EDUCATION TOUR FROM DIFFERENT SCHOOL-2016

Various IT student visited CCCT this year (2016) from different Schools, the list of schools are below :

1. GOVT.SENIOR SECOMDARY SCHOOL,TEMI (SOUTH SIKKIM)
2. GOVT.GIRLS SR.SEC.SCHOOL GYALSHING (WEST SIKKIM)
3. GOVT.SENIOR SECONDARY SCHOOL, JORTHANG (SOUTH SIKKIM)
4. GOVT.SENIOR SECONDARY SCHOOL,CHAKUNG (WEST SIKKIM)
5. GOVT.SENIOR SECONDARY SCHOOL, DENTAM (WEST SIKKIM)
6. GOVT.SENIOR SECONDARY SCHOOL ,KALUK (WEST SIKKIM)

The following are the events and topics that were showcased:

- Campus visit (visit of different labs and other infrasture)
- Internal and external part of computer
- Basic of computer networking
- Arduino
- Basic of c programming or the basic of HTML
- Basic of Ethical Hacking
- A brief notice about CCCT admission and various department were highlighted during meet.

Many discussion and question were done. Therefore the program was concluded interactive and advantages for the student, according to the feedback collected from the student in the end.
The student were counselled by Mr. Tshering Bhutia regarding the present trends of technical education in India and the need to pursue technical education for the better security of job and other avenues.

CO-ORDINATOR
Miss Neha Thapa-trainee
&2nd year CST students

COURSE-IN-CHARGE
Arvind Lal- Sr. Lecturer, CST

Latest Gadget Oculus Rift

The Oculus Rift is a virtual reality headset developed and manufactured by Oculus VR, released on March 28, 2016.
The Rift has a stereoscopic OLED display, 1080×1200 resolution per eye, a 90 Hz refresh rate, and 110 field of view.. It has integrated head-phones which provide a 3D audio effect, rotational and positional tracking. The positional tracking system, called "Constellation", is performed by a USB stationary infrared sensor that is picking up light that is emitted by IR LEDs that are integrated into the head-mounted display. The sensor normally sits on the user's desk. This creates 3D space, allowing for the user to use the Rift while sitting, standing, or walking around the same room.

Non-Gaming uses:
 -Media
 -Social
 -Industrial
 -Television
 -Sports

the Coders

November Edition

What's Inside ?

EVENTS CONDUCTED

1. Celebration of Annual Day
2. Engineer's Day
3. Education Tour
4. ISTE Inaguration

UPCOMING EVENTS

1. ODD EXAM
2. Vth Sem Implant Training
3. Winter Vacation

"Success is focusing the full power of all you are on what you have a burning desire to achieve"
-Wilfred Peterson

Our Department of Computer Science have something to say.

Our College

Vision
Techno Education for Global Competence

Mission
To attain the status of "globally recognised 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.

Quality Policy
The institute is committed to provide Technical education using the latest technology with continual improvement.
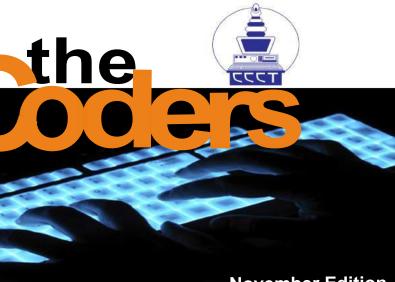
Quality Objective
i. To impart employable skills to the youth.
ii. To have a holistic approach in skill, knowledge and attitudinal development in a systematic manner.

iii. To assess the performance of trainees by continuous monitoring.
iv. To keep pace with technological development and update the curriculum, manpower and infrastructure suitably.
v. To ensure discipline, cleanliness and proper housekeeping.

Our Department

Vision
To attained excellence in the field of computer science and technology.

Mission
M1: To provide knowledge in the field of Computer Science & Technology.
M2: To provide appropriate assistance that meets the need of the present and emerging computing technologies in Computer Science and Technology.
M3: To provide hands-on practical knowledge for growing professional in the field of computer science by engaging them in self-learning process with analytical and logical reasoning.

About Diploma in Computer Science & Technology

Rationale of the Program:
This program has been reviewed with the intention of making it competetive while maintaining the high standards. With the courses offered, the trainees should become highly competetive in the job market and at the same time become independent in career choices.
Target Groups:
The aim of the diploma course is to provide students with a wide range of technological skills required in the industry.
Program Specific Objectives:
Objectives include:-
i. An ability to analyze & design software products.

ii. Will attain ability to develop, test and enhance software applications.
iii. Will attain ability to install system and application software.
iv. Will attain ability to troubleshoot network in case of problems and service systems in case of failures.

PEOs

PEO1: Employable: Computer Science & Technology under-graduates will be capable to apply their knowledge and skills to succeed in solving Engineering problems.

PEO2: Professionalism:
Our under-graduates will exhibit the ability to function ethically and responsibly. They will remain informed and involved as full participants in their profession to uplift the societal status.

PEO3: Inter-Disciplinary:
Computer Science & Technology under-graduate will function successfully as team member / leader in multi-disciplinary teams.

PEO4: Continuous learning:
Our under-graduates will be capable to apply engineering principles with computational knowledge for successful completion of IT related engineering projects by exploiting the state-of-the-art technological innovations.

PEO5: Projects
To inculcate group work and team management skills with cross-cultural etiquette, promoting knowledge, transfer leading to conceptualization and delivery of projects with varied complexity.

CELEBRATIONS

TEACHER'S DAY
On 5th September the student of CCCT had celebrated the TEACHER DAY .
On that day many student actively participated in this event.
The gift was also distributed to the teacher.
CHILDREN'S DAY
On the 14th November teacher of CCCT organized a small event in the morning assembly which induced cutting of cake.

MOMENTS

INNOVATION TOPIC
(Air Selfie)

Instead of extending your arm or using a selfie stick to snap shots of you and your crew, you could use a new pocket-size drone — dubbed the "AirSelfie" to help you remotely capture aerial photos and videos. The AirSelfie is equipped with a 5-megapixel camera that can shoot full high-definition (HD) 1080p video, as well as a 4GB microSD card. The AirSelfie is controlled via a free iOS or Android app. The app can make the drone take off; adjust its height and direction; let it hover autonomously; and help users take an HD aerial shot or video with just a push of a button. The AirSelfie is the brainchild of Italian entrepreneur Edoardo Stroppiana.

The company said it developed a fully functioning prototype in August. On Nov. 17, the company launched a Kickstarter campaign to make the AirSelfie available via preorder, and it met its $47,714 goal in less than three days. The campaign, which is scheduled to end December 24, has raised more than $500,000.

Research Paper Publication

Research paper has been published by the following groups from DCST 2013 Batch in the following topics.

1.An overview on Linux distribution as future OS
Group members: 1.Arvind Lal 2. Neha Thapa 3.Ravi Kr. Prasad 4. Abhimanyu Sharma 5. Bhuwan Mukia. Published in the **IJSER** journal.

2.Result Management System:
Group members: 1.Bijoy Chettri 2. Sanjay Sharma 3. Zarmit Lepcha 4. Bhibak Sharma 5. Nischal manger. Published in the **IJETT** journal.

3. Android Biggest Security Flaws:
Group Members: 1. Prajwal Kharel 2. Vivek Subedi 3. Badal Sharma 4. Abinash Gurung 5. Krishna Sharma.Published in the **IJSRSCE** journal.

4. A technique to hide information within image file for secure transmission:
Group members: 1. Rajiv Sharma 2. Anup Pradhan 3. Anita Khanal 4. Mingur Namgyal Gurung 5. Rinchen Doma Bhutia. in the **IOSR** journal.

5.Library Management System based on android
Group members: 1. Tshering Bhutia 2. Anurag Sharma 3. Bikash Kr. Shukla 4. Mitesh Mukhia 5. Shabaz Faizi. Published in the **IJCSE** journal.

NIT TOUR

On 11th of September teachers and selected students from different departments CCCT were taken to NIT, Ravangla for educationnal tour. The tour was held for 2 days. This tour elaborated on IOT(Internet Of Things) and Staad Pro.

Students of DCST,DEE and DENC were taught about IOT where they were they came to know about arduino board and how they can to do internet of things using this board. Arduino board is generally a re programmable board where we write program using a software and upload it to the board to implement the program.

They wer also taught about various sensors and to implement it using arduino board. Sudents of DCIE learned about the software "Staad Pro" where they could do the designing of building in a more simplified way than Auto Cad.Staad Pro is a software where we can do building designing.

ENGINEER'S DAY

10th of September students of CCCT witnessed the celebration of engineers day, where diferent trades held up different competition .

DCIE organized song comptition where students from different trades participated in it.
DEE organized painting competition where the talents of the students were highly appretiaed.
DCST organised gaming competition which included "DOTA" and "mini militia". The competition showed the gaming talents of the students.

The college as a whole organized a science exhibition on technical topics. Students bought up innovative models like smart city, brick bond and various other models. DCIE 3rd sem won the competition on the model brick bond which was completely newly and fresh idea .

ANNUAL DAY CELEBRATION (2016)

From 27th october, CCCT had organised annual function for 2 days. The function included various events and activities where students participated actively. Quiz competition were held up where diferent schools and college came to participate in it.

Battle of Bands was held in which five of the bands from different areas participated. The judges for the Battle of Bands were Devanth Sampang,Saharb Khan and Thupden Bhutia who were the guest band for the show.The name of the participatingbands were:

(i) Eleventh hour(CCCT)
(ii) Revenge(Chisopani)
(iii)Faith Devoted(ATTC)
(iv) East Point School(winner)
(v) Rock My Pony(CCCT)

After battle of bands fashon show was held where students of CCCT put up good show. Students and other audiences appretiated the show which seemed enjoyable.The day was called of to an end with a night show by the guest band "And Beyond".

On the second day the director and SDM came to visit CCCT. Science exibition was organized by the students of CCCT which drew up various innovative ideas of students among the directors. There was a program in the Multipurpose hall(MPH). The program included group song and dance by the students. The main attraction of the program was "Khukuri Dance" which emphatisized on the bravery of the Nepali solders.The final event of annual day was award ceremony in which students and teachers were awarded on different categories. The award was given on best teacher, best student and various other Categories.

The annual day was a refreshment for students right before exams and from hectic acadamic activities. At the end of annual day students seemed re-energized to prepare for exams with a fresh and strong mind.