



Sanchar



THE ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT NEWSLETTER

News & Views



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- India celebrated its 73rd Independence Day on August 15, 2019. The flag hoisting ceremony for the 73rd Independence Day was done at the hands of Dr. M. S. Krupashankara, Principal Goa College of Engineering followed by singing the national anthem and other cultural programs.
- Goa College of Engineering celebrated International day of Yoga on 21st June 2019 in the college premises. The program was attended by students, teachers and non-teaching staff. The meditation practice session was conducted by Shri. Jayawant Pandurng Nayak – Om nitya Divya Yogashram and Yoga was demonstrated by Mr. Laukik Yadav Gawde.
- Prof. Geeta Shet and Prof. Palhavi kerker has been nominated as faculty in-charge for Sem III and sem V /VII respectively to coordinate with MIS team to facilitate in MIS activities.



VISION

To set high academic standards in the field of Electronics & Telecommunication Engineering, encourage research, industry collaborations & nurture human values and life skills.

MISSION

- M1: Impart knowledge and skill based training in ETC engineering and allied fields
- M2: Promote research and industrial collaborations
- M3: Inculcate leadership qualities, human values, concerns for environment and society.
- M4: Nurture innovation, entrepreneurship, resource management skills and a strong partnership with Engineering community

PROGRAM EDUCATIONAL OBJECTIVES

- PEO-1- Impart knowledge, problem solving skills, expertise of modern hardware & software tools related to Electronics and Telecommunication engineering and allied fields
- PEO-2- Encourage teamwork among students to solve complex problems, design multidisciplinary/ compound systems and develop Industry oriented skills.
- PEO-3- Nurture human values with a concern for environment & society in the students
- PEO-4 - Inculcate project management, communication & life skills in the students and develop a linkage with engineering community.

A fit mind in a fit body is important. Let us make FIT India a Jan Andolan:

PM Modi



Students Project Presentation 2

A project demonstration was conducted at the Gurukul Academy school in Ponda-Goa on 12th July, 2019. The project titled 'Smart bike safety enhancement system' done by final year students, Sanat Arlekar, Kritesh Kandolkar and Shelton Rodrigues under the guidance of Ms. Amita Dessai, Assistant Professor.

The session was conducted for the students of standard sixth to ninth.

First the present scenario of the bike accidents in India was explained with the help of videos, followed by the demonstration of Smart bike with following features.

1. The bike can be switched ON wirelessly through an App installed on the smart phone.
2. The bike is prevented from turning ON if the alcohol content of the rider exceeds a certain limit.
3. Alarm rings if the the Tyre pressure falls below a certain limit.
4. Alarm rings if more than two people are riding the bike.



Guidance, Mentoring Skills and Counselling

NITTTR Ext. Centre, Goa.



Date and Venue: 24-06-2019 to 28-06-2019, NITTTR Extension Centre
Coordinator: Dr. Alan Rocha, Professor, Ext. Centre Goa

Co-coordinator: Mr. Vividh Pawaskar/ Mrs. Ketaki and Dr. Gorakhnath Mishra

Rationale:

This course was specifically designed to train teaches in counselling, Guidance and Mentoring Skills to motivate them to go beyond the normal interactions in classroom, render a helping hand to the young and provide guidance to enthusiastic and budding talents so that they can lead a more satisfying and rewarding life.

Course Outcomes:

1. Need of Mentoring, Guidance and Counselling with regard to NBA.
2. Apply techniques to provide guidance service to students.
3. Describe the role of the effective mentor and the ethical issues that impact on mentoring.
4. Apply techniques to offer guidance and counselling service to a group.
5. Analyzing self-skills for effective mentoring.
6. Recognize the stages of the mentoring relationships.
7. Proposal for guidance, Counselling and Mentoring Cell.

Programme Contents:

Guidance, Counselling and Mentoring Concepts.

Importance of Mentoring, Guidance and Counselling with regard to NBA

Areas and scope of guidance services.

Differentiate between mentoring, Guidance and Counselling.

Skills of an effective mentor

Use of EI to analyze self-mentoring skills

Role of an emotional intelligence in guidance, counselling and mentoring skills.

Stages of mentoring relationships

Ethical issues – Impact on mentoring.



This workshop was attended by Dr. Hassanali Gulamali Virani,
Dr. R. B. Lohani, Dr. Nitesh Guinde and Dr. Samarth Borkar

Assessment, course feedback and certificate distribution was done at the hands of Shri. V. B. Kamat, Director, DTE. Overall the course provided useful insights and new dimensions to lateral thinking of the problems plaguing the students life.

Extrabytes

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- Department of Electronics and Telecommunication Engineering organized ORIENTATION PROGRAM from JULY 1 TO JULY 5, 2019 for newly admitted students of First Year Engineering Course. (Details: refer table below)
- Faculty from the department attended following workshops:
 - ⇒Goa-4 – Guidance, Counselling & Mentoring Skills -24-28 June 2019
Dr. Hassanali Gulamali Virani, Dr. R. B. Lohani, Dr. Nitesh Guinde and Dr. Samarth Borkar
 - ⇒Goa 2– Research Paper and Research Proposal writing –27 –31 May 2019
Prof. Purti R. savardekar
 - ⇒Goa 3– Emotional Intelligence in Teaching 10-14 June 2019
Dr. R. B. Lohani and Prof. Nayana Shenvi.
- Theory Exams for UG and PG programs were conducted in the month of May and June 2019 followed with orals and practical exams.
- Results were declared by the university in the first week of August 2019
- Internal Test –1 were conducted in Dept. of E&TC from 26th to 28th August 2019 for UG and PG Program.
- Prof. Amita Dessai has successfully cleared Goa PET-2019 examination.

Day/Date	9:30-11:30am	12:00-2:00pm	3:00-5:00pm
Monday: 1/7/19	Intro Talk by HOD-ETC Dr. Virani and Dr. Nitesh Guinde Talk on First Year by Prof. Adellete	CBCS – AICTE syllabus – Talk by ETC Faculty Dr. Ameeta Amonkar and Palhavi Kerkar	Tour of the Department & Labs Devendra Sutar & Geeta Shet
Tuesday: 2/7/19	Talk on Training & Placement – Prof. Amit Patil	Sports & NSS Activities at GEC – Shri. Sandesh Dessai	Campus Tour by ETC Faculty – Library, Hostel, Gym Sonia Kuwelkar & Milind Fernandes
Wednesday: 3/7/19	Goa University Exam Process Dr. Ganesh Hedge	Hostel Life at GEC Dr. Samarth Borkar and Amita Chari	Cultural Fests at GEC- Prof. Milind Sakardhande
Thursday:4/7/19	Invited Talk by an Expert in Electrical & Telecom Engineering 1. Sushant Shetye 2. Malcom Dsouza	Resource Management – Time, Money, Facilities, Friends, Comm by ETC Faculty Nayana and Milind	Interaction with Alumni – Students who have passed in recent years – College life & Dept. student club
Friday: 5/7/19	Interaction between Students, ASSET Council, Senior students Familiarization with one other Q&A with HOD and Sangam, Sonia	Disciplinary Issues & Counselling Facilities Senior Faculty of Department Dr. Lohani and Shahjahan Kutty	Slot kept open – Department to decide based on students feedback



Mr. Milind Fernandes, Asst. Professor E&TC Dept. has been deputed for Ph.D. Program at IIT Kanpur. Team Sanchar wishes him all the best for his future endeavors.



Participant of Guidance, Mentoring Skills and Counselling workshop held at NITTTR Ext Centre Goa with Prof. V. B. Kamat, Director, Directorate of Technical Education from 24-06-2019 to 28-06-2019, and Goa Coordinator: Dr. Alan Rocha, Professor, Ext. Centre Goa & Co-coordinator: Dr. Gorakhnath Mishra. Ex.-Principal, Dhempe College, Panaji.



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Engineering at its Best...!

Printed and Published by

Dr. H. G. Virani

Professor & Head
Dept. of E&TC



Prof. Sonia Kuwelkar, Asst. Professor along with her BE Project students held a demonstration of the project for school students.

Layout Edited and Designed by: **Dr. Samarth Borkar**,
Asst. Professor, E&TC Dept. GEC