



Centre for Computers and Communication Technology



ELECTRO SYNERGY

Newsletter Date: 05/06/2022
Volume-7 , Issue- 2

Electrifying the world with least resistance

Department of Electrical & Electronics Engineering

DEPARTMENT VSION

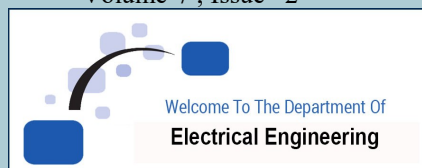
To build a department of global repute for providing technical ability and professional skills in the field of Electrical and Electronics Engineering

DEPARTMENT MISION

M1: To transform young minds into productive Electrical engineers using technical knowledge and professional skills through contemporary curriculum and effective learning system with continuous evaluation.

M2: To provide students exposure to modern engineering tools and innovative projects to become globally competent Electrical engineers embedded with ethical values and leadership capabilities.

M3: To serve the people of state and nation by providing quality education with co-curricular and extracurricular



Campus and Lab visit by Honourable Power Minister, Govt. of Sikkim on the concluding day of annual sports meet, 2022.

HOD's Message

We are happy to inform that our pride rests in the departmental newsletter "ELECTRO SYNERGY", which highlights the academic and non-academic activities of both staff and students of the department.

During every semester, the calendar of events is prepared, which implicitly incorporates all the curricular and extra-curricular activities of the department and is followed meticulously without any deviation. Importance is given to quality teaching and learning process through faculty development programs for teachers and soft skill programmes for students. Special care is taken about the students whose performance is poor in the examinations through counseling, mentoring and extra classes (remedial classes).

Mukesh Kumar Sharma, Sr. Lecturer (SG-I)

EVENTS



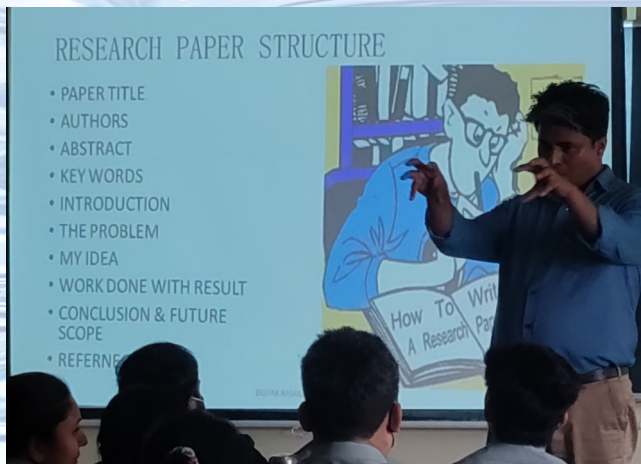
Industrial visit of 2nd year DEE students at Dans hydro-electric Project(96MW) at Majhitar Jorethang as a part of co-curricular activity mandated under Professional practice. During the visit students visited different sections in the unit and interacted with officers and staffs of plant regarding various aspects of power generation and transmission.

THE ECHO OF INDIA- GANGTOK
Thursday, April 7, 2022



A one-day workshop on "Futuristic Technologies using Robotics and Artificial Intelligence," for Final Year Polytechnic Students of Advanced Technical Training Centre, Bardang and Centre for Computers and Communication Technology, Chisopani was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, in association with Sikkim State Center-IE(I) today....EOIC

A one day Workshop on "Futuristic Technologies using Robotics and Artificial Intelligence" attended by final year students of DEE & DECE at SMIT which was organised by Dept. of ECE, SMIT Majhitar, in association with Institution of Engineers (Sikkim state).



Short session on "guidelines for journal paper publication" conducted for final year students where basic ideas on what journal paper is?, How it is published?, where it is published? Etc were discussed.

Save Environment





Two day Maintenance workshop was conducted for final year students as a part of professional practice where students got a chance to see how actually various equipment's work and what are the general faults that occurs in such equipment's.



Blood donation camp at CCCT campus organised by Red Ribbon Club in collaboration with Namchi blood bank under Sikkim State Aids Control Society (SSACS) where 97 units of blood were collected during the camp.

- * Sports meet 2022 concludes with the presence of honourable minister, power and labour dept., area in charge cum chairman UDD and Shri. Lobzang G. Tenzing, president of Sikkim cricket association.
- * DEE – Emerged as Best Trade





Staffs from different department of CCCT, Visited Barsey Rhododendron Sanctuary as a part of team building event.

The purpose of team building was to increase trust, improve communication, increase collaboration and increase or maintain motivation among staffs.



“Every Ending has a New beginning”



Training and placement cell in collaboration with EDC organised a day long Rope Out Programme for final year students on development of young entrepreneurship. The students were enlightened on various schemes offered by MSME that could be very useful in generating successful entrepreneurs.





A DAY FOR MOTHER EARTH

*The life support system since our birth;
And we are in lifetime debt for our mother earth
She is in desperate need of healing to reduce her pain,
Just a day for mother earth will not go in vain.*

*Temperature and rising sea level reached a new high,
It's a high time we realise our mother earth's cry
Everything is polluted; land, water and air
We are on verge of extinction, don't you care?*

*It's hard to find a pure water or a non-degraded soil
Knowing that there is no planet B but continuing it to spoil,
sustainable development would have a long-term gain
A day for mother earth will not go in vain.*

*Mother earth; the provider of food, air and home to a million lives,
Greedy us destroying the nature she gives
To protect her now, we all must rise
And stop abusing mother earth before she dies.*

SISIR CHETTRI, LECTURER E&E

WIRELESS POWER TRANSFER

Wireless power transfer (WPT), wireless power transmission, wireless energy transmission (WET), or electromagnetic power transfer is the transmission of electrical energy without wires as a physical link. In a wireless power transmission system, a transmitter device, driven by electric power from a power source, generates a time-varying electromagnetic field, which transmits power across space to a receiver device, which extracts power from the field and supplies it to an electrical load.

World Water day was celebrated with this year's theme "groundwater: making the invisible visible"



"SAVE WATER"

Water, water everywhere but not a drop to drink"-the most heard phrase in English poetry that makes me think many times about the water shortage. Although water is not only the important thing that life depends upon, but it is also fair to say that there is no existence of life without water. Since it is the basic necessity of life for all living beings, it is incredibly important to conserve it.

Water constitutes more than 70 percent of the Earth's surface, and yet we do not have enough water for our needs. What can be the reason for having so much of water in planet and yet every morning what we see is an empty pipeline connected to our tanks? It is because, Earth's water from oceans, seas ,rivers etc is not drinkable water. Thus we must rely upon the pure sources of water that Earth provides. And since these sources are very few, its our prime responsibility to use this water responsibly and do everything we can to avoid wasting it.

What if water in the world gets exhausted? Aquatic life wont exist ,we will never have fishes in our aquarium, ponds and most importantly on our plates. Lets forget about fish we humans would not exist, since our body is itself made up of 70 percent of water. Moreover all the plants and animals around us will be extinct too.

There are several ways to save water, which very few people only practice in their life. One in hundred contributes in saving water, which is not at all ok!

At least, we can turn off the tap when applying soap on our hands while washing it.We can prefer buckets over showers while bathing, no flushing toilets unnecessarily and always finishing water from our glass etc.

Its a common saying that "drops can create ocean "but not only those can understand who believe little things can be done to make big things, because saving a drop means, saving a source of clean water for future and wasting less water will all add up to a greater effort.



SAVE WATER

Save water or conservation of water has been very essential to maintain the existence of life on the earth because no life is possible without water. Water helps in the continuity of life cycle on the earth as an exception in the whole universe as earth is only known planet having water and life. Water is our need throughout the life so only we are responsible to save it.

USE ENERGY EFFICIENT APPLIANCES

Energy efficient appliances are specially designed to consume minimum energy to complete the same tasks that you'd perform with normal appliances. In addition, some appliances also use renewable energy sources such as solar water heaters to minimize your electricity consumption greatly. The latest technology focuses more on energy savings. Switching to these might be expensive but can drastically help lower your costs in the long run. For example, energy Star appliances are certified by the U.S. Department of Energy and help save 10 to 50% compared to their competitors.

Faculty Details

Sl	Name	Designation	Date of Joining	Qualification	Status (Regular/ Contractual)
1	Mr. Tashi Rapden Wang-chuk	SR. LETURER (SG-I)	13.10.2003	B.E., M.Tech.	Regular
2	Mr. Mukesh Kr. Sharma	SR. LETURER (SG-I)	12.05.2006	B.E., MBA(IT), M.Tech.	Regular
3	Mrs. Shristhi Shrestha	SR. LETURER	01.11.2008	B.Tech., M.Tech.	Regular
4	Mrs. Nima Donka Tamang	SR. LETURER	01.12.2008	B.Tech., M.Tech.	Regular
5	Mr. Tenzing Sherpa	LECTURER	01.02.2011	B.Tech, M.Tech.	Regular
6	Mr. Sisir Chettri	LECTURER	02.08.2021	B.Tech, M.Tech.	Contractual
7	Mr. Rajesh Baraily	LAB ISTRUC-TOR	11.04.2005	Diploma, B.Tech.	Regular
8	Ms. Joyce Dayal Rai	LAB IN-STRUCTOR	01.11.2008	Diploma, BCA, M.Sc. (IT)	Regular
9	Mr. Karma Gyatsho Bhutia	LAB IN-STRUCTOR	01.11.2008	Diploma	Regular
10	Mr. Rinku Bhutia	LAB IN-STRUCTOR	01.02.2011	Diploma, B.Tech.	Regular,
11	Mr. Ajay Rasaily	Electrician	01.03.2014	ITI	Contractual

Student Details (June-2022)

Year	Grand Total
2021-22 (First year)	56
2020-21 (Second year)	55
2019-20 (thirdyear)	56

DEE TOPPER (Even Sem 2021)

Year	Name	GPA
1st year	DEEPENA RAI	9.03
2nd year	KARMA TENZING GURUNG	9.58
3rd year	SAPAN PRADHAN	9.80

Message from the Editor

ELECTRO SYNERGY is an ideal window for the students of DEE not only to showcase their latent talents but also to preserve in prints, the unforgettable moments and memories that they have garnered during their stay in the beautiful campus of CCCT.

Sisir Chettri, lecturer, EEE

MOMENTS

THE MOST BEAUTIFUL THINGS ARE NOT ASSOCIATED WITH MONEY: THEY ARE THE MEMORIES AND MOMENTS. IF YOU DON'T CELEBRATE THOSE, THEY CAN PASS YOU BY.

ALEK WEK

