St. Xavier's Catholic College of Engineering

Academic Year: 2021-2022

## Guidance for competitive examinations and career counselling offered by the Institution

Orientation program Higher Studies Abroad

An Orientation program on study abroad was organized for the third year B.E./B.Tech students and I MCA on 20-05-2022. The resource person was Mrs. Aiswarya Sasidharan, Branch Manager and Anitha Thomas, Assistant Manager (UK), IDP Education, Trivandrum. 70 Students participated in the orientation program. This program creates awareness about the benefits of abroad studies**.** Also they explained the scholarship oppurtunities in different countries. The steps to follow while planning for abroad studies were made vibrant by the resource person in effective manner.

Awareness Program on Career Opportunities in Armed Forces

The placement cell organized an Awareness Program on Career Opportunities in Armed Forces for B.E./B.Tech students on 07-05-2022. The resource person for the training program was Mr. Yuvan Karthik and Ms. Saranya, Officier Training Academy, Coimbatore. 62 Students participated in the awareness program. The resource person encouraged the students by explaining the path and the preparations followed by them to reach the goal. They also explored their experience and also the issues faced in the medical fitness tests. Students were motivated to prefer armed force as one of their career options.
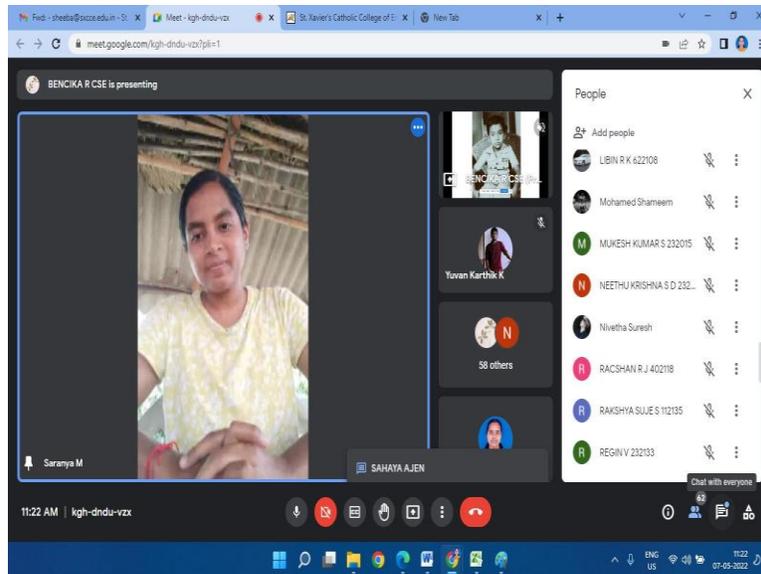
Interactive session on employability skills

The placement cell organized an interactive session for III year B.E./B.Tech students on 04-05-2022. The resource person for the training program was Mr. Sarath Chandar, VP-HR, Vaken Technologies, Chennai. 66 Students participated in the training program. The resource person encouraged the students to develop excellent knowledge in Data Structures and Algorithms. The demand for technology professionals' growth and great opportunities in industry were conversed. The company's service and product oriented progresses were expounded and hence motivated to improve their employability skills.

Career Awareness Program

The Society of Automotive Engineers (SAE) organized a career awareness program on 29-04-2022. 89 students participated in this program through Google meet. The Resource person of webinar was Er. Arasan Veron Franchis, Trainee Engineer, Canadian Industries, Canada. This program provides knowledge about the career opportunities in Canada and Europe, importance of English communication, regarding the exams like IELTS, TOEFL, GMAT etc. to students. Also the students gained knowledge about the emerging trends in Mechanical Engineering on job aspects.
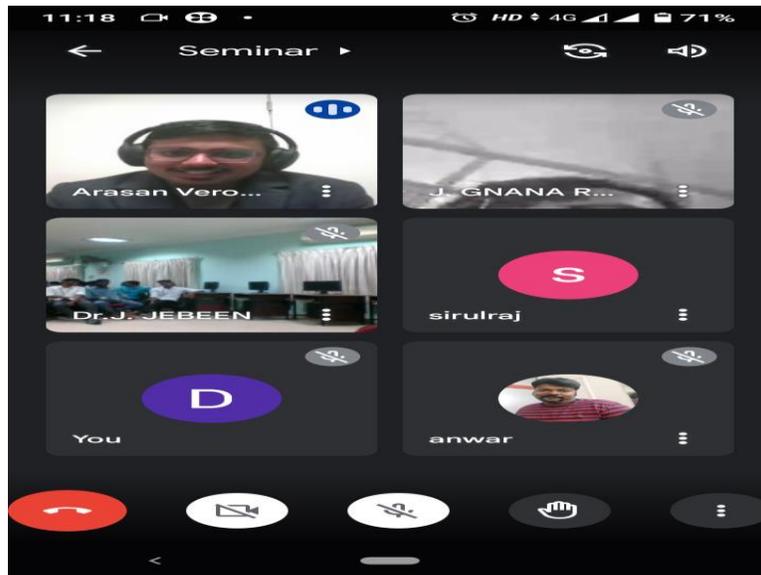
Seminar on Skill development and career opportunities

A seminar on "Skill development and career opportunities" was held on 11-04-2022 at St. Xavier's Catholic College of Engineering, Seminar hall. It was organized by Association of Computer Engineers (ACE). The resource person for the seminar was R. Abishek, CEO of Chek.In Tek. The objective of the seminar is to create awareness about employability skills that industry is expecting. 105 students participated in the seminar.

Awareness on Government Opportunities

A seminar on "Awareness of Government Examinations" was held on 04-04- 2022 at the seminar hall of St. Xavier's Catholic College of Engineering, Nagercoil. It was organized by the Association of Computer Engineers (ACE). The resource persons for the seminar were Mr. T. Anantha Boopathy, Mr. E. Vasanth Raj, ECC Academy. The objective of the seminar was to create awareness about government jobs. The resource person gave a brief introduction to the various jobs offered by the government in different sectors, like banking, railways, administration etc. and its eligibility to attend. Then, he spoke about the different categories of examinations conducted by the state and central government for the respective posts. 94 students participated in the event.

Placement training on ZOHO

The placement cell organized 8 days placement training for the final year CSE, IT, ECE, EEE, MECH and II MCA students from 06-04-2022 to 11-04-2022 and 18-04-2022 to 20-04-2022. The resource person was Er. A. Sahaya Shiny, Senior Software Engineer, Capestart, Nagercoil. 26 students participated in the training program. This training program helped the students to develop their technical knowledge in various concepts like PostgreSQL, Elastic Search, Spring Boot and JDBC connectivity. Also all the essential concepts like database connectivity were discussed.

Awareness on Government Examinations

A seminar on "Awareness of Government Examinations" was held on 31-03-2022 organized by the Association of Computer Engineers (ACE), St. Xavier's Catholic College of Engineering, Nagercoil. About 104 students participated in it. The resource persons for the seminar were Mr. T. Anantha Boopathy, Mr. E. Vasanth Raj, ECC Academy. Initially, the resource person gave a brief introduction to the various jobs offered by the government in different sectors, like banking, railways, administration etc. and its eligibility to attend. Then, he spoke about the different categories of examinations conducted by the state and central government for the respective posts.

Interactive Session on employability skills

The placement cell organized an interactive session on employability skills for III year B.E./B.Tech and I MCA students on 25-03-2022. The resource person for the training program was Mr. M R Muthusway, Thought Leader, Strategy Advisor, Procrama, Chennai. About 55 Students participated in the training program. In this interactive session the resource person encouraged the students to improve their expertise in Big Data analytics, cloud computing, Artificial Intelligence, Cybersecurity, Robotic Process Automation, Block Chain, Augmented and Virtual Reality and 3D printing.

Seminar on Job Opportunities - A 60 day challenge

A one day seminar on "Job Oppurtunities-A 60 Day Challenge" was organized by ACE (Association of Computer Engineers) of St. Xavier's Catholic College of Engineering on 24-03-2022. About 216 students participated in the seminar. The seminar's main goal was to help us improve our professional lives by giving us new ideas and information about the possibilities available to us and how to make the best use of them. Angelin Indira Jeevamony, the founder and CEO of Ed-Zoe, was the day's resource person, accompanied by her team. They also explained about the about the skills of financial management importance of mastering a skill which will support in our life and career.

Career Guidance Program

A Career guidance program was held on 11-03-2022 and 12-03-2022 at St. Xavier's Catholic College of Engineering, which was organized by the Association of Computer Engineers (ACE). The resource persons for the program were Mr. J. M. Sobin , CEO and Web Developer, Rexnar Solutions. Mr. Jenit. C, Learneasy.org. About 160 students participated in the program. They explained the nature of the job, business first and then provided necessary career advice and guidelines on how to choose our carrier. Mr. Jenit stressed on the need of leadership, analyzing the problem, team work, time management, self-learning, and communication skills with its benefits.

Coding /programming skills

The placement cell organized 7 days placement training on coding and programming skills for the III year B.E./ B.Tech CSE, IT, ECE, EEE, MECH and MCA students from 10-03-2022 to 17-03-2022. The resource person was Mr.K. Monikantan, Syspro Training Academy, Nagercoil. 26 students participated in the training program. This training program helped the students to develop their technical knowledge in fundamentals of CPP language (Variables, Datatypes, Control Statements and Functions). Expected Interview questions were also discussed.

Career Guidance on Employment Opportunities

A Career Guidance program was organized by BRIGITZ, the Association of Department of Information and Technology, St. Xavier's Catholic College of Engineering for the IT students on 10-12-2021. The resource person were Mr. K. Ezhilan (Computer Teacher, St. Aloysious Girls Higher Secondary School, Tuticorin) and Ms. K. Rajika (Junior Employment Officer, District Employment Office, Nagercoil). About 29 students participated in the program. They explained the students about "Employment Opportunities and How to approach competitive examinations?"

Career Guidance Program

A Career guidance program was held on 20-11-2021 at St. Xavier's Catholic College of Engineering, General Computing Laboratory (GC Lab) which was organized by the Association of Computer Engineers (ACE). The resource persons for the program were Mr. M. Ayyappan who is working as a Full stack Developer in Zoho Corporation Pvt. Ltd and Mr. Anish .M. Ragavendra who is working as a Software Developer in Cape Start. Around 49 students got benefitted. They explained the nature of their jobs first and then provided the necessary career advice and guidelines on how to choose our carrier. Mr. Ayyappan stressed on the differences between being on a product based and a service-based company with its benefits and shortcomings. Mr. Anish focused on the areas of skill requirements and the expectations placed on people from computer science background.

Career Guidance Program on Government competitive Exams

The REACH Association, Department of Civil Engineering conducted a Carrier Guidance program on 04-10-2021. The resource person was Mr. Vijayan, ECC Academy, Nagercoil. About 55 students participated in this program. He gave clear information about the Government and Central Government, Banking sector opportunities for the students and also gave information about the question patterns for the Government competitive Exams. He clearly explained about the Banking sector and the opportunities available in various banks like RBI, SBI, FCI, IBPS, Insurance, SSC, and also about the State Government exams like TNPSC, Group II, Group IV, Railway Exams etc.

Awareness program on Career Options

The departmental Association of Mechanical Engineering 'MEGX' arranged an awareness program on Career Guidance to the final year Mechanical Engineering students on 04-10-2021. The Resource person was Mr. Raja, ECC Academy, Nagercoil. About 104 students participated in this program. The students were explained about the GATE, importance of it in life. The job opportunities available for GATE scorers were explained. He explained about the importance of online career test to understand the right industry or read about various career options to get guidance on what to study. The program brought a good awareness among the students and an in-depth knowledge about Career Guidance.

Seminar on How to Crack GATE Exam

The Indian Society of Technical Education organized a seminar on how to crack GATE exam for the third and final year B.E./ B.Tech students on 27-08-2021. The Resource person was Mrs. Sree Lekshmi, Faculty. Around 76 students participated in this seminar.


Quantitative Aptitude & Logical Reasoning 4 days

The placement cell, SXCCE arranged a placement training program on Quantitative Aptitude & Logical Reasoning Training for four days from 12-08-2021 to 17-08-2021 for the third year B.E./B.Tech students. The trainers from FACE, Coimbatore, handled the session. The session includes Logarithms, Progressions, Geometry Quadrilateral Equations, Permutation, Combination and Probability. Around 133 students participated in the training program. Problems related to these topics were discussed with proper explanations and shortcuts.
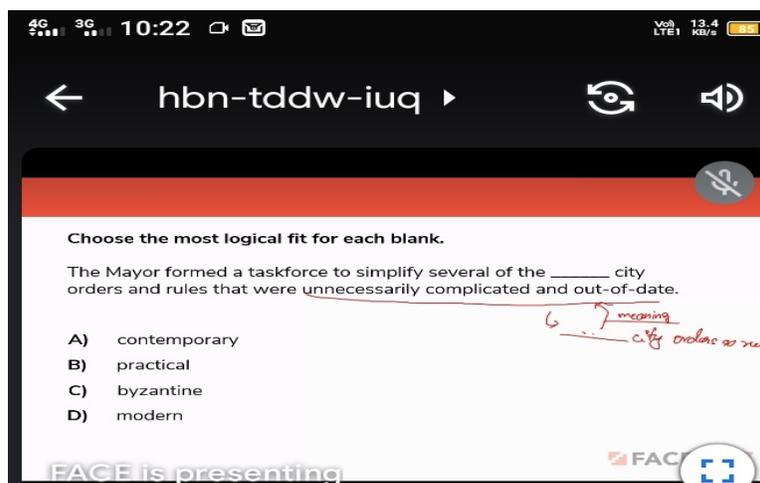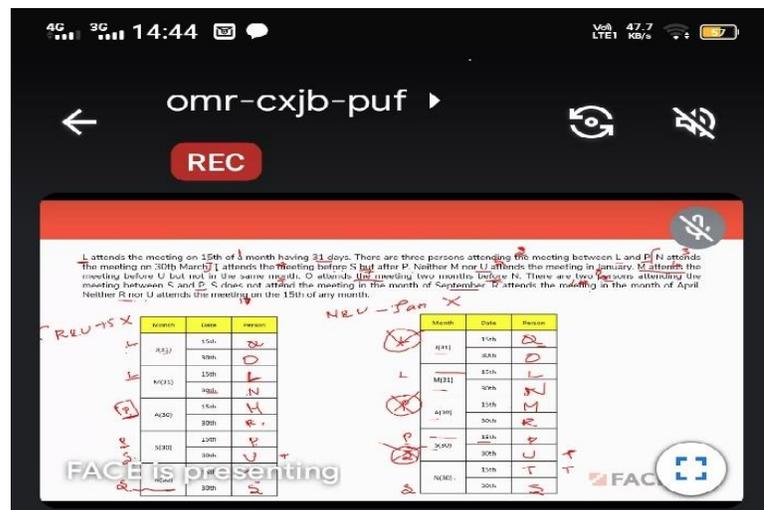
Soft Skills Training - 4 days

The placement cell, SXCCE arranged a placement training program on Soft Skills for four days from 12-08-2021 to 17-08-2021 for the second year B.E./B.Tech students. The trainers from SMART, Chennai, handled the session. The session includes Verbal and Non-verbal communication and the use of verbal and Non-verbal communications in appropriate places was explained to the students. Around 218 students participated in the training program.
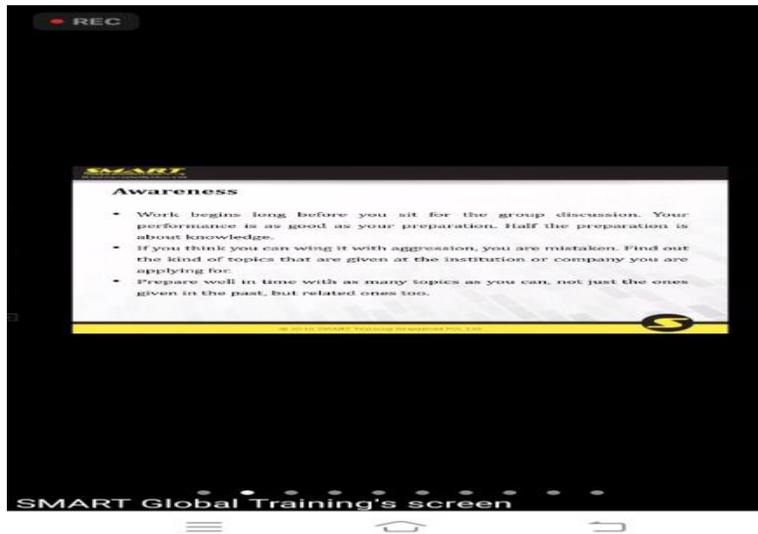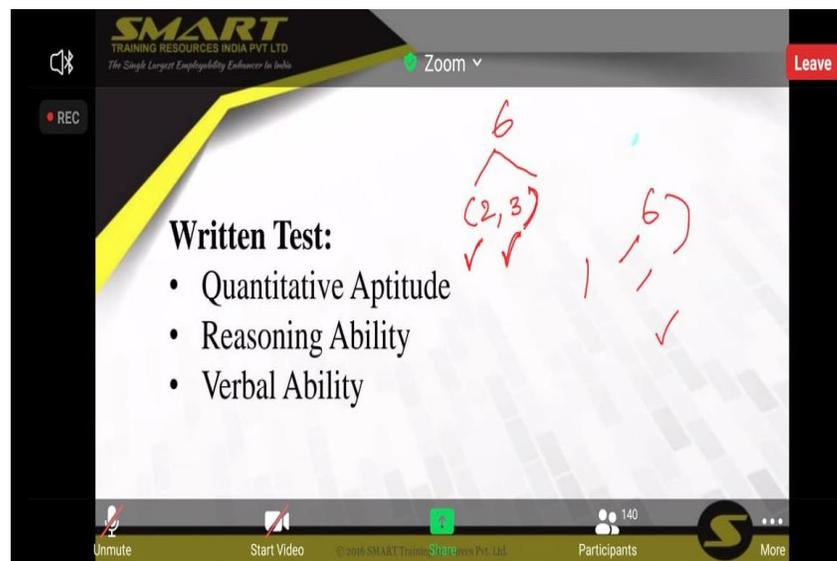

TCS Company Specific Training - 10 days

The placement cell, SXCCE arranged a placement training program on TCS Company Specific Training – 10 days from 21-08-2021 to 21-08-2022 for the final year B.E./B.Tech students. The trainers from FACE, Coimbatore, handled the session. The session includes problems on Numerical Ability. Around 111 students participated in the training program. Problems related to Numerical ability that were asked during previous TCS Ninja exams were discussed with proper explanations and shortcuts.

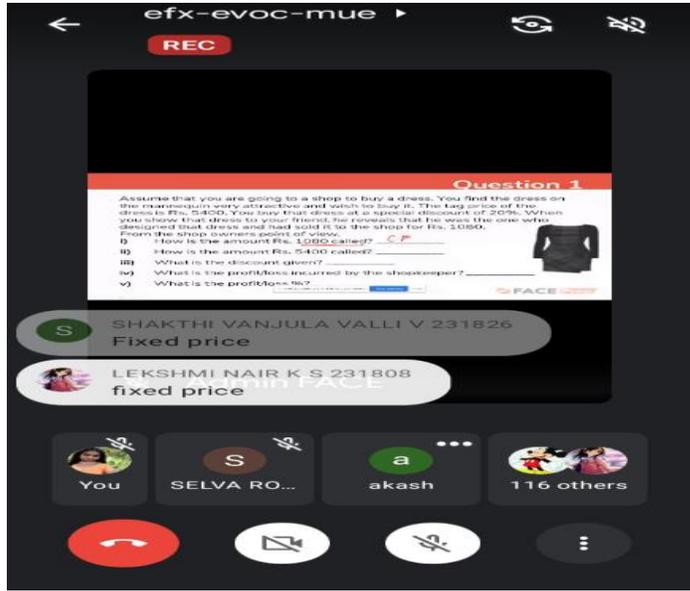**Aptitude & Soft Skills Training - 8 days**

The placement cell, SXCCE arranged a placement training program on Aptitude & Soft Skills for eight days from 31-05-2021 to 09-06-2021 for the second year B.E./ B.Tech students. The trainers from SMART Training Solutions, Bangalore, handled the session. The session includes Verbal Aptitude which includes Spotting Errors in sentences, Word Analogy, Vocabulary. Around 117 students participated in the training program. The topics were taught from very basics with proper explanations. Students were asked to solve problems by their own.

Quantitative Aptitude Training - 8 Days

The placement cell, SXCCE arranged a placement training program on Quantitative Aptitude Training for eight days from 1-06-2021 to 10-06-2021 for the third year B.E./B.Tech and MCA students. The trainers from FACE, Coimbatore, handled the session. The session includes Number system and Reading comprehension. Around 240 students participated in the training program. Online quiz was conducted and also feedback was collected from all the students at the end of the sessions.

Principal

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