



PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC with 'A' Grade)
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

CERTIFICATE COURSES SUMMERY

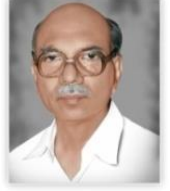
AY:2021-22

<i>Academic Year & Batch</i>	<i>Dates of conduction</i>	<i>Name of the Certificate course</i>	<i>Years of study</i>	<i>Resource Person & Address</i>	<i>No. of students Participated</i>	<i>Duration</i>
2021-22	07-02-2022 To 11-02-2022	Recent Trends In Electrical Engineering	II B.Tech	Mr A Sampath Kumar ADE,BSNL,Pondichery Mob:9486101497	35	30 Hrs
	05-09-2021 To 09-09-2021	Renewable Energy Systems	IV B.Tech	Ms T Rachana Asst Engineer, Dept of Planning Vijay Electricals,Hyd. Mob:7842511626	17	30 Hrs
			III B.Tech		13	

HEAD OF THE DEPARTMENT



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR: 2021-2022

EVENT REPORT

NAME OF THE EVENT : Certificate Course on “**Recent Trends In Electrical Engineering**”
DATE OF EVENT : 07-02-2022 To 11-02-2022
TIME : 10:30 PM
VENUE : C118, Cotton Block, PBR VITS
PARTICIPANTS : 35 (II EEE)
EVENT CO-ORDINATOR : G.Suman, Asst.. Professor, EEE
RESOURCE PERSON : Mr A Sampath Kumar, ADE,
BSNL, Pondichery.

REPORT:

A Certificate Course on the topic “Recent Trends In Electrical Engineering” was conducted by the department of EEE, PBR VITS, Kavali on 07-02-2022 To 11-02-2022. The resource person was Mr A Sampath Kumar, ADE,BSNL,Pondichery.

The programme started with an inaugural session at 10:00 AM in which the HoD of EEE Department Dr. V.Madhusudhan Reddy gave opening remarks about the event. Prof. C. Raja Selvam, stressed the importance of the topic, research in this area and advised the students to make use of this of the program. Mr. V.Masthanaiah, Assistant Professor, Dept. of EEE introduced the Resource Person to the gathering, later the Resource person briefly talked about the following topics in every day.

- ✚ First Day: Electric Vehicles (EV)
- ✚ Second Day: Battery Technology
- ✚ Third Day: Internet of Things (IoT)
- ✚ Fourth Day: Smart Grids
- ✚ Final Day: Wireless Transfer of Electricity.

Finally, the programme was completed with cote of thanks by Mrs.CH.Swapna, Asst.Professor,EEE Department.

OUTCOMES:

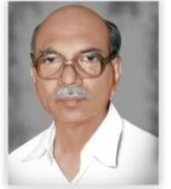
1. Students gained the knowledge regarding “**Renewable Energy Systems**”
2. Students aware the various Energy Conservation Acts.

Signature of the Coordinator

Signature of the HOD



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ACADEMIC YEAR: 2021-2022

EVENT PHOTOS

NAME OF THE EVENT : Certificate Course on “**Recent Trends In Electrical Engineering**”
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EVENT CO-ORDINATOR : G.Suman, Asst.. Professor, EEE
RESOURCE PERSON : Mr A Sampath Kumar, ADE,
BSNL, Pondichery.

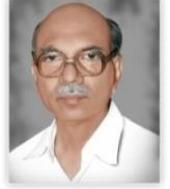


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ACADEMIC YEAR: 2021-2022

EVENT REPORT

NAME OF THE EVENT	: Certificate Course on “ Renewable Energy Systems ”
DATE OF EVENT	: 05-09-2021 To 09-09-2021
TIME	: 10:30 PM
VENUE	: A-211, MRR Block, PBR VITS
PARTICIPANTS	: 30 (III & IV EEE)
EVENT CO-ORDINATOR	: G.Suman, Asst.. Professor, EEE
RESOURCE PERSON	: Ms T Rachana, Asst Engineer, Dept of Planning Vijay Electricals,Hyd.

REPORT:

A Certificate Course on the topic “Renewable Energy Systems ” was conducted by the department of EEE, PBR VITS, Kavali on 05-09-2021 To 09-09-2021. The resource person was Ms T.Rachana,Asst Engineer, Dept of Planning Vijay Electricals, Hyd.

The programme started with an inaugural session at 10:00 AM in which the HoD of EEE Department Dr. V.Madhusudhan Reddy gave opening remarks about the event. Prof. C. Raja Selvam, stressed the importance of the topic, research in this area and advised the students to make use of this of the program. Mr. V.Masthanaiah, Assistant Professor, Dept. of EEE introduced the Resource Person to the gathering, later the Resource person briefly talked about topic.

The first day , She focussed on the various Renewable Energy Sources. The speaker gave an account of various New Energy Sources. she focussed mainly on Solar Energy as a substitute for conventional sources of energy. She explained the energy scenario in world with emphasis on India. With good examples the resource person explained the energy distribution of developing and developed countries.

In the Second day,She gave brief idea about global warming, green house gases effect which is major concern today. He had presented the statistics about different renewable energy sources like wind, solar cells, biomass, fuel cells, geothermal, tidal, mini hydro etc. The resource person highlighted different methods of harnessing the renewable energy sources.

In the Third Day she briefed about the legislative bodies in India for making policies for Renewable Energy Sources. In this context he explained the organizational structure of Ministry of Power (MoP) and Ministry of New and Renewable Energy (MNRE). She discussed the evolution of Ministry of New & Renewable Energy and its responsibilities. She talked about the incentives given by government of India. He also explained government's foreign investment policy, Industrial policy for renewable energy sources. She emphasised that the government is providing soft loans and tax holidays for investments in the area of renewable energy sources.

In the Fourth Day, She explained the legal framework Energy Conservation Act 2001 which enables to implement special tariff for co-generation and generation from renewable energy sources. She extended his lecture with the policies for non conventional energy sources like wind energy, solar energy, tidal energy etc. Out of these non conventional sources of energy he focussed up on the solar energy, the solar cell operation and the different types of solar cells. She started discussing the Central Electricity Regulatory Commission guidelines for starting generation from renewable energy sources.

In the Final day, she concluded the session with brief discussion on Renewable Energy.

OUTCOMES:

1. Students gained the knowledge regarding “**Renewable Energy Systems**”
2. Students aware the various Energy Conservation Acts.

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