

7.1.1 Annual gender sensitization action plan

Women's empowerment and gender equality are one of the primary concerns at Sree Buddha College of Engineering, Pattoor. We practice to bring a positive change in the attitude and support equity among genders within the institute and in our outreach. Annual gender sensitization plan is as follows

- To promote inclusiveness, tolerance, harmony and women's empowerment among the students and staff.
- Conduct activities like Blood donation camp, walkathon campaigns dealing with COVID-19 pandemic, etc in order to give back to the society
- Promoting activities related to health, self-defence and entrepreneurship among the female students.
- Conduct workshops related to cybercrime, safety and security in hotels and career enhancement for female students.
- Provide professional counselling to the students.
- Mentorship in college to be provided where faculty and students can approach in matters of gender-related issues.
- Monitoring and evaluation mechanisms for implementation and their follow-ups. • Conducting regular awareness-raising activities among students and staff
- Balanced gender quota while recruitment.
- Student's code of conduct that promotes gender parity at the governance level.

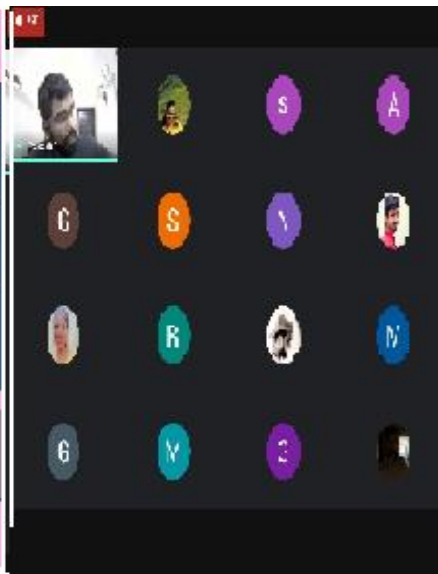
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year) June 2020-May 2021

Title of the programme	Period (from-to)		Participants		TOTAL
			Male	Female	
One day Online International webinar on “JOB OPPORTUNITES IN EMBEDDED SYSTEMS”	01-08-2020		65	60	125
Online National Conference REACT ‘21	10th and 11th June 2021		17	13	30
One day Online Workshop on “DIGITAL SYSTEM DESIGN USING FPGA- Simulation using Verilog and VHDL”	07-11-2020		50	43	93
WEBINAR ON “STAGES AND CHALLENGES IN CONSTRUCTION PROJECT EXECUTION”	18th December, 2020		45	35	80
WORLD ENVIRONMENT DAY CELEBRATION: ONLINE DESIGN COMPETITION - NAVRITHIH’ 21& EXPERT TALK ON ECOSYSTEM RESTORATION	05-06-2021	06-06-2021	10	10	20
Webinar on Travelling Salesman Problem – Branch and Bound	04-06-2020		35	30	55
Webinar on Building Scalable Cloud Infrastructure on AWS	05-06-2020		35	30	55
Webinar on Essentials of Cyber Security in Digital Era	10-08-2020		30	20	50
A Report of “Power Quiz” in association with KSEBL	8th November 2020		20	16	36
WALKATHON programme	17th January		25	20	45

GENDER EQUITY PROGRAMMES

1. One day Online International webinar on “**JOB OPPORTUNITES IN EMBEDDED SYSTEMS**”

Name of the Activity/Event	One day Online International webinar on “ JOB OPPORTUNITES IN EMBEDDED SYSTEMS ”
Type of the Activity/Event	One day International Webinar
Funding agency	Institute
Department	Electronics and Communication Engineering
Academic year & Date	01/08/2020, 2020-2021
Description Department of Electronics and Communication Engineering Organized a one day International Webinar for the topic “ JOB OPPORTUNITES IN EMBEDDED SYSTEMS ” on August 01, 2020. The speakers of the Workshop were Ms. Prameena Das, Embedded Software developer (Engine Domain) Indocosmo Systems Private LTD, Tokyo, Denso, Japan. Mr. Prajeesh P, Embedded system Programmer, Elear Solutions Hyderabad. The workshop is inaugurated by Dr. S. Suresh Babu, Principal, SBCE and welcome speech is done by Professor Pavitha P.P., HoD, ECE and vote of Thanks by Prof. Saritha N.R. Assistant Professor Department of ECE. Around 125 participants including students of various colleges attended the session. The workshop is based on the eight semester B.Tech Electronics and Communication & M.Tech Embedded System curriculum of 2019 regulation of APJ Abdul Kalam Technological University.	



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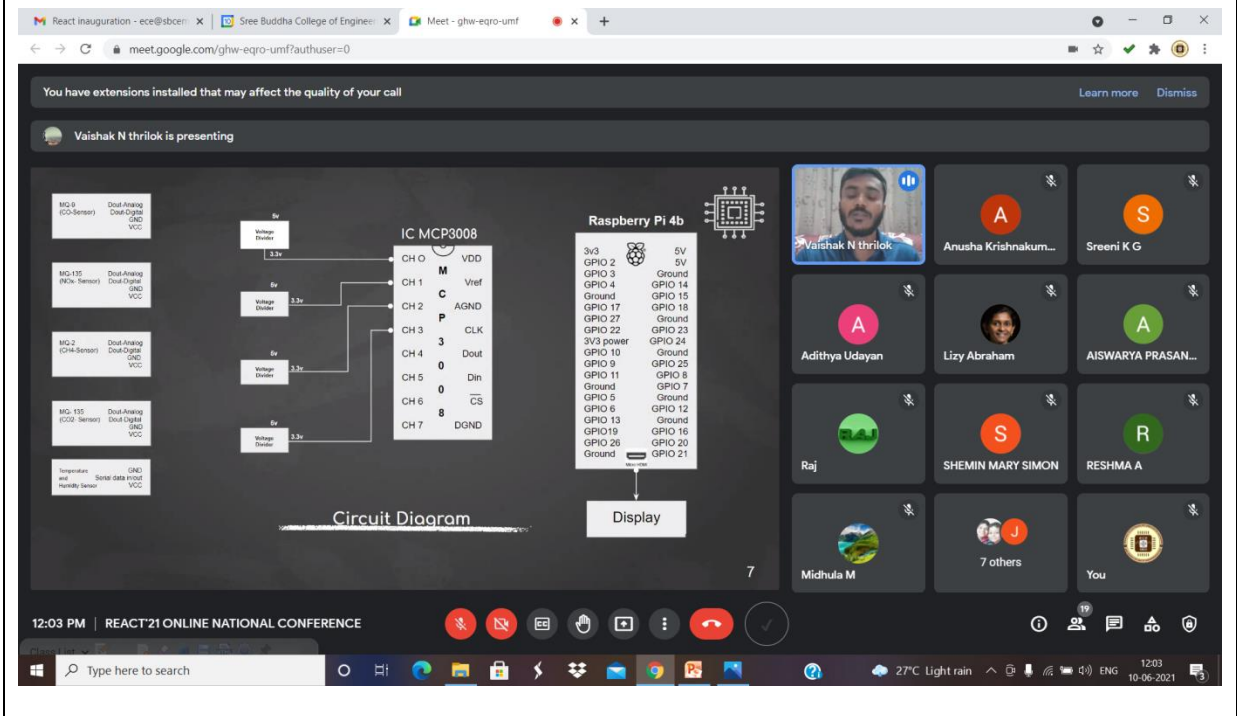
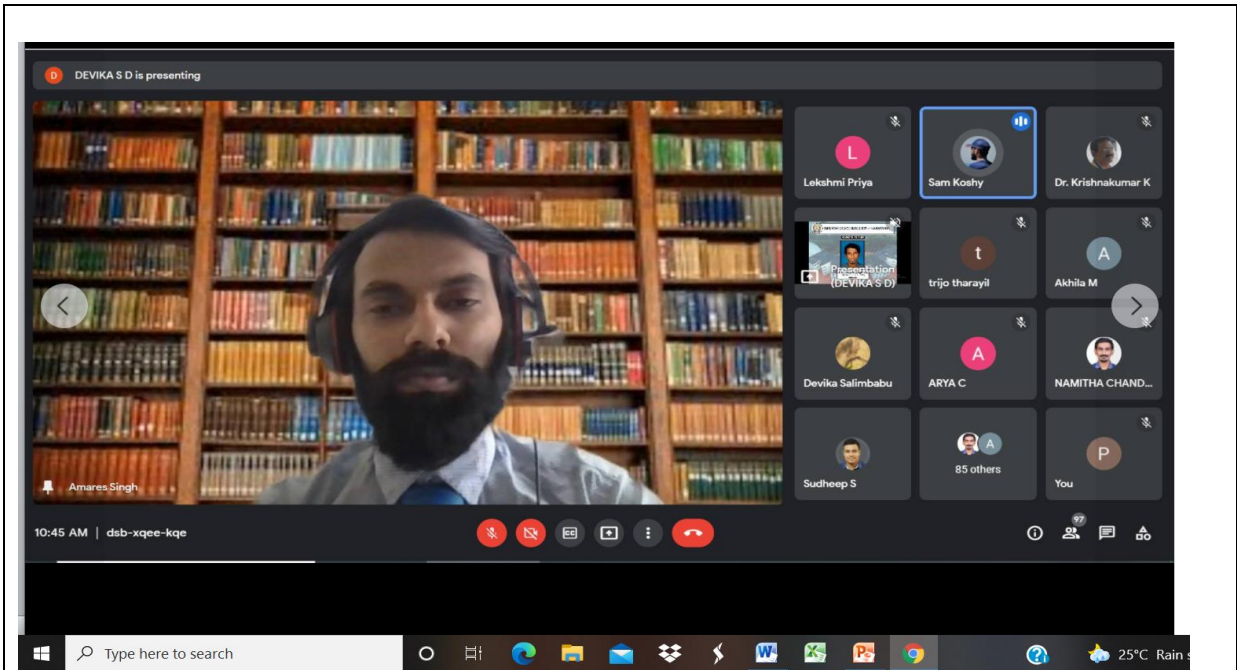
HoD

Coordinator

Principal

2. Online National Conference REACT '21

Name of the Activity/Event	Online National Conference REACT '21
Type of the Activity/Event	Student activity
Funding agency	Institute
Department	Electronics and Communication
Academic year & Date	10 th and 11 th June 2021
<p>Description</p> <p>The department of Electronics and Communication, Sree Buddha College of Engineering, Pattoor, Alappuzha, Kerala organized an Online National Conference “REVOLUTIONIZE ELECTRONICS AND COMMUNICATION TECHNOLOGIES” on 10th and 11th June 2021. The conference was inaugurated by Dr. Sam Koshy and the keynote speakers were Dr. Lizy Abraham, Dean Research & Consultancy, LBS Institute of Technology for Women and Dr. Sreeni K.G., Associate Professor, College of Engineering, Trivandrum. The conference provided ample opportunity for UG and PG scholars to exchange and share their ideas, experiences, and research results on various aspects of Electronics & Communication Engineering which include Smart Embedded System using IoT, Artificial Intelligence and Robotics, Image Processing using Machine learning and Deep learning, Low Power VLSI Design and Signal Processing. There were more than 30 participants from different engineering colleges inside and outside Kerala. Best paper award was given to Vaishak N Thrilok, B.Tech Scholar, Presidency University, Bangalore for his paper titled “Green house gases emission monitoring”. The conference was wound up with valedictory session.</p>	
Photos	



3. One day Online Workshop on “**DIGITAL SYSTEM DESIGN USING FPGA- Simulation using Verilog and VHDL**”

Name of the Activity/Event	One day Online Workshop on “ DIGITAL SYSTEM DESIGN USING FPGA- Simulation using Verilog and VHDL ”
Type of the Activity/Event	Workshop
Funding agency	Institute
Department	Electronics and Communication Engineering
Academic year & Date	2020-2020, 07/11/2020

Description

Department of electronics and communication Engineering Organized a one day Workshop for the topic “**DEGITAL SYSTEM DESIGN USING FPGA- Simulation using Verilog and VHDL**” on November 7,2021 .The speaker of the Workshop was Dr.Bhanu Rekha, Professor, Presidency university Bangalore. The workshop is inaugurated by Dr.S. Suresh Babu, Principal, SBCE and welcome speech is done by Professor Pavitha P.P.,HoD, ECE and vote of Thanks by Prof. Saritha N.R. Assistant Professor Department of ECE. Around 93 participants including students and faculties of various colleges attended the session. The workshop is based on the the third semester B.Tech degree Electronics and communication curriculum of 2019 regulation of APJ Abdul Kalam Technological University.

Photos



4. Webinar on Travelling Salesman Problem –Branch and Bound

Resource Person:- Prof. Supriya L P,
Assistant Professor,
Dept of Computer Science and Engineering,
SBCE,
Pattoor.

Date: 04-06-2020

Time: 11.00 am to 12.30 pm

The webinar was organized by the Department of Computer Science and Engineering to cater to the students of Computer Science. The webinar essentially covered the theoretical and problematic aspects of Travelling Salesman Problem using Branch and Bound in Design and Analysis of Algorithm. Around 55 students and faculties within and other colleges in the state attended the 1 hour 30 minute session. After the webinar, a feedback from the students and faculties indicated that the session was useful and effective. The session was conducted on Google meet platform.

5.Webinar on Building Scalable Cloud Infrastructure on AWS

Resource Person:- Mr. Sanath Kumar M.,
CEO & Co-Founder, Zebracross India Technologies Pvt Ltd.

Date : 05/06/2020

Time:11:00 am to 12:30 pm

The webinar was organized by the Department of Computer Science and Engineering for the benefit of students, faculty members and research scholars of Computer Science. The webinar was a brief introduction to building a scalable, fault-tolerant and elastic cloud architecture over AWS. The webinar also discussed Amazon Elastic Cloud Compute (EC2), Amazon S3 and AWS database services and looked at how these services can be put to work creating a scalable architecture for a web based application. Around 55 participants from within and outside the state attended the 90

minutes session. After the webinar, a feedback from the students indicated that the session was engaging and useful. The session was conducted on Google Meet platform.

6. Webinar on Digital Image Analysis using Deep Neural Networks

Resource Person:- Dr. SajithKecherilSdanandan,

Algorithm DEvelopment Engineer, Q-Linea AB, Sweden

Date : 26/07/2020

Time:03:00 pm to 04:00 pm

The webinar was organized by the Department of Computer Science and Engineering for the benefit of students, faculty members and research scholars of Computer Science and Electronics Engineering. This webinar discussed the basic building blocks, components of deep neural networks and about training the neural networks. And also covered different deep learning tools. Around 104 participants from within and outside the state attended the 90 minutes session. After the webinar, a feedback from the participants indicated that the session was informative and useful. The session was conducted on Google Meet platform.

7. Name of the event: WEBINAR ON “STAGES AND CHALLENGES IN CONSTRUCTION PROJECT EXECUTION”

Date of the event: 18th December 2020

Conducted By: Industry Institute Interaction Cell (IIIC) and Civil Vibes


Summary

A webinar on “Stages and challenges in construction project execution” was organized by the Department of Civil Engineering in association with Industry Institute Interaction Cell (IIIC) of Sree Buddha College of Engineering, Pattoor on 18th December, 2020 at 2:00pm through Google Meet online platform. It was conducted as a part of monthly webinar series on Interaction with Industry Professionals under the name # CIVIL VIBES. The webinar was delivered by Mr. Shibin panicker, Contracts and Project manager, AI NIMS Contracting LLC Oman. More than 80 participants attended the webinar which included faculty members, P.G scholars and B. Tech final year students from our college. Through this interaction series with Construction Industry professionals, it is expected to bridge the gap between academia and industry. Assistant professor Ms. Regi P. Mohan, coordinated the event.

Dr. Gouri Antherjanam, Professor and HoD (CE) addressed the gathering. Dr. Gouri emphasized on the importance of such interactions with Industry professionals for getting the up to date knowledge on the happenings and techniques followed in the construction industry. The webinar mainly focused on the thrust area of construction project execution such as responsibilities of project Managers, stages of execution, challenges faced by Civil Engineers etc. Mr. Shibin has more than 9 years of industry knowledge under various abroad construction projects. His interaction on construction project execution challenges helped the students to know more about project management in the construction industry sector. The participants were so fortunate to have interaction with such an experienced project manager and to clarify their doubts.




Dr. Gopakumar, Professor of department of CE also added his remarks on the session by Mr. Shibin. He also appreciated the coordinators effort in arranging such webinars for students. After the session, live feed backs were also collected. And students also expressed their interest in attending more interactions like this. Mr. Adarsh P.G. student proposed vote of thanks and the session ended by 3.15pm.

Poster of the event




SREE BUDDHA COLLEGE OF ENGINEERING
PATTOOR | ALAPPUZHA | KERALA

ACCREDITED BY



#CIVIL VIBES


Webinar series on
INTERACTION WITH INDUSTRY PROFESSIONALS




Resource person
Shibin Panicker
Contracts & Project Manager
AI NIMS Contracting LLC, Oman

2020
DECEMBER
18th
FRIDAY
2:00 PM

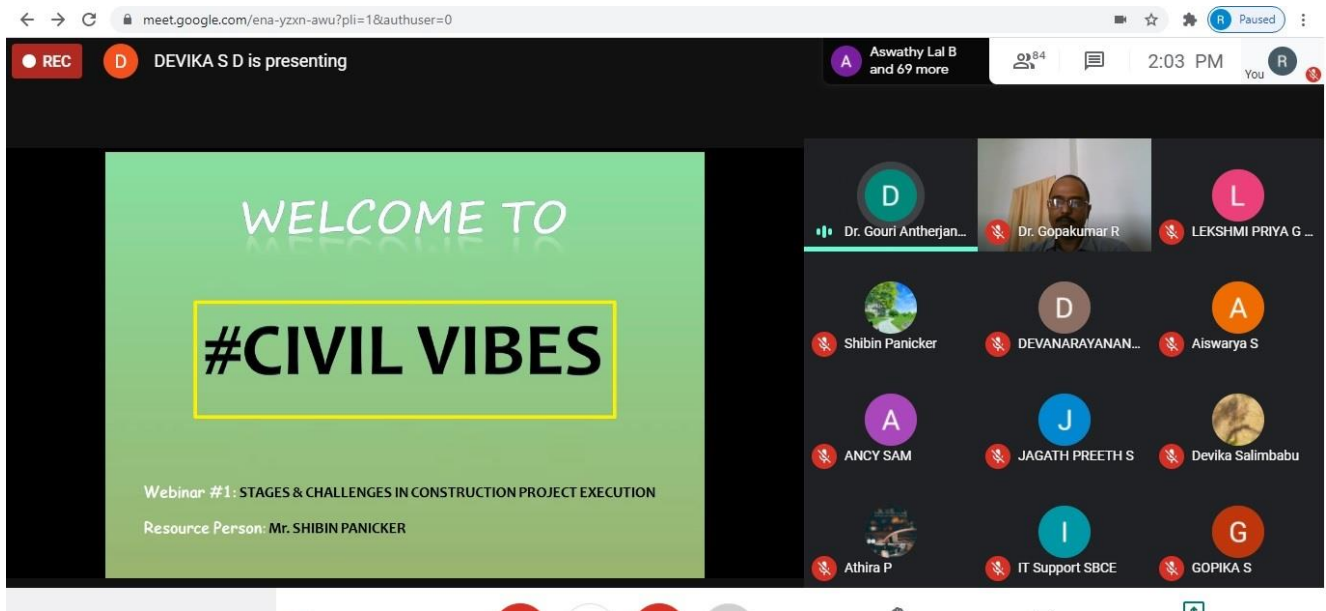
TOPIC | **STAGES & CHALLENGES IN
CONSTRUCTION PROJECT
EXECUTION**



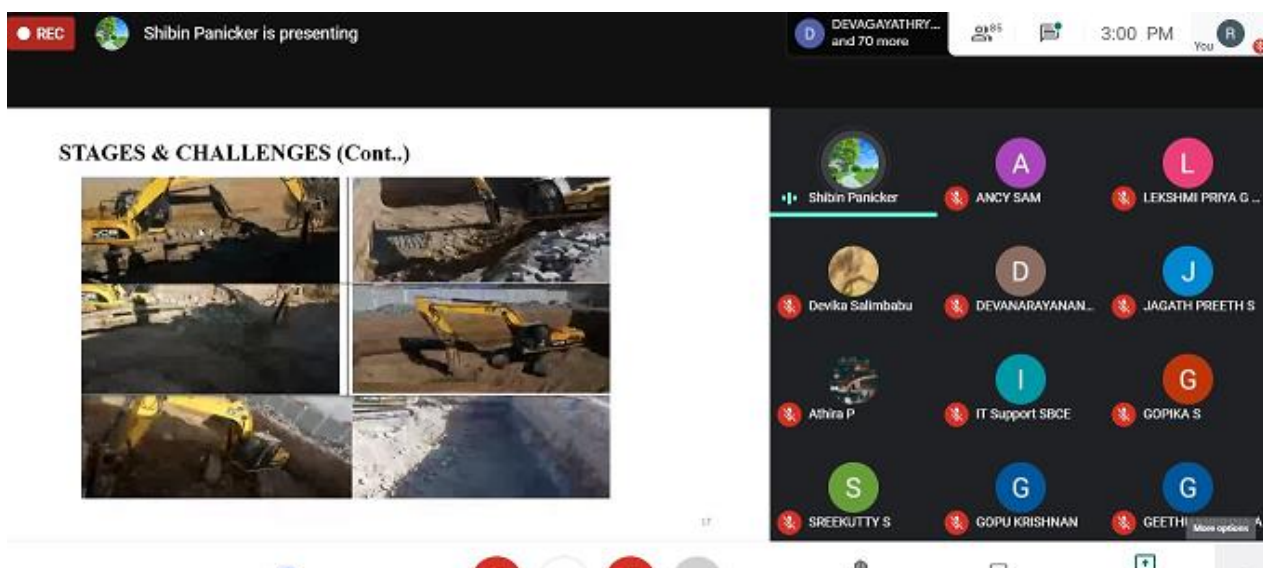
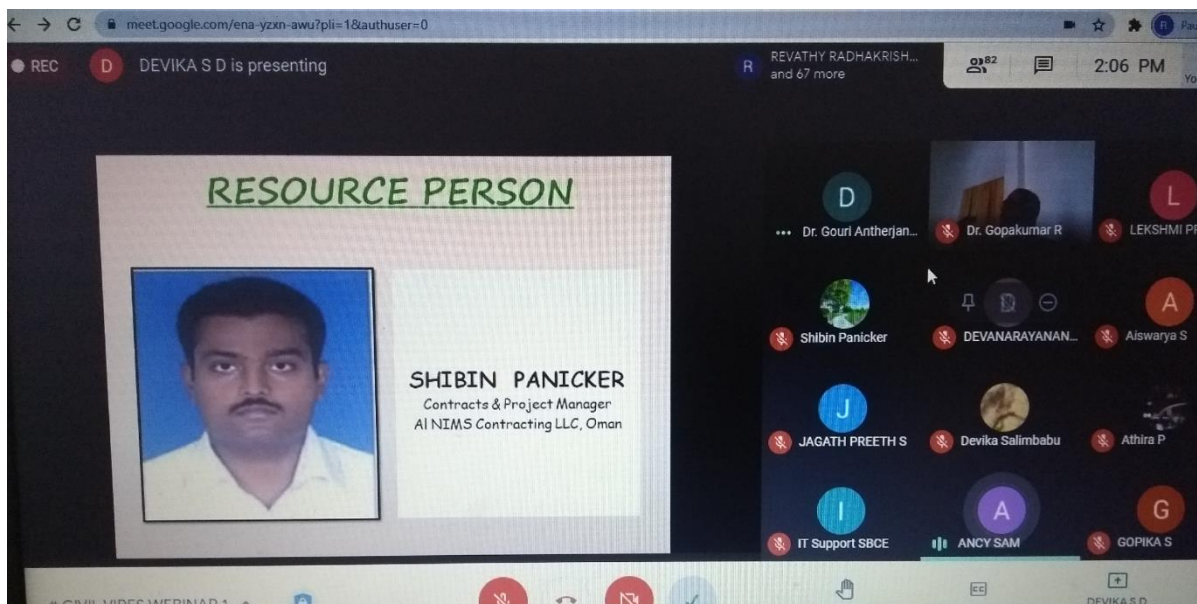
Google meet



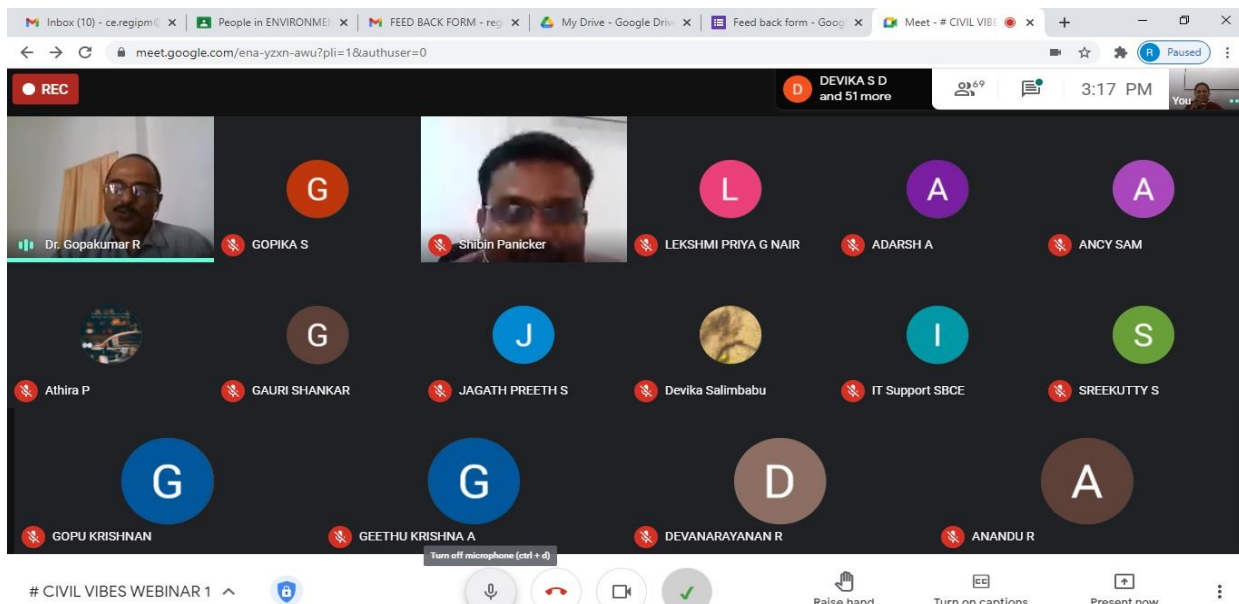
DEPARTMENT OF CIVIL ENGINEERING
INDUSTRY - INSTITUTE INTERACTION CELL



HoD inaugurating monthly webinar series # CIVIL VIBES



Session by Mr. Shiban Panicker



Dr. Gopakumar delivering the concluding remarks

8. Name of the Event:WORLD ENVIRONMENT DAY CELEBRATION: ONLINE DESIGN COMPETITION - NAVRITHIH' 21& EXPERT TALK ON ECOSYSTEM RESTORATION

Date of the event: 05-06-2021 & 06-06-2021

Conducted By: CASTELLOS

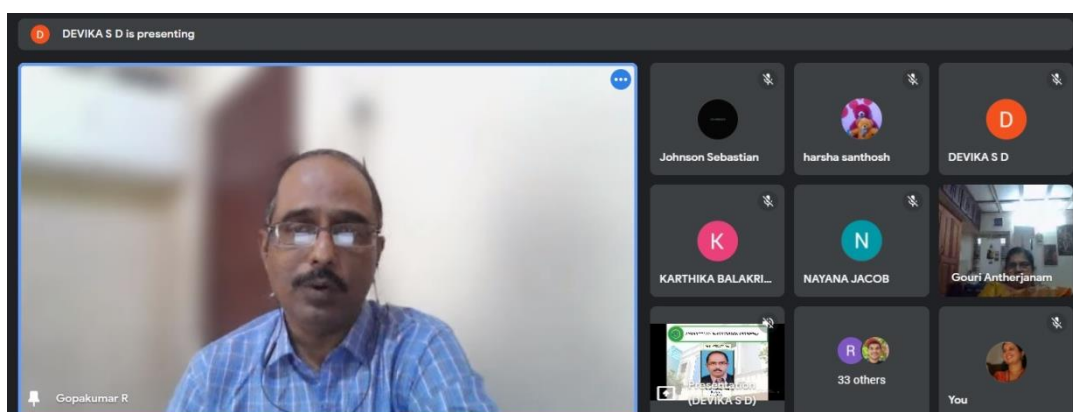
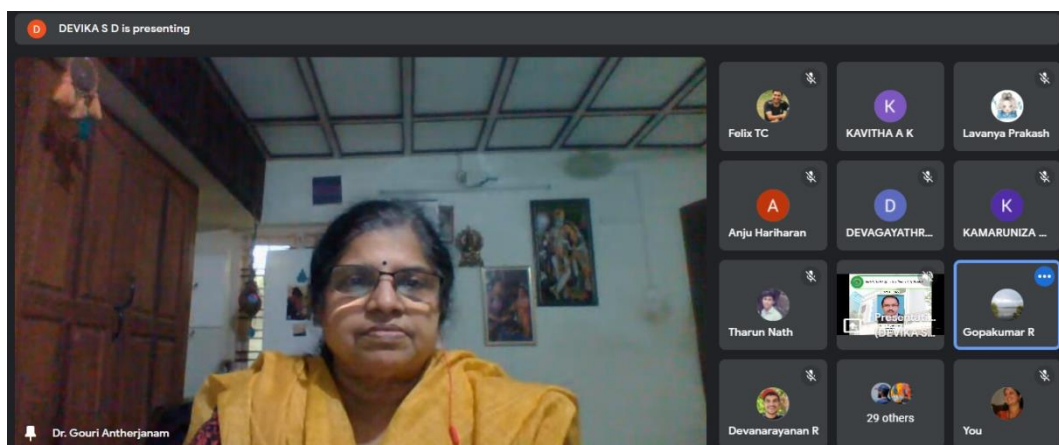
Summary

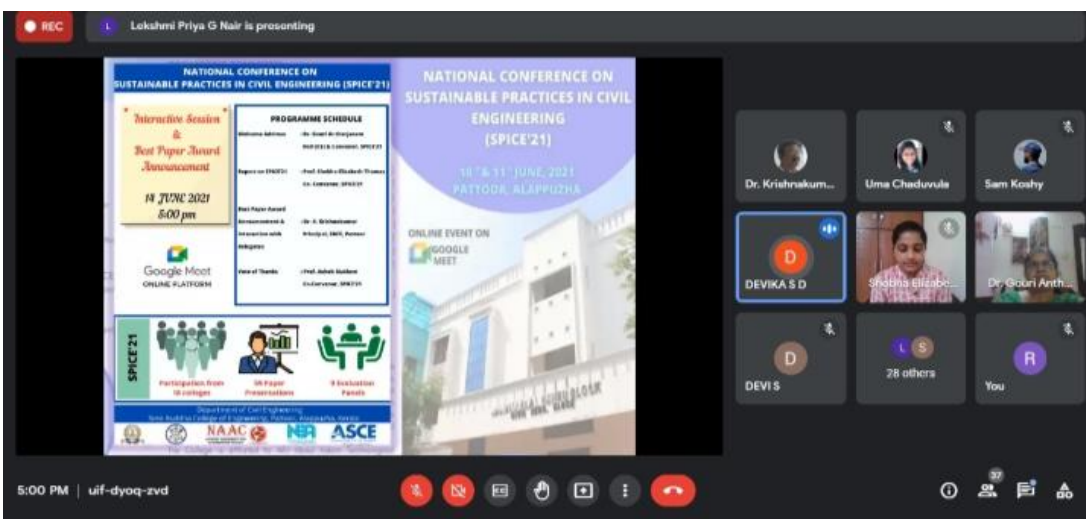
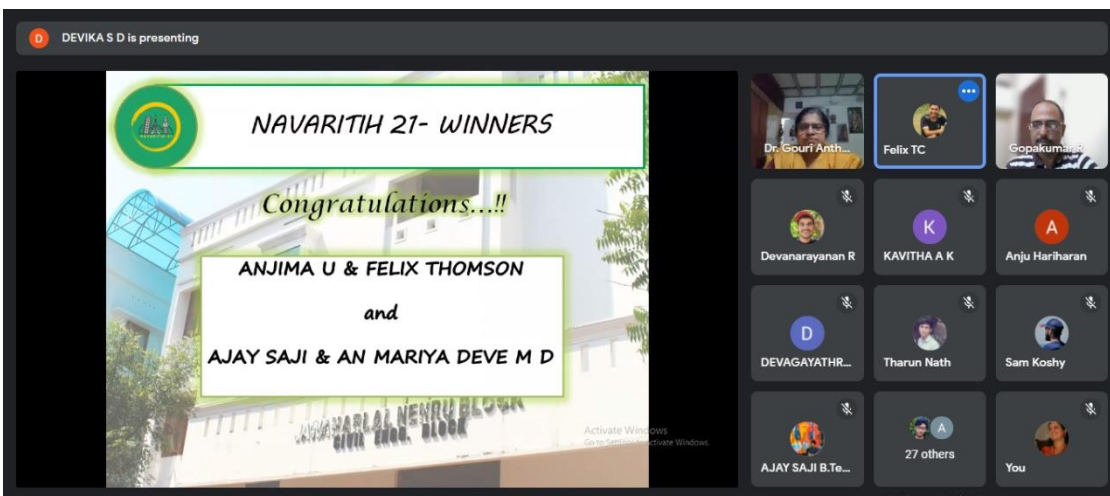
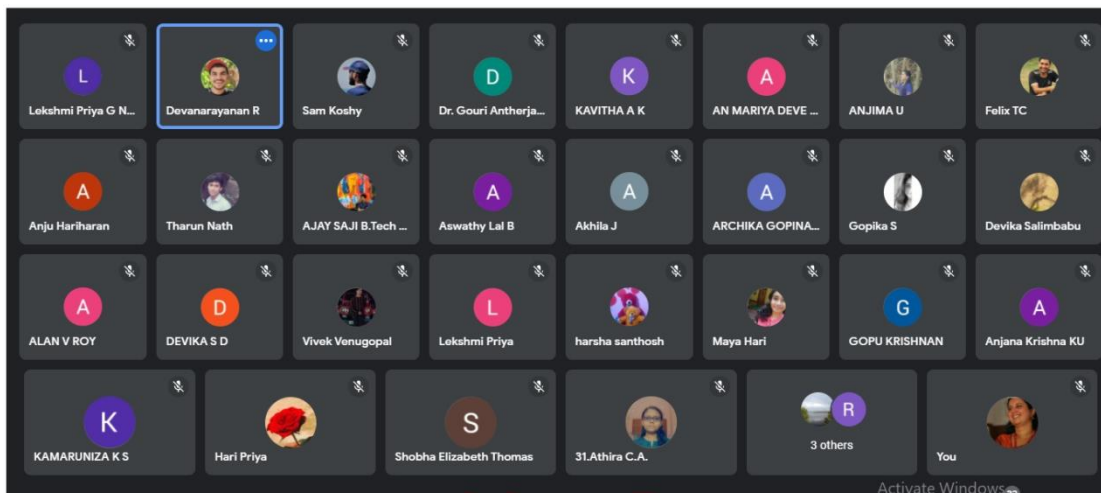
As part of world environment day celebrations an online design competition was organized for Civil Engineering students under KTU by department in association with CASTELLOS and Institution of Engineers India Kollam chapter. Dr. Gouri Antherjanam, HoD of department inaugurated the competition in an online event conducted on 5th June 9.30 am. This event was focused to encourage awareness on protection of the environment. Event lasted for two days: 5th and 6th of June 2021 encompassing two rounds to set the student's creativity ablaze. 13 teams consisting of two members each from various colleges under KTU participated in the competition.

Round one was 'Reviving the abode'; consisting of layout preparation of a residential area using Autocad software. After evaluation, top 5 teams were selected for round two. Round two was: 'Our solutions are in nature', consisting of finding a solution for the given real life problem statement. Four problem statements

related to Environment day theme 'Ecosystem Restoration' was given to the participants. The themes given were: i. Restoration of wetland ecosystem from micro plastics in view of Vembanad lake, ii. Minimising the impact of quarrying mountain ecosystem in view of Kavalapara, iii. Restoring ground water ecosystem of Plachimada iv. Restoring water quality of polluted rivers. The contestant teams had to present solutions as a Civil Engineer for any of the two problem statements. Presentation time of 10 minutes was allotted for a team. Queries were also asked to the contestants by judging panel consists of Dr. R. Gopakumar and Assistant professor Ms. Regi P. Mohan.

On 6th June 3 00 pm an expert talk was organized as part of celebrations and the expert talk on topic "Ecosystem Restoration" was delivered by Professor of the department, Dr. R. Gopakumar. In the talk Dr. Gopakumar focused on importance of maintaining a sustainable environment through real life problems from Kerala context. HoD Dr. Gouri Antherjanam declared the winners of the design competition. Anjima U. and Felix Thompson of Government Engineering College Thrissur and Ajai Saji & Ann Mariya Deve M. D. of Amal Jyothi College of Engineering Kanjirapally shared first and second positions respectively. They were congratulated by all. Live feed backs on the competition were also taken.








9. A Report of “Power Quiz” in association with KSEBL

Institute of Engineers IE(I) Student chapter, Department of Electrical and Electronics Engg, Sree Buddha College of Engineering, Pattoorin Association with KSEBL Officers Association organized a Power Quiz on 8th November 2020 at 2.00pm (IST) using Google sheet platform.


The Quiz was specifically for the students of Semester 3/5/7 of Department of Electrical and Electronics Engineering, SBCE. A database of students was set up via google classrooms and link for Quiz via google sheets was send to student's e-mail. The response of students in google sheet was opened at 2.00 PM IST on 8th November 2020. Out of 45 student's registered, 36 attended the online Quiz. The Cash prize and Certificates of all participants was funded by KSEBL. The quiz is involved with the fundamental questions of Basics of Electrical Engineering. Mr Albi Ninan (Semester 7) and Mr Aravind C (Semester 5) occupied First and Second Prize for the contest respectively. The Program was Co-ordinated by Prof Nandan G, Assistant Prof, Department of EEE.




**SREE BUDDHA COLLEGE OF ENGINEERING
PATTOOR**




INSTITUTION OF ENGINEERS (INDIA)
Kollam Local Centre



STUDENT CHAPTER OF EEE DEPARTMENT
In Association with
KSEB Officers Association
Presents



**POWER
QUIZ 2020**
Online



**Prize up to
20K**

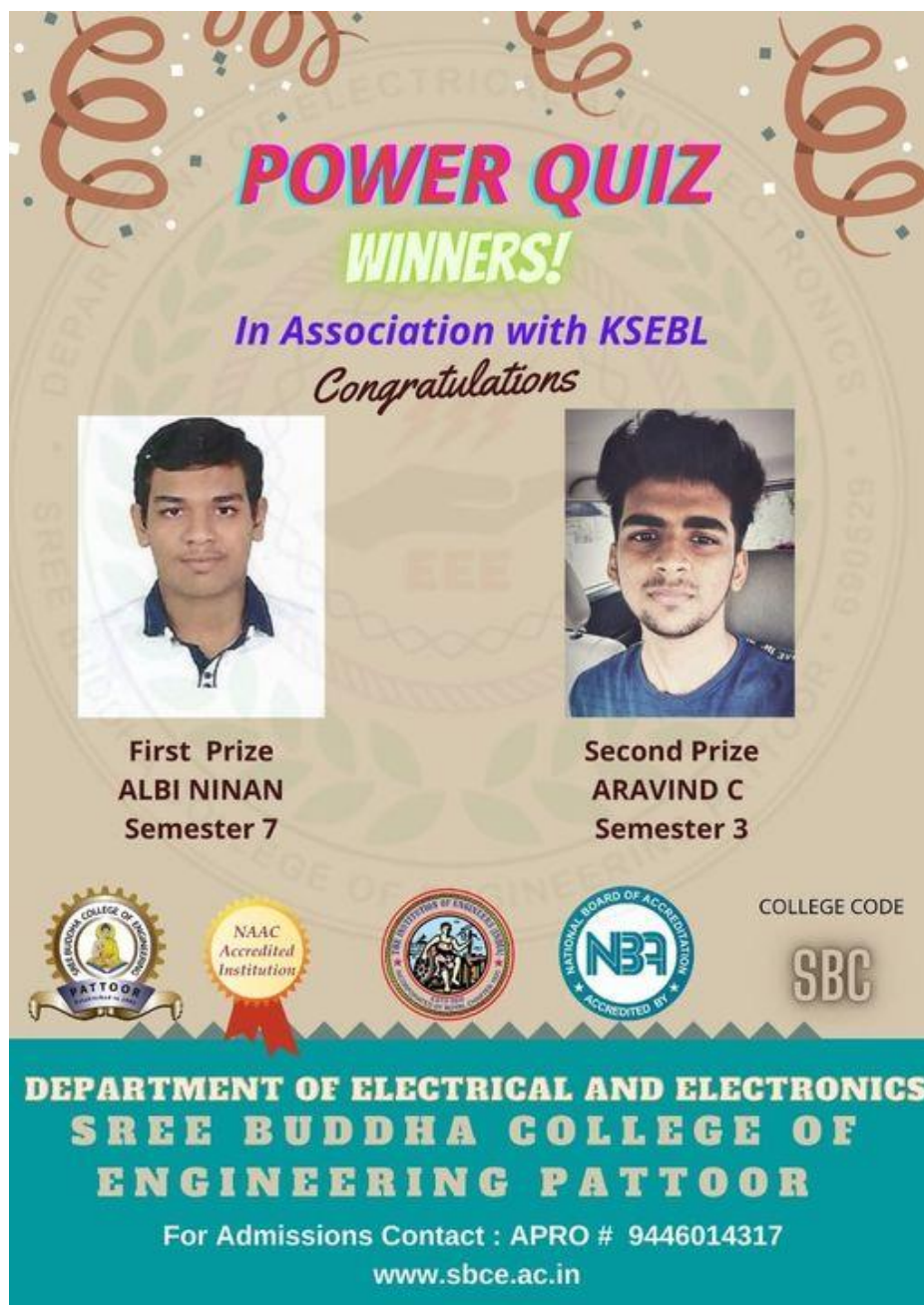
This Quiz is exclusive for EEE Students

Primary Level

NOVEMBER 8th 2020


Powered by KSEBL

Winners




POWER QUIZ
WINNERS!





In Association with KSEBL
Congratulations



First Prize
ALBI NINAN
Semester 7



Second Prize
ARAVIND C
Semester 3



COLLEGE CODE
SBC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
SREE BUDDHA COLLEGE OF
ENGINEERING PATTOOR

For Admissions Contact : APRO # 9446014317
www.sbce.ac.in

10.WALKATHON (NSS) (17th January 2021)

NSS volunteers done a WALKATHON programme from college area (Pattoor) to Padanilam.50 volunteers participated in the Walkathon. Programme Officer Prof.Amjith T.R. inaugurated the function. Walkathon was based on the theme “HEALTH IS WEALTH”. Volunteers made banners and posters regarding to the theme.

