

Mechbook



CCCT

Centre for Computers and Communication Technology, South Sikkim is popularly known as CCCT Chisopani (South Sikkim) is one of the top Government Polytechnic colleges in Sikkim.

INSTITUTE MISSION

To attain the status of "globally recognized Education and Training Institution" with multidimensional growth, by enlarging and delivering trainee and industry focused programmes and prepare the "most sought - after trainees" with enhanced core competencies as required by customer and society

INSTITUTE VISION

" Techno education For Global competence "





CENTER FOR COMPUTER AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING

MECHBOOK

MECHANICAL DEPARTMENT

Mechanical Engineering department at C.C.C.T. offers a Diploma in right from its beginning in 2019. The department has been focusing on high quality teaching along with integrated laboratory experience. Its strong and interactive curriculum and hand on learning will make the student capable of taking their career to the next level , whether it is in the professional engineering practice or in advance studies. Mechanical Engineering is concerned with the responsible department of products, processes, and power, at scales ranging from small to large and complex systems. Mechanical engineering principles and skills are involved at some stage during the conception , design , development , and manufacture of every human- made object with moving parts . Many innovations crucial to our future will have their roots in the world of mass, motion , forces, and energy -the world of MECHANICAL ENGINEERS. The department has highly qualified an experienced faculty the reflection in the portfolio of current activities in the department of Mechanical Engineering are Workshop , Fluid Mechanics Lab , Machine Shop , CAD/ CAM lab , Mini Project And Major Project etc..

VISION

Globally recognized as a center of excellence in mechanical engineering environment with focus in nurturing and developing ethics, values and practices for all round progress.

MISSION

Our mission is to provide industry ready and socially sensitive holistic mechanical engineer per excellence, able to add value to themselves, their family , their place or work as well as to the country under all conditions.

WORDS FROM HOD DESK



With the immense pleasure I would like to congratulate the entire Editorial team of "Mech-book " of our first Newsletter of the department of Mechanical. It is just the beginning of our new era where we are going to create a world of knowledge and wisdom.

Being a new department, yesterday it was our dream but today it has turn to reality to have a complete Mechanical Family. Your energy, hard work and sincerity is going to make this department as well as the institute a centre of excellence. I am very proud to have our first newsletter and hope that every year we fill it with new activities and achievement.

Mr. Sameer lamichaney

[HoD]

Department of Mechanical Engineering

CCCT Chisopani, S/Sikkim

WORDS FROM EDITORIAL TEAM

Dear Readers,

You have in your hand "Nostalgia- A Rewind", Mechanical departments' official newsletter "Machbook". It captures the momentous Journey of Department of Mechanical engineering CCCT over the past years. We have tried our best to make sure this memoir of Department helps you in recapitulating your eventful journey in CCCT. "Nostalgia" is a compilation of the immense effort put forward by the invincible students of our Department and is also a firsthand specimen of their infinite creativity. It tries to bind together each aspect of our Mechanical Family. This issue might be termed as a reminiscence of our 1st passing out batch's glory. This was another splendid year, with our students bringing laurels to the college in every possible spheres. Their achievements were so vivid that our effort to include their accomplishment in our issue was almost an impossible task. Isn't it rightly said, "A flower makes no garland." Thus this Mechbook is not the outcome of the effort put in by an individual, but is the immense effort put forward by the entire Mechanical department led by our HoD, Sameer Lamichaney, the Editorial Board- Prathistha Sharma Lecturer, Department of Mechanical engineering , Thendup Lepcha , Passang Choda Sherpa and Smity Gurung-Students of the department, all faculty, staff and fellow CCCTians. This is just a small tribute by department to the institute. We apologize for shortcoming and hope you will cherish our efforts. Happy nostalgia and 'AU REVOIR' Mechanical 1st passing out batch.



The Editorial-Prathistha Sharma

WORDS FROM TEACHER'S

It is only after leaving the college that one really appreciates the feeling of having been a part of the college. This general feeling of "belonging", of being wanted, is so necessary to our happiness; and here in our department now we seems to take every aspect of education seriously, whether we are a part of a sports team, class or club, or, yes, even a part of Mechanical family.

Establish your college and your department in your heart and in your minds so that it can be something which you can really be proud.

Some people believe, and develop a plan;
 Some people doubt, never think that they can;
 Some people face hurdles and give it their best;
 Some people back down when faced with a test.
 We all have a choice, we all have a say;
 We are spectators in life, or we get in and play;
 Whichever we choose, how we handle life's game
 The choice are ours, no one else is to be blame.

[BIC] of batch 2020

Department of mechanical engineering

Miss , Prathista Sharma



Mechanical engineering being the one of the best.
 The scope of field lies in every aspect of engineering.
 Being Mechanical engineer ,what I believe that everything can be achieved with discipline and hard work and positive attitude.

[BIC] of batch 2021

Department of mechanical engineering

Mr . Vikash Mainali



I extend my heartiest wishes to our branch on the publication of the newsletter MECHBOOK. Through this Newsletter I want to give message to my dear children that

"TIME CAN BE YOUR BEST FRIEND AND YOUR WORST ENEMY DEPENDING ON WHETHER YOU USE IT OR WASTE IT

THANK YOU

ADRASH CHETTERI



MY PUBLICATION

1. First is the Journal in `` **International Journal of Mechanical and Production Engineering**, ISSN(p): 2320-2092, ISSN(e): 2321-2071, Volume- 7, Issue-1, Jan.-2019, <http://iraj.in>". As the co-author.

2. Second is the article in the Elsevier publication under Encyclopedia of Renewable and Sustainable Materials "**Clean Energy Technologies: Hydrogen Power and Fuel Cells** doi:10.1016/B978-0-12-803581-8.11040-9. As the first author.

3. Third is the article in the Elsevier publication under Encyclopedia of Renewable and Sustainable Materials "**Quality of Environment and Clean Manufacturing**". doi:10.1016/B978-0-12-803581-8.11027-6. As the first author.

Mr. Sameer lamichaney [HoD] of Mechanical department

I congratulate the entire Editorial team of "Mech-book"

For our first Newsletter of the department of Mechanical

Every beginning is the starting secret of getting ahead

[BIC] of 2019 batch mechanical Department

~Bal Krishna Chettri



*Without patience ,
nothing great can be
achieved*

MOTHER

She is the only person in our life who loves us without looking us, without knowing us. She is the most prepossessing woman in the world, not by beauty but by heart. Her love is so virtuous and true. The life that we are living is all because of her, she could have aborted us instead of bearing those dreadful pain. But she let us into this beautiful world to live to the fullest. We call her MOTHER. So never make you mother cry.

To all the Loving Mothers

-Smriti Gurung

All good things are wild and free"

-Abhinam Rai

"Live the Life You Love
Love the Life You Live"

Bob Marley

*Bir Badahur Chettri



NCC CCCT, Chisopani:



NCC CCCT, Chisopani: CCCT Chisopani had deputed 10 no cadets of CCCT NCC for a 10 days long CATC-1 NCC camp at Kamrang , Namchi from 4/05/2022 to 13/05/2022

Out of 10 cadets participated , 10 cadets were from Senior Division girls (SW) .

In the camp,from 1 year girls had won Gold medal in volleyball and also a silver medal in volleyball in the competition held during the camp similarly.

The entire CCCT family would like to congratulate the participating students and also to the winners in various events.

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. Today, 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. Purna 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. Pratistha 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

C.C.C.T- Polytechnic Annual Sports Meet 2022:



C.C.C.T- Polytechnic concludes sports Meet 2022

On the 9th of May, CCCT celebrated the Annual Sports Meet, 2022. The magnificent sports extravaganza was graced with the presence of Honourable Minister, Power and Labour Deptt., Shri. M.N Sherpa, Area Incharge (Poklok-Kamrang) cum Chairman (Urban Development Deptt.) Shri. K.B. Rai and President of Sikkim Cricket Association Shri Lobzang G. Tenzing along with other officials and dignitaries from various departments. The day marked the grand closure of a one month long sports event which was celebrated with great fervor and wherein the students manifested their athletic skills.

The guests were also taken in for a visit of the academic block wherein students displayed impressive projects, the likes of which definitely took everyone by surprise.

Two sporting events were particularly saved for the day, the badminton doubles final and the TT men's final.

Besides this the next visual treat was presented by students with their spectrum coloured dances and songs. The highlight of the event was felicitation of officials from Power Department Shri Bikash Rai (DE, Namthang), Pranay Karki (DE, Namchi), Namgyal Tashi (DE, Gangtok), Moses Pradhan (AE, Sombaria), Ramesh Pradhan (DE, Jorethang) and Sonam Karthok (AE, Namchi), PHE department and Satyen Kr Pradhan (ADC, Namchi), and the felicitation of the support staff group for rendering selfless service to the institute. The winners of various events in the one month long sporting event were also awarded medals and trophies.





WINNERS OF SPORTS WEEKS MECHANICAL DEPARTMENT

Sl no	Participants	Achievements
1	Tug of War Boys [Team]	Gold
2	Tug of War Girls [Team]	Silver
3	Pramod chettri, Badminton [Single]	Gold
4	Preeya Rai & Prawashika Pradhan Badminton [Duo]	Silver
5	Volleyball [Team]	Bronze
6	Football [Team]	Silver
7	Amon Pradhan [100m race]	Bronze
8	Disha Tamang [Short put]	Silver



Rope out program 2022:



Rope out program 2022: 26th, March 2022 CCCT Chisopani organised a day long programme on "Rope out" for final year students' at MP Hall of the institution.

The aims of the programme were to provide direction to final year students for further studies and placements and also to enable the students with Soft skills and interview skills.

The programme started with a general introduction of Rope out program its aims and objective by Mr. Phur Tshering Sherpa. The main attraction of the program was the lecture by Mr. Subhrajit Das, DGM, FES, NTPC Jorethang on "Diploma engineers in public sector undertaking." where in Mr. Das has guided the students how to get employment in different public sector undertakings as Diploma pass outs. Mr. Anup Sarmah Vice-Principal, CCCT speak about the " Professional ethics for Engineers". Ms. Norkila Bhutia, TNP coordinator, CCCT on behalf of the institution and organising body extended heartfelt gratitude and thanks to all of the speakers, support staffs and the participating students. This signifies the begining of placement session for 2022. The programe today is first of it's kind and the training and placement cell, CCCT to organise more similar events covering different in this placement session.



CLASS TOPPERS

2021 batch:

1ST YEAR, 1ST SEM : SASHI SAKER SHARMA - 8.08 CGPA

2020 BATCH:

1ST YEAR, 1ST SEM : TAPAN CHAUDHARY- 8.00 CGPA

1ST YEAR, 2ND SEM : PRAMOD CHETTRI - 8.06 CGPA

2ND YEAR, 1ST SEM : PRABAT RAI - 8.82 CGPA

2019 BATCH:

1ST YEAR, 1ST SEM : PRANAY RAI - 7.65 CGPA

1ST YEAR, 2ND SEM : SYAM KUMAR SHARMA & NISHAL CHETTRI - 7.80 CGPA

2ND YEAR, 1ST SEM : BIR BAHADUR CHETTRI - 8.36 CGPA

2ND YEAR, 2ND SEM : SUJAN SHARMA - 8.96 CGPA

3RD YEAR, 1ST SEM : SUMI HANG LIMBOO: 8.70 CGPA

Skmpoly.edu.in/ccct/

Visit to ATTC polytechnic





Myself Subham Subba, Branch DME 3 rd year,

Here my article goes about Dancing because it's my hobby an always loved to dance through the music which we feel when we hear it. I dance all the way since 2016, and it's been 6 years I am still in love wit dancing and the only talent I have is Dance . We dance with discipline as well as from heart. It's always been so charming an happiness cause dancing brings joy n brotherhood as we get new friends an groups from dance circles. DANCE stands for Discipline Attitude New Confidence and Expression. I have done many auditions but cause of COVID we cannot go abroad but there is a saying called as ' There is always a next time ' and for all the success and what u wanna become depends on us and never giving up on our dreams.

NEVER GIVE UP

Never give up
Its always just a luck
Remember to give it a try
Even if you are feeling low or high

If you get it wrong first time
Always put your self back in line
If you feel like your never
Its never quit the end
Winners never quit
Quieter never win
The rule is never give in
-Amosh Subba
Mechanical second year

“THE SUCCESSFUL WARRIOR IS THE
AVERAGE MAN , WITH LASER-LIKE
FOCUS “

*Success is not final; failure
is not fatal; it is the courage
to continue that counts*

Constitution Day



CCCT Chisopani celebrated Samvidhan Diwas (Constitution Day) at CCCT campus on 26th November. The pregame is graced by the presence of

The Principal, Vice – Principal, Senior ADM, teaching and non – teaching staff, safai karmacharis and all the 1st and 2nd year students. All the 3rd year students were deeply missed.

The program started with the welcoming and felicitation of honourable guests. 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 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



SURVEY REPORT

After each test, does your teacher help you in understanding ways to improve your grade?

The results after 27 votes:

- Yes
70.37% (19)
- Maybe
25.93% (7)
- No
3.70% (1)

What do you prefer to watch?

The results after 25 votes:

- Hollywood movie
56.00% (14)
- South Indian movies
36.00% (9)
- Bollywood movie
8.00% (2)

How many hours a day do you spend on social media



- The results after 26 votes:
- 1-2 hour
61.54% (16)
 - 2-5 hours
23.08% (6)
 - 5-8 hours
11.54% (3)

- I don't use any social media
3.85% (1)

Does your teacher guide you in setting personal targets and developing strategies to achieve target?

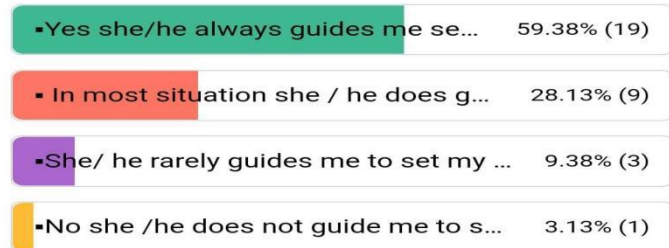
The results after 32 votes:

- Yes she/he always guides me se...
59.38% (19)
- In most situation she/he does g...
28.13% (9)
- She/ he rarely guides me to set my ...
9.38% (3)
- No she/he does not guide me to s...
3.13% (1)

1. Does your teacher guide you in setting personal targets and developing strategies to achieve target?

by a guest · 3 days ago

The results after 32 votes:



2. After each test, does your teacher help you in understanding ways to improve your grade?

by a guest · 3 days ago

The results after 27 votes:



FAREWELL 2022



It was 12th May 2022 on MPH , the farewell party for 3rd year students of Mechanical Engineering was organized. All the junior students of the department along with all the teachers were present . The farewell hall was beautifully decorated but there were somewhere the waves of emotions clinging everyone .

The farewell event was organized by the 2nd , 1st and the teachers of Mechanical Department. They made all the arrangements so well that the 3rd year students were blow away by their hard work and dedication towards them. Program started by first showing there memorable video on the project which was the heart touching moment not only to final year but for all those who were present in the hall. There were conduction of events like dancing, singing, rapping..etc. Speeches from Sameer sir and Vikash sir was hearttouching . Cake cutting along with soviner to final year was given by teachers.

Later after all the stage events were done DJ night were arranged everyone danced to there fullest, clicked photos for memories. It was so much fun, wish we could had more time.

Last but not the least final years enjoyed the delicious meal of the evening together. After all this delightful evening was ended and everyone wished a good night to eachother.



MECHANICAL DEPARTMENT 1ST YEAR



2ND YEAR



3RD YEAR

