SP21EC027	SPOORTHI J
26	1SP21EC28	SRIDHAR S MELI
27	1SP21EC30	SUZAIN KHANUM
28	1SP21EC031	THIRTAKUMAR H B
29	1SP21EC32	VAISHNAVI PATIL
30	1SP21EC33	VARAPRASAD K
31	1SP21EC34	VENUGOPAL H R
32	1SP21EC35	VYSHNAVI A R
33	LATERAL ENTRY	ASWINI T
34	LATERAL ENTRY	BHARATHI
35	LATERAL ENTRY	CHARITHRA RANI
36	LATERAL ENTRY	KARTHIKEYA K
37	LATERAL ENTRY	KULDEEP
38	LATERAL ENTRY	SAI NIKHIL
39	LATERAL ENTRY	SUDEEP B S
40	LATERAL ENTRY	Trisha
41	1SP20EC001	BHAVANI S
42	1SP20EC002	CHAKKIRI V SUDHEER KUMAR

43	1SP20EC003	E NANDINI
44	1SP20EC004	EDURU RAJESH
45	1SP20EC005	JYOTHI NN
46	1SP20EC006	LOKESH P
47	1SP20EC007	MOHITH GOWDA
48	1SP20EC008	D N PADMANAND
49	1SP20EC009	SNEHA SHREE
50	1SP20EC010	PRATHIK KUMAR RAI
51	1SP17EC007	HOSMANI SANJUKUMAR
52	1SP18EC002	CHANDAN
53	1SP18EC012	SRIPRIYA N
54	1SP19EC001	ABHILASH C
55	1SP19EC002	ANIRBAN SANKI
56	1SP19EC003	ANIYA KAUSAR
57	1SP19EC004	ARBEEN TAJ
58	1SP19EC005	BHARATH B
59	1SP19EC006	BINU
60	1SP19EC007	BYRE GOWDA N
61	1SP19EC009	CYRIL PAUL RAYAN
62	1SP19EC010	GLORY D'SOUZA R
63	1SP19EC011	IMPANA
64	1SP19EC012	KAVITHA P
65	1SP19EC013	LAVANYA K
66	1SP19EC014	MAMTA KUMARI
67	1SP19EC015	MANJUNATH B
68	1SP19EC016	MANOJ GY
69	1SP19EC017	NAVEEN Y
70	1SP19EC018	PALLAVI AS
71	1SP19EC019	PARVATHI S
72	1SP19EC020	PRAJWAL
73	1SP19EC021	PRIYANKA KUMARI
74	1SP19EC022	RAJESH P
75	1SP19EC023	SATHVIKA GB
76	1SP19EC024	AVINASH S
77	1SP19EC026	VY SANTHOSE
78	1SP19EC027	YASHWANTH GOWDA
79	1SP19EC028	YOGESH V
80	1SP19EC030	RISHI VARDHAN

Students Attendance sheet (scanned):

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering
Students Attendance (ACADEMIC YEAR 2022-23 -ODD SEM)

Seminar on 'Energy Conservation & Innovation in House hold Applications' 29-12-22

S No	USN	NAME OF THE STUDENT	SIGNATURE
1	1SP21EC001	AISHWARYA D	Aishwarya.D
2	1SP21EC002	AISHWARYA H R	Aishwarya.H.R
3	1SP21EC003	AMULYA PATIL D A	amulya patil
4	1SP21EC004	BHARADWAZ R	bharadwaz.R
5	1SP21EC005	DENITHA D	denitha.d
6	1SP21EC006	GODLAVEETI GURUMAHESH	gurumahesh
7	1SP21EC008	JAGATI SAI TEJA	Sai Teja
8	1SP21EC009	JALANI K S	Jalani.K.S.
9	1SP21EC010	KANNIKA P N	Kannika.P.N
10	1SP21EC011	KARTHIK V H	Karthik.V.H
11	1SP21EC12	KEVIN GEORGE D	Kevin
12	1SP21EC13	L PAWAN KUMAR	L.Pawan
13	1SP21EC14	MOHAMMED NAWAZ ULLAH	Nawaz
14	1SP21EC15	NIKHIL K	Nikhil
15	1SP21EC17	RANJITHA M	Ranjitha.M
16	1SP21EC18	S YUVARAJ	S.Yuvraj
17	1SP21EC19	SACHIN KUMAR S	Sachin Kumar
18	1SP21EC020	SAHANA H	S.H
19	1SP21EC21	SHAMME ZEHRA	Shamme.Zehra
20	1SP21EC22	SINDHU K J	Sindhu.K.J
21	1SP21EC23	SINDHU V	Sindhu.V
22	1SP21EC24	SKANDA P	Skanda.P
23	1SP21EC25	SONIKA N	SoniKA.N
24	1SP21EC26	SOWMYA P	Sowmya.P
25	1SP21EC027	SPOORTHI J	Spoorthi.J
26	1SP21EC28	SRIDHAR S MELI	Sridhar.S.Meli
27	1SP21EC30	SUZAIN KHANUM	Suzain.Khanum
28	1SP21EC031	THIRTIKUMAR H B	Thirthikumar.H.B
29	1SP21EC32	VAISHNAVI PATIL	Vaishnavi.Patil
30	1SP21EC33	VARAPRASAD K	Varaprasad
31	1SP21EC34	VENUGOPAL H R	Venugopal
32	1SP21EC35	VYSHNAVI A R	Vyshnavi.A.R
33	LATERAL ENTRY	ASWINI T	Aswini.T
34	LATERAL ENTRY	BHARATHI	AB
35	LATERAL ENTRY	CHARITHRA RANI	Charithra.Rani
36	LATERAL ENTRY	KARTHIKEYA K	Karthik.K
37	LATERAL ENTRY	KULDEEP	Kuldeep

38	LATERAL ENTRY	SAI NIKHIL	Nikhil
39	LATERAL ENTRY	SUDEEP B S	Sudeep B.S
40	LATERAL ENTRY	Trisha	AB
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43	1SP20EC003	E NANDINI	E. Nandini
44	1SP20EC004	EDURU RAJESH	Rajesh
45	1SP20EC005	JYOTHI NN	Jyothi NN
46	1SP20EC006	LOKESH P	Lokesh P
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61	1SP19EC012	KAVITHA P	Kavitha P
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66	1SP19EC017	NAVEEN Y	Navneet
67	1SP19EC018	PALLAVI AS	Pallavi
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69	1SP19EC020	PRAJWAL R J	Prajwal R.J
70	1SP19EC021	PRIYANKA KUMARI	Priyanka
71	1SP19EC022	RAJESH P	Rajesh
72	1SP19EC023	SATHVIKA GB	AB
73	1SP19EC024	AVINASH S	Avinash
74	1SP19EC026	VY SANTHOSH	V.Y. Santhosh
75	1SP19EC027	YESHWANTH GOWDA	Yeswanth
76	1SP19EC028	YOGESH V	Yogesh
77	1SP19EC030	RISHI VARDHAN	Rishi
78	1SP17EC007	HOSMANI SANJUKUMAR	AR
79	1SP18EC002	CHANDAN J A	Chandan
80	1SP18EC012	SRIPRIYA N	Sripriya

Sample Feedback forms from students (scanned):



S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Basavanapura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

Seminar on "Energy Conservation & Innovation in House hold Applications" for ECE students in association with IQAC & IIC on 29th December, 2022

Seminar Name: Energy conservation & Innovation in House hold Date: 29/12/22

Name of the Institution: S.E.A College of Engineering & Technology

Program Date: 29/12/22

Name of the Participant: Ranjitha-M

Department: Electronics and communication Engineering

USN NO: 1SP21EC017

Year and Semester: 2nd / 3rd Sem

Address: # 116 Ganesh temple road Old Byappanahalli

MS Nagar post Bangalore-560033

Phone No: 6360569126 Mobile No: 6360569126 e-mail ID: ranjitha18m@gmail.com

➤ Write down the benefits got by attending this program?

From this program we have learn to identify label rating and also we came to know important the conservation of energy / power is important

➤ Any Notes or Content Material provided (Y/N): NO

➤ Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning?

NO

➤ Have you found any innovative idea of making learning process from this program? Explain.

NO

➤ Whether initiatives like this should be organized in the coming future or not? Give reason.

Yes

➤ How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

Yes

✓ Kindly give rating to the different aspects of Seminar (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	9	NO
(b). Resource Persons	8	NO
(c). Presentations	8	NO
(d). Interactive Sessions	8	NO
(e). Reading Material	9	NO
(f). Basic Facilities	9	NO
(g). Overall	51	NO

Ranjitha.M
Signature of the Participant



S.E.A COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Basavanapura, Ekta Nagar, K.R.Puram, Bangalore-560049

Students Feedback Form

Seminar on “Energy Conservation & Innovation in House hold Applications” for ECE students in association with IQAC & IIC on 29th December, 2022

Seminar Name: Energy Conservation and Innovation in House hold Applications Date: 29/12/22

Name of the Institution: S.E.A College of Engineering and Technology

Program Date: 29/12/22

Name of the Participant: Mohith Gonda C.B

Department: ECE

USN NO: LSP20EC007

Year and Semester: 3rd E 5th

Address: Kolar

Phone No: — Mobile No: 8557677607 e-mail ID: mohithgonda7975@gmail.com

➤ Write down the benefits got by attending this program?

I Come to know about Har in electrical appliances

➤ Any Notes or Content Material provided (Y/N): N

➤ Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning ?

Yes

➤ Have you found any innovative idea of making learning process from this program? Explain.

No

➤ Whether initiatives like this should be organized in the coming future or not? Give reason.

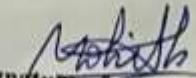
Yes

➤ How do you plan to share the gained knowledge/skill with your friends who did not attend the program?

word of mouth

✓ Kindly give rating to the different aspects of Seminar (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Course Content	9	
(b). Resource Persons	10	
(c). Presentations	10	
(d). Interactive Sessions	9	
(e). Reading Material	0	
(f). Basic Facilities	9	
(g). Overall	9	


Signature of the Participant