

EUAGGELION

VOLUME 7 ISSUE 1

22.03.2022

From the desk of the HoD

DEPARTMENTAL MISSION

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

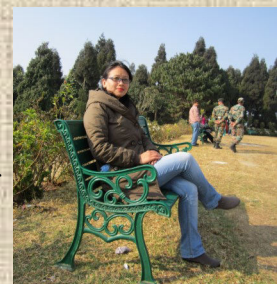
M2: To provide exposure to modern engineering tools and innovative projects to become globally competent civil engineers embedded with ethical values and leadership capabilities.

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

I am immensely happy that our department of Civil Engineering (DCiE) is releasing Volume 7 issue 1 of the newsletter 'Euaggelion'. It is a platform to highlight and acknowledge the significant activities carried out in the college by both students and faculty.

The major strength of the department is a team of well qualified and dedicated faculties who are continuously supporting the students for their academic excellence. The department is also imparting skills to the plumbers of the state under the "Jal Jeevan Mission (JJM)" scheme. I, heartily commend the final year students upon successful completion of their three weeks of industrial training. The department has already applied for the NBA accreditation. I hope the NBA committee will be visiting our department in this semester. So let us work together for the achievement of this goal.

I take this opportunity to congratulate our editorial team for their great effort to make this newsletter as a reality.



Mrs. Prashika Tamang
HOD (I/C), Civil Department
CCCT

DEPARTMENTAL VISION

To build a department of global repute for providing technical ability and professional skills in the field of civil engineering.

From the Editorial Board

Dear readers,

Greetings to you.....!!!!

For the past two years, we have had it difficult. Yet, it is our zeal as humankind to continue striving that has successfully brought us at this stage. It is this vigor that has provided us so much examples of day-to-day heroics that has inspired us in so many ways and exceeded our moral expectations.

This newsletter is dedicated to all those who lost their precious lives in the last two year to this universal battle. We ought to remember that our war is not yet over and we cannot be complacent in our approach.

"EUAGGELION" is a Greek term meaning "good news". Indeed, the newsletter of volume 7 has tons of good news, updates, and show casing of talents of Civil engineering students and faculty.

We are indeed limited by space available in this document, yet we are unlimited in terms of willingness and courage to bring out the best in most successful manner possible. Further, we have for you beautiful poetries, quotations and informative and inspirational articles here, from the students and faculty of the department.

This edition is to mark and celebrate World Water Day, 2022. The theme for this year is "**Groundwater: Making the Invisible Visible**"

Mr. Nawneet Chettri, Lecturer, CCCT
Reewaz Sharma
Chunumit Lepcha

Quotation wall

Make your education a key to
your own success

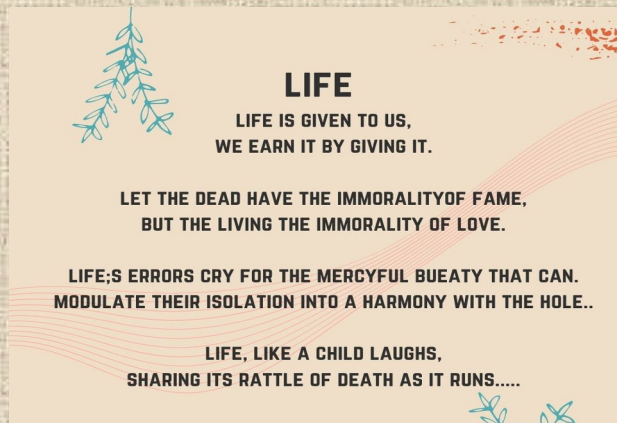
Dream don't work unless you do

When you aim for the sky, make
sure your feet are firmly
grounded

Strive for perfection in
everything you do. Take the
best that exists and make it
better. When it does not exist,
design it

Start where you are; use what
you have and do what you can

Don't stop until you're proud of
yourself



Stay positive in every situation
and everything you do, never
stop trying, have faith don't stop
due to failure.

Hello Death, Goodbye Life

-Pema Choden Lepcha
C20DCIL05

One day when I die, as I must I'd like to die with a
smile on my lips,
I'd like to go peacefully to great death like a Friend to
be able to say quite cheerfully
Hello death, goodbye life
I can imagine myself having a conversation with
death
Perhaps it might go this way Hello death
How are you? I have been waiting for you a long
time
All my life I have been anticipating you
Are you coming for me at long last?
Is it time for me to go already?
Yes, Yes death I am coming
Be patient I'm ready. Can't you see I am smiling?
Since a long time ago I have been planning to wel-
come you with a smile
Yes I understand you don't need to apologize
I know you've got a job to do I hold nothing against
you
No hard feelings. It's nothing personal I understand
let's not dally let's go come, hold my hand
Be ever ready to say hello to death and goodbye to
life.

SHE

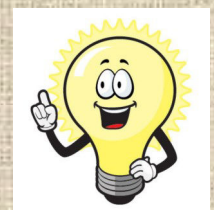
-Chunumit Lepcha
C19DCI04

As she turned around
Heavenly appearances of fondness and lust
Her flesh responded to wounds
Anticipated at the mere thought of nourishment.

As she turned around
Those chivalrous gesture quite poignant
Breeze saluting her vacant core
Thus torment and ache did occur.

As she turned around
With assurance of concealing the script
Ne'er to grin
Ne'er shall she loathe
For history so cruel
For history secluded.

She reeks of fondness and the lust
Those leaning, bury a must
Thereafter no bridge she dared
Just a souvenir as an ancient skin she was.



THE WORLD

-Chunumit Lepcha
C19DCI04

When the world around me keeps talking
About the miles and miles of road I have been walking
Just the sky, the trees
The flowers and the breeze
Why can't I let it go ?
When the world around me kept laughing
On the songs I had been writing
Just the layers of secrets helping
Why can't I let it go ?
When the world around me keeps watching
"My eyes my ears my body" as nothing
Just the weep I had to do
Why can't I let it go?
When the world around me keeps listening
No, I don't speak to feel burdened, I fear.
Just the parrots, the crows and the wind was fulfilling
Why can't I let it go ?
When the world around me keeps breathing
Awake I slept, the nightmares aware
Just for now I have to breathe
Why can't I let it go?
When the world around me falls crushing
The laughter, the joy, the soul in me rising
The world were on my shoulders then
And them within the layers and layers of secret I keep
This time I let it stay. This time I let it go.

Major projects being undertaken in Even sem 2022

1. Analysis of different Retrofitting materials.
2. Case study of landslide at Nandugaon, South Sikkim.
3. Comparative study of the characteristic strength of concrete mix containing various materials as aggregates.
4. Laboratory tests on locally available coarse aggregate.
5. To determine the quality of drinking water of various source of CCCT
6. Planning designing and estimation of indoor Badminton court.

Special Project: Designing lift for Administrative building, CCCT by the student with highest CGPA from each group in collaboration with

BALKAPSO, Sikkim.

-Mr. Nawneet Chettri

Project Coordinator

Jan-May 2022

AGGREGATES

Aggregate is granular material, such as sand, crushed stone, crushed hydraulic cement concrete , or it is also called inert material. It is also an aggregation of non-metallic minerals obtained in particular from and can be processed and used for civil and highway engineering construction.

It is mainly divided into two groups according to their size, as coarse aggregate which is material retained on 4.75 mm is sieve and the material passing through 4.75 mm is said to be fine aggregate. Those both fine aggregate and coarse aggregate are used in building and construction for mixing with cement bitumen, lime and gypsum to make concrete or mortar. It helps to provide volume, stability , resistance to wear or erosion, and many other derived properties to the final products. Most aggregate are extracted from mines. It adds strength to the overall composite materials.

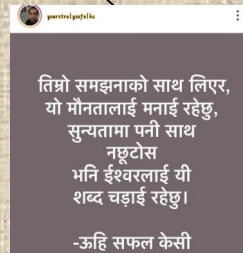
Aggregate should be clean, hardened free from observed chemical or coatings of clay and other fine material when added to cement for a good concrete mix without cleaning , aggregate can course the deterioration of concrete quality. There are various test done for both fine aggregate and coarse aggregate. For coarse we do sieve analysis, specific gravity, Flakiness, Elongation index, aggregate crushing value etc. for fine we can do water absorptions and moisture content , clay , suit content etc.

-Arati Sharma

C20D-CIL01

Result of Odd semester 2022

Year	Name of student	CGPA(10)
1st	Binay Rai	8.19
2nd	Hemant Gautam	8.55
3rd	Pradeep Pradhan	8.6



-Safal Khulal Chettri
Lecturer
CCCT

Role of teaching fraternity in combating the Corona pandemic

Never before had we seen a lockdown of such scale and magnitude, at least in our lifetime. Teaching profession was no doubt, at the forefront in adapting to the massive change caused by the pandemic. We had seen so many innovative means followed by the teachers to reach out to the student. Be it the video lectures, video links online classes, tests and assignment submissions, the teaching fraternity didn't shied away from its responsibilities. This wouldn't be a possibility if the students wouldn't have participated in this exercise. You indeed, cannot clap with one hand. We have to appreciate our students for their active participation. Moreover, online classes gave students an opportunity to justify their usage of phones and social media to their family. This put them in a position they never were but were always aspiring to be in, and that probably drove most of them to take up online activities with more zeal and vigour as compared to their offline regular classes. There was no doubt, a digital divide across the students of our region which became more than evident, during the lockdown. I believe it is our duty as the guardians of the future of our nation, to acknowledge this fact and accept that there is nothing they can do about it. This realization by student that their teacher is aware of their situation and has taken it into account may have gone a long way in providing them with the required confidence and mindset to overcome the anxiety and stress caused due to this extraordinary crisis.

It was our duty to enlighten our students about the crisis with facts and verified information over and above the subject matter. We had the responsibility to educate them on ways to avoid and prevent the spread of virus. We were the ones continuously in touch with most of them, if not all. We had to motivate them to further spread it in their family and locality. Most importantly, we had to act as a filter that prevented the disinformation and fake news from creeping into their lives and polluting their minds at this crucial hour. For that, we ourselves had to be well-informed beyond the scope of our subject. No doubt that this tremendously helped flatten the curve of transmission of corona virus in our nation and thus, around the world.

A clichéd statement yet very wise during these extraordinary times—"an empty mind is a devils workshop". We had to find ways to give students a purpose to achieve every two to three days, if not every day. Through some assignment, online tests; self study topics of their interest so on and so forth. Innovation was the key. This gave them a sense of achievement which was important now, more than ever. A statement of acknowledgement for their hard work by the faculty may have helped boost their confidence and keep them away from the perils of idle mind. "Never let a good crisis go to waste". This event indeed, gave us an opportunity and the push required to find ways to improve the overall standard of our teaching fraternity and learn to connect in a better, effective and efficient manner with our students. Our war is not yet over and winning it is not an option here, it is a must. This, I believe is our contribution to achieving that.



-Mr. Nawneet Chettri

Lecturer
CCCT



Words to ponder

What you do every day will dictate your future.
What you want out of life, you must put in.
If you want success, put it in there.

If you want health and fitness – put it in.
If you want peace, happiness – put it in.

Your actions equal your results. Successful people are successful because they FEED THEIR MIND every day. They feed their mind with SUCCESS. Just like a strong body needs the right nutrients to achieve peak condition, we need the right information and intake to achieve maximum success in any area of life.



-Ms. Sima Chettri
Guest Lecturer

CCCT, Chisopani

A Report on Plumbers' Training

The Department of Civil Engineering, CCCT Chisopani in collaboration with State Institute of Rural Development and Panchayati Raj (SIRD), Karfector, South Sikkim has been carrying out training workshop for the plumbers of Rural Development Department, Government of Sikkim since November 2021. The objective of this training is to equip trainees with basic practical and theoretical knowledge required for efficiently executing the water supply schemes sanctioned under Jal Jeevan Mission within the territory of Sikkim. So far, 71 Plumbers from different BAC's have completed their training in the campus. The training for the third batch is going on, in which 40 plumbers are being trained in the institute by the Department of Civil Engineering, CCCT.

The Plumbers are being trained under following faculty and staffs of Civil Engineering Department.

- 1.Mrs. Prashika Tamang, HoD (I/C), Civil Dept, CCCT
- 2.Mr. Phur Tshering Sherpa, Lecturer cum Coordinator
- 3.Mr. Safal Khulal Chettri, Lecturer
- 4.Mr. Nawneet Chettri, Lecturer
- 5.Mr. Pranesh Rai, Lab Instructor
- 6.Mr. Tejaswi Rahapal, Lab Instructor
- 7.Mr. Krishna Thapa, Support staff
- 8.Mr. Lal Bahadur Chettri, Support staff



This training program for the plumbers has given all the faculty and the staffs of CCCT a very unique experience. The credibility of the department has been elevated to next level. The Department of Civil Engineering would always be thankful to Prof (Dr) BB Pradhan, Director cum Principal SIST&CCCT, for arranging this training and giving an opportunity to our department for being a part of this wonderful initiative.

Mr. Phur Tshering Sherpa
Lecturer cum Coordinator
Plumbers' Training

CCCT, Chisopani



CCCT News



A Report of celebration of Constitution day

Dept. of Mechanical Engineering, CCCT Chisopani celebrated Samvidhan Diwas (Constitution Day) at CCCT campus on 26th November. The programme is graced by the presence of Principal, Vice Principal, Faculties and Staff.

The program started with the welcoming and felicitation of honorable guests. It was hosted by Ms. Prathista Sharma, Guest Lecturer, DME. This was followed by the lighting of diyas and a beautiful opening song by students. Then introductory speech is presented by Ms. Prawashika Pradhan followed by the reading of Preamble to the Constitution of India. The students were enlightened by some words of wisdom from Mr. Sameer Lamichaney (HOD, DME), Prof (Dr.) B.B. Pradhan (Principal Cum Director) and Mr. Anup Sarmah (Vice Principal) followed by the distribution of prizes for various competitive events organized in house on 23rd November 2021 (speech, essay writing, painting and slogan writing) .

The coordinator of the event Mr. Ugen Bhutia, Lecturer, DME delivered the vote of thanks. Before dispersing, all attendee of the event sang the National Anthem with pride and great enthusiasm. The program was a resounding success

CCCT News



A report on celebration of International Women's Day 2022

International Women's Day is observed each year on March 8 to promote women's rights and honor their accomplishments across the political, economic, social, and cultural spheres. This year the theme of the celebration is "Gender equality today for a sustainable tomorrow", an attempt to recognize women who are engaged in building a more sustainable society.

The CCCT family also celebrated International Women's Day through small gatherings. Even though it was a small surprise for the women faculty members and students, it was made an exclusive event for the women with the theme break free from complacency and empower women. Every life begins with a woman, so the program began with Mrs. Prerna Rai highlighting the events of the past.

Some senior faculty members subsequently motivated students with their words of wisdom and encouragement. It was reiterated "Respect and encourage every woman for what she is. Keep your face forward to the sun with pride and dignity. There is no force more powerful than a woman's determination to succeed". Mrs. Jyoti Chhetri, Mrs. Nima Donka, Mrs. Prashika Tamang, and Ms. Prathistha Sharma spoke on their behalf. As a final note, Mr. Bijoy Chhetri concluded the program with the phrase "Women, you are always loved and appreciated.". All of the staff and faculty members were present. for this wonderful event.

CCCT News



A report on Blood Donation Camp 2022

Red Ribbon Club CCCT, Chisopani in collaboration with Namchi blood bank under Sikkim State Aids Control Society (SSACS), organize a voluntary blood donation camp in CCCT campus today, a total of 97 units of blood were collected during the Camp.

The RRC has been functioning in CCCT, Chisopani since 2009. Blood Donation Camp is one of the activities under Red ribbon club CCCT which used to be organized every year but due to COVID- 19 pandemic college was closed and was not been able to continue for past two years. RRC CCCT, appreciates the voluntary participation of faculty, staff and students in the camp for donating the blood.

District Blood Bank, Namchi presented Letter of Appreciation to RRC CCCT and Ms. Kabita Nepal, Nodal officer RRC, CCCT for regularly organizing such camps



A report on participation in NCC camp 2022

CCCT Chisopani had deputed 25 no cadets of CCCT NCC for a 9 days long CATC-1 NCC camp at Kamrang , Namchi from 3.3.2022 to 12.3.2022. Out of 25 cadets participated , 12 cadets were from Senior Division girls (SW) and 13 cadets were from Senior Division boys (SD). Five cadets from second year had also appeared for B -Certificate exam of NCC during the camp rest were from 1st year. The Nodal Officer for NCC is Mr. Phur Tshering Sherpa, Lecturer, DCiE.

Hemant Gautam won Gold medal in extempore and a silver medal in volleyball in the competition held during the camp. Similarly, Pranita Manger won Gold medal in Volleyball and a Silver Medal in firing. The entire CCCT family would like to congratulate the participating students and the

The Good Engineer

- Shayal Chhetri

Listen up and you will hear,
Why I'm called an engineer.

I solve, I build, I invent,
I'd say my time is very well spent.

Want a home? I'll design it for you,
Want a new kind of bridge? I'll design it, too

I'm an innovative,
Understand the language of mathematics.
My life was Full of Volt, Newton, Pascal and Ampere,
I'll give my best to become a good engineer.



The Editorial team

Jan-May 2022

Photography wall

-Shayal Chhetri



*CCCT students after completion of their Winter
Industrial training at BALKAPSO, Gangtok*