

# Luminoso

Science and Humanities Department's Newsletter

Volume 04, Issue 01, July - December 2019

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Editors

Asst. Prof. Steefni Ema Cruz (Faculty)

Ms. Athena Richa Rodrigues (Student)

## VISION

To build a stairway, empowering engineering dreams to success, broadening intellectual perspectives, fostering research and developing ethical humane engineers for the global world.

## MISSION

- To achieve academic excellence through intellectual pursuits, promoting research abilities, implementing innovation through a multidisciplinary approach towards technological advancements.
- Fostering team spirit, professional conduct, personality development and building skilled human resource.
- Striking a balance between nurturing the environment and technological advancements.

## DEPARTMENTAL DETAILS

The Department of Science and Humanities forms an integral part of the first year engineering students as it lays the foundation for technical education wherein the ethos of Science and Technology prevails.

The Department of Science and Humanities offers courses in Engineering Mathematics, Applied Sciences (Physics & Chemistry), Technical English, Environmental Science and Managerial Economics. These courses enhance the applicative aptitude of the students in various branches of engineering.

The faculty is involved in developing the aptitude and curriculum based knowledge of individual students. Students are encouraged to contribute towards intensifying their respective professional strengths and inter - personal skills under the banner of the association 'SEEDS'.

The department has three laboratories - Physics Laboratory, Chemistry Laboratory and Language Laboratory. Physics Laboratory- Physics being an integral part in Engineering and Technology creates awareness for the students to understand the fundamental concepts of Engineering and Technology. In brief, it lays a foundation in which the students want to excel in their own field of interest. Chemistry Laboratory- The need for Chemistry in engineering is conveyed to the students in the form of theory and practical classes which helps the students to enhance their practical skills. Language Laboratory – The language laboratory is equipped with I-Tell Orell Digital Software (Premium P1) so as to improve effective communication through practical exercises. Research also forms an integral part of the development of the Department of Science and Humanities.

## STUDENTS' CORNER

### ORIENTATION FOR FIRST YEAR ENGINEERING STUDENTS

As mandated by the AICTE Model Curriculum from the current academic year 2019-20, Don Bosco College of Engineering-Fatorda, conducted a two-week orientation programme for the newly inducted first year engineering students. The schedule was meticulously prepared keeping in mind the norms and recommendations set in the model curriculum spread across 10 days.

#### **Day 1 (1<sup>st</sup> July 2019)**

The students were divided as per their branch (Mechanical, ETC, Computer & Civil) and the sessions were conducted separately at four different venues. In the morning session, the Mechanical and Civil engineering students were addressed by the Director- Rev. Fr. Kinley D'Cruz and Principal- Dr. Neena Panandikar. The Director briefed them about the inception of the college and gave general instructions on discipline and overall behaviour in the institution. The Principal brought to the students' awareness the various activities and achievements of the college. The ETC and Computer engineering students were



addressed by Rev. Fr. Austin Fernandes and Prof. Roseline V. C. Fernandes. Rev. Fr. Austin conducted a session on values and Prof. Roseline V. C. Fernandes delivered a talk on career options. In the afternoon session, all the four branches were engaged in ice-breakers and talent search activities.

#### **Day 2 (2<sup>nd</sup> July 2019)**

In the morning session, the ETC and Computer engineering students were addressed by the Director- Rev. Fr. Kinley D'Cruz and Principal- Dr. Neena Panandikar. The Civil and Mechanical engineering students were engaged by Rev. Fr. Austin Fernandes and Prof. Roseline V. C. Fernandes on values and career options respectively. In the afternoon session, the students were addressed by faculty from their respective branch on "The Role of Engineers in Society & Industry" This was followed by a session delivered by the heads of respective departments on Vision, Mission and Accreditation.



### **Day 3 (3<sup>rd</sup> July 2019)**

The day started in the morning with a session on input of Syllabus & Examination Process delivered by Dr. Kala R. Nayak, Registrar & HOD of Department of Science & Humanities. This was followed by an interactive session with the senior students & alumni of respective departments. In the afternoon, the students were given an insight into all the activities through parallel sessions on Cultural, Sports, NSS, E-cell, IEEE, SEEDS, Satellite Club, FSAI and the respective department Associations.



### **Day 4 (4<sup>th</sup> July 2019)**

Students of all the four branches had a workshop on Communication Skills conducted by Prof, Steefni Ema Cruz and Prof. Jyoti Lewis. The Librarian- Mr. Roland D'Cruz then briefed the students on Library facilities & the availability of e-books. Fun sports and talent activities were conducted in the afternoon session.

On day 5 students were taken on a field trip. The report of the same is given later on in this newsletter.

### **Day 6 (8<sup>th</sup> July 2019)**

The first day of the second week of the orientation programme began with a session on "Attitude & Teamwork" given by Mr. Ramchandra Prabhu Salgaonkar, Founder of Amaze Warriors. Through his interactive audio-visual session Mr. Salgaonkar highlighted the importance of having a positive attitude and the essentials of working in a team. This was followed by a session on Placements, Training & NPTEL online courses by TPO Prof. Roseline V. C. Fernandes. In the afternoon session, Prof. Grebiana Alemao, Counsellor, explained the mentoring process, its importance and modalities. Prof. Maya Lin Noronha, Counsellor, then gave a session on Time management and studying tips.

### **Day 7 (9<sup>th</sup> July 2019)**

The day started with a lively and interactive session on Meditation & Yoga conducted by Mr. Vishvanath Swar from MES HSS, Zuarinagar. Mr. Swar demonstrated various breathing & meditative exercises and explained their importance to relieve stress and increase concentration. This was followed by a workshop on Vedic Mathematics conducted by Mr. Sagar Sakordekar, Director, SRS Vedic Mathematics Academy, Ponda. Mr. Sakordekar showed with examples how problems of multiplication can be done easily using rules of Vedic Mathematics. The workshop was well enjoyed by all the FE students. In the afternoon session, Dr. Kala R. Nayak, Registrar made the students aware of the various scholarships they can avail of for payment of their fees. Prof. Gladys D'Silva then briefly explained the UGC Anti-Ragging Act and the penalties imposed for the offence of ragging. The final session was on Innovative Projects. Faculty from respective branches showed and explained to the students the various innovative projects done by the previous batches of BE students and also the possible future projects in the respective fields.



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## Day 8 (10<sup>th</sup> July 2019)

The first session of the day was on “Positive & Healthy Mind” delivered by Dr. Aldina Braganza, Associate Professor of Psychology, Carmel College, Nuvem. Through her interactive session and lively examples Dr. Braganza brought out the importance of thinking positively to succeed in life. The next session was on “Health & Nutrition” delivered by Ms. Sheina Paula Pereira Costa, Health Educator, Manovikas English Medium School. Through her presentation, Ms. Sheina highlighted the importance of a balanced diet for a healthy living Mr. T R Venugopal, Corporate Relations Manager, FIIRE, explained to the students the concept of business idea incubation and the start-up incubation process being followed at the Forum for Innovation Incubation Research & Entrepreneurship (FIIRE). This was followed by a session on “Cyber Crime” by Inspector Mallikarjun Mali, Cyber Forensic Expert, Cyber Crime Cell, Ribandar and a session on “Drug Abuse” by PSI Manjunath, Anti-Narcotics Cell, Panjim. Both these police personnel explained to the students the meaning of cybercrime and drug abuse and how not to fall prey to the same.



## Day 9 (11<sup>th</sup> July 2019)

A scientific calculator is an essential tool for every engineering student and it is equally important to know the proper use of its various functions. Keeping this in mind, a hands-on workshop on the use of scientific calculator was conducted for the FE students in the morning session by Prof. Melba D’Souza, Prof. Yeshudas Muttu, Dr. Kala R. Nayak & Prof. Chetan Gaonkar. This was followed by a session on “Constitution of India” delivered by Mr. Sumeet Naik, Journalist. Through his session, Mr. Naik emphasised on the Fundamental Rights and Directive Principles described in the constitution. In the afternoon session, faculty from respective departments gave information about their department and laboratories and then took the students for a tour of the college showing them their classrooms, workshops, laboratories and the FIIRE campus.

## Day 10 (12<sup>th</sup> July 2019)



In the morning session students of all the branches were made to assemble in the auditorium and various activities were conducted to help the students showcase their talents. This was followed by a very inspiring talk on “Leadership Development” by Dr. Dayanand Rao, Gynaecology Department, GMC. In his session Dr. Rao encouraged students to follow their passion and give in their best towards it, not to be bogged down with failures but to accept them as challenges and grow in life. In the afternoon session the students formed groups and gave their feedback of the two-week orientation program in the form of power point and video presentation.

## **ORIENTATION FOR PARENTS OF FIRST YEAR ENGINEERING STUDENTS**



An orientation programme was conducted for the parents of the FE students on 13th July 2019 in the college auditorium. As the parents came in they were welcomed and registered by the respective class teachers. The orientation began with an address by the Director, Rev. Fr. Kinley D'Cruz, wherein, he briefly explained the history of Don Bosco and the various Don Bosco institutes. Rev. Fr. Kinley also told the parents about the rules & discipline expected from the students in the institute. Dr. Neena Panandikar, Principal, then gave an overview of the various activities being held at Don Bosco College of Engineering and highlighted the progress of the college over the recent years.

Following this, Dr. Kala R. Nayak, Registrar, introduced the class teachers and the faculty who will be teaching the FE students. She also informed the parents about the FE scheme of instructions of the 1st & 2nd semester as per the newly introduced AICTE model curriculum. Further, Dr. Nayak briefed the parents about the various scholarships that the students can avail of. This was followed by the heads of the Science & Humanities, Mechanical, Civil, ETC and Computer Engineering Departments highlighting the activities and achievements of their respective departments.



Prof. Roseline V. C. Fernandes, TPO, gave a report of the placement drives and the status of students placed over the recent years. The orientation concluded with a vote of thanks by Prof. Jyoti Lewis. The parents were then taken around the campus and shown the various labs, workshops, classrooms, etc.

## **INAUGURAL OF FIRST YEAR ENGINEERING**

The inaugural for the new academic year 2019-20 was held at Don Bosco College of Engineering-Fatorda on 15th July 2019. The service began with a short presentation showcasing the different activities of the college. Scriptures from the Holy Quran, Bhagvat Gita and the Holy Bible were read along with a prayer on behalf of the faculty and students. A video of a beautiful Bhajan was played.



The service was marked by the solemn lighting of the lamp by the Provincial – Rev. Fr. Felix Fernandes, Vice Provincial – Rev. Fr. Clive Telles, Economist – Rev. Fr. Francis Silveira, Rector- Rev. Fr. Paul D’Souza, Director- Rev. Fr. Kinley D’Cruz, Rev. Fr. Austin Fernandes, Principal- Dr. Neena Panandikar, Registrar- Dr. Kala R. Nayak, along with a first year student.

Speaking on the occasion, Rev. Fr. Kinley D’Cruz welcomed the first year students and spoke about how important it is to have values. He explained to the students how it is important to act professionally in behaviour, attitude and dressing.

Dr. Neena Panandikar insisted that the students should aim for all round development and not just academics. She informed them that the college has a state-of-the-art Incubation and Sports Centre and that the students should make best use of them.

Rev. Fr. Felix Fernandes congratulated the students for having secured admissions in Don Bosco College of Engineering-Fatorda. He further spoke about Stephen Covey’s book “The Seven Habits of Highly Effective People”, which is a road map to a successful future.



The Academic Calendar, Student Handbook and the Mentoring Hand Book, were released at the hands of Rev. Fr. Felix Fernandes and Rev. Fr. Clive Telles released the newsletter “Connections”. Dr. Kala R. Nayak, Registrar and HOD of Science and Humanities, proposed the vote of thanks. The compere for the function was Ms Grebian Alemao.

## STAIRWAY TOWARDS EMPOWERING ENGINEERING DREAMS TO SUCCESS (SEEDS)

The installation of the Students Association (SEEDS) Council for the academic year 2019-20 was inaugurated on 24th August 2019, in the presence of the Chief Guest Mr. Clinton Vaz Founder of VRecycle Waste Management Services, Director - Rev Fr. Kinley D’Cruz, Principal- Dr. Neena S. P. Panandikar, Registrar- Dr. Kala R. Nayak and Faculty Coordinators- Asst. Prof. Ulpa Waingankar and Mrs Maya Lin Noronha.

SEEDS- “Stairway towards Empowering Engineering Dreams to Success’ which was initially installed in February 2014, was formed with the primary aim to provide a platform for the first year students to enhance their reasoning, creative ability and get them prepared to confidently face the challenges in the technical field. This year the theme for SEEDS 2019-20 is EcoTech. The function began with a prayer song followed by the dignitaries along with staff coordinators and student council watering 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.



Registrar- Dr. Kala R. Nayak administered the oath and introduced the newly inducted council members:

Chairperson- Ms. Ritika Ghanti

Treasurer- Mr. Mohammed Irfan Dukandar

Secretary- Mr. Jolton Rodrigues

### **Class members:**

F.E. Mechanical 1– Mr. Nikarsh Bandekar

F.E. Mechanical 2 – Mr. Simron Rodrigues

F.E. ETC – Mr. Pradin Chitari

F.E. Computer- Mr. Nafiro Fernandes

F.E. Civil – Mr. Sanat Prabhudessai

Following this Principal - Dr. Neena S. P. Panandikar welcomed the gathering thanking the outgoing SEEDS committee for their outstanding work and congratulated the new committee by encouraging them to achieve greater heights. In his speech, Rev. Fr. Kinley D'Cruz spelt out the acronym of SEEDS to motivate the students to achieve success in all their endeavors. He said the stairway takes students and their abilities to the next level. He encouraged the students to take part in all events actively so that they grow and make things happen for them in a positive light. 'SEEDS' is an opportunity to experiment with abilities of the students. He told them not to chase success but do what you love and love what you do and success will automatically follow. He ended by saying, 'working on the right thing is more important than working hard'.

The Chairperson of SEEDS, Ms. Ritika Ghanti, then, laid out the plans for the academic year 2019-20. The events were selected in such a way so as to ignite the thought process of young minds. Speaking on the occasion, Chief Guest Mr. Clinton Vaz said that he felt honored to be amongst the youngsters. He said that it is very important for the youngsters to know what they like and to pursue it. Laying out his experience and how he, a Mechanical Engineer, got into waste management, he said that 20 percent of what you study is used in reality but that 20 percent is very important; the software learnt helps in designing. He motivated the students by saying that they can do whatever they want, they just have to keep their minds open. It is not always that the smartest are the best but there is hope for all. Recognition will be yours when you know how you use your mind. He ended his speech telling the students to always have positive thoughts about their studies.



Refreshments were given to the students after which various activities were held ranging from competitions like Debate, Quiz, Collage making, T-shirt painting, Street Play and Photography. The seed bombs made by students during the environmental science classes were displayed in the auditorium. The day ended with the screening of an inspirational movie, "BIG DREAM: Engineering Our World".

## FIELD VISIT

On 5<sup>th</sup> July 2019, as part of the Orientation Programme, the First Year students were taken on a field visit to the Naval Aviation Museum at Dabolim. Here, the students had the opportunity to see the decommissioned fighter aircrafts, helicopters and civilian aircrafts used by the Indian Air force and



Navy from independence to current day. Altogether 13 aircrafts were on display, some of which were the only existing examples in the world.



The students were then taken to the National Centre for Polar & Ocean Research (NCPOR) at Vasco. Here the students interacted with Dr. M.V. Ramesh, Research Associate & Co-coordinator, Education & Outreach. Dr. Ramesh enlightened the students about the various activities and expeditions carried out by NCPOR and the role engineers have to play in the same. Students were then taken around the facility. A total of 236 students participated in the field visit.

## ACIHEVEMENTS & FELICITATION

### CULTURAL

- Ms. Rea D'Souza and Mr. Saish Pawar from FE Computer Engineering, Mr. Shubham Rane from FE Mechanical Engineering I and Mr. John Joseph Reji from FE Civil Engineering participated in an Essay Writing Competition organized by Dr. P.S. Ramani Medical Foundation on 30 Aug 2019.
- Mr. Dayanand Sampath Naidu from FE Civil Engineering, Ms. Anushka M Shetty, Ms. Sejal S Naik, Mr. Kaiser Souza, Mr. Ashish A Mishra, Mr. Oysturn Xavier Vas, Ms. Prachi Parab, Ms. Cheryl Fernandes, Mr. Arya Digambar Shanbhag, Ms. Druvi Prakash Tendulkar, Ms. Rea Saramaria D'Souza from FE Computer Engineering, Mr. Abdullah Abbad, Mr. Duane Antao, Ms. Jemimah Gonsalves, Ms. Britney Viendra Mascarenhas, Ms. Anjima Rajesh, Ms. Adhira Joan Coutinho, Ms. Faazila Ibrahim Mulla, Ms. Anrea Peixoto, Mr. Arbaaz Shaikh, Mr. Hrishikesh G Prabhu, Ms. Muskaan Khan from FE Electronics and Telecommunication Engineering participated in the Heartfulness Essay Event organized by Shri Ram Mission in collaboration to United Nations Information Centre for India and Bhutan and Heartfulness Education Trust on 11 Sept 2019.
- Mr. Dayanand Naidu from FE Civil Engineering participated in the Essay Competition organized by the NSS wing of DBCE on 18 Sept 2019.

- Mr. Germano D'Costa, Mr. Hayden Fernandes and Mr. Aneeket Kunkolkar from FE Computer Engineering participated in Techyon 2019 organized by PCCE on 26 Sept 2019.
- Mr. Jonathan D'Sa from FE Mechanical Engineering I, Mr. Joshua Fernandes, Ms. Sidhilaxmi Shenoy, Mr. Kaiser Souza, Ms. Prachi Parab, Mr. Hayden Fernandes, Mr. Germano D'Costa, Mr. Nafiro Fernandes, Ms. Sejal Naik, Mr. Arya Shanbag, Mr. Oysturn Vaz, Ms. Shrishti Virdikar, Ms. Anushka Shetty from FE Computer Engineering and Ms. Saishree Shirodkar from FE Civil Engineering participated in Plexus 2019 organized by Goa Medical College on 27, 28, 29 Sept 2019. .

## SPORTS

- Ms. Cheryl Fernandes from FE Computer Engineering participated in Badminton (Women) organized by Goa University from 16 July to 19 July 2019.
- Mr. Arya Shanbhag, Mr. Abhishek Borkar and Mr. Carson Rodrigues from FE Computer Engineering participated in Chess organized by Goa University on 22 July 2019.
- Mr. Histon Pango, Mr. Aneeket Kunkolkar from FE Computer Engineering and Mr. Lenny Vaz FE Electronics and Telecommunication Engineering participated in Football organized by Goa University on 29 July 2019.
- Mr. Sanresh Mapsukar from FE Computer engineering participated in Table Tennis (Men) organized by Goa University from 30 July to 1 August 2019.
- Ms. Ritika Ghanti from FE Computer engineering participated in Table Tennis (Women) organized by Goa University from 30 July to 1 August 2019.
- Mr. Kaushik Khedekar from FE Mechanical Engineering I participated in Chess organized by Goa University on 7 August and 8 August 2019.
- Mr. Carson Rodrigues from FE Computer engineering and Mr. Clive Rodrigues from FE Mechanical Engineering II participated in Taekwondo State Championship organized by Goa University from 17 to 18 August 2019 and won 2 Gold Medals, 1 Silver Medal, 1 Bronze Medal and Runner up Trophy.

## TECHNICAL

- Mr. Abul Fazal Sayed and Mr. Mandar Borkar from FE Electronics and Telecommunication Engineering participated in Kshitij organized by DBCE on 25<sup>th</sup>, 26<sup>th</sup>, 27<sup>th</sup> July 2019 and won the first place for their project.
- Mr. Dhruv Bhende, Mr. Veron Dias, Mr. Josten D'Souza, Mr. Clive Rodrigues from FE Mechanical Engineering II participated in Kshitij organized by DBCE on 25<sup>th</sup>, 26<sup>th</sup>, 27<sup>th</sup> July 2019 and won the second place for their project.
- Mr. Dayanand Naidu from FE Civil Engineering participated in Kshitij organized by DBCE on 25<sup>th</sup>, 26<sup>th</sup>, 27<sup>th</sup> July 2019 and won the third place for their project.
- Mr. Ikram Saudagar, Mr. Subhav Borker, Mr. Nathan Mazerello from FE Mechanical Engineering I participated in Kshitij organized by DBCE on 25<sup>th</sup>, 26<sup>th</sup>, 27<sup>th</sup> July 2019.
- Mr. Balkrishna Bhatkar, Mr. Sankalp Tuenkar, Mr. Harsh Navelkar, Mr. Braydon D'Souza, Mr. Dayanand Naidu from FE Civil Engineering, Mr. Varun Prabhu Dessai, Mr. Pratik P. Naik, Mr. Clayton Fernandes, Mr. Atif Ahmed, Mr. Irfan Mohammed from FE Mechanical Engineering I, Ms. Artika Vernekar, Mr. Clive Rodrigues, Mr. Neshville Gracias, Mr. Dhruv Bhende, Mr. Ashish Melekar from FE Mechanical Engineering II, Mr. Eshan Lotlikar, Mr. Pradyumn Karapurkar, Mr. Roald Cotta, Mr. Duane Antao, Mr. Maynard Gomes from FE Electronics and Telecommunication Engineering, Mr. Reev D'Souza, Mr. Carson Rodrigues, Mr. Kaiser Souza, Mr. Aman Lad and Ms. Sejal Naik from FE Computer

Engineering attended a talk on Exponential Technology and Future of Jobs organized by Vibrant Goa Foundation on 08 August 2019.

- Mr. Abul Fazal Sayed participated in AARUSH'19 – 5<sup>th</sup> Edition of National Level Industry-Institute Convention organized by PCCE on 13 August 2019.
- Mr. Dhruv Bhende participated in Photography Competition organized by SEEDS on 24 August 2019 and won the first place.
- Mr. Abul Fazal Sayed from FE ETC had participated in Innovative Idea Competition organized by IQAC, Dnyanprassarak Mandal's College and Research Centre on 29<sup>th</sup> and 30<sup>th</sup> August 2019 and won the first place.
- Ms. Luella Sequeira from FE Civil Engineering participated in Poster Competition organized by IIC, DBCE on 15 October 2019 and won the second place.
- Ms. Anushka Shetty, Mr. Arya Shanbhag, Mr. Kaiser Souza, Ms. Sejal Naik, Ms. Sidhilaxmi Shenoy, Mr. Carson Rodrigues, Ms. Shrishti Virdikar from FE Computer Engineering and Mr. Clive Rodrigues from FE Mechanical Engineering II volunteered at the Vibrant Goa Expo organized by Vibrant Goa Foundation on 19<sup>th</sup> October 2019.
- Mr. Abul Fazal Sayed from FE ETC has his project selected for the Prototyping Stage for the India Innovation Challenge Design Contest organized by AICTE-DST-Texas Instruments IICDC, 2019.
- Mr. Dhruv Bhende of FE Mechanical II has been selected as the official guest photographer for BITS Oasis, India's Largest Inter-collegiate fest.

## PROFESSIONAL CHAPTERS

The college has started a local chapter of National Programme on Technology Enhanced Learning (NPTEL) which provides e-learning through online Web and video courses in Engineering, Sciences, Technology, Management and Humanities. Ms. Jaysel Theresa Silveira and Ms. Druvi Prakash Tendulkar from FE Computer Engineering completed an NPTEL Course "Introduction to Programming in C" and Ms. Athena Richa Rodrigues from FE Computer Engineering completed an NPTEL Courses "Technical English for Engineers and Programming in C++"

## FACULTY INITIATIVES

### Departmental Café



The Department had its 3<sup>rd</sup> and 4<sup>th</sup> Café Sessions wherein Asst. Prof. Gladys Da Silva delivered a talk on Facts of Chemistry stating many chemistry facts like the cooling effects of water telling us that warm

water cools faster and demonstrating how sugar when mixed in water increases in volume and density rather than salt water. Counselor Maya Lin Noronha spoke on Be An Angel Any Day on 13 July 2019 saying that happiness starts with each one of us. On 10<sup>th</sup> August 2019, Asst. Prof. Deziy D'Souza delivered a talk on Chemistry of Foods giving us insight into the chemistry that is involved in our favorite foods and beverages and Asst. Prof. Ulpa Waingankar introduced us to the topic of Fractals which mean fragmented dimensions that are seen almost everywhere in nature and our bodies too.

### WORKSHOPS/SEMINARS/EXPERT TALKS ATTENDED

- Prof. Maya Lin Noronha has aced the NPTEL Examination for the course Enhancing Soft Skills and Personality organized by NPTEL in association with Department of Science and Humanities, IIT Kanpur with an achievement of Topper of 1 percent which was held from February to April 2019.
- Dr. Kala R. Nayak attended a 'Workshop on R' organized by IIT, Bombay, on 9 November 2019 at Don Bosco College of Engineering.
- Prof. Harison Cota attended a two-day workshop on Material Science organized by Goa University in association with University of Coimbra and University of Porto on 18 and 19 November 2019 at Goa University.
- Dr. Kala R. Nayak has aced the NPTEL Examination for the course Introduction to Biostatistics organized by NPTEL, IIT Mumbai with an achievement of Elite topper which was held from July to September 2019.
- Prof. Maya Lin Noronha has successfully completed the NPTEL Examination for the course Ethics in Engineering Practice organized by NPTEL, IIT Karagpur with an achievement of Elite which was held from August to October 2019.

### WORKSHOPS/SEMINARS/EXPERT TALKS PRESENTED/CONDUCTED

- Asst. Prof. Avila Sumeet Naik organized a one day NPTEL Awareness Workshop for IIT, Madras at Don Bosco College of Engineering on 21 July 2019.
- Asst. Prof. Avila Sumeet Naik presented a paper on the topic 'Geographic Information System and Remote Sensing Education in India - Issues and Solutions' for the IGARSS International Conference in Yokohama, Japan on 01 August 2019 and also got it published on the IEEE Explorer Journal.
- Dr. Kala R. Nayak has published a paper on the International Journal of Applied Mathematics and Statistics on the topic 'A New Procedure for Detecting the Population Having More New Better Than Used Property Based on U-Statistics'.
- Dr. Kala R. Nayak presented a paper titled 'Reliability Under Strength Attenuation of a System Under Repeated Attacks' for the International Conference on '**Recent Advances in Statistics and Data Science for Sustainable Development**' organized by Post Graduate Department of Statistics, Utkal University, Bhuvaneshwar, Odisha-India from 21/12/2019 - 23/12/2019

## UPCOMING EVENTS

- An event under SEEDS is planned to be organized on 28<sup>th</sup> of March 2020.