



Connections

Quarterly Newsletter for Institute's Friends, Patrons, Mentors and Students

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CIVIL ENGINEERING DEPARTMENT

Installation of CESA Council (2017-18)



The installation of the Civil Engineering Students Association (CESA) Council for the academic year 2017-18 was inaugurated on 11th August 2017, in the esteemed presence of the Chief Guest Shri. R.B. Bhatkar -Director, Operation DCS limited, Guest of Honour and key note speaker Shri. Richard Dias, General Manager -HWTP, Director Rev Fr. Kinley D'Cruz, Principal Dr. Neena S. P. Panandikar, HOD Prof. Annapurna Sakhardande and Coordinators Prof. Jeffrey Valadares and Prof. B. R. Anirudha.

The function began with the lighting of the lamp and a prayer song followed by a Welcome speech by Subrata Rai, a second year student. Mr. Kohen Duarte the former Chairman of CESA, delivered the annual CESA report for the year 2016-17.

The Principal, Dr. Neena Panandikar congratulated the initiative and efforts taken by the Civil engineering students for successful organization of intercollegiate technical festival – “Sankriti 2017” and advised the students to take equal interest in academics. In his speech, the Director, Rev. Fr. Kinley D'Cruz named a few successful people and motivated the students to move out from their comfort zone and take up challenges in the field of technology to be successful. Speaking on the occasion, the Chief Guest Shri. R.B. Bhatkar congratulated the newly elected Council and advised them to give back to their Alma mater. The Guest of Honour and key note speaker Shri. Richard Dias gave an insight about “Replenish” the topic that he would cover in his session.

Later, Prof. Jeffrey Valadares introduced the new student Council 2017-18 who took the oath in the presence of all. CESA Council (2017-18) is headed by

Mr. Siddhant Porob, from the third year Civil Engineering. Thereafter, the CESA council 2016-17 was felicitated by the Chief Guest for their excellent work during their tenure as office bearers.

The Civil Engineering Department Newsletter- “Blueprint” and Souvenir of “Sankriti 2017” were also released on this occasion. After a talk on “Replenish” by the key note speaker Shri. Richard Dias, there was a photography and debate competition which were enjoyed by all.

Engineers Day Celebration

On the 15th of September 2017, the Civil Engineering Department celebrated Engineers Day by inviting Er. Joaquim Primo Souza, Retired Chief Engineer-PWD who was the Chief Guest for the function. Also present for the function were Rev. Fr. Kinley D'Cruz, Director, Prof. Annapurna Sakhardande, HOD and coordinators Prof. Jeffrey Valadares and Prof. B. R. Anirudha.

Er. Joaquim spoke about how technology has changed over time and how engineers have to keep up to this fast moving technology. He also shared his experiences gained over time while handling various complex projects in and around Goa. On this day 14 distinction holder students of Civil Engineering were felicitated by the Chief Guest.

Winners of the various competitions held on CESA Installation day, were given prizes. AutoCAD Certificates

were also distributed to students who had successfully completed the course.



Two day Workshop on Advanced Design of Steel Structures

The Civil Engineering Department of Goa College of Engineering organised a two day workshop on Advanced Design of Steel Structures on 21st & 22nd September 2017 at GEC, Farmagudi.

The chief guest for the function was Dr. Jayanta Kumar Saha Dy. General Manager (INSDAG). Eight technical talks were conducted on metallurgy of steel as well as design of various steel structural elements according to IS 800:2007 Limit State design method.

On day one Dr. Jayanta Kumar Saha gave an insight into the various types and grades of steel as well as the manufacturing process for cold formed and hot rolled steel sections. He also talked about corrosion protection as well as fireproofing methods for steel.

Dr. Mukund Shiyekar, explained in detail the structural design and detailing of steel bridges according to Limit State Design method using Influence Line Diagrams. In the afternoon session he gave a talk on design of castellated beams.

On the following day i.e. 23rd September 2017 Dr. Siddharta Ghosh delivered a talk on instability in steel beams and told us about various types of failure a steel beam can experience. In the afternoon session he introduced us to new software for steel design developed by himself along with others called OSDAG.

Dr. Mukund R. Shiyekar gave a presentation on design of plate girders and gantry girders. Mr. Madhav Kamat gave a talk on design methodology for tubular structures and shared with us his experience in the field on use of such structures at various places in Goa.

The last talk of the workshop was delivered by Dr. Purnanand Savoikar where he explained design of bolted and welded connections as well as design of tension and compression members according to IS 800:2007.

The workshop concluded with the Question and answer session and valedictory session. Prof. Shruti Desai, Prof. Madhuraj Naik, Prof. Kaushik Pai Fondekar attended the workshop.

Concrete Mix Proportioning

The Civil Engineering Department in collaboration with UltraTech Cement organized a “Concrete Mix

Proportioning” workshop on 22nd September 2017, for the second year Civil Engineering students.

The workshop was conducted by Mr. Vikrant Dessai, Technical Officer, UltraTech Cement who went through the basic's of



making concrete and later guided students in designing a particular grade of concrete and performed a demonstration to show the same. In all 55 students attended the workshop. The workshop coordinator was Prof. Starina Dias.

Field visit to Andrew CommScope Telecom R&D Plant, Verna

A field visit was conducted by the Department of Civil Engineering on 27th September 2017 to Andrew CommScope Telecom R&D Plant, to study the Post-tensioning work being carried out on site. Six students from the final year Civil Engineering visited the site, accompanied by Assistant Professor Kaushik V. Pai Fondekar.

On visiting the site the students met Consulting Er. Shekhar Panandiker and Er. Aravind Nayak from Shekhar Panandiker and Associates who are currently executing the structural design for the project, while M/s RBS Candiaparcar is the contractor.

Er. Shekhar Panandiker explained the technical details on the site where he also mentioned the necessity of carrying out post-tensioning for the first floor slab stating that the height was restricted for placing the machinery if beams were provided.

The students also saw how one end of tendons were locked in the slab while the other end was left open for post tensioning. They also saw the placements of the tendons and steel in the slab after which concreting was done. Er. Shekhar also stated that after the concrete gains 75% of its strength, grouting is done in the conduits and after the grout sets, the tendons are stressed using special machinery

brought by UTRACON.

After visiting the construction site, the students were also taken to the site office where they got to see relevant structural drawings, bending profile of conduits and tendon detailing. Er. Shekhar concluded by enlightening the students about the various structural designs in India and how Industry functions.

This is one of the few sites in Goa where post-tensioning is carried out for the slab.

MECHANICAL ENGINEERING DEPARTMENT

Engineers Day Celebrations by Institution of Engineers (India) Goa State Center

The Institution of Engineers (India), Goa State Center celebrated Engineers day on 16th September 2017 at hotel Fidalgo, Panjim. The Chief Guest for the function was Shri Vijai Sardessai, Hon. Minister for Town & Country Planning, Agriculture and factories & Boilers. Dr. Gopal Mugeraya, Director NIT, Goa was the key note speaker.

Prof. Ajit Salunke, HOD, Department of Mechanical Engineering and Prof. Sharad Shanbhag attended the function. Prof. Ajit Salunke was felicitated for contribution to technical activities for the year 2017-18.

The technical activities of the DBCE IEI chapter were highlighted at the Annual General Body meeting which was held before the commencement of the Engineers Day function.

Industrial Visit to Cuncolim and Nessai Industrial Estate For SE MECH

On 23rd September 2017, the students of Second Year Mechanical Engineering visited Sri Shanta Pumps Pvt. Ltd, Rito Technie Pvt. Ltd, Asian Foods Pvt. Ltd, M/s Ashirvad Enterprises and City Aluminium Pvt. Ltd. It was organised under Mechanical Engineering Students Hub (MESH) of Mechanical Engineering Department.

The students were also briefed about basic

terminology and safety precaution by Mr. Abhay Keni, Owner of Sri Shantha Pumps.

At Rito Technie processes like quality inspection and functions of sequential analyser were explained.

Asian Foods Pvt. Ltd. is involved in food product manufacturing and its supply. Various machines to mix flour and packing techniques for custard powder was shown.

M/s Ashirvad Enterprises is a Pet bottle manufacturing company. Students came across through various plant operations wherein raw granules are added into a chamber. The students were guided by Mr. Nikhil Kakode.



City Aluminium is a specialist in design, manufacture, and installation of aluminium and uPVC Windows & Doors and Coatings. Students were guided by Operation's Head, Mr. Shivkumar. They were briefed about various operations like fusion joining of uPVC panels, Powder coating, anodising and sublimation film transfer (wood). Manufacturing of various company products like doors, windows, shower cubicles and ladders were explained.

The visit was organized and co-ordinated by Prof. Ramnath Prabhu Bam and Prof. Raymond Joseph. Students of SE Mechanical had an enlightening learning experience.

Field Visit to Fluids Control and ARAI, Pune

On the 6th and 7th October 2017, members of the Collegiate Club of Society of Automotive Engineers (SAE) of the Mechanical Engineering Department visited Fluid Controls Private Limited at Pimpri-Chinchwad and Automotive Research Association of



India (ARAI) at Chakan and Kothrud, Pune. Students were accompanied by Prof. Chetan Gaonkar and Prof. Siddu Biradar.

At Fluid Controls Pvt. Ltd. the students were shown the apparatus used for the testing of assembled valves. Samples from various batches are taken and put through vigorous tests like Swaging and live demonstration of the same was shown. SCADA equipped Multi Test Benches are also used for tests like Hydraulic pressure test, three axis vibration tests etc.

At ARAI- Homologation and Technology Center Mr. Rohit Londe guided the students through the ECL unit which had a cold conditioning unit, where innumerable atmospheric conditions can be created to test the vehicle. He also gave a glimpse of the wearing test where vehicles are tested for durability over the levels of friction after each service. The students were then guided through the Fatigue Lab by Mr. Swapnil Junnare. The students were taken through the Durability Test which tests the vehicles chassis and suspension. The PSL unit gave them a glimpse of the crash test ramp which is being used to test all new cars launched. Students were guided through the PSL unit and took them through the Dummies calibration lab where test dummies of various demography were calibrated for crash tests.

Students were taken through a brief presentation on CAE simulation of virtual testing of vehicles on various parameters like durability, safety etc. The students were then taken through the Safety and Homologation lab where vehicles are tested for passive safety, component verification and safety certification of components. The bustle of the Performance Testing of Engines lab (PTE) gave a brief idea of the arduous journey of engine development. Finally the students were taken to the Noise and Vibration testing lab which gave a glimpse of the

industry standards in Noise and Harshness and how components like mufflers, sound deadening material etc. are tested and re-engineered.

Design & Testing of De-laval (Supersonic) Nozzle

Final year Mechanical Engineering students Prakash Kamble, Anup Gaonkar, Janmenjay Sawant, Subham Yadav and Adarsh Anil Kumar have successfully completed the project titled "Design and testing of De Laval Nozzle for Subsonic Flow" under the guidance of Prof. Chetan Gaonkar. The project was co guided by Prof. Avil D'Sa.

De Laval nozzle is a mechanical device which is used to convert the thermal and pressure energy into useful kinetic energy and used in rockets or air breathing engines to produce the desired thrust to gain lift. It is also used in De Laval turbine to accelerate the steam to full speed and in Magneto hydrodynamic (MHD) system to generate electricity. The project aims to study the pressure, temperature and velocity of flow characteristics across varying cross sections of the nozzle. The nozzle was analyzed theoretically, experimentally and by Computational Fluid Dynamics (CFD).

The fabrication and testing of the test setup was carried out at Marine Electrical Agencies, Sancoale Goa. Mr. K Sasindran Nair and Mr. Ajoy R. Raj, Managing Partners provided the necessary help. The project was partly sponsored by Goa Instruments Industries Pvt. Ltd.



The project has won 1st prize in Academic Project category (Mechanical Engineering) in Kshitij 2017 at DBCE.

ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING DEPARTMENT

Workshop On "Cayenne IOT"



The Electronics and Telecommunication Engineering Department in association with DBEATS organized a one day workshop for the Second Year students titled, "Cayenne IOT" on 23rd September 2017. The Resource Person for the workshop was Mr. Shramik Sandip Salgaonkar, Design Intervention India Pvt Ltd.

The coordinators for the workshop were Prof Vidhya.D.S. and Prof. YeshuDas. A. Muttu from the Electronics and telecommunication Department. The topics covered for the course were: introduction to IOT and cloud, creating a esp8266 web server to turn on LED, creating account on cayenne, Downloading cayenne app, adding esp8266 to cayenne, getting authentication code/token, uploading cayenne libraries, adding 1st cayenne code to esp8266 for accessing cayenne Dashboard, coding to take input from sensor and publish on cayenne cloud, adding triggers for input to do a particular output, scheduling an output at activate at a particular time, using virtual pins to add own custom features to cayenne dashboard, <https://mydevices.com>, <https://www.hackster.io/contests/ESP8266>.



The workshop was successful and the students found it useful, as it helped them to use basics Cayenne IOT.

"Labview"

To meet Industry goals and requirements the Department of Electronics and Telecommunication Engineering in association with DBEATS conducted a one day workshop on "LabVIEW" on the 23rd September 2017 for the third year students. A total of 29 students attended the workshop.

The main objective of this workshop was to upgrade the skills of the students thereby providing a common platform to explore the usage of Virtual Instrumentation and Design aspects using simulation with the help of NI LABVIEW.

Asst. Prof. Flavia Leitao and Asst. Prof. Mathilda Colaco were the resource persons for the workshop. Final session ended with feedback, which was rated as high quality and very useful and students suggested conducting such programmes frequently.

COMPUTER ENGINEERING DEPARTMENT

'Inspirus 2k17-Make it happen' - National level intercollegiate event

'Inspirus 2k17-Make it happen' is a national level intercollegiate technical and non-technical event, hosted for the very first time by the Department of Computer Engineering, in association with C-CODES, of Don Bosco College of Engineering, Fatorda, Goa on 14th and 15th September 2017.

The event Inspirus, was declared open by Hon. Minister for IT, Revenue and Labor & Employment Shri. Rohan Khaunte. He had spoken about how technology is advancing at a very fast pace, and that it is our choice whether to stay back or move along with advancing technology.

The inaugural ceremony also included the installation of the new C-CODES student council for 2017-18. The vote of thanks was proposed by Prof. Merwyn D'Souza. A souvenir for INSPIRUS 2K17 was launched on the occasion.

The various events held on 14th September were



Rubik's Cube, Mindspark, Virtual Building, Virtual DJ, Framed and Designers' Paradise.

The events held on 15th September were Hackathon, Geek's Den, Edit Out and Clash Royale. There was a workshop on 3D technology taken by Mr. Ryan Vaz, owner of Infynyt 3D, Verna. Gaming events held were Counter Strike 1.6 and FIFA '17.

The valedictory function was held on 15th September 2017. The Chief Guest for the function was Mr. Suhas Mallya, Executive Director at EMCO Goa Pvt. Ltd. He had spoken about being true to your fundamentals and to "follow the money". In the college section, Goa College of Engineering bagged the first place as winners of Inspirus 2k17. Padre Conceição College of Engineering won the second place. In the higher secondary category, Rosary Higher Secondary bagged the first place. Prof. Amey Tilve proposed the vote of thanks.

A total of around 680 students from around 22 colleges and higher secondary schools all over Goa participated in the event. The coordinators for the event were Prof. Merwyn D'Souza and Prof. Amey Tilve. The convenor for the event was Prof. Gaurang Patkar.

Felicitation Programme for B.E. Computer Students (Distinction Holders)

A felicitation function for the Computer Department Engineering students of batch 2013 – 2017 securing distinctions was held on September 18th 2017. The function was organized by C-CODES in association



with Computer Department in the esteemed presence of the Chief Guest Dr. Muktesh Chander IPS, Director General of Police, Director Rev Fr. Kinley D'Cruz, Principal Dr. Neena S. P. Panandikar, H.O.D. Computer Engg. Dept. Prof. Gaurang Patkar, C-Codes coordinator Prof. Merwyn D'Souza.

The function began with lighting of the lamp. The Principal Dr. Neena S. P Panandikar congratulated the initiative and efforts taken by the Computer students and faculty. She also congratulated the distinction holders. She mentioned all the projects undertaken by the Computer Dept. for the industry.

The chief guest Dr. Muktesh Chander IPS, Director General of Police in his address motivated students to never give up their dreams and ambitions, he also congratulated the students securing distinctions and extended his help for any projects in future. The students who have secured Distinction were felicitated with a gold medal and certificate.

The DGP Dr. Muktesh Chander then felicitated the students who did a project for the Goa Police with certificates and a cash prize of Rs 10000/-Prof. Manisha Faldessai then proposed the vote of thanks.

Latest Trends In Technology

A session on "Latest trends in technology" was held for the second, third and final year students on 29th September 2017. The speaker for the session was Mr. Anirudh, CEO of "Codekul", Pune and organized by Prof. Mithil Parab. The session was interactive and students were introduced to various recent technologies in the field of computer science. The topics discussed were: quantum computing that studies computation systems (quantum computers) that make direct use of quantum-mechanical phenomena, such as superposition and entanglement, to perform operations on data. A quantum Turing machine is a theoretical model of such a computer and is also known as the universal quantum computer. Also, the students were familiarized with the concept of Angular 2, which is a more streamlined framework that allows developers to focus on building JavaScript classes.

The students were briefly introduced to new

emerging programming languages like kotlin, typescript (strict syntactical superset of JavaScript and adds optional static typing to the language), vertx, Swift, AIML (Artificial Intelligence Markup Language). He explained how these languages, especially Kotlin, are used to create more maintainable, concise and error free Android apps with a smaller code. Also, students were briefed on the concepts of NativeScript and MQTT. NativeScript is an open source framework that gives direct access to every native platform API and component from JavaScript, TypeScript or Angular.

MQTT is an ISO standard publish-subscribe-based lightweight messaging protocol for small sensors and mobile devices, optimized for high-latency or unreliable networks. The students were told regarding the Android Things, which is Google's new OS for smart devices, which can run on products like connected speakers, security cameras, and routers to make it easier for companies to start shipping hardware.

Towards the end of the session, security measures regarding new technology trends were discussed such as: Open Source Identity and Access Management, the security and business discipline that enables the right individuals to access the right resources at the right times and for the right reasons. Some of the IAM solutions like keycloak and blockchain were explained. Overall it was a very interactive, enlightening and learning experience for the computer engineering students.

SCIENCE AND HUMANITIES

5th Council Installation – 'SEEDS'

The installation of the new First year Students Association (SEEDS) Council for the academic year 2017-18 was inaugurated on 9th September 2017, in the presence of the Chief Guest Ms. Farheen Sayed –CEO- Brushfilicks, Director - Rev Fr. Kinley D'Cruz, Principal- Dr. Neena S. P. Panandikar, Registrar- Dr. Kala Nayak and Faculty Coordinators- Asst. Prof. Gladys Da Silva and Asst. Prof. Natasha D'Souza e Jaques.

This year the theme for SEEDS 2017-18 is



“INNOVATION”. The function began with a prayer song followed by an introduction to SEEDS delivered by Asst. Prof. Gladys Da Silva along with a video presentation. The dignitaries along with staff coordinators and student council watered a budding plant as a mark of nurturing the plant that symbolizes the act of helping the students of the first year to grow into successful individuals and professionals.

Ms. Farheen Sayed informed the students that technology is progressing every day and the world is changing at a high pace.

Registrar- Dr. Kala Nayak introduced the newly inducted council members:

Chairperson- Shivlay Nayak; Treasurer- Allan Luis; Secretary- Renvick Fernandes

Class members: F.E. Mechanical – Ashwin Palyekar; F.E. ETC - Valini D'Silva; F.E. Computer- Stella Tom; F.E. Civil – Divyesh Naik.

Dr. Kala Nayak administered the oath to the students and the outgoing council handed over the charge to the newly inducted council.

Mr. Shivlay Nayak- Chairperson, read out the plans for SEEDS 2017-18. Mr. Shane Mazarello also shared his views with the first year students on how to excel in their studies. The Inaugural concluded with the vote of thanks proposed by Mr. Renvick Fernandes. The function was compered by Ms. Shania and Mr. Alan Luis.

Thereafter, the event continued with an interactive session delivered by Ms. Farheen Sayed who spoke on innovation and the building up of startups. She cited a few examples of a journey of an entrepreneur and how one can be successful in putting forth their ideas innovatively.

The next event held was a technical quiz comprising of Round 1, Round 2 and a Final Round that tested the minds of students towards awareness of general knowledge and emerging technology. Students from First year Mechanical; Vivian Viegas, Balesh Mayekar, Johan Silveira emerged as winners.

The Final round for Debate ' Do violent video games contribute to youth violence? ' saw the First year Computer and First year ETC students enthusiastically and strongly voice their opinions for and against the topic. The judges, Asst. Prof. Avil D'sa and Asst. Prof. Ameiy Kerkar declared First year Computer students: Ms. Stella Tom and Ms. Sakshi Kadam the winners.

An interesting Math Relay comprising of three rounds was conducted, in which the students were tested at what speed they could provide the right answers to mathematical problems. The First year ETC: Abhishek Dhumvad, Govindsingh Rathod, Saurabh Prabhu , Juella De Oliveira bagged the first place.

At the end of the day, Dr. Carmo Gracias a representative of Lusophone Society of Goa addressed the students with regards to the initiatives taken by the Society for the Portuguese speaking community.

TRAINING AND PLACEMENT CELL

Innovation and Entrepreneurship Development Programme

In Order to nurture the talent of the students thereby enlightening them in various aspects of industrial activity and foster innovation in different sectors of economy ,the Innovation and Entrepreneurship Cell organized a one day Entrepreneurship Development Program on 9th September 2017. A total of 87 students attended the event.

The first session "Technical scopes in Innovation and startups" by Dr.Fraddy D'souza provided a complete picture of efficient utilization of energy, sustainable use of natural resources, large-scale adoption of renewable energy technologies, & reduction of all forms of waste that would ensure

sustainable development.

The second session "Myths of Entrepreneurship: How to navigate the journey" by Mr. Gilbert Mendes gave a brief insight of entrepreneurship in terms of self-assessment, self-reflection, SWOT analysis, communication skills, motivation, decision making and leadership. This session also threw light on setting up of micro and macro level enterprises.

The event was coordinated by Asst. Prof. Mathilda Colaco of the ETC Dept. and the Training and Placement Officer, Mr. Rajesh Gaonkar.

NSS

Blood Donation Camp

The NSS unit of Don Bosco college of Engineering, Fatorda in association with Blood Bank, Hospicio Hospital, Margao conducted a blood donation camp in the institute premises on 1st September 2017. An eight member team headed by Dr. Vasundhara Dessai visited the institute for the blood collection.

Career Guidance Programme

The final year students had the opportunity of taking part in a one day Career Guidance Program held in the college premises on 21st September 2017.

The guests were members of the 'Board of Apprenticeship Training (BOAT)- Western Region' who were enthusiastic to create awareness amongst the students about 'The Apprentice act of 1961'.

The Chief guests for the event were Dr. P H Sawant – Chairman of BOAT and Shri P N Jumle- Director of BOAT. Also present was the Director - Rev. Fr. Kinley D'Cruz and the Principal - Dr. Neena Panandikar of Don Bosco College of Engineering.

Prof. Jeffrey Valadares compered the formal event which started off with the lighting of the lamp, after which the guests were all welcomed with a bouquet of flowers.

Shri P N Jumle spoke to the students of the difficulties that lie ahead after they graduate. Dr. P H Sawant then spoke to the students telling them of the

importance of setting up personal goals in life and how it helps make their vision for the future clearer.

The Chief Guests were then presented with a memento by Rev. Fr. Kinley D'Cruz as a token of gratitude and appreciation after which the Training and Placement officer Mr. Rajesh Gaonkar delivered the vote of thanks which marked the end of the formal session.

Soon after the formal event, began the interactive session which brought forth four different speakers to give a talk on different topics ranging from Apprenticeship, Entrepreneurship as a career option, Higher education and Business etiquettes.

The first speaker was Mr. Nivrute Wadode who is the Deputy Director of BOAT. He spoke in brief about 'The Apprentice act of 1961' and how it is possible to work in different companies under this act.

The next speaker was Shri Manish Gosale from iCreate, He spoke about their motto 'Creating Job Creators' and enlightened the audience on a path besides jobs.

After a break, Mr. Shyam Manavat from MaxxCell institute was invited to speak on the various options for higher studies abroad. He first spread out the career options in the public sectors and then went on to talk about MBA as a career opportunity due to the many plus points attached and job status opportunities. He suggested a few good colleges to consider like IIM's, GIM, Symbiosis and Welingkar. He also covered other countries with respect to cost, course duration, work availability, etc. A few of which mentioned included Australia, USA, London, Canada, New Zealand, etc. He spoke of the help MaxxCell offers to help student's to study abroad right from getting study visa's to applying for university.

Thereafter Mr. Praveen Kakode from UpGrade conducted the next session on work and business etiquettes where he touched upon the Emotional Intelligence (EQ) of a person and how it is as equally important as compared to just IQ. He mentioned that soft skills are something that is often noticed and

that there must always be efficient communication to avoid any misunderstanding. He suggested to SWOT ourselves and then work on our weaknesses to better ourselves. He also suggested two approaches to look towards work 'Eagle vision and Snake vision' which roughly translates to being focused at your work while being able to see the big picture.

Overall the programme helped the students to have a better understanding of the opportunities that could be offered by Apprenticeship, Entrepreneurship and Higher education.

Entrepreneurship Awareness Camp

Don Bosco College of Engineering kick started a three day Entrepreneurship Awareness Camp (EAC) on 10th August 2017. Speaking on the occasion of the inaugural, the Chief Guest Mr. Manguirish Pai Raiker, Chairman, National Council of MSME, encouraged the students to dream with their eyes open. He urged the students to take risks and to nurture their ideas to reality. The EAC is sponsored under the DST-NIMAT Programme.

Earlier, Director, Fr. Kinley DCruz motivated the students to let their ideas take flight while Principal, Dr. Neena Panandikar explained how entrepreneurship is a strong option for the future. Prof. Roseline Fernandes, EAC Coordinator explained the schedule of the workshop and the various speakers lined during the three day programme.

The camp concluded on 12th August 2017. Anay Kamat, Farheen Sayed, Gilbert Mendes, P.P. Kulkarni were some of the speakers who spoke during the camp.

The camp saw active participation from the final year students who were made aware of the various rules, regulations, documentation required to start their own business. The students were told about funding opportunities and entrepreneurs from across Goa shared their life journey.

GATE Awareness session for B.E students

On 26th September 2017, the students of Final year attended GATE Awareness session conducted in house by the faculty members of RajaramBapu Institute of Technology, Sangli. It was organised with

a prime objective to make the students more informative on GATE exam and the linked benefits.

The resource person Dr. Abhijeet Shah; is a Professor in Mechanical Engineering Department, RajaramBapu Institute of Technology, Sangli. He has completed his PhD from NIT Warangal. The other resource person Prof. Subodh Ingaleshwar, is a Professor in Electronics Engineering Department, RajaramBapu Institute of Technology, Sangli. He is pursuing his PhD from VTU, Karnataka.

The session started with an introductory welcome to the resource persons who later on took over the stage to introduce the students to the Graduate Aptitude Test in Engineering (GATE). It is an examination that primarily tests the comprehensive understanding of various undergraduate subjects in engineering and science and as such the resource persons shared bulk information on the nature of exam; exam pattern and the important dates.

The session was concluded with a motivating interaction by Dr. Neena Panandikar, Principal, with the gathered students. As a token of appreciation; a memento was awarded to the resource persons at the hands of Dr. Neena Panandikar.

Don Bosco College Of Engineering - ISTE Faculty Chapter Inauguration

ISTE New Delhi approved the Faculty Chapter of Don Bosco College of Engineering in July 2017. The inaugural ceremony of DBCE ISTE Faculty Chapter was held on Thursday, 31 August 2017 at 3.30 pm in the Seminar Hall at the institute. Newly inducted ISTE members along with faculty with life membership were present at the inaugural ceremony.

Prof. Pratapsinh Desai, President of Indian Society



for Technical Education (ISTE) was the chief guest of the faculty inaugural chapter function.

At the inauguration of the event Fr. Kinley D'Cruz, Director delivered an overview of the Don Bosco Salesian Society and the Preventive System of Education concept. He narrated that through its Schools, Colleges, Technical Colleges and Youth Centers worldwide; the Salesians of Don Bosco serve all young people.

Dr. Neena Panandikar, Principal welcomed the gathering and introduced the chief guest to the audience.

The chief guest Prof. Pratapsinh Desai in his inaugural address presented an overview of ISTE organization and the various activities that can be held under ISTE faculty chapter. He also spoke on the need for the use of technology by teachers as technology is progressing at a faster rate in today's world.

Prof. Desai distributed the ISTE membership certificates to the newly inducted members. The chief guest was felicitated by the Director, Fr. Kinley D'Cruz and presented with a memento of appreciation. Ms. Natasha Jaques proposed the vote of thanks.

Live Jam Foundation, "Breakfree Concert", held at Don Bosco College Of Engineering, Fatorda.

Live Jam Foundation is a Global Youth Movement, passionate to see the transformation of Urban Youth, through Music and Media and pioneer humanitarian and community uplift initiatives. As part of this, Live Jam partner with musicians and artists.

As part of one of their programs, they visited the college on the 13th of September, 2017 and featured a winner of 2012 Best Indian Act at MTV Europe Music Awards, Aloba Naga. He is an Artist, Composer and a Songwriter and one of the most refined, popular & well-known artistes from North East India. Aloba Naga put his soul into his music and rendered heart stirring music to the students. He spoke of his life and how it changed him. He said: " Loneliness makes you see the negatives of life and often you find yourself stuck in the same dark room and you forget what life

is all about.” He encouraged the students to come out of their negative situations as there is always hope for everyone. The students enjoyed the programme and gave a very positive feedback.

Non Violence Day

The UN declared October 2nd as world Non Violence Day. To commemorate this, the college organized a Drawing competition on “Non Violence” for the students on October 4th 2017. In all, there were 5 participants. Prof. Amey Kerker and Prof Roseline Fernandes judged the competition and found that the students have great potential in art and it was displayed in an artistic manner. The winners, Udhav Naik from B.E Civil was awarded the 1st place and Rasika Patil from T.E ETC was awarded the 2nd place.

Wheebox Employability Skills Test

Don Bosco College of Engineering conducted the Wheebox Employability Skills Test in the week starting 25th September 2017.

WEST (Wheebox Employability Skill Test) is the only pre-screening test in the country that is endorsed by Industry Bodies and Academia alike. With more than 200 thousand students having undergone WEST, the test is validated and standardized. WEST helps employers to short list candidates using WEST scores and the assessment provides initial transcript and detailed scorecards for each module to the candidate highlighting the strengths and improvement areas. Wheebox Employability Skill Test is jointly endorsed by Confederation of Indian Industry (CII) and Association of Indian Universities (AIU).

The test was coordinated by Prof Roseline Fernandes and Prof Amey Tilve along with the department placement coordinators.

Counseling department organized guest lecture for the B.E.

The Counseling department organized a guest lecture for the B.E. classes from the 7th of August to the 10th of August, 2017, during the value education lecture.

The guest invited was Mr. Malcom Dias, a

Mechanical Engineer with a degree in MBA from GIMs and an added degree from Berkley University in Sound Engineering. He is currently the director of T.I.M.E.

Independence Day 2017

The 71th Independence Day was celebrated at Don Bosco College of Engineering, Fatorda on the 15th of August 2017. The Chief Guest, Rev. Fr. Paul D' Souza, presently Rector of Don Bosco Fatorda, unfurled the National Flag. A second year Computer student Ms. Yash Prabhu Gaonkar accompanied by NSS Voluners sang the National Anthem. Anushka from second year civil and Saieesha from second year computer performed a barathnatyam dance.

Principal, Dr. Neena Panandikar addressed the gathering with an inspirational speech. The Chief Guest, Fr. Paul D' Souza gave a motivating speech, he emphasised the achievements and concerns the country presently faces. He spoke on the leadership skills of various world leaders and how we need to inculcate them, to become better citizens.

The function ended with a Vote of Thanks given by Mr. Ronan Revadker. The function was compered by a third year Mechanical student Mr. Kai DaCosta.



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