



“LITE” Technical Exhibition 2019

Kantipur Engineering College organized a one-day LITE Inter-College Technical Exhibition on 6th February, 2019 at the college premises. LITE stands for Learning and Innovating Technology for Enhancement and is an annual event of the college that aims to enhance the knowledge of the students in the practical problems outside the core curricular activities.

The exhibition was inaugurated by Prof. Ramchandra Sapkota, Dean of Institute of Engineering, TU. The exhibition included Civil Project/Model Competition, Software Competition, Hardware Competition and Tech Quiz Competition. In the exhibition total number of 78 projects were displayed by the students of ten reputed engineering colleges of Nepal. Most of the Civil Projects/Models highlighted current issues in the field of transportation, water supply and waste water treatment, earthquake resistant design,

urban planning, hydropower development and irrigation. Similarly, the students developed various Software and Hardware models applicable in the academic as well as daily life scenario such as system development and robotics.

The winners of the exhibitions were awarded with certificates and prize money in the closing ceremony, which was chaired by Dr. Er. Tara Prasad Pokhrel, Chairman of

College Management Committee, KEC. Er. Dilli Raman Niraula, Chairman of Nepal Engineering Council was the Chief Guest of the ceremony. Prof. Er. Dr. Tri Ratna Bajracharya, President of Nepal Engineers’ Association; Prof. Dr. Rameshwar Adhikari, Executive Director of RECAST; Dr. Rabindra Dhakal, Chief of Faculty of Technology NAST; and Principals of Engineering Colleges were the distinguished guests of the ceremony.



KEC Conference 2018

With the theme of “Enhancing Research Ability of Engineering Students” Kantipur Engineering College organized a one day KEC Conference 2018 on Engineering and Technology on 27th September at the college premises. The conference was inaugurated by Prof. Dr. Tri Ratna Bajracharya, Dean of the Institute of Engineering, TU and Chief Guest of the ceremony and Er. Rameshwar Rijal, Principal of the college chaired the opening ceremony. Dr. Deepak Kumar Khadka, Research Director of University Grants Commission was the special guest for the ceremony. The 1st KEC Conference Proceedings Volume 1 was inaugurated during the ceremony.

Twenty papers from Tribhuvan University, Kathmandu University, Wuhan University,

Hokkaido University and research centers were published in the conference proceedings. There was also a special presentation by Dr. How Tion Puay of River Engineering and Drainage Research Centre (REDAC), Engineering Campus, Universiti Sains Malaysia (USM), Malaysia on Topic “Sustainable Urban Drainage System” during the conference. Among them sixteen papers were presented in three parallel run sessions. The three sessions were Session I (Civil and Mechanical Engineering), Session II (Electronics and Electrical Engineering) and Session III (Computer Engineering). The three sessions were chaired by Dr. Vishnu Prasad Pandey, Young Scientist of the Year 2014; Prof. Dr. Dinesh Kumar Sharma, Institute of Engineering, Tribhuvan University; and Prof. Dr. Manish Pokhrel, Kathmandu University, respectively. Three best papers, one from each session were awarded during the closing ceremony.

The awarded papers were: Session I-*Study on Alternative Materials Used for Interlocking Compressed Stabilized Earth Blocks (ICSEB)*; Session II- *Smart Glove for Sign Language Translation using Arduino*; and Session III- *A Secure and Effective Pattern-Based Steganographic Method in Coloured JPEG Images*.

The chief guest for the closing ceremony was Er. Dilli Raman Niraula, Chairman of Nepal Engineering Council.



EDITORIAL

We are enthralled to come up with another edition of our regular newsletter. We are more than happy to showcase the achievement of our students in every sector of education. It gives us immense pride to know that our students possess true potential and the achievements of the students will also inspire other students to excel in their lives. We hope that this edition serves as a bridge that links students with the college regarding their accomplishments. We focus on innovation and creativity, which is clearly shown in the projects that students undertake. Along with the national and international participation in major competitions, we regularly organize local programs like the LITE Technical Exhibition which serves as major platform for students to showcase talent that strengthen them as a competent engineer in future. We thank our sponsors specially Broadway Infosys for their generous support. The enormous curiosity shown by the experts and some outstanding figures such as ministers, foreign ambassadors by showing their significance presence in Technical Exhibition has also laid the foundation of motivation to the student as well as its significance to KEC. It is a great news for KEC family that this year the college has been successful in being a partner in an European Union funded Erasmus + SUNSpaCe project which aims to link Nepali farmers with latest technology in agriculture. Through this project teachers, staff and students from KEC and Nepal can participate in various trainings in Europe and Asia. Finally, the KEC family is committed to fulfill the duties and responsibilities in order to make this institute a popular venue to peep the entire world through practical & technical education, which is the motto of KEC. It is hoped that this small piece of work will ignite the spirit of workmanship amongst the faculty, staff and students for achieving greater heights in the days to come.

Faculty and Staff Development

Participation in a presentation session (PBL South Asia)

Mr. Maha Datta Paudel, HOD of the Department of Engineering Science and Humanities participated in a one day presentation on Strengthening Problem Based Learning in South Asian Universities organized by Sagarmatha Engineering College and other nine Higher Education Institutions (Aalto Global Impact -Aalto University-Finland, Delft University of Technology (TU Delft)-Netherland, Kaunas Universities of Technology (KTU)-Lithuania, IIT Bombay-India, IISc Bangalore-India, Jigme Namgyel Engineering College-Bhutan, Kathmandu University-Nepal, Nepal Engineering College-Nepal and Asian Institute of Technology and Management-Nepal) at Greenwich Village Hotel, Kupondole on 28th February 2019.

Participation in Workshop of Mathematics

Mrs. Anjana Devi Bhandari and Mr. Sushil Ghimire attended a workshop “Enchancing Teaching and Evaluation in Engineering Mathematics I and III for B.E .Level” at Pulchowk on Feb 25, 2019 conducted by Department of Applied Science ,IOE ,Pulchowk. “The mediocre teacher tells, the good teacher explains, the superior teacher demonstrates, and the great teacher inspires”. The program was about how to enhance teaching methodology and evaluation methods for mathematics I and III of B.E level. Discussion on current issues on final exam of mathematics I and III was delivered by Prof. Dr. Shaliendra Kumar Mishra . Later discussion on issues related to contents of mathematics I and III was conducted by Prof. Dr. Vinod Parajuli. In group discussion, we mainly focused on how to minimize the increasing rate of failure in mathematics I and III. The discussion concluded that teachers have to give special attention in delivering course content, in effective use of tutorial classes, during setting of question papers and in checking answer paper. The programme ended with an assurance of continuing with the similar type of programme for Mathematics II and Applied Mathematics before the start of the session, which would be in second week of April.

Participation in 7th International Training Course on SMALL SATELLITE MISSION in Dehradun, India

Er. Bishal Rimal, Lecturer of KEC has attended the “7th International Training Course on SMALL SATELLITE MISSION” from 26th November to 7th December 2018 held at Indian Institute of Remote Sensing(IIRS), Dehradun, India. The program was organized by Centre for Space Science and Technology Education in Asia and Pacific (CSSTEAP) (Affiliated to United Nation) and jointly conducted by UR Rao Satellite(URSC) and IIRS, ISRO, Department of Space, Government of India. Er. Rimal has a deep understanding in the field of small satellite development and its required infrastructure in the context of Nepal.



Motivation Speech for Teachers and Staff

The college organized a motivation speech to the faculty and staff of the college on 19th April, 2019 in the auditorium hall of the college. Dr. Chintamani Yogi, a renowned scholar of eastern philosophy, social worker and educationist was the resource person for the event. Dr. Yogi in his motivational speech covered the role and responsibility of teachers, staff and management in the successful functioning of the college. Dr. Yogi added that college with its faculty and staff have a very responsible role in shaping the future of students and should give their best in their duties. Treat the students with love and affection, this is how we can train the students successfully, he highlighted. All the faculty and staff attended the programme.



College Faculty and Staff Picnic

On the occasion of New Year 2076, Kantipur Engineering College organized a college picnic for the faculty and staff on April 9, 2019 at Surya Binayak, Bhaktapur. The event was a platform to familiarize all the staff and teachers among each other. During the programme a short hiking from Suryabinayak to Pilot Baba Ashram and meditation was organized. To make the picnic memorable various fun activities were also organized.

SKIMA 2018, Cambodia

Er. Rameshwar Rijal, Principal of Kantipur Engineering College participated in Software, Knowledge, Information, Management and Application "SKIMA 2018" Conference held in Phnom Penh, Cambodia from 3-5th December 2018. During the conference, several probable new projects were discussed. The college has been successful to be a part of SUNSpaCe research project that will be effective from 2019 and will last for three years.

Participation in a Workshop of Mathematics

Mrs. Anjana Devi Bhandari and Mr. Deepak Dhas George, senior lecturers of the college attended a workshop entitled "Enhancing teaching in Engineering Mathematics II and Applied Mathematics" organized by Department of Applied Mathematics I.O.E pulchowk for B.E level on June 7, 2019. The main objective of the program was how to enhance engineering syllabus so that it will be more connected with the core engineering subjects. Throughout this program, we discussed about how to improve the performance and interest in mathematics of students.

An objective to create a teaching manual within a week's time for Engineering Mathematics II and Applied Mathematics was given to teacher teams in different Engineering colleges affiliated to TU.

KEC teacher team was given the job to prepare the manual regarding Multiple Integrals. The manual was prepared and was submitted by June 13th, 2019.

Participation in One Month TESOL Training Course

Mr. Krishna Prasad Gautam, Lecturer, Engineering Science and Humanities participated in 120 hr TESOL Training Course which is the International Teaching License course for English Teachers. It was conducted for a month commencing from 7th January 2019. The main objective of this course was to develop practitioner skill and strategies suitable for ESL and EFL classroom, to help develop confidence to teach English and to meet all international standards for observed lessons and feedbacks

Participation in Finite Element Analysis and its Application in Modern Engineering Design

Er. Amar Baral, Lecturer, participated in a five day training program on "Finite Element Analysis and its Application in Modern Engineering Design" which was organized by the department of mechanical engineering, Pulchowk Campus with the support from University Grant Commission from May 27th to May 31st 2019. The program was aimed for the teacher and professionals related to mechanical, industrial and automobile engineering. It was organized using teaching learning method using ANSYS as a platform. Various faculties from different engineering institutions participated in the training program. The training program covered the topics on structural, thermal and vibrational analysis. The program was fruitful for the people interested in mechanical design.

Electronics Kit Distribution

Electronics Kit was distributed to the newly enrolled students of Electronics, Communication and Information Engineering students of 2075 by Dr. Keshar Prasain, Vice Principal and Mr. Maha Datta Paudel, HOD of Engineering Science and Humanities Department on 4th December, 2018. During the Kit Distribution, Mr. Maha Datta Paudel and Dr. Keshar Prasain highlighted the importance of the kit in their 4 years study at KEC. The college has been providing Electronics kit to the students of Electronics Engineering from the last 4 year.



Participation in workshop on Bachelor's Degree on Electronics, Communication and Information Engineering

Er. Rabindra Khati, Head of Department, participated in one day workshop on "Bachelor's Degree on Electronics, Communication and Information Engineering" organized by IOE at Energy Center, Pulchowk Campus, Lalitpur on 19th July 2018. Several issues related to the replacement of the old degree by the new one were discussed. As many as 50 academicians, scholars from various campuses, colleges of Tribhuvan University participated in the program.

Participation in 6th IOE Graduate Conference, 2019

A two day 6th IOE Graduate Conference organized by Centre for Applied Research and Development on May 24th-25th, 2019 in Architecture building of Pulchowk Campus, IOE was attended by Er. Sushil Paudel, Lecturer of KEC. The conference focused on increasing participation of Nepalese young scientists and engineers in the sector of science, research and development related innovations.

In the conference, Mr. Paudel presented a paper on "Evaluating the Effect of Policies, Vehicle Attributes and Charging Infrastructure on Electric Vehicles Diffusion in Kathmandu Valley of Nepal". The research focused on identification of plausible patterns of electrical vehicle diffusion based on different scenarios with policy recommendations to Government of Nepal for the promotion of electric vehicles in Kathmandu Valley.

Participation in Talk Programme on Software Engineering, Approaches and System Architecture

A one day talk programme on "Software Engineering, Approaches and System Architecture" was organized by Himalayan College of Engineering, Chyasal on 12th March 2018. Er. Bishal Thapa and Er. Dipesh Shrestha participated in the program which was focused on the contents of software engineering course. The visiting professor Dr. Herbert Goestel from Germany highlighted the importance of agile software development in about 3 hours. Faculties from different engineering colleges attended the program.

Visit to University of the West of Scotland (UWS)

Under the academic staff mobility of SmartLink project, Er. Kobid Karkee, Senior Lecturer visited the University of the West of Scotland (UWS) for a period of one month from 15th November to 15th December, 2018. At UWS, he was under the supervision of Dr. Keshav Dahal and Dr. Zeeshan Pervez. During his stay, he provided support related to the SmartLink management activities and also explored in the possible areas for collaboration between UWS and KEC.

In addition, Mr. Madhav Dahal, Senior Assistant, Account also visited UWS under administrative staff mobility of SmartLink for a period of two months from August 2018 to October 2018.

Participation in Electric Vehicle Promotion Conference

One day Conference, organized by Energy Development Council (EDC) on 26th June, 2019 Hotel Himalaya, Lalitpur, an umbrella organization representing the entire energy sector of Nepal was attended by Er. Sushil Paudel, Lecturer of KEC. Ministry of Energy Water Resources & Irrigation was the patron of the Conference.

The conference included wide range of concerned stakeholders such as policy makers, bureaucrats, EV dealers, Technologists, EV users, activists and media. Conference focused on the promotion of electric vehicles across the country, initially by supporting the government to achieve its vision of fossil fueled free vehicle by 2028 which will ultimately have positive impact in Nepal's economy by reducing air pollution and contributing in achieving the sustainable development goal targets.

Book published by KEC

Kantipur Engineering College has published a book "A Hand Book in Probability and Statistics" written by Deepak Dhas George, Senior Lecturer, Department of Engineering Science and Humanities on 12th December 2018. Er. Rameshwar Rijal, Principal of Kantipur Engineering College felicitated Mr. George with Letter of Appreciation on for his great efforts to bring out the book which is expected to be very useful for the students of the college.

Departmental Activities

Leapfrog Campus Intake

Working as a partner with Department of Computer and Electronics Engineering of Kantipur Engineering College, Leapfrog Technology has been providing internships to the IV year students of Computer faculty. Continuing this practice, on 13th-14th September 2018, an intake programme was conducted from where a few deserving students were provided with the opportunity for internship.

Formation of Civil, Computer and Electronics Club

Under the supervision and guidance of Department of Civil & Department of Computer and Electronics Engineering, new Civil, Computer and Electronics Club were formed on 23rd December 2018 comprising of the students from II, III and IV year. Following are the list of members:

Computer Club	Electronics Club	Civil Club
1. Gaurav Subedi (<i>Club Co-ordinator</i>)	1. Sikchhya Neupane	1. Uttam Singh Kathayat
2. Prakash Ratna Prajapati	(<i>Club Co-ordinator</i>)	2. Suresh Chaulagain
3. Aakrit Subedi	2. Anjan Raj Karki	3. Sirjana Sharma
4. Manoj Khatri	3. Ram Prasad Poudel	4. Sachin Pokharel
5. Aman Shrestha	4. Reman Nemang	5. Anuj Kadel
6. Binita Shrestha	5. Suraj Joshi	6. Rabin Aryal
7. Riya Regmi	6. Achyut Timilsina	7. Anish Basnet
	7. Manav Khadka	8. Dipesh Basnet
	8. Ronak Hada	9. Anmol Thapa

Guest Lecture by eSatya

Department of Computer and Electronics Engineering has always been oriented towards the growth and development of students utilizing the industrial relation. eSatya, being one of our newly established relation, provided two guest lectures on Block-chain technology for IV year and II year Computer students on 17th January 2019 and 22nd May 2019 respectively entitled "Exploring Blockchain : Introduction to Blockchain. The session was of 1.30 hour duration and was aimed at developing the basic concept of the new hot-topic i.e. Blockchain Technology in the world of technology which was led by Mr.Ruchin Singh and his colleague.

Workshop by Anatarprerana

Antarprerana like eSatya, is one of our newly formed relations introduced by our partner Robotics Association of Nepal (RAN). Antarprerana in collaboration with Department of Computer and Electronics Engineering successfully conducted a 3 hour workshop on "Entrepreneurship in IT sector of Nepal" for IV as well as III year Computer students on 13th and 31st January 2019. The workshop followed a practical approach having a total of 3 one-hour session. In the first sessions, students were familiarized with the term "Entrepreneurship" and different entrepreneur examples. In the next two sessions, students worked in a group to look after the problems that prevail in their surrounding; even small problem were focused. They had to state the problems and analyse the possible solutions to the mentioned problems using pictures and symbols. Finally, each group presented their problem with the probable best solution. All these session were monitored and guided by Mr.Susham Rajbhandari, Deepti Kharel and colleague. The students were very pleased with this workshop and were motivated towards solving small prevailing problems using their knowledge in IT sector.

Interaction program on IOT by Robotics Association of Nepal (RAN)

An interaction session was organized for the third year Electronics student on Internet of Things (IOT) in collaboration with Robotics Association of Nepal (RAN) on 9th July 2018, as a part of MOU signed by College and RAN. Er. Bikash Gurung, President of RAN, gave a presentation outlining on recent developments on IOT and its scope. This session was fruitful for raising interest on IOT among students.

Interaction program on Robotics by Robotics Association of Nepal (RAN)

An interaction session was organized for the first year Electronics student on Robotics in collaboration with Robotics Association of Nepal (RAN) on 24th November 2018, as a part of MOU signed by College and Er. Bikash Gurung, President of RAN, gave a presentation outlining on recent developments on Robotics and the activities conducted by RAN for the development of Robotics in Nepal. A hardware demonstration on Walking Robot and Drone was given by Er. Utsab Shrestha and Er. Manoj Lekhak. This session was fruitful for raising interest on Robotics among students.

Major and Minor Project Orientation (Computer)

In order to guide the students to fulfil the project needs with the best possible ways, Department of Computer and Electronics Engineering organizes orientation programmes inviting different established entrepreneur and experts from different technical sectors. This year Mr. Kiran Regmi, Er. Bipin KC from Leapfrog Technology and Mr. Om Sagar Mishra from Eminence Ways Pvt. Ltd were invited on 26th and 28th November 2018 to share technical ideas with IV year Computer students which helped them realize the scope and materialize those in their final year project. Similarly experts from Spiralogics; Er. Govinda Wagle and Javra: Mr Rajan Twanabasu and Mr. Nikesh Kumar Jha were invited to guide the III year Computer students through their project initiation process on 11th and 17th December 2018 respectively.

Major Project and Minor Project Orientation (Electronics & Communication)

In order to guide the students in making their projects as fruitful as possible, every year the Department of Computer and Electronics Engineering organizes orientation program inviting established entrepreneur and specialists from different sectors. This year Er. Sachin Shrestha, Assistant Professor at NEC was invited to have students of IV year Electronics and Communication Engineering understand to conceive and materialize their Final year Major Project on 4th December 2018. Similarly, Prof. Dr. Sashidhar Ram Joshi was invited to share his thoughts and ideas to the students of III year Electronics and Communication Engineering for starting their Minor Project on 17th December 2018.

Participation in ICECEIC conference

On 30th January 2019, a KEC Team of 3rd year Electronics students: Bijay Sapkota, Rabin Gupta & Mayank Gurung attended an International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC) conference held in India at Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram, Tamil Nadu. The purpose of this conference was to bring together researcher, experts from industries, academia, and other interested organization to meet, exchange information and ideas for development in the field of Electrical, Electronics, Communication and Energy application. This was a golden opportunity to students and researchers to gain more knowledge and impart wisdom. Participants from twenty-eight different countries participated in this conference intending to publish their papers, out of 625 research papers, only 350 papers got selected including ours. At very first, the conference began with the registration process where the team registered the name of each project member and project title "SMART GLOVE FOR SIGN LANGUAGE TRANSLATION".

MOU with Robotics Association of Nepal (RAN)

RAN and KEC have signed an MOU on 28th November 2018. KEC has been collaborating with RAN for a long time for producing much needed, highly talented and skilled engineers to meet mutual dream of technologically enhanced society. On this occasion Er. Rameshwar Rijal, Principal of Kantipur Engineering College and Mr. Bikash Gurung, President of RAN signed the MOU that ensures the mutual cooperation and institutionalizes this relationship.

Our students will be directly benefitted from this relationship as they will be getting regular trainings, will be participating in workshops and competition that will be organized by RAN in coming days.



Interaction with Mr. Mahabir Pun- Pre LITE Event

An interaction session with Mr. Mahabir Pun, entrepreneur, social activist and Chairman of National Innovation Center, Nepal was organized on 24th February, 2019 in the auditorium hall of Kantipur Engineering College. The session was a pre-event of LITE Technical Exhibition, 2019. All the teaching, staff, key persons, members from Civil Club, Computer Club, Electronics Club and around 150 students from different engineering stream were present in the session. Mahabir Pun talked about his upbringing, his struggle, effort to provide internet facility to 200 villages in Nepal and his vision of creating an educated and prosperous Nepal. He installed the entrepreneurship mindset in the students and paved paths for their contribution to the development of IT and Communication sector in Nepal. In a nutshell, the program was a inspiring to the students.

Info session on Hult Prize 2019

The Info session on Hult Prize 2019 at Tribhuvan University was conducted at Kantipur Engineering College Dhapa-khel, Lalitpur on 28th November 2018 by representatives of Pulchowk Campus. The event was primarily focused on II, III and IV year students. The event was organized with the theme of the year i.e. Youth Empowerment. The representatives talked about previous themes of the contest, this year's theme and the registration process with motivating mindset. The event was held successfully with positive feedback from attendees. A mock competition was also held at the event. The audience members were divided into a team of four and each team was assigned a theme of food crisis to present their ideas on. Active participation from the members was seen. The winning team was given a consolation prize.

Participation in Talk Programme

Dr. Keshar Prasain, Vice Principal and Mr. Tek Narayan Adhikari, Chief, Exam Section participated in the Talk Programme on "Agricultural Robotics, Global Perspective and Nepali Context" organized by King's College, Babarmahal on July 5, 2019. Dr. Manoj Karkee, Associate Professor of Biological Systems Engineering at Washington State University, USA was the key speaker of the talk programme. Dr. Karkee highlighted the new technological innovations in automation in agriculture and its impact to the economy of the country. He also discussed the role of technology in Nepali contest especially with regards to the apple of Mustang. He said that the apples of Mustang are probably the best in the world but still it is not reaching the markets within the nation and globally.

Orientation Program 2075



Kantipur Engineering College organized “Orientation Program 2075” for the newly admitted students of 2075 Batch on November 16, 2018 at Lovely Banquet, Jawalakhel, Lalitpur. The program is organized every year before the start of classes of first year students to familiarize the students with the college, rules and regulation and to provide them with general insights about their four year study and future profession. Prof. Dr. Triratna Bajracharya, Dean of Institute of Engineering, Tribhuvan University was the Chief Guest and Er. Dr. Tara Prasad Pokhrel, Chairman of College Management Committee was Chairperson of the programme. The programme was honored by the presence of Board Members of the College Management Committee; Renowned motivational speaker, Dr. Chinta Mani Yogi; Board Members of SOPAN; and guardians of our newly admitted students.

In the welcome speech, Mr. Maha Datta Paudel, Head of the Department of Engineering Science and Humanities highlighted the difference between school and university education and made the students aware of the early preparation in semester exams. Prof. Dr. Triratna Bajracharya, Chief Guest of the ceremony gratified the role of Kantipur Engineering College; the oldest TU affiliated engineering college in the National Building process by producing the best engineering graduates till today. He also elaborated the strength of the college in terms of International Linkage and Infrastructure.

Dr. Chinta Mani Yogi, renowned Philanthropist and Guest Speaker of the event mentioned the responsibility of teachers and parents in bringing the best out of the students’ potential. He encouraged students to work harder, smarter and with sincerity and dedication to make our country a real heaven on the earth. Er. Rameshwar Rijal, Principal of Kantipur Engineering College presented about KEC; its History and achievement, to the newly admitted students and guardians. Er. Basanta Chandra Marahatta, Managing Director of SOPAN and Chairman of Acme Engineering College gave a brief insight to the students for transforming into a successful engineer and in becoming good citizens. Er. Dr. Tara Prasad Pokhrel, Chairperson of the event, informed the students that Nepal has a lots of potential for engineering graduates and expressed his commitment that the college would put all its effort in bringing the best engineering graduates from Kantipur Engineering College and thanked everyone for their presence in the event.

The Programme wise orientation was carried out in the newly furnished auditorium hall of the college on November 18, 2018. Er. Navin Chandra Sharma, Associate Professor of IOE and Visiting Professor of KEC; and Er. Mahesh Singh Kathayat, Adviser of Kathmandu Engineering College presented the syllabus, scope and perspective of their fields to civil engineering and Computer and Electronics, Communication and information engineering students respectively. Dr. Keshar Prasain, Vice Principal of the college, made the students familiarize with the rules, regulations and policy of the college. Mr. Susheel Joshi, Lecturer, was the master of ceremony of the event.

Library Automation

A Library Management Software has been installed in the library for proper library management of the books, manuals and other study materials. The students, teachers and staff have benefitted from the use of such software in the college.

Paper Presentation in International Conference

Er. Bishal Rimal, Lecturer of Department of Electronics and communication, participated and presented his research paper on “Impact Analysis of 220 kV and 400kV Transmission Line on Existing INPS” in 10th International Conference on Quality, Reliability, Infocom Technology and Business Operation (ICQRIT-2019), which was held at Hotel Himalaya, Lalitpur on July 18th-21st 2019. The conference was organized by Hillside College of Engineering along with Society for Reliability Engineering Quality and Operations Management (SREQOM) in collaboration with University of Saskatchewan, Canada to disseminate information on most recent and relevant advancement in research, theories and practices in the areas, not restricted to, quality, reliability, Infocom technology and business

MOU with ATS Info Tech

Memorandum of Understanding has been signed between Kantipur Engineering College and ATS InfoTech Pvt. Ltd, Microsoft - AEP (Authorized Education Partner) on December 13, 2018. Er. Rameshwar Rijal, Principal of KEC and Mr. Sandeep Jethani, Director, Operations of ATS Infotech exchanged the signed MOU. The MOU Signing was followed by a presentation to Civil, Computer and Electronics & Communication Engineering Students about ATS InfoTech Pvt. Ltd. (photo already provided).



Lab Staff training by RAN

Department of Computer and Electronics Engineering conducted a one day interaction session with RAN for Electronics Laboratory Staff on August 2, 2018 regarding testing of controller boards and different others modules. The possible new technologies that could be used for student’s projects were also discussed.

KEC Partner in Erasmus + SUNSpaCe Project

Kantipur Engineering College has been always involved in many international projects including East-West, cLink, eLink, FUSION, Smartlink and now SUNSpace. SUNSpace stands for SUSTainable developmeNt Smart Agriculture Capacity and is a European Union funded Erasmus+ capacity building in the field of higher education project. The partners in this projects are Kantipur Engineering College and Acme Engineering College from Nepal, Royal University of Bhutan from Bhutan, Chiang Mai University and Khon Kaen University from Thailand, University of the West of Scotland from UK, Corvinus University of Budapest from Hungary and University of Lyon 2 from France. This project is coordinated by the University of Lyon 2 France.

SUNSpaCe project aims to link farmers of Nepal, Bhutan and Thailand with the technology in farming. The project will provide a framework to develop an educational and training systems to help farmers understand the use and usefulness of new technologies. The European Universities will help the farmers in Asia by transferring knowledge and technology. The project will be effective from 2019 to 2022 AD and teachers, staff and students of the partner institutions may get an opportunity to participate in trainings programmes in European partner universities.



Visit of European Partner to Nepal

Through the SUNSpaCe project, Dr. Sylvian Touchard, Associate Professor of University of Lumeire, Lyon 2, France visited Nepal from June 2 to 5, 2019 to observe the farming conditions of Nepal. During his stay in Nepal, he visited both Kantipur Engineering College and Acme Engineering College and interacted with farmers from Dhunibesi, Dhading Durandanda, Lamjung and Khairani, Chitwan.

SUNSpaCe Meeting in Thailand and France

Er. Rameshwar Rijal, Principal and Dr. Keshar Prasain, Vice Principal of the college participated in a five days kick up meeting of SUNSpaCe project from 25th February to 1 March, 2019 in Chiang Mai, Thailand. SUNSpaCe stands for SUSTainable development Smart Agriculture Capacity and is the Erasmus + funded Capacity Building of Higher Education programme. The programme focusses on linking farmers with technology to improve the living standard. University of Lumiere, Lyon is the coordinator of this projects and the partners are: University of the West of Scotland, UK; Corvinus University of Budapest, Hungary; Kantipur Engineering College, Nepal; Acme Engineering College, Nepal; Royal University of Bhutan, Bhutan; Chiang Mai University, Thailand, Khon Kaen University, Thailand. The programme was focussed on planning for the successful implementation of the project. The project will end in 2022.

Similarly, Er. Rameshwar Rijal, Principal and Dr. Keshar Prasain, Vice Principal of Kantipur Engineering College visited University Technology Institute of University of Lumiere of Lyon 2, France to attend Project Management Board meeting of



SUNSpaCe Project held on 17 to 21 June, 2019. During the meeting, the college presented the summary of survey that was conducted for the farmers of different regions of Nepal. The participants of the meeting also visited both traditional and hi-tech farms in Valence and Lyon, France. In the meeting the pilots to be conducted in Nepal, Bhutan and Thailand was finalized.

Activities at Research, Training and Consultancy Division

Workshop on Effective Teaching

“One-day Workshop on Effective Teaching” was organized for the newly appointed teachers of the college on 22nd November, 2018 in the college premises. This is an annual program organized by the Research, Training and Consulting Division (RTCD) of the college with the objective of improving teaching skills and developing coordination and communication along with professional traits among the newly recruited faculty of the college. Nine new faculty members participated in this workshop. Vice-principal, Dr. Keshar Prasain gave a welcome remarks highlighting the existing college policies. Dr. Madan Bista, a renowned motivational speaker of the workshop talked about the importance of “Teamwork and Communication”. Visiting Professor, Er. Nabin Chandra Sharma emphasized the necessity of lesson planning for effective lectures. Principal, Er. Rameshwar Rijal gave a short presentation on “Organizational Structure”. During the program, some experienced faculty shared their teaching experience. The programme was facilitated by Dr. Surendra Bahadur Tamrakar, Chief of RTCD.



Internal Trainings on HTML/CSS and Basic Electronics

Research, Training and Consultancy Division organized the internal trainings for BCT III year (2073 batch-B group), BCT and BEX II year (2074 batch) from 4th to 31st December, 2018. The trainings included Python for BCT III year, HTML/CSS for BCT II year, and Basic Electronics, Microcontroller, AVR, PCB design and Arduino for BEX II year. The students of BEX II year presented their project works at the end of the training. These trainings are conducted as a part of students' internal training program provided by the college.

Guest Lecture on Making Concrete Greener

Research, Training and Consultancy Division organized a guest lecture on Making Concrete Greener on 19th December, 2018. Dr. Rabin Tuladhar, Associate Professor and Associate Dean of College of Science and Engineering, James Cook University, Australia was the guest speaker in the event. The focus of the presentation was how to make concrete environmentally friendly. All the students of BCE IV/I was actively participated in the event. The presentation was followed by the interactive discussion. At the end of the event, Dr. Tuladhar also made a short interactive discussion with the faculties of Civil Engineering Department about the Australian education system and the status of admission of current and future Nepalese students.

Orientation on Trainings and Current Job Market

Research, Training and Consultancy Division organized an orientation program on Trainings and Current Job Market on 2nd May, 2019. The aim of the program was to provide information of importance of trainings on current job markets. The representatives from Education Park, Neosphere, Tech-Axis, 4G Engineering Solution and Creators Institute of Business and Technology gave short presentation. The students of BCT IV/II and BEX IV/II participated in the program. The program was followed by the interactive discussion.

Internal Trainings on SAP and AUTO-CAD

Research, Training and Consultancy Division organized the internal trainings SAP 2000 for BCE IV/II (2072 batch) and AUTO-CAD for BCE III/II (2073 batch). These trainings are also a part of

internal training program provided by the college for civil engineering students, which were started from 12th May, 2019 and are still running.

MoU with S4W-Nepal (Smartphones For Water Nepal)

A memorandum of Understanding (MoU) is signed and stamped on 17th June, 2019 between the Smartphones For Water Nepal (S4W-Nepal) and Kantipur Engineering College (KEC) to organize a special symposium on Sustainable Water Resource Management during “2nd International “KEC Conference 2019” on Engineering and Technology” to be held on 26th September, 2019 at KEC premises, Dhapakhel, Lalitpur. The Chief Executive Officer of S4W-Nepal, Er. Rajaram Prajapati and the Chairperson of KEC Conference 2019 Organizing Committee Dr. Surendra Bahadur Tamrakar signed the MoU at Research Training and Consulting Division (RTCD) of KEC premise. This MoU aims to promote the conference and justify the need for a collaborative approach for the success of any event of this kind. At the same time, such collaborative work also aims to bring and provide a platform for all entrepreneurs, researchers, academicians, professionals and students to share their research works which can be used for the development of the society.

MoU with CSRI (Center for Cyber Security Research and Innovation)

A memorandum of Understanding (MoU) is signed and stamped on 9th June, 2019 between the Center For Cyber Security Research and Innovation (CSRI) and Kantipur Engineering College (KEC) to organize “2nd International Conference on Engineering and Technology (KEC Conference 2019)” to be held on 26th September, 2019 at KEC premises, Dhapakhel, Lalitpur, Nepal. President of Center For Cyber Security Research and Innovation Mr. Chiranjibi Adhikari and KEC Conference 2019 Organizing Committee Chairperson, Dr. Surendra Bahadur Tamrakar signed the MoU at the premise of Three Temple Pvt. Ltd., Mid-Baneshwor, Kathmandu. On this occasion, Dr. Pawan Kumar Sharma (Vice President, CSRI), Mr. Ram Krishna Dahal (Secretary, CSRI), Dr. Pramod Parajuli (Senior Vice President, npCert), and Mr. Suresh Bhandari (Board Member, npCert), Jr. Assoc. Prof. Dr. Anand Panta, Sr. Lecturer, Dipesh Shrestha, Sr. Lecturer, Kobid Karkee and Lecturer, Kamal Katwal and KEC Electronics club coordinator, Ms. Sikhhya Neupane were present. This MoU aims to promote the conference and

justify the need for a collaborative approach for the success of any event of this kind. At the same time, such collaborative work also aims to provide a platform for all entrepreneurs, researchers, academicians, professionals and students to share their research works.

MoU with SSTN (Safe Sustainable Travel Nepal)

A memorandum of Understanding (MoU) is signed and stamped on 24th June, 2019 between the Safe Sustainable Travel Nepal (SSTN) and Kantipur Engineering College (KEC) to organize a Symposium on Traffic & Transportation Engineering during “2nd International Conference on Engineering and Technology (KEC Conference 2019)” to be held on 26th September, 2019 at KEC premises, Dhapakhel, Lalitpur. The chairman of SSTN, Er. Hemant Tiwari and KEC Conference 2019 Organizing Committee Chairperson, Dr. Surendra Bahadur Tamrakar signed the MoU at the premise of SSTN office, Pulchowk, Lalitpur. The General Secretary of SSTN, Er. Subash Kumar Bhattarai as well as other SSTN members were also present. This MoU with SSTN aims to bring research papers related with traffic and transportation. In addition, this kind of collaborative approach will bring researchers, academicians, professionals, and students in the same platform of KEC Conference where ideas are shared for equal benefit.

Orientation on Engineering Job Recruitment Procedure in Japan

Research, Training and Consultancy Division (RTCD) organized an orientation program on engineering job recruitment procedure in Japan at KEC premises on 2nd July 2019. Mr. Hiroaki Shimomura, Secretary General of Sakura Business Cooperative Association, Gifu, Japan, was invited to introduce job opportunities and recruitment procedure for international engineering graduates in Japanese Companies. He talked about growing needs of international graduates in Japanese Companies overcoming increasing aged population in Japan. Although proficiency in Japanese language is required, he emphasized that many of the Japanese companies are willing to recruit graduates having English background and provide leading role in the respective field. Students and faculties attended the program and participated in the discussion. At the end of the program, Dr. Surendra Bahadur Tamrakar, Chief of RTCD, appreciated his talk and handed over a Token of Love.

Educational Visits

Civil Irrigation and Hydropower Tour

The Irrigation and Hydropower tour was conducted from 10th to 13th December 2018 for Civil 4th year (072 Batch) in 4 different sites viz. Lower Marshyangdi Hydropower Project, Seti Hydropower Project, Fewa Hydropower Project and Begnas Irrigation project. The main purpose of the tour was to familiarize the students about the knowledge of Irrigation project and Hydropower Project which they had gained from their theory class. The tour was coordinated by Mr. Binod Subedi, Er. Niraj Bohora, Er. Kamal Katwal, Er. Abhinesh Khatri and Er. Suman Neupane.



Construction Management Field Visit

Two days field visit of on-going construction site of NayaPul located at Dumre, Tanahu and Muglin Arch Bridge at Muglin was organized for fourth year Civil Engineering students (2072 Batch) from 30th to 31st May 2019. The field visit was led by Er. Niman Maharjan as Co-ordinator along with team of Er. Kamal Katwal and Er. Suman Neupane. The field visit helped students to get basic knowledge on management of construction works and get information about schedule and progress of project.

One Day Water Supply & Sanitary Field Visit

As per the curriculum of IOE, the students of III year were taken for a field trip on 22th December 2018 to Bode water treatment plant and Guheshwori wastewater treatment plant. The field visit was led by Er. Kirti Dhungana as Co-ordinator along with Er. Kamal Katwal, Er. Pratikshya Maharjan and Er. Meelisa Maharjan. This visit enabled the students to visualize the different processes that they had studied in class and compare it with their theoretical knowledge.

Survey Camp 2075

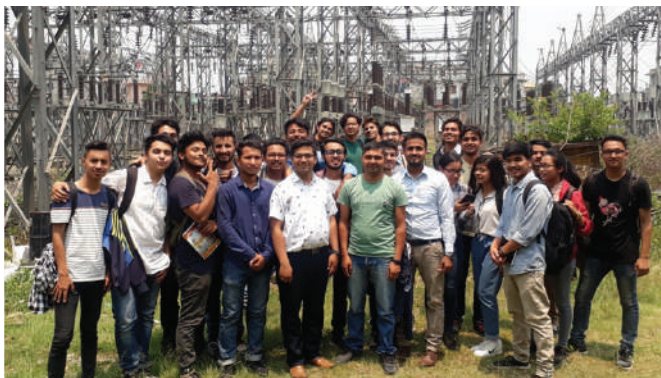
According to the course requirements, Bachelor in Civil Engineering 3rd year students were taken to a Ten Day Survey Camp that helped them to learn and explore from 27th November to 7th December 2018 at Nepal Electricity Authority (NEA) Training Center and Muhan Pokhari Khola, Kaharipati, Bhaktapur. The Survey Camp was coordinated by Er. Ima Nath Duwadi. Other members of the team were: Vice- Coordinator Niroj Bohara, Er. Sabin Poudel, Er. Kamal katawal, Er. Suman Naupane Er.Nabin Tiwari, Er. Abhinesh Khatri, Er.

Bishnu Chapagain, Er. Subhod K.C., Er. Aashish Thagunna. The main objectives of the camp were to take detailing of various land feature for the preparation of Topographic Map of NEA Training Center using Total Station, Theodolite and Auto Level, to Prepare a Grid Sheet for plotting the details, to make alignment of road and to prepare the Topographic map for Selection of Bridge Axis (Bridge Site Survey).



One Day Field Visit to Load Dispatch Center

Department of Computer and Electronics Engineering on 22nd May 2019, arranged a field visit to Load Dispatch Centre (LDC), Nepal Electricity Authority at Syuchatar, Kalanki led by two of our electrical engineering faculties Er. Sushil Paudel and Er. Bishal Rimal. The aim of the visit was to familiarize students with the centralized power flow control and protection throughout the country with visualization of substation and protection equipments. The visit provided students useful information to the students about the electrical power system which is of utmost priority regarding practical knowledge on the subject matter. The visit was very fruitful and students were motivated to see how the centralized power flow and protection control is handled throughout the country from only one dispatch center of NEA.



TIACAO Field Visit

Department of Computer and Electronics Engineering organized TIA field visit on July 11, 2019 for the students of Electronics IV/II. At TIA, students got an opportunity to get acquainted with the radar system installed at TIA for the surveillance and management of air traffic system. Additionally, they also got an opportunity to learn and explore the communication and navigation system installed at TIA. This tour helped them to visualize the practical aspect of the operations of various aviation equipment like ASR, SSR, MSSR, air band VHF communications systems and VOR/DME. The tour was coordinated by Er. Bhuvan Adhikari (Department Assistant of Computer and Electronics Department)

Students' Activities

Welcome Program 2075

Kantipur Engineering College organized welcome Program 2075 on 22nd January 2019 at Nepal Academy Hall, Kathmandu. The program was organized with the initiation of Students' Main Organizing Committee with members: Mr Bishal Acharya, Jenish Pokharel, Binay Thapa, Mohan Kharel, Suman Thapa, Sushil Dahal, Abhisek Deo & Dinesh Gautam. representing existing students' unions to welcome the students of 2075 batch. The event was accompanied with cultural and musical programmes whereby the students showcased their talents and abilities. The program was chaired by Mr. Dinesh Gautam.



Celebration of Saraswati Puja and Prize Distribution Ceremony

KEC has been celebrating and organizing Saraswati Puja and Prize Distribution coincidentally on the same day.

This year the events were celebrated on February 10, 2019. Since the early days of our college, we have established this tradition of recognizing the excellent results and performances. With this, we expect better motivation and environment for the students, teachers and staff. Some of prize categories like Best Student in drawing, Best student in Mathematics, Best Student in Structural Analysis and Best Minor Project and Best Final Year Project really showed our commitment towards achieving the excellence.

The ceremony was chaired by Er. Rameshwar Rijal, Principal of KEC and Chief guest for the event was Er. Dr. Tara Prasad Pokhrel, Chairman, College Management Committee. Certificates and prizes were distributed in various categories to the students. Prize of best scholar Girl Student (Odd Semester) were bagged by Ms. Sushila



Sipai, student of 4th year Computer and Ms Meshuka Rayamjhi, student of 2nd year Computer Engineering.

The prize for laurel of the college went to Mr, Gaurav Subedi, student of 4th year Computer. Er. Dipesh Shrestha. Senior lecturer was awarded with Best Teacher award of 2075 for his exemplary performance in his career at KEC.

The ceremony was concluded by the chair person and congratulation to the awarded students and staff. The event was emceed by Er. Susheel Joshi, Lecturer of the college

SPORTS WEEK- 2076

"Conferring top priority to "Learning by doing" method through extracurricular activities, KEC has been Organizing Sports Week each year for the well being and overall development of students. With the initiation of Students' Main Organizing Committee with members: Binay Thapa, Bishal Acharya, Sandesh Regmi and Suman Thapa, representing existing students' unions, Sports Week 2076 was organized from 19th to 25th June 2019.

The events include Cricket, Football, Basketball, Volleyball, Badminton, Table Tennis, Chess and Marathon. Principal Er. Rameshwar Rijal and Vice Principal Dr. Keshar Prasain awarded prizes to the winners and runner-ups of the events."



New Appointment and Motivation

Newly Appointed Teachers

Dr. Anand Panta	Civil
Er. Utsab Pokharel	Electronics
Er. Khagendra Prasain	Electronics
Er. Rubash Mali	Computer
Er. Rajesh Shah	Electronics
Er. Ramal Maharjan	Electronics
Er. Sushil Rijal	Civil
Er. Nischal Khadka	Computer
Er. Avishek Sapkota	Electrical
Er. Arjun Poudel	Civil

Details of Participation in Trainings from KEC

Er. Kamal Katwal	Training
Dr. Keshar Prasain	Conference
Mrs. Dinu Acharya	HR and Admin Skills Training
Mrs Anuja Dhakal	HR and Admin Skills Training
Mrs. Pratima Khanal	HR and Admin Skills Training
Mr. Bishwo Niraula	Fixed Assets Management
Mr. Uttam Ghimire	Tax Training (FNCCI)
Er. Tirtha Acharya	FET IT Workshop-2018
Er. Ima Nath Duwadi	Seminar-prosperity with socio-economic transformation in changed politic contest
Er. Harish Prasad Joshi	Seminar-prosperity with socio-economic transformation in changed politic contest
Er. Ganesh Mainali	Career Kick Starter Workshop
Er. Bishal Thapa	Career Kick Starter Workshop
Er. Anu Lama	Career Kick Starter Workshop
Er.Astha Maharjan	Career Kick Starter Workshop

FACULTY MOTIVATION

Er. Anup KC	Deputy HOD (Computer & Electronics)
Er. Kobid Karkee	Deputy Chief (IT Section)
Er. Bhuvan Adhikari	Depart. Asst. (Computer & Electronics)
Mr. Santosh Rawal	Depart. Asst. (Engg. Science & Humanities)
Er. Niman Maharjan	Depart. Asst. (Civil)
Er. Bishal Thapa	Project Assistant (Computer)

Final Year Projects of 2071 Batch

Distinction Holders 2074/2075

CIVIL ENGINEERING

- A Major Project Report on Pre-Feasibility Study of SaguKhola
- A Final Year Project Report on Pre-Feasibility Study of Lower Sanjen Hydroelectricity Project
- A Final Year Project Report on Pre-Feasibility Study of Chilime Khola Hydropower Project
- A Final Year Project Report on Pre-Feasibility Study of Upper Sanjen Hydropower Project
- A Project Report on Pre-Feasibility Study of KhaniKhola Hydropower Project
- A Project Report on Pre-Feasibility Study of Suri-Khola Hydropower Project
- Project Report on Earthquake Resistant Design of Commercial Building
- A Final Year Project on Seismic Analysis and Structural Analysis and Structural Design of Multistory Commercial Building
- Final Year Project Report on Seismic Resistant Design of Educational Building
- A Complete Report on Study on Alternative Material used for Interlocking Compressive Stabilized Earth Blocks (ICSEB)
- Project Report on Capacity Design of Five Storey Reinforced Concrete Frame Building & Comparative Study of Response with & without the Columns in Gridlines
- Final Year Project Report on Detail Analysis and Design of RC-T Girder Bridge over Chundi River Tanahu
- A Final Report on Design of RC-T Beam Bridge over Hiley Khola in Makawanpur
- A Final Year Project Report on Detail Analysis & Design of RCC T-Beam Gider Bridge over DumraiKhola Nawalparasi
- Environmental Impact Assessment Report Kantipur Community Hospital
- A Final Year Project Report on Earthquake Resistant Design of Multistoreyed Commercial Building
- A Final Year Project Report on Seismic Resistant Design of Multistoreyed Commercial Building
- A Final Year Project Report on Detailed Analysis and Design of RCC T-Beam Girder Bridge over KarraKhola

COMPUTER ENGINEERING

- Smart Handsigns
- Data Deduplication
- Phronesis
- Job Portal
- Heritages
- Pocket Travel
- Number Plate Recognition for Parking
- Form Generator
- Instant Messaging
- Student Portal
- Nepal Stock Analysis & Prediction
- Student Performance Analysis for Higher Education
- Travel Bud
- Twitter Sentiment Analysis
- Emotion Detection using Facial Expression
- Digital Voting System using Blockchain
- Face Recognition
- Blockchain Based Electronic Health Record
- Intrusion Detection System
- Heart Disease Analysis & Identification
- Image Classification using CNN
- Gesture Based Mouse Control
- SGEET
- SAM: Chatbot
- Store Analysis
- Redirector
- TAMA: Toursim Advocacy & Mangement Apparatus
- Sajilo Homestay
- Project X: A Business Intelligence for Bike Insurance
- Techbazar: An Online Shopping Store
- Shadow
- Kawadi
- BandsVille
- Winkey

ELECTRONICS ENGINEERING

- VLC for Text and Image Transmission
- Electronics Tester
- Spining 3D Display
- Automated Agriculture
- 3D Printer and Scanner
- Medical Systematic Transport & Assistant Robot
- Smart Traffic Management System
- "Smart Gloves for Communication"
- Smart City
- Guidance and Assistance Bot
- Wireless Projector

BCE I/I 2074	BCT I/II 2074
Dipesh Bhujel	80.45 Ajay Giri 82.77
Sagar Pun	82.08 Aman Shrestha 84.0
BCE III/I 2072	Anisha Rai 82.16
Dipesh Pandit	81.6 Binita Shrestha 89.08
Krishna Shrestha	80.0 Jenisha Khaiguli 80.16
BCE IV/I 2071	Meshuka Rayamajhi 90.0
Sumnima Singh	81.74 Nasla Joshi 82.93
Tankar Rokaya	84.27 Raul Shahi 89.54
BCT I/I 2074	Reeti Pradhananga 87.7
Reeti Pradhananga	80.97 Saramsh Gautam 90.47
BCT II/I 2073	Sweekar Dahal 82.47
Kabin Devkota	81.15 BCT II/II 2073
Nishan Khanal	81.03 Udita Bista 83.67
Udita Bista	80.92 Ananta Poudel 83.34
BCT III/I 2072	BCT III/II 2072
Gaurav Subedi	82.63 Prakash Ratna Prajapati 80.37
BCT IV/I 2071	Gaurav Subedi 84.0
Ajay Dhami	83.52 BCT IV/II 2071
Nischal Shrestha	80.97 Ajay Dhami 81.2
Rachana Maharjan	82.31 Anish Shrestha 82.67
Rubash Mali	82.07 Drish Mali 80.67
Sushila Sipai	85.34 Nischal Shrestha 81.07
Ramesh Hyaunmikha	81.46 Rachana Maharjan 81.07
Sadhana Khadka	81.22 Rubash Mali 82.0
BEX III/I 2072	Sanish Maharjan 80.27
Bijay Sapkota	84.69 Sushila Sipai 85.74
BEX IV/I 2071	Abcon Budhathoki 80.4
Gagan Bdr. Pradhan	81.13 Raj Prasad Shrestha 83.87
Ramal Maharjan	82.63 Ramesh Hyaunmikha 84.4
BCE III/II 2072	Siddhi Kiran Bajracharya 84.27
Dipesh Pandit	80.67 Suetzeet Twanabasu 81.07
BCE IV/II 2071	Mukesh Chand 81.07
Avash Thapa	80.0 Swornim Bikram Shah 80.4
Abriti Panta	84.31 BEX I/II 2074
Sumnima Singh	82.62 Manav Khadka 82.62
Tankar Rokaya	84.0 BEX III/II 2072
Ujjan Paudel	80.93 Bijay Sapkota 87.64
Upama Bhusal	81.08 Prabhat Mali 80.37

Students' Achievements

Congratulations !!!

Team: The Next-Gen Helmet

Congratulations to our aspiring students; Meshuka Rayamajhi, Ronak Hada, Achyut Timilsina and Yukti Bhatt for representing Kantipur Engineering College and winning prestigious awards in different competitions. The project, "The Next-Gen Helmet" is about



a helmet that checks whether the helmet has been worn along with the belt in the helmet and the alcohol limit in the rider's breath. In case of an accident, the system attached to the bike sends a message containing the rider's exact location to emergency contacts so as to ensure immediate aid. Great work guys, we are proud of you.

Achievements:

- Best Idea in Hardware Competition in LITE-2019
- First Position in Hardware Competition in HEx-2019
- Winner of Yantra 7.0 Robo-Business Cup-2019
- First Position in Hardware Exhibition in Dristi-2019

Team: KANTIbir

Congratulations to team KANTIbir, a group of passionate students Electronics and Communication Engineering for representing the college and winning prestigious awards in most of them. This team has been promoting electronic engineering and robotics and inspired many youths to join this stream.



This team designs and makes robots for battle, soccer, racing, etc., and has fabricated relay driver by themselves. This team has glorified the name of the college every time they represent the college. Keep on doing great and you are our pride and motivation. The team members include; Achyut Timilsina, Manav Khadka, Pankaj Japrel, Pankaj Paneru and Pawan Bhandari.

Achievements:

- Winner of Battle BOT 2.2 Competition in South Western College
- Winner of Robo Warz in LOCUS 2019
- Winner of Robot Fight at MECTRIX 2019
- Winner of Robo Soccer in Sagarmatha Techno-Fest 2019
- Winner of Robo Racing in Yatra 3.0 2019
- First Runner UP in Kuruchetra at Dristi 2019

Team: Upper Tamakoshi Hydropower

Huge Congratulations to a team of passionate students of civil engineering stream with members including Arun Chapagain, Bhuwan Kandel, Hari Krishna KC, Jeewan Awasthi, Keshab Raj Subedi and Nishan Mainali for representing the college in various model competitions and winning prestigious awards. Thank you for making us proud again and again. The Upper Tamakoshi Hydropower model made by the students in the highly reduced scale represents the exact



details from the head to tail of the project and explains the importance of this project in decreasing the dependency of India in electricity import. Thank you again for your tremendous work. This project was also displayed in Hydro Expo and won

the hearts of many visitors

Acheivement:

- First Position in Civil Engineering Model at Sankalpa 2018
- Runner Up in KathFest 2018

Congratulations to the Winners of LITE 2019

The entire college family congratulates you for your splendid work and award won in LITE 2019. Keep on doing good work and all the best for your future projects. Thank you all.



A



B



C



D



E

- A- Best Idea in Hardware Competition
- B- Best Project in Hardware Competition
- C- Best Model in Civil Engineering
- D- Best Idea in Software Competition
- E- Best Project in Software Competition