
AEEE - Guest Lecture - 10/05/2022 (Tuesday), 10.30 AM to 12.00 PM - Invitation - reg

2 messages

SANKAR M EEE <msankar@svce.ac.in>

Mon, May 9, 2022 at 2:23 AM

To: HOD EEE <hodee@svce.ac.in>

Cc: SUDHAKAR K B EEE <sudhakar@svce.ac.in>, SUDHARSANAM S EEE <sudharsanam@svce.ac.in>

Respected Madam,
We kindly request you to forward this mail to our SVCE faculty.

Dear Sir/Madam,

On behalf of the Association of Electrical and Electronics Engineers (AEEE), Department of Electrical and Electronics Engineering, we are pleased to invite you all for the guest lecture on the topic "Clean Coal Technologies for Sustained Power Generation" on 10/05/2022 (Tuesday), 10.30 AM to 12.00 PM at Video Hall.

Guest speaker: Mr.R.Krishnakumar, Deputy Executive Engineer, NLC India Limited.

A copy of the brochure is attached herewith. All are cordially invited.

Thanks and Regards,
M.Sankar AP/EEE
S.Sudharsanam AP/EEE

**Guest lecture - Clean coal technologies for sustainable power generation.pdf**

1629K

HOD EEE <hodee@svce.ac.in>

Mon, May 9, 2022 at 2:40 AM

To: Principal SVCE <principal@svce.ac.in>, HODs Group <hod@svce.ac.in>, svcefaculty <svcefaculty@svce.ac.in>

Thanks & Regards,

Dr.KR.Santha,
Vice Principal & HOD/EE
SVCE

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**Guest lecture - Clean coal technologies for sustainable power generation.pdf**

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GUEST LECTURE ON

**CLEAN COAL TECHNOLOGIES
FOR SUSTAINABLE POWER
GENERATION**

SPEAKER:
MR.R.KRISHNAKUMAR,
DEPUTY EXECUTIVE ENGINEER,
NLC INDIA LIMITED.



DATE: 10/05/2022

TIME: 10:30AM TO 12:00PM

VENUE: VIDEO HALL, SVCE

CONVENOR

Dr.KR.Santha, Vice-Principal,
Professor & Head of Dept,
Department of EEE

CO-ORDINATORS

Dr.M.Sankar, Asst. Professor
Mr.S.Sudharsanam, Asst. Professor
Department of EEE

STUDENT CO-ORDINATORS

Mr.Adithyan M, General Secretary-AEEE
Mr.Hemanth T, Joint Secretary-AEEE



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Association of Electrical and Electronics Engineers

10-5-2022

GUEST LECTURE REPORT

TOPIC: CLEAN COAL TECHNOLOGIES FOR SUSTAINED POWER GENERATION

**GUEST SPEAKER: Mr.R.KRISHNAKUMAR,
DEPUTY EXECUTIVE ENGINEER,
NLC INDIA LIMITED, NEYVELI**

The guest lecture on the topic 'Clean Coal Technologies for Sustained Power Generation' presented by Mr.R.Krishnakumar, Deputy Executive Engineer, NLC India Limited, Neyveli on 10/05/2022, Tuesday from 10.30 AM to 12.15 PM in the Video hall. Second and third year students (a total of 99) and faculty from EEE dept. participated in this guest lecture event.

The event started with a prayer song by Ms.Sharon Monisha of II year EEE-B. Dr.KR.Santha, Vice-Principal, Professor and HOD/EEE presented an introductory speech and detailed on the significance of pursuing Electrical Engineering which has the advanced core courses like Industrial Automation, Smart Grid and IoT Applications in Electrical Engineering.

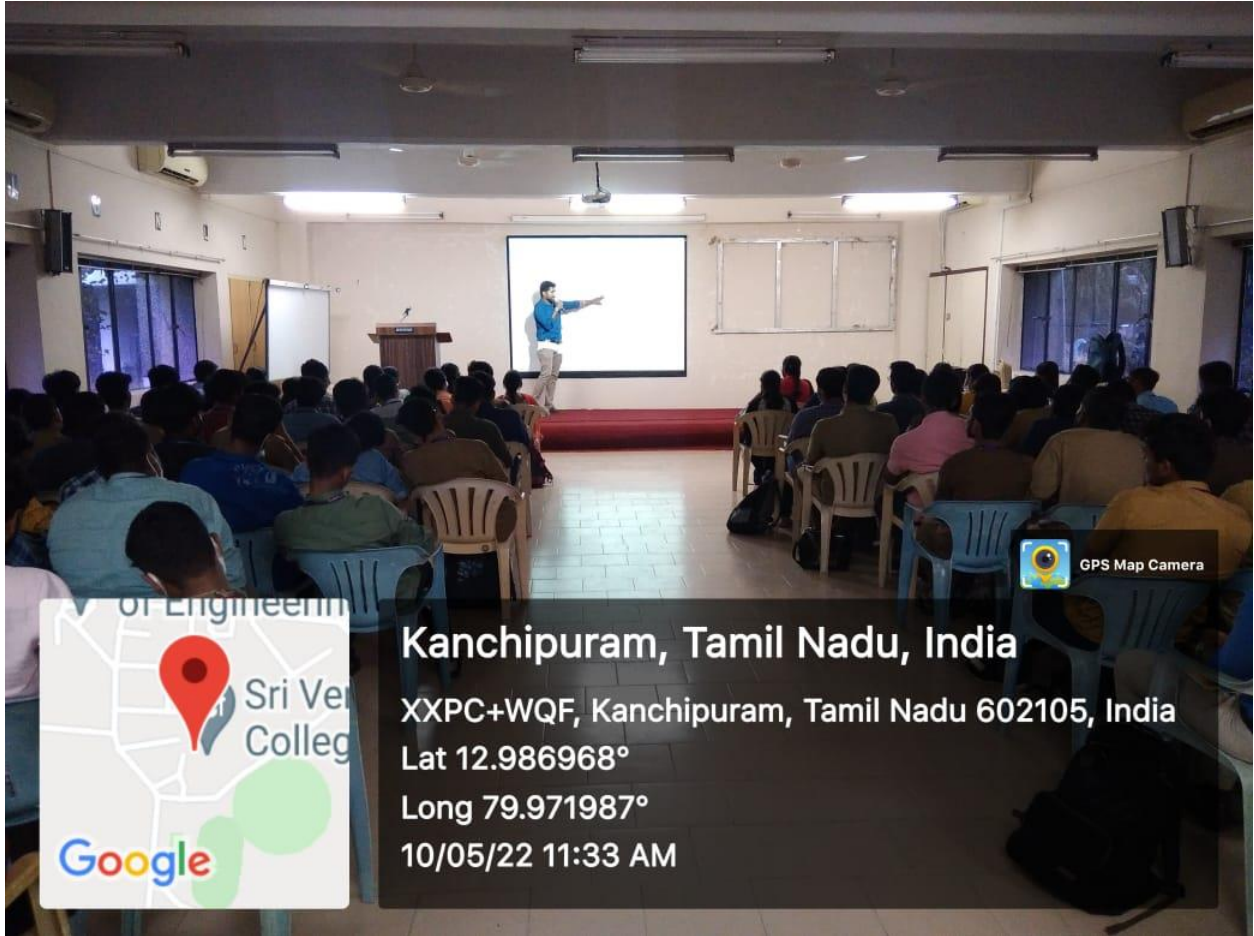
The guest speaker Mr.R.Krishnakumar started his guest lecture with a brief introduction on the Government Schemes for promoting LED lighting, the UJALA (Unnat Jyoti by Affordable LEDs for All), last mile connectivity and electricity connection to all un-electrified households in rural areas, the SAUBHAGYA and the Electricity Act 2003 that consolidate the laws relating to generation, transmission, distribution, trading and use of electricity. He presented the per capita power consumption increasing trend, coal/lignite based power generation, and renewable power generation statistics, demand and deficit demand (0.4% as of 2021) details.

In the part of clean coal technologies concept, the expert speaker shared the details on air pollutants vis-à-vis NO_x, SO₂, particulate matter and CO from a coal based thermal power

plant. The speaker explained the technologies available for emissions control and to sustain the multi-pollutant emission regulatory requirements which are: Selective Catalytic Reduction (SCR), Electrostatic Precipitators (ESP), Fabric Filters (FF), Flue Gas Desulfurization (FGD), wet ESP, Dry Sorbent Injection (DSI), and Mercury Control Methods (MCM) and concluded his lecture by summarising government schemes, policies and pollution control methods.

Ms.Srilayaa of II year EEE compèred the whole event. The event concluded with the vote of thanks by Ms.Sobitha of II year EEE.





K.R. Sarth
HOD/EEE

PARTICIPANTS NAME LIST:

Guest Lecture on the topic “Clean Coal Technologies for Sustainable Power Generation”

S.No	NAME	Year
1	AARTHI G	II
2	ABHISHEK N	II
3	AKASH PRBHAGAR G R	II
4	ANANYA A	II
5	ARAVIN TAKSHAN K K	II
6	BARATH S N	II
7	CHANDIRAPRIYAN K	II
8	DAIWIK DUTTA	II
9	DEEPAKRAJ N R	II
10	DEEPIKA DHAVAMOORTHY	II
11	DHARMEEGAN K	II
12	DHARUN PRASANTH G	II
13	DINESH C	II
14	DIVYA R	II
15	EPSIYA I	II
16	GIRI RAAJ A V	II
17	GOKUL N	II
18	HARI ASHWIN S	II
19	HARISH RAM G	II
20	HARISH S	II
21	HEMARUPHAN S	II
22	INFANT VIMAL M	II
23	JAIGANESH B	II
24	KALANCHIYAM M	II
25	KANISHKHA G T	II
26	KAVIBHARATHI S	II
27	KAVINAYA SREE T	II
28	KEERTHISVAR S	II
29	MADHAN RAAJ P	II
30	MALA ALICE ISHWARYA S	II
31	MANOCHANDAR C	II
32	MANOJ M	II
33	MANUSH K R	II
34	MEYYAPPAN SP	II
35	MOHAMED NOWFUL A	II
36	MOHANA KRISHNAN K	II

S.No	NAME	II
37	MUGUNTH KRISHNA P	II
38	NAVEENKUMAR E	II
39	NAWRAS AHAMED N	II
40	BARATH RAJ R	II
41	GOWTHAM B	II
42	HAREIS V	II
43	HELSON BOBY J	II
44	KABILAN P	II
45	NESON RAJ S	II
46	PRATHEEP S	II
47	RAGUL K K	II
48	RAHUL E	II
49	RAKSHAYA KAMINI VASUTHA K	II
50	RAMYA R	II
51	RATHISHKUMAR R	II
52	ROSHAN RAM K	II
53	SAKTHIUMA S	II
54	SANJANA SURESHKUMAR	II
55	SANTHOSHKUMAR S	II
56	SARAVANAKUMAR N	II
57	SHABHARI S	II
58	SHAKTHIVEL S	II
59	SHRI VARSHAN S	II
60	SINDHUJA M	II
61	SIVA KUMAR S	II
62	SOURISH S	II
63	SREE HARRISSH P	II
64	SREENIDHI R	II
65	SRINIDHI K	II
66	SRINIKESH G	II
67	SRINIVAS RAGHUL M	II
68	SRINIVASAN V	II
69	SRIRANGA ABHIRAM G	II
70	SUBANI SHREE G	II
71	SURESH B	II
72	SURUTHIGHA S K	II
73	SWETHA A	II
74	THARUN BALAJI G	II

75	THIRUVENGADAM S	II
76	UPILLIKANNAN S B	II
77	VARUN KUMAR M	II
78	VASANTH A	II
79	VASANTH B	II
80	VISALAKSHI P	II
81	VISHNUPRIYA K	II
82	VISWASREE S	II
83	YOGARAJ V	II
84	RAM PRAKASH N	II
85	SARAVANAPRIYAN M	II
86	SHANMUGA VELAN M	II
87	SHIVASRUTH S	II
88	TAMILSELVAN E	II
89	ADARSH K	III
90	AJAY ROHITH G	III
91	ANIRUDHH S	III
92	ARAVIND S	III
93	ARUN S	III
94	ARUN PRASATH N	III
95	ASHWANTHRAM T	III
96	ASHWIN K	III
97	ASHWIN KUMAR B	III
98	AUGUSTIN A	III
99	BALAKRISHNAN S	III
100	BALASURIYA M	III
101	BHARATHI PRIYADHARSHINI P	III
102	BHARATHWAJ P	III
103	DAFINNY T	III
104	DEEPAK BALASUBRAMANIAN P	III
105	DEEPAK H	III
106	DHAANYAAKUMAAR G S	III
107	DHANUSH RAGAV P	III
108	DHARINI K N	III
109	DHIVYA B	III

K.R. Sarth

HOD/EEE