

Luminoso

Science and Humanities Department's Newsletter

Volume 04, Issue 02, January - June 2020

Inside this issue

◆ Student Corner ◆

- SEEDS
- Achievements & Felicitation
- Professional Chapters

◆ Faculty Initiatives ◆

- Departmental Café
- Virtual Lab Session
- IIC E-Sessions
- Innovating Teaching Tools used during the Covid-19 Pandemic
- Workshops/ Seminars / Expert Talks Attended
- Workshops/ Seminars / Expert Talks Conducted
- Publications

Upcoming Events

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 prevail.

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 offers courses in Engineering Mathematics, Applied Sciences (Physics & Chemistry), Technical English,

Engineering Geology and Communication Skills. These courses enhance the applicative aptitude of the students in various branches of engineering.

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

STAIRWAY TOWARDS EMPOWERING ENGINEERING DREAMS TO SUCCESS (SEEDS)

The SEEDS event was scheduled to be held on March 28, 2020 but due to the unforeseen circumstance of the Corona Virus Pandemic, all classes were suspended from March 16, 2020. Hence, the valedictory function of SEEDS could not be held. However, following is a list of the events that were planned by the SEEDS Council headed by Ms. Ritika Ghanti along with faculty In-charges, Asst. Prof. Ulpa Waingankar and Counsellor, Mrs. Maya Lin Noronha:

- A 3-minutes Motivational Talk on the topic 'Life Towards a Better Environment'
- Short Movie Making on the theme 'I am a Friend of the Environment'
- An Original Song Composition and Singing Competition with the theme "Environment"
- News Reporting on 'Positive Efforts in the Following Year on Environment'

Since the Theme of the Year 2019-2020 was 'EcoTech', all events planned were related to the Environment and Ecology.

ACHIEVEMENTS & FELICITATION

CULTURAL

- Mr. Oysturn Dias and Mr. Carson Rodrigues from FE Computer Engineering participated in the Wipro Earthian Sustainability Quiz Competition held at Goa Institute of Management on January 11, 2020.
- Mr. John Joseph Regi from FE Civil Engineering participated in the IC-ACI Students' Essay Competition on the topic "Design and Quality Assurance for Durability of RCC Construction" organized by Indian Chapter of American Concrete Institute on February 08, 2020.

- Ms. Anrea Peixoto, Ms. Jemimah Gonsalves from FE Electronics and Telecommunication Engineering, Ms. Cheryl Fernandes and Ms. Anushka Shetty from FE Computer Engineering participated in an Inter Collegiate Essay Writing Competition on the topic “The Challenges of Urbanisation in Goa” organized by The International Centre, Goa on March 14, 2020.
- FE Computer Engineering class was the Overall Winners of the College Cultural Fest “PROCYON 2020”. It is the first time since the event began that a first year class won the overall trophy.

SPORTS

- Mr. Subhav S. Borkar, Mr. Cyrus Santos and Mr. Neshville Gracias from FE Mechanical, Mr. Sujeet Ranajit Patil from FE Electronics and Telecommunication Engineering participated in the Inter-Collegiate Men Cycling Competition organized by Goa University on January 06, 2020.
- Ms. Adhira J. Coutinho from FE Electronics and Telecommunication Engineering, Ms. Ritika Ghanti from FE Computer Engineering, Ms. Luella Sequeira from FE Civil Engineering participated in the Inter-Collegiate Basketball Tournament (Women) organized by Goa University from January 09, 2020 to January 13, 2020.
- Mr. Ruben Fernandes, Mr. Steven G Mascarenhas from FE Computer Engineering, participated in the Inter-Collegiate Basketball Tournament (Men) organized by Goa University from January 09, 2020 to January 13, 2020.
- Mr. Pradyumn Karapurkar from FE Electronics and Telecommunication Engineering, Mr. Pralav Kerkar and Mr. Sanresh Mapsukar from FE Computer Engineering Mr. Raunak Chari and Mr. Sanat Prabhudessai from FE Civil Engineering participated in the Inter-Collegiate Cricket Tournament organized by Goa University from February 02, 2020 onwards.
- Ms. Adhira J. Coutinho from FE Electronics and Telecommunication Engineering, Ms. Ritika Ghanti from FE Computer Engineering participated in the Inter-Collegiate Volleyball Tournament (Women) from February 11, 2020 to February 14, 2020.

TECHNICAL

- Mr. Sayed Abul Fazal from FE Electronics and Telecommunication Engineering has secured a position in the Grand Finale of the Smart India Hackathon 2020 for his Electrovert Model.
- 95 students from the First Year Engineering Degree have passed various NPTEL Courses for the Semester of January – June 2020 with distinction and first-class grades.
- Mr. Clive Savio Rodrigues from FE Mechanical II successfully completed a 4-week online course on ‘Introduction to Trading, Machine Learning & GCP’ offered by New York Institute of Finance through Coursera on February 23, 2020.
- Mr. Samuel Ashish Carvalho from FE Mechanical Engineering II successfully completed a 4-week online NPTEL course on ‘Laws of Thermodynamics’ offered by IIT, Kharagpur and passed with a score of 61 per cent from January – February 2020.
- Mr. Carson Conception Rodrigues from FE Computer Engineering successfully completed a 12-week online NPTEL course on ‘Data Analytics with Python’ offered by IIT, Kharagpur and excelled with a score of 92 per cent from January to April 2020.
- Mr. Carson Conception Rodrigues from FE Computer Engineering successfully completed a 12-week online NPTEL course on ‘Problem Solving Through Programming in C’ offered by IIT, Kharagpur and excelled with a score of 99 per cent from January to April 2020.
- Mr. Samuel Ashish Carvalho from FE Mechanical Engineering II successfully completed a 12-week online NPTEL course on ‘Problem Solving Through Programming in C’ offered by IIT, Kharagpur and excelled with a score of 94 per cent from January – April 2020.
- Mr. Clive Savio Rodrigues from FE Mechanical II successfully completed a 4-weeks online course on ‘Using Machine Learning in Trading and Finance’ offered by New York Institute of Finance through Coursera on February 23, 2020.

- Mr. Carson Conception Rodrigues from FE Computer Engineering successfully completed an 8-week online NPTEL course on ‘Ethics in Engineering Practice’ offered by IIT, Kharagpur and excelled with a score of 86 per cent from February to April 2020.
- Mr. Saish Pawar from FE Computer Engineering did an Internship for the designation of a Graphic Designer with Zila (Giscle Systems Pvt. Ltd.), Bangalore for a period of 3 months from April to June 2020.
- Ms. Reeva Caldeira has been chosen as an Internshala Student Partner for Don Bosco College of Engineering from May 26, 2020 to August 07, 2020.
- Mr. Carson Rodrigues from FE Computer Engineering participated in CodeAger Competition organized by IEEE-VIT Voyager 2020 hosted by HackerRank, Vidyalankar Institute of Technology on May 31, 2020.
- Ms. Anrea Peixoto from FE Electronics and Telecommunication Engineering successfully completed an online course on ‘Career-Edge – Knockdown the Lockdown’ offered by Tata Consultancy Services from April 30, 2020 to June 10, 2020.
- Mr. Carson Rodrigues from FE Computer Engineering participated in ‘Lets Code Coding Competition’ organized by IEEE Student Branch of Central University of Karnataka as part of SRISHTI (Techno-Cultural Event) on June 05, 2020.
- Mr. Shubham Prashant Kamat from FE Civil Engineering participated in “Test Your Brain” – An Online Business Quiz organized by Department of Management Studies, J D College of Engineering and Management, Nagpur from June 05, 2020 to June 08, 2020.

PROFESSIONAL CHAPTER

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. The student coordinators for the same are Mr. Dayanand Naidu from FE Civil, Mr. Sigmund D’Souza from FE Mechanical I, Mr. Veron Dias from FE Mechanical 2, Mr. Eshan Lotlikar from FE Electronics and Telecommunication and Mr. Reev D’Souza from FE Computer.

FACULTY INITIATIVES

Departmental Café



The Department of Science and Humanities had its fifth Departmental Café Sessions on the January 25, 2020 coordinated by Asst. Prof. Steefni Ema Cruz. The resource person for the afternoon was Prof. Vaishali Parakhi who spoke on the Golden Ratio and how it can be seen in almost everything around us. She explained the concept of the Fibonacci

sequence saying that it is a series of numbers, the next number of which is found by adding the two numbers before it. She also said that when we take any two successive Fibonacci Numbers, their ratio is always very close to 1.618. She then went on to show how this golden spiral can be seen in almost everything in nature; from the milky way in the galaxy to the tornados and cyclones. She also demonstrated how the golden ratio is present even in our human body saying that when we

calculate the ratio of a:b, if it is 1.618.. Then it is perfect. She concluded the session by saying that Math may not teach us how to add love and subtract hate but it gives us hope that every problem has a solution. Overall, it was a session that piqued our interest into a new concept that can be related to our everyday lives.

In the sixth Departmental Café Session held on the February 08, 2020, the resource persons were Prof. Natasha D'Souza e Jaques who introduced us to the concept of Graph Coloring; Prof. Jyoti Lewis who gave us one of the many ways to make the world a better place and Prof. Harison Cota who showed us how we can have fun with physics.

Kicking off the session, Pr of. Natasha gave a brief history of the existence of graphs and how graphs made it easier to collate information. She then went on to show how a graph coloring is an assignment of labels, called colors, to the vertices of a graph such that no two adjacent vertices share the same color. She said that the aim is always to use minimum colors to show maximum differentiation. She then explained the difference between edge coloring and vertex coloring saying that an edge coloring can be transferred to a vertex but the vice-versa is not possible. Showing the practical applications of graph coloring, Prof. Natasha gave instances where graph coloring is used saying the scheduling, register allocation, biological networking and even Sudoku uses graph coloring. She then gave us an activity to color a map with the use of minimum number of colors. She ended her session with two problems to be solved within the week for which the person would be rewarded. It was a very fun filled session, indeed.



Prof. Jyoti's session was one that led us into introspection. She said that one of the best ways to make this world a better place was to first focus on the self and to try to be the best version of ourselves. Stating the problem, she said that many negative issues arise because we do not know how to address them and most often misuse our freedom of speech to hurt a person. We use our shortcomings as excuses for our behavior rather than working on

bettering ourselves and changing our perceptions. She then gave us a series of solutions, the first being retrospection; she asked us to retrospect on our days and to see where during the day did we go wrong. Second, modify; how could we have changed our response to a situation. Third, be conscious; the key towards bettering ourselves is to be conscious of our feelings and to analyze our response before we say or do something so as to avoid hurt the others and in turn, ourselves. Fourth, working on our strengths and weaknesses and Fifth, seeing the good in others and helping the other hone their strengths. She reminded us that what we sow is exactly what we will reap, hence to always be aware and be careful. She ended her session by reciting a poem by Henry Wadsworth Longfellow.

Prof. Harison began the session by asking the audience whether they like physics or not, to which he got a mixed response. He said that physics can be fun through practical application. He gave the classic example of the tortoise and the hare race saying that the hare had an advantage of 1 and a half hour over the tortoise but he slept and that's why he



lost the race and couldn't make up the time. He then gave us an interesting fact, stating that a person in space can see the sunrise and sunset every 45 minutes and hence 1 day on Earth is equal to 16 days in space. He then showed, through varied examples how when two objects travel at the same speed and in the same direction then they do not collide. This is why a man riding a plane will be able to catch a bullet that is fired from a gun.

SESSION ON VIRTUAL LABS



The Department of Science and Humanities conducted a session on **Virtual Labs** for the faculty members of Science and Humanities on the January 13, 2020 in the Signal processing lab, at Don Bosco College of Engineering, Fatorda.

Asst. Prof. Vaishali Parakhi gave an introduction to **Virtual Labs** followed by registering to the IIT, Bombay Virtual Lab site.

Faculty members present, logged in to their respective accounts and attempted the understanding of the simulation process used in Virtual Labs. Based on their findings, the faculty provided feedback.

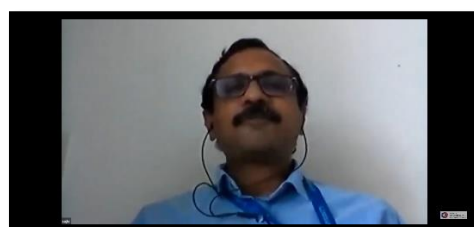
Dy. HOD, Prof. Harison Cota demonstrated a simulation on the Physics experiment 'Magnetic Field along the axis of the Circular Current carrying Coil' through **Virtual Labs**.

IIC, E-SESSIONS

The faculty of Science and Humanities from Don Bosco College of Engineering, Goa attended 4 e-sessions organized by MHRD'S Innovation Cell and Institutions' Innovation Council on May 15, 19, 20 and 21, 2020. The topics of the sessions were as follows:

	Date	Topic	Speaker	Content
1	15/05/2020	Innovation Risk Diagnostic - Product Innovation Rubric	Dr. Lakshmi Meera, Program Director, Forge Incubator	Startup and its definition How an idea can be a startup Minimum usable prototype to prove value to customer How to manage risk Product Innovation Rubric
2	19/05/2020	Idea, Entrepreneurship Opportunities, Business Model and Business Plan	Dr. Amit Dwivedi, Associate Professor, EDII, Ahmedabad and Dr S. R. Acharya, Associate Professor, EDII, Ahmedabad	An overview of Idea, Business Idea, Evaluation Ideas, Opportunities and Business Model, Business Plan Format
3	20/05/2020	Use of Market Data and Application of	Dr. Preet Deep Singh, AVP, Invest India	Market Research, Segmentation, Market Sizing

		Marketing Research Tools and Methodology - Increasing Chances of Survivability of Innovation and Venture - Advance Level		
4	21/05/2020	Frugal Innovations and Social Entrepreneurship	Dr. Raman Gujaral, Sr. Faculty, EDII, Ahmedabad	Creativity, Innovation, Risks involved in Innovation, Frugal Innovation, from Jugaad to Frugal Engineering, and Social Entrepreneurship



INNOVATIVE PRACTICES ADOPTED DURING THE PANDEMIC

The world experienced an onslaught of a Novel Coronavirus or Covid-19 Pandemic which called for drastic measures of social distancing to curb the virus. As such, all classes were suspended from March 16, 2020. All Professors then began Online Teaching with the innovative tools. Following is the list of faculty and the tools used by them to cover the syllabus and reach out to the students.

	Name of Faculty	Tools Used
1.	HOD, Dr. Kala R. Nayak (Mathematics)	<ul style="list-style-type: none"> a. Used PPT to record videos of syllabus from Unit 3 and 4 of Mathematics I(FE 210) b. Video links were shared to the students of Unit 2, Unit 3 and Unit4 of Probability and Random

		<p>Processes through Whatsapp.</p> <p>c. Used online quizzes using Google Forms to assess the students for the syllabus covered online</p>
2.	Deputy HOD, Prof. Harison Cota (Physics)	<p>a. Used Screencast-O-Matic to record videos of syllabus from Unit 3 and 4. The videos were then uploaded on his Youtube channel and the links were shared with the students through Whatsapp.</p> <p>b. Used online quizzes using Google Forms to assess the students for the syllabus covered online</p> <p>c. Used IIT Bombay Virtual Lab to conduct an experiment using the simulator.</p>
3.	Asst. Prof. Natasha D'Souza e Jaques (Mathematics)	<p>a. Used AZ – Screen Recorder to record videos of syllabus from Unit 3 and 4. The videos were then sent to students on Whatsapp.</p> <p>b. Used AZ – Screen Recorder to record videos of syllabus for Back students for Mathematics 1(ETC, Civil, Mechanical 1) and Applied Mathematics –III (ETC). The videos were then sent to students on whatsapp.</p> <p>c. Used online quizzes using Google Forms to assess the students for the syllabus covered online and in class</p>
4.	Asst. Prof. Gladys Da Silva (Chemistry)	<p>a. Youtube videos used to cover Unit 3 and 4</p> <p>b. PDF files of notes of Unit 3 and 4 provided to the students through Whatsapp.</p>
5.	Asst. Prof. Vaishali Parakhi (Mathematics)	<p>a. Used PPT to record videos of syllabus using “Screen-O-Cast” and A-Z screen recorder for Unit 4 of Mathematics II (FE 210) and PPT for Unit 3, Unit 2 revision. The video links were shared with the students of FE COMP and FE MECH 2, through WhatsApp.</p> <p>b. Gave the exercises after every PPT containing five problems each with the deadline for submission.</p> <p>c. Used online quizzes using Google Forms to assess the students for the syllabus covered online.</p>
6.	Asst. Prof. Sanford Fritz Mascarenhas (Engineering Geology)	<p>a. Used Google classroom to conduct online lectures</p>

		b. Sent PDF notes of Units to the students via Whatsapp
7.	Asst. Prof. Steefni Ema Cruz (Communication Skills)	a. Gave students tutorials on Writing a Resume or CV with a submission date deadline for Communication Skills b. Students were asked to video shoot their Power Point presentations and upload on the Google drive, access to which was provided by the professor
8.	Asst. Prof. Ulpa Waingankar (Mathematics)	a. Used Google Classroom to conduct online lectures for Numerical Methods and Computer Programming b. PPT to record video lectures to complete Unit 2 in Discreet Mathematics c. Youtube Videos to complete Unit 2 in Discreet Mathematics
9.	Asst. Prof. Linda Albuquerque (Physics)	a. Sent Youtube links of Unit 4 of Physics on Whatsapp. b. Sent notes of Unit 3 and 4 to the students via Whatsapp c. Used online quizzes using Google Forms to assess the students for the syllabus covered online.

Sharing their experience of online teaching, Asst. Professor Vaishali Parakhi said that she wanted to ensure that it was no less than classroom teaching and Asst. Prof. Natasha D'Souza e Jaques said, "For Mathematics, students expect visual representation. Using the AZ recorder mobile app has been useful to overcome these challenges to a certain degree". Asst. Professor Natasha D'Souza e Jaques also compiled all the PowerPoint presentations prepared by the Mathematics faculty and converted them into a flipbook, the link of which was then sent to the students.

WORKSHOPS/SEMINARS/EXPERT TALKS ATTENDED

- Dy HOD, Prof. Harison Cota Attended Asia-Pacific conference on "Recent trends in Material Science" held at Sahrdaya College of Engineering & Technology, Kodakara, Kerala-India, from January 17 – 19, 2020.
- Dy HOD, Prof. Harison Cota attended 12-week NPTEL course on "Experimental Physics III" from January to April 2020.
- Counsellor, Maya Lin Noronha attended a State level seminar on 'Smart Phone Addiction: Physical, Social and Psychological Issues' on February 18, 2020 organized by the Post-Graduation Diploma in Guidance and Counselling Department at Nirmala Institute of Education, Altinho, Panaji.
- HOD, Dr. Kala R. Nayak attended a 08-week NPTEL course on "Introduction to Operations Research" from February to April 2020.

- Asst. Prof. Natasha D'Souza e Jaques attended a webinar on Online Learning workshop for Faculty organized by QASPIR, from April 1- 3, 2020.
- HOD, Dr. Kala R. Nayak, Asst. Prof. Natasha D'Souza e Jaques, Asst. Prof. Vaishali Parakhi and Asst. Prof. Ulpa Waingankar cleared a one-week online Faculty Development Program (FDP) on "Python 3.4.3" organized by Department of Computer Engineering, P.R. Pote Patil College of Engineering & Management, Amravati in association with IIT Bombay Spoken Tutorial, Bombay from April 22 – 27, 2020.
- Asst. Prof. Natasha D'Souza e Jaques attended webinar on Digital Leadership Course, Part 2: Educational Technologies organized by QASPIR, from April 22 – 24, 2020.
- HOD, Dr. Kala R. Nayak Attended a webinar on “Lies, Damn lies and Statistics: Lessons on consuming and Interpreting data” by Prof. Natarajan Gautam from Texas A&M University conducted by NPTEL on April 25, 2020.
- Asst. Prof. Vaishali Parakhi completed a one week “Latex” Faculty Development Program organized by Sanjay Ghodawat University, Kolhapur and Spoken Tutorial Project, IIT Bombay from April 27, 2020 to May 02, 2020.
- Training and Placement Officer Avila S. Naik attended a live streaming talk on "What Companies Expect while Hiring a Candidate?" on April 28, 2020 from 7.00 pm to 8.00 pm organized by NPTEL presented by Mr. Sajjad Ahmed, HR and Talent management Team Leader at Capgemini.
- Training and Placement Officer Avila S. Naik attended Faculty Development Webinar on "Developing Thinking abilities relevant for Engineering Students" on April 28, 2020 from 6.00 pm to 7.00 pm organized by Focus Academy the panelists of which were Mr. KP Mohanan, Co-Founder ThinQ and Vigneshwar Ramakrishnan, Associate Professor, SASTRA Deemed University.
- HOD, Dr. Kala R. Nayak attended a 4 days' workshop on “Examination Reforms” conducted by AICTE, New Delhi from April 29, 2020 to May 2, 2020.
- Asst. Prof. Vaishali Parakhi and Asst. Prof. Ulpa Waingankar completed a one week “R-Programming” Faculty Development Program organized by SKN Sinhgad College of Engineering, Pandharpur and Spoken Tutorial Project, IIT Bombay from April 30, 2020 to May 05, 2020.
- Asst. Prof. Gladys Da Silva and Asst. Prof. Ulpa Waingankar answered an exam on E-Learning Skills Enhancement Quiz organized by University of Technology, Jaipur-Rajasthan on May 08, 2020
- Dy HOD, Prof. Harison Cota and Assistant Prof. Ulpa Waingankar completed a one-week online Faculty Development Program (FDP) on "Scilab" organized by ETC Department of SBJITMR, Nagpur and Spoken Tutorial Project, IIT Bombay from May 04 – 09, 2020.
- Counsellor, Mrs. Maya Lin Noronha participated in the International webinar on “Human Trafficking and COVID – 19” organized by Sathyabama Institute of Science and Technology, School of Law, Chennai in association with International Justice Mission on May 14, 2020.
- Asst. Prof. Natasha D'Souza e Jaques completed an Online Workshop on “LaTeX” jointly organized by MIT College of Railway Engineering and Research Barshi & Spoken Tutorial Project, IIT Bombay from May 14 – 17, 2020.
- Counsellor, Ms. Grebiana Alemao completed a Udeemy Online Course on “The Procrastination Mastery Training Program” on May 18, 2020.
- Counselor, Ms. Grebiana Alemao completed a Udeemy Online Course on “Coronavirus Epidemic: How to Work from Home Productively” on May 19, 2020.
- HOD, Dr. Kala R. Nayak, Dy HOD, Prof. Harison Cota, Asst. Prof. Gladys Da Silva, Asst. Prof. Natasha D'Souza e Jaques, Asst. Prof. Vaishali Parakhi and Asst. Prof. Linda Albuquerque participated in a One week “Online Faculty Development Program on Moodle Learning Management System” organized by Department of Management Studies, J D College of Engineering and Management in association with Spoken Tutorial, IIT Bombay from May 25 – 30, 2020.
- Counsellor, Ms. Grebiana Alemao participated in a 5-day online Faculty Development Programme on “Evolution from Offline to Online Teaching” organized by University of Mumbai and Microsoft from May 30, 2020 to June 3, 2020.

- Asst. Prof. Steefni Ema Cruz successfully completed a 5-week online course on “Business English Communication: Networking” offered by University of Washington through Coursera from May-June, 2020.
- Asst. Prof. Sanford Fritz Mascarenhas participated in a One week online Faculty Development Program on Quantum Geographic Information System (QGIS) organized by Department of Civil Engineering, Don Bosco College of Engineering in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay funded by National Mission on Education through ICT, MHRD, Government of India from June 01 - 05, 2020.
- Counsellor, Ms. Grebrian Alemao completed a Udemy Online Course on “Rational Emotive Behaviour Therapy (REBT) – Accredited CERT” on June 02, 2020
- Asst. Prof. Steefni Ema Cruz attended a Faculty Development Program webinar on “Outcome Based Education Software” organized by VMEDULIFE Software Services on June 04, 2020.
- Asst. Prof. Sanford Fritz Mascarenhas completed a 2-week online Course, “Oil & Gas Industry Operations and Markets” offered by Duke University through Coursera in June, 2020.
- Asst. Prof. Jyoti Veronica Lewis completed a 4-week online course, “Work Harder, Not Smarter: Time Management for Personal & Professional Productivity” offered by Division of Continuing Education, University of California through Coursera in June, 2020.
- Asst. Prof. Steefni Ema Cruz completed a 4-week online course, “Tricky English Grammar” offered by Division of Continuing Education, University of California through Coursera in June, 2020.
- Dy HOD, Prof. Harison Cota successfully completed an online course on “Solar Energy Basics” offered by State University of New York through Coursera in June, 2020.
- HOD, Dr. Kala R. Nayak successfully completed a course on “Linear Regression for Business Statistics” offered by RICE University through Coursera in June, 2020.
- Asst. Prof. Jyoti V. Lewis successfully completed a course on “Write Professional Emails in English” offered by Georgia Institute of Technology through Coursera in June, 2020.
- TPO, Mrs. Avila S. Naik and Asst. Prof. Steefni Ema Cruz completed a 4-week online course, “How to Write a Resume (Project Centered Course)” offered by The State University of New York through Coursera in May-June, 2020.
- Counsellor, Ms. Grebrian Alemao attended a National Webinar on “Maintaining Mental Health during COVID-19 Pandemic” organized by Counselling Cell, Rosary College of Commerce & Arts, Navelim on June 11, 2020.
- Counsellor, Ms. Grebrian Alemao completed a Udemy Online Course on “REBT Mindset Mastery (Rational Emotive Behavioral Therapy) on June 11, 2020.
- HOD, Dr. Kala R. Nayak successfully completed an 8-week NPTEL course on “Introduction to Operations Research” from Indian Institute of Technology, Madras and passed with cent per cent score.
- Dy HOD, Prof. Harison Cota successfully completed a 12-week NPTEL course on “Experimental Physics III” from IIT, Kharagpur and scored 99 per cent.
- Counsellor, Ms. Grebrian Alemao successfully completed 3.5 total hours of “Stress & Anxiety Management: Psychology – Accredited CERT” online course on June 25, 2020.
- Dy. HOD, Prof. Harison Cota, Asst. Prof. Natasha D’Souza e Jaques, Asst. Prof. Gladys Da Silva, Asst. Prof. Vaishali Parakhi, Asst. Prof. Sanford Mascarenhas, TPO, Mrs. Avila S. Naik, Counsellors, Mrs. Maya Lin Noronha and Ms. Grebrian Alemao attended a 1-week FDP on “Modern Educational Tools and Pedagogical Practices for Online Teaching” organized by Vidyalankar Institute of Technology’s Department of First Year Engineering in association with ISTE, IEEE Student Branch – VIT, IETE and IIDE from June 21-26, 2020.

WORKSHOPS/SEMINARS/EXPERT TALKS CONDUCTED

- HOD, Dr. Kala R. Nayak gave a talk at Government First Grade College in Ankola on January 07, 2020 on the topic 'Mathematics in Day to Day Life'.
- HOD, Dr. Kala R. Nayak gave a talk at Gokhale Centenary College in Ankola on January 07, 2020 on the topic 'Role of Mathematics in Engineering'.
- Asst. Prof. Vaishali Parakhi organized a workshop on Virtual Labs on January 13, 2020 at Don Bosco College of Engineering, Fatorda.
- Asst. Prof. Jyoti Lewis presented a paper in a National Conference on "Transforming Education for the 21st Century: Problems and Concerns" held at GVM's Dr. Dada Vaidya College of Education, Ponda on March 13, 2020.

PUBLICATIONS

- HOD, Dr. Kala R. Nayak published a paper titled "A New Procedure for Detecting the Population having More New Better Than Used Property Based on U-Statistics" on the International Journal of Applied Mathematics and Statistics, Vol. 59, Issue 2, on 02 June 2020.

UPCOMING EVENTS

- FE Orientation
- SEEDS event

Due to the uncertainty of the Pandemic, dates of the events have not been mentioned.