



DEPARTMENT OF COMPUTER ENGINEERING

Volume 1 Issue XVI

NEWS LETTER

November 2019

MISSION

To Provide Quality Technical Education At National And International Levels.

VISION

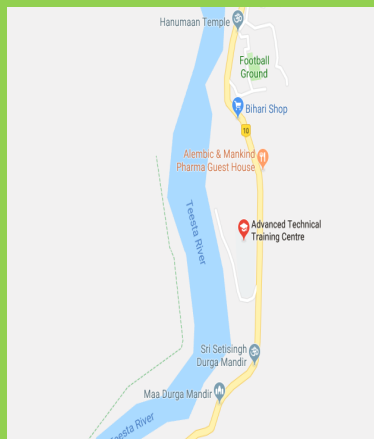
Excellence In Technical Education.

MISSION OF THE DEPARTMENT

M1: *To provide Sound technical foundation in the Computer Engineering field through comprehensive curriculum and application oriented learning.*

M2: *To upgrade and maintain facilities for quality learning environment in order to meet the ever changing demands of modern technology.*

M3: *To provide competent diploma holders having creative skills and ethical values with strong leadership qualities to aid the society.*



EDITORIAL TEAM

1. Pragya Pradhan (Lecturer)
2. Robhas Sharma (A17DCE21)
3. Saurav Dutraj (A17DCE22)
4. Nischal Sharma (A17DCE15)

EVENTS

1. NATIONAL SPORTS DAY
2. TEACHER'S DAY
3. PARENTS TEACHER MEET
4. WORLD SUICIDE PREVENTION DAY
5. VILLAGE CAMP

PEO'S

1. Learn and Integrate: *Students will be able to identify, formulate and solve computing problems by applying their knowledge of mathematics, computer science, and scientific method.*

2. Think and Create: *Students will be able to model, design, implement and verify a computing system to meet specified requirements.*

3. Communicate: *Students will be capable of communicating effectively with team members, and working cooperatively, creatively, and responsibly as a member of a team.*

4. Clarify Purpose and Perspective: *Students will be aware of the benefits of developing their understanding and professional capabilities through lifelong learning.*

NATIONAL SPORTS DAY

Prime Minister Shri Narendra Modi launched Fit India Movement through a live telecast today i.e 29th August 2019. The students of ATTC were made aware of this program through a live telecast show, organized by the NSS team of ATTC, NSS volunteers among students and NSS adopted village members in the college auditorium and were coordinated by Mrs.Srijana Rai. The occasion was graced by the Principal of ATTC, Mr. Sonam Palden Barfungpa and the guest of honour, Mr. Ganesh Chettri, Yoga Instructor from Patanjali Yoga Organization, along with ATTC faculty members and student NSS volunteers.



The Principal also announced the formation of Green Club of NSS, ATTC during this event. After the PM's inaugural function, a small yoga session was arranged for a group of students and teachers. The students as well as teachers also actively partici-



MOBILE COMPUTING

Mobile computing is a human-computer interaction in which, a computer is expected to be transported during normal usage, which allows for transmission of data, voice and video. Mobile computing involves mobile communication, mobile hardware, and mobile software. Communication issues include ad hoc networks and infrastructure networks as well as communication properties, protocols, data formats and concrete technologies. Hardware includes mobile devices or device components. Mobile software deals with the characteristics and requirements of mobile applications.



NEW RELEASE...!

iPhone 11 and iPhone 11 Pro are here and while they are generating a lot of buzz around the world, there has been an unintended consequence of Apple's new camera design. Several online reports as well as social media posts note that people with "Typophobia", a fear of clustered patterns of irregular holes or bumps, are finding Apple's new triple camera design in the iPhone 11 Pro and iPhone 11 Pro Max "triggering".

TEACHER'S DAY

Teacher's Day is a special day dedicated to all teachers celebrated every year to honor the teachers and appreciate their special contributions towards education. In India Teachers Day is celebrated every year on 5th September on the birth anniversary of Dr. Sarvepalli Radhakrishnan.

Dr. S. Radhakrishnan was very popular among his students and was highly honored and respected. Hence, Teachers Day is observed to celebrate the contributions of a teacher to the society and the nation. The day is observed with much joy by the students, who organize several events to entertain their teachers. Students give gifts to the teachers, sing songs for them, felicitate them and do lots of similar things to show their love and respect.

Hence, the students of ATTC also celebrated teachers day and organized a cultural function with many students taking part and showcasing their talents. A lot of performances were made by the students and also a lot of games were organized to be played by



ARTIFICIAL INTELLIGENCE

Artificial Intelligence, or AI, has already received a lot of buzz in recent years, but it continues to be a trend to watch because its effects on how we live, work and play are only in the early stages. In addition, other branches of AI have developed, including Machine Learning, which we will go into below. AI refers to computers systems built to mimic human intelligence and perform tasks such as recognition of images, speech or patterns, and decision making. AI can do these tasks faster and more accurately than humans.



THOUGHTS

If a child can't learn the way we teach, maybe we should teach the way they learn.

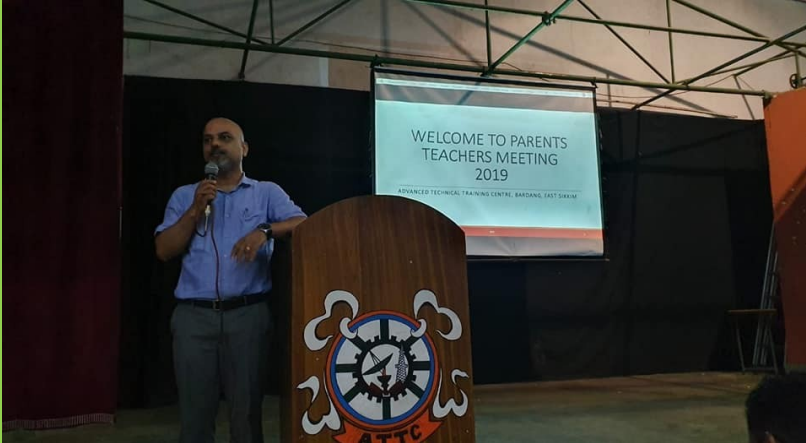
~ Dr. S. Radhakrishnan.



PARENTS-TEACHERS MEET

ATTC conducted a Parents Teacher Meet on 8th of September 2019 (Sunday) for Odd semester 2019.

Test performance of students, software demonstration for online attendance checking, etc. and parent’s feedback were discussed during the meetings followed by individual counseling of parents for respective departments.



QUOTES

“It’s fine to celebrate success, but it is more important to heed the lessons of failure.” ~Bill Gates



R PROGRAMMING LANGUAGE

The R programming language is an open source scripting language for predictive analytics and data visualization.

The initial version of R was released in 1995 to allow academic statisticians and others with sophisticated programming skills to perform complex data statistical analysis and display the results in any of a multitude of visual graphics. The "R" name is derived from the first letter of the names of its two developers, Ross Ihaka and Robert Gentleman, who were associated with the University of Auckland at the time.



TECH TALKS

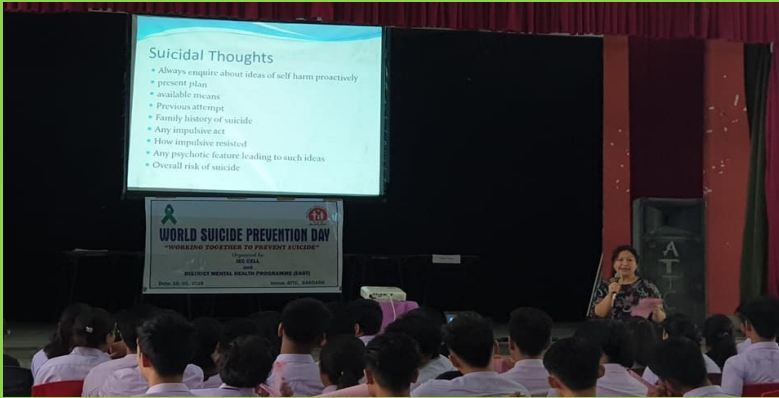
Objects can now change colors like chameleon

Computer Science and Artificial Intelligence Laboratory team creates new reprogrammable ink that lets objects change colors using light.

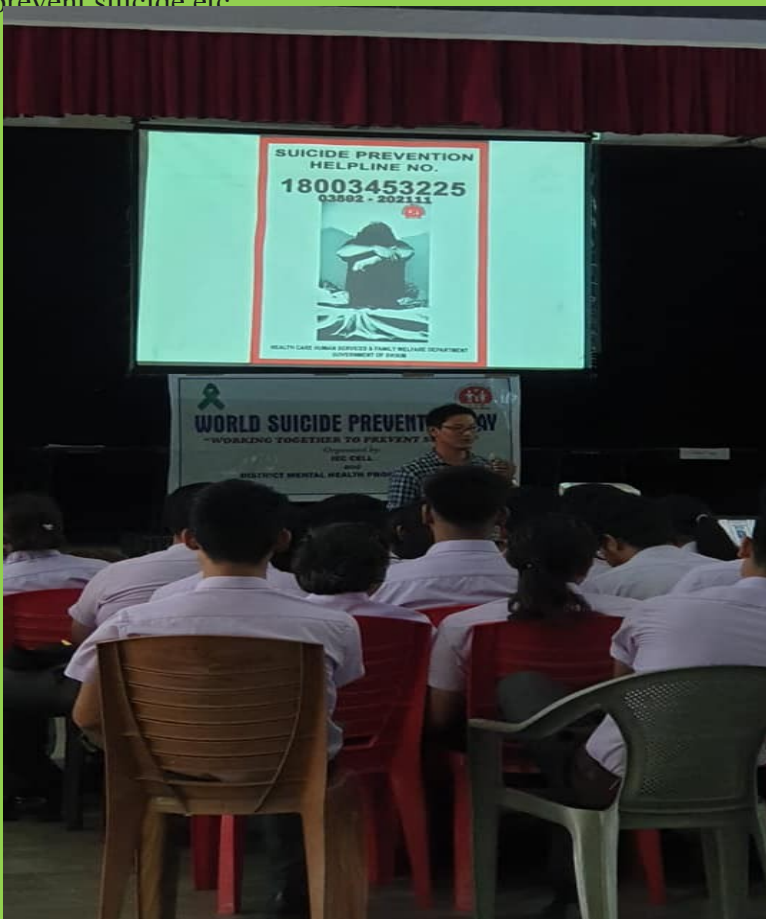


WORLD SUICIDE PREVENTION DAY

World Suicide Prevention Day was observed at ATTC on 10th of September 2019:



Presentations were given by Dr. Deki Wangmu Phempu, District Nodal Officer, Singtam District Hospital, Dept. of Health Care, Human Service & Family Welfare, Singtam, East Sikkim, Mr. Passang Sherpa, DEHO, Ms. Pinkey Bhutia, Counsellor, Ms. Sonam P Tongden, Psychologist and Mrs. Doma Bhutia, ASHA, to the students of ATTC on suicidal thoughts and coming together to prevent suicide etc



MACHINE LEARNING

Machine learning predicts behavior of biological circuits.

Neural networks cut modeling times of complex biological circuits to enable new insights into their inner workings.

Biomedical engineers have devised a machine learning approach to modeling the interactions between complex variables in engineered bacteria that would otherwise be too cumbersome to predict. Their algorithms are generalizable to many kinds of biological



ARTICLE ON EYE TRIBE

The Eye Tribe software enables eye control on mobile devices, allowing hands-free navigation of websites and apps, including eye activated login, enhanced gaming experiences and cloud-based user engagement analytics. The Eye Tribe intends to become the leading provider of eye control technology for mass market consumer devices by licensing the technology to manufacturers

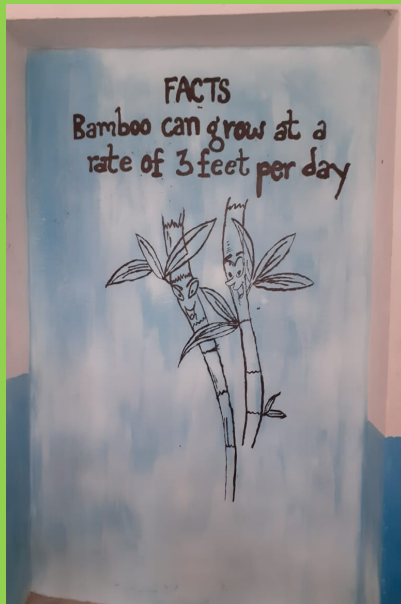
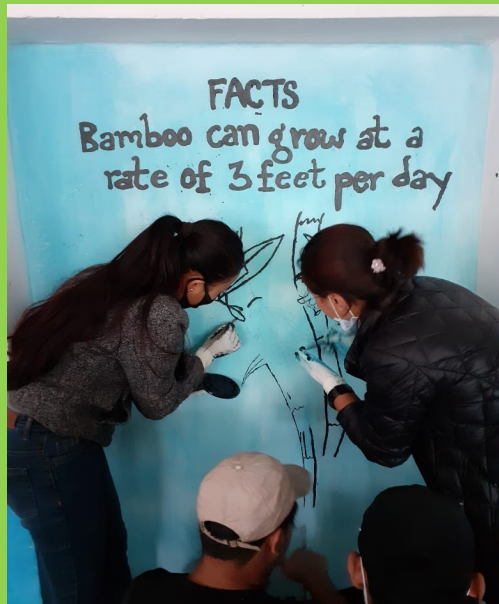


VILLAGE CAMP

The village camp for DCE final year was scheduled from 23rd to 25th of September and the venue for the event was Lachung Secondary school. The main objective of the village camp was to visit a remote area and contribute a little help to the institutes over there. Some of the students painted the walls and decorated the walls with quotes while few others painted the blackboard. They also conducted a presentation on "Smart education" and "Personal Hygiene" and also demonstrated some of the personal hygiene steps that needs to be followed for a healthy lifestyle. They also carried out quizzes, extempore competition and provided gifts to the students. Students of ATTC also distributed some fruits like apples and bananas to he students of Lachung school during their lunch break. Adding on, they also repaired the computer systems and the servers of their computer lab. Lastly, they conducted a 5S activity



Wall Painting



Group Photo

5S

