



SNGCE BOOTCAMP- ACTIVITY REPORT FOR THE YEAR 2019

**SREE NARAYANA GURUKULAM COLLEGE OF
ENGINEERING KADAYIRUPPU P O, KOLENCHERY**

A. Hussain
PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311



Core Committee Members

Sl no	Designation	Name	Dept/Sem	Email	Mob
1	Chief Executive Officer	Eldhose George	S7 ECE	Eldhosegeorge321@gmail.com	8593048295
2	Chief Technical Officer	Arun P Madhu	S3 ECE	Arussins707@gmail.com	8848646925
3	Chief Social Officer	Lakshmi Gopakumar	S7 CSE		7902926097
4	Chief Marketing Officer	Pooja Rajendran	S7 CE	Poojarajendran1@gmail.com	8281630942
5	Chief Creative Officer	Anand M J	S5 CSE	Anandmj669@gmail.com	9496593265
6	Chief Financial Officer	Ann Mariya	S5 NASB	Annmarysunil34@gmail.com	7559902101
7	Chief Operating Officer	Aravind AS	S7 ME	Aravind27@gmail.com	8547322798


PRINCIPAL
 Sree Narayana Gurukulam
 College of Engineering
 Kadayiruppu, Kolenchery-682 311



EVENTS AND ACTIVITIES

Mini Fab Saturdays

Date: 16 to 30 March 2019-12-19 Venue: SNGCE Fab Lab

No. Of participants:10

Mini fab labs act as a medium for connecting to a global community of learners, educators, technologists, researchers and innovators – essentially becoming a self-sustaining global knowledge sharing network.

In view of spreading the art of Digital Fabrication, [IEDC_SNGCE](#) coordinated an Introduction to Digital Fabrication workshop in SNGCE Mini FAB Lab. The workshop designed to have an overview of all the rapid prototyping capabilities of Fab facility i.e. 3D printing, laser cutting, screen printing, designing, etc. The series of workshops was conducted from 16th to 30th March 2019. Ten students have been trained.



INSPIRE.4

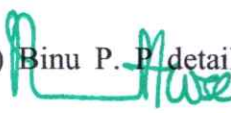
Date: 10.08.2019, Venue: SNGCE, Auditorium

Participants: 200 students from various First Year B.Tech Classes

Inspire.4 is an induction program for the first year students of SNGCE. The main motive of the program was to give the students an introduction to IEDC and its activities, and to motivate them to bring up more innovative ideas.

Ann Mary, CFO of IEDC SNGCE, welcomed the gathering. Prof.(Dr.) Kemthose Paul, Principal of SNGCE inaugurated the program. He spoke about the need of entrepreneurs in the current economic scenario and how IEDC SNGCE is giving support student entrepreneurs to develop their ideas and products.

IEDC Nodal Officer Prof. (Dr.) Binu P. P detailed about support that can be provided to the


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kolenchery-682 311

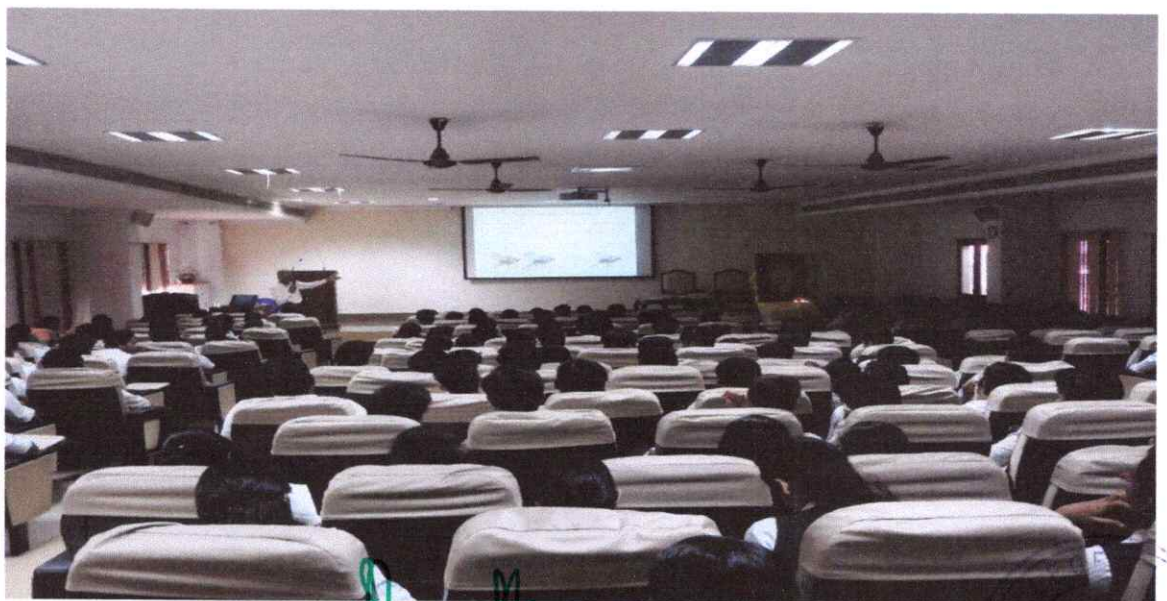
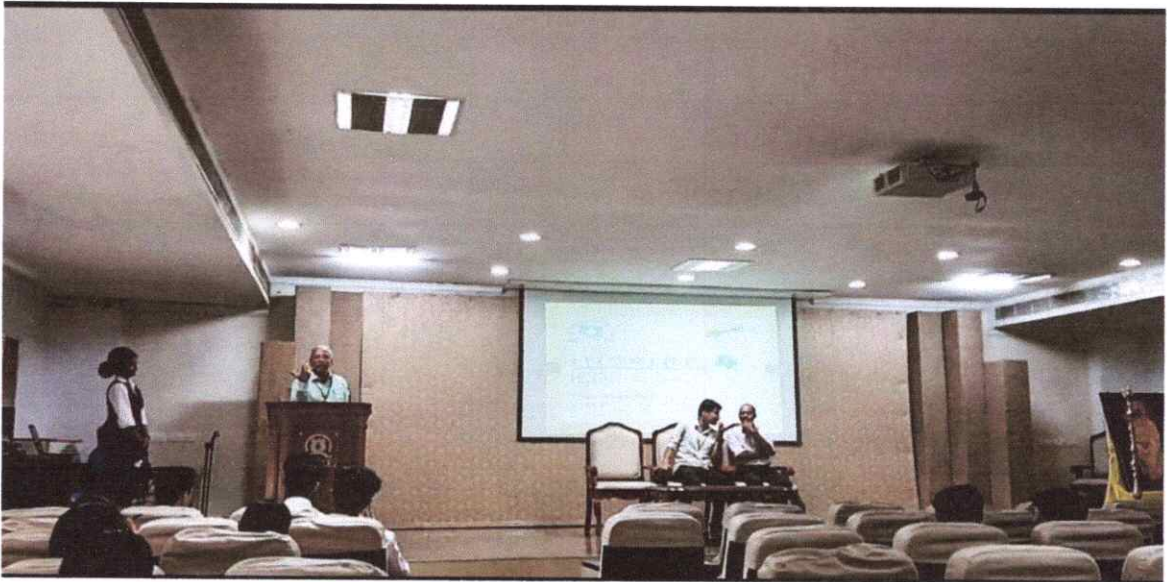


students to explore new technologies and to get much knowledge to develop their own projects. He also spoke about the Fab lab at SNGCE and the facilities at Fab lab that we can provide to the students, so that they can develop their ideas and their products in our college.

Anand M J, CCO of IEDC SNGCE, spoke about the history of IEDC and how IEDC is helping students and entrepreneurs to develop their ideas and products. He also spoke about the famous entrepreneurs and how they were able to come up with their ideas successfully.

Eldhose George, CEO of IEDC SNGCE, explained the facilities and machinery in the SNGCE Fab lab in detail and how they can be effectively utilized by the students.

Aravind, COO of IEDC SNGCE, discussed about the upcoming IEDC summit. He shared the previous Summit experiences and how it would help the students to get an outline on developing an innovative idea. 200 students from various first year classes participated in the event.



A. Hase
PRINCIPAL
Sree Narayana Guru
College of Engineering
Pappu, Kolanchery-682 011



Arduino and Interior Design Workshop

Date: 27, 28 September 2019

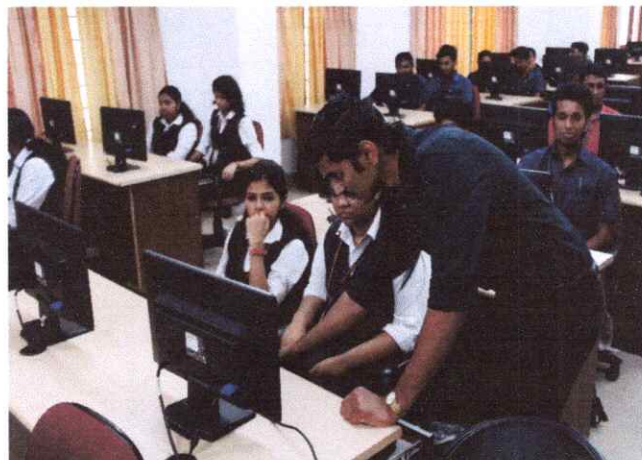
Participants: 70 B.Tech students from SNGCE and other colleges.

IEDC SNGCE conducted a 2 Days' Workshop on the topics *Interior Design* and *Arduino*. In addition to the students from SNGCE participants from *Ilahia* College of Engineering and Mar Baselious Institute of Technology and Science attended the workshops.

Both the workshops were conducted in association with Audrey Automation and Ambit Technologies. Both the workshops were completely hands-on and the students were able to understand the topic in detail.

On the first day, students were given a detailed outline on the topics. Then on the second day, the students attending Arduino workshop were able to program Arduino chips and the students attending Interior Design workshop were able to develop a model of their design.

The workshops were very informative and the students were able to understand the topic very well.



R. Huse

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311






Introduction to Fab Lab and IOT Labs

Date: 30 & 31 August-2019

Participants: first year B.Tech students from Sngce and students from nearby higher secondary schools

A training programme for +2 and higher secondary students in Fab Lab. Students from Govt. Boys school, Tripunithuira ,GOVT HSS, Kadayiruppu, St Josephs Kizhakkambalam, St. Peters HSS, Kolenchery,Nirmala Public School, Muvattupuzha


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311





A. Huse

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadavayipatti, Kolenchery-682711



3D PRINTING AND LASER CUTTING WORKSHOP

Date : 13th December 2019

Trainer : Mr Nimal Viju

Participants: 30 Students from Sngce

A one day work shop coordinated to provide training in 3D Printing and Laser cutting. 30 students from various B.Tech classes participated. Outsourced the expertise of Mr. Nirmal Viju, a young student turned Entrepreneur.



R. Huse

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadaiyiruppu, Kolenchery-682 311



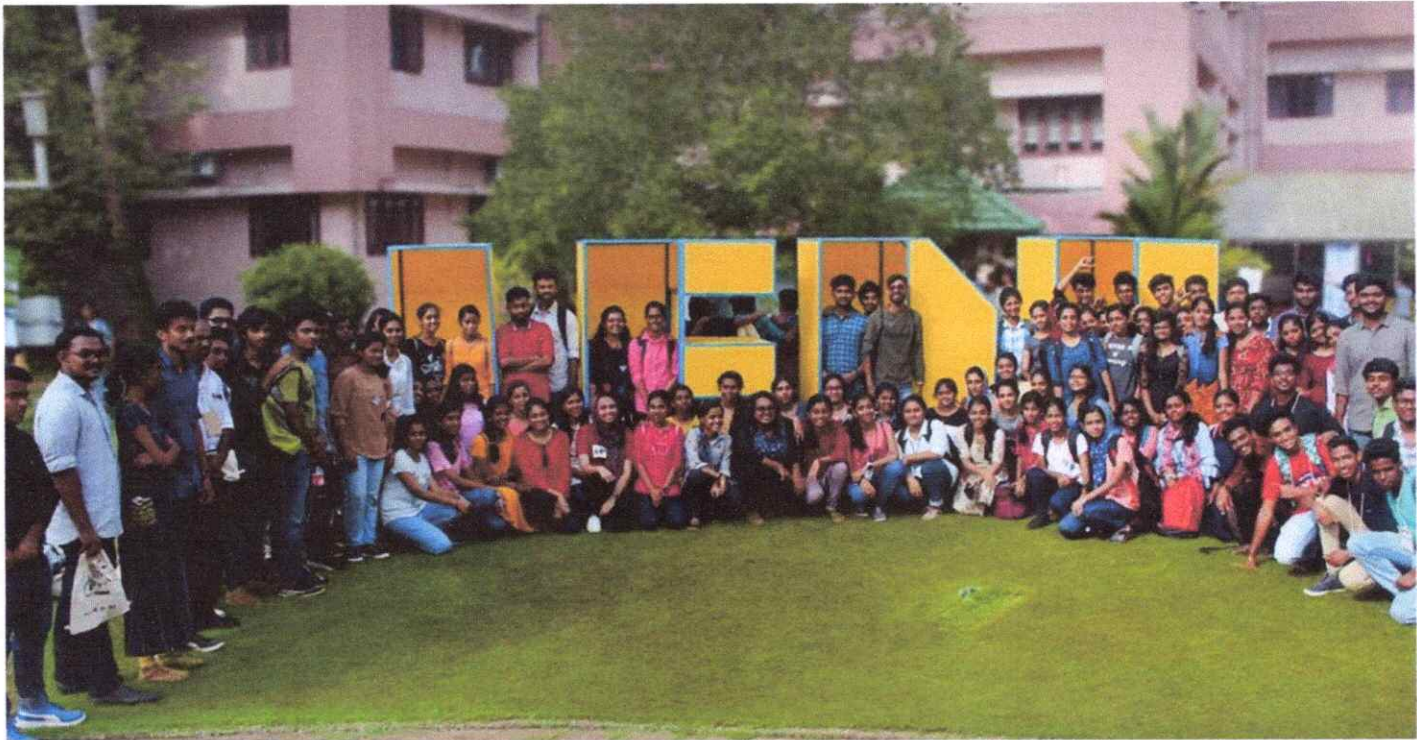
IEDC SUMMIT 2019

Date: 19 th October 2019

Venue: sahradhya college of engineering

No of participants: 120

It is very glad to place on record that, IEDC-SNGCE extended the participation of 120 students in the summit.



FUTURE WORK PLAN

In the upcoming months, our boot camp has planned to organize various workshops, talks for students and to help them in their path to changing the world. The following events are under the proposal.

Fab Lab – Training for School students

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadaviruppu, Kolenchery-682 311



Talk on Idea Creation

One major challenge to budding entrepreneurs these days is crafting a good idea to start with. This talk will focus on helping students tailor their thinking so as to generate newer, better ideas that might one day change the world. We're planning to conduct the talk in the month of August providing a kick start to the fresher's and other students alike.

Workshop on Idea Sketching

After the session on Idea Creation, students would be able to create great ideas. This workshop helps them go another mile. This workshop will call out to students to sketch their ideas with pen and paper. This will improve creativity and help bring the idea of a product to life, with a basic sketch of the final product.

Session by women entrepreneur

Woman empowerment is a goal most active now than ever. Keeping this in mind, we plan to conduct a talk/workshop with a woman entrepreneur handling the session. This will be inspiring for future women entrepreneurs and men alike. This will encourage women to step up and tailor their own empire. Moreover, this will highlight the fact that entrepreneurship is not just for men.

Android Workshop

Android is an actively growing OS with more than 80% of the world's devices depending on it. Development for android is hence a wide sector to invest into. This android workshop will kick start android development culture among students and help them build their career around android.

Technova Precursor Event


Technova is a huge event where first years will come together from different departments and work as a team to build a project of their dreams. We have been planned to conduct a precursor event for Technova in the month of January.

Patents

Our bootcamp is looking forward to help students IPRs for their innovative ideas during the upcoming year.

Startup in Gurukulam TBI – Signess, CEO: Jiril Jose

It also feels proud to initiate a new start up in SNGCE, by one of our Alumni, Mr. Jiril Jose.


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadaviruppu, Kolenchery-682 311



Status of IOT Lab & FAB Lab

We have a Mini IOT Lab and Fab Lab setup in our college which is functioning as expected. Currently a few projects are under progress under the lab. The following seven students are assigned duty to coordinate IOT related activities in college:

Eldhose George – Electronics and Communication Engineering

Ashirvad R -Electronics and Communication Engineering

Anand M J- Computer science and Engineering

Shabeer Hassan- Electronics and communication Engineering


Aravind A S- Mechanical Engineering

Issac john- Mechanical Engineering

Anju P Raj - Electronics and Communication Engineering

Activities in IOT & FAB labs




PRINCIPAL
Sree. Nerayana Gurukulam
College of Engineering
Kadaviruppu, Kolenchery-682 311





PROJECTS UNDER IEDC

Autonomous Underwater Vehicle

Autonomous Underwater Vehicles (AUVs) are unmanned underwater vehicles that are being utilized for various scientific, commercial as well as military applications. Design, system identification and control of these vehicles are complicated and hence there are depths to be uncovered by research and development.

This project focuses on the design and development of an AUV crafted for international underwater

P. Nave
PRINCIPAL¹²
Sree Narayana Gurukulam
College of Engineering
Kadavirupudi, Kolenchery-682



vehicle competitions. The projects hold two phases. The design, alone, sums up the first phase. The second phase, however, is concerned with modelling, system identification and simulation of a control system for the vehicle. The design phase focused on implementing a mechanical and electrical system as well as integration of subsystems. The result is a low-speed, bottom-heavy and open-framed underwater vehicle. Named DANAS, the vehicle exhibits high symmetry, modularity and stability. The second phase started off with modelling DANAS. Modelling was done taking the dynamic model of an underwater vehicle into account. The system identification was done using onboard sensors. A PID tracking controller based on computed torque control was adopted for the control system of DANAS.

The end result is a functional autonomous underwater vehicle that has undergone design, modeling, system identification and preliminary control analysis.

Prof.(Dr.) P P Binu

Nodal officer, IEDC-Boot Camp

SNGCE



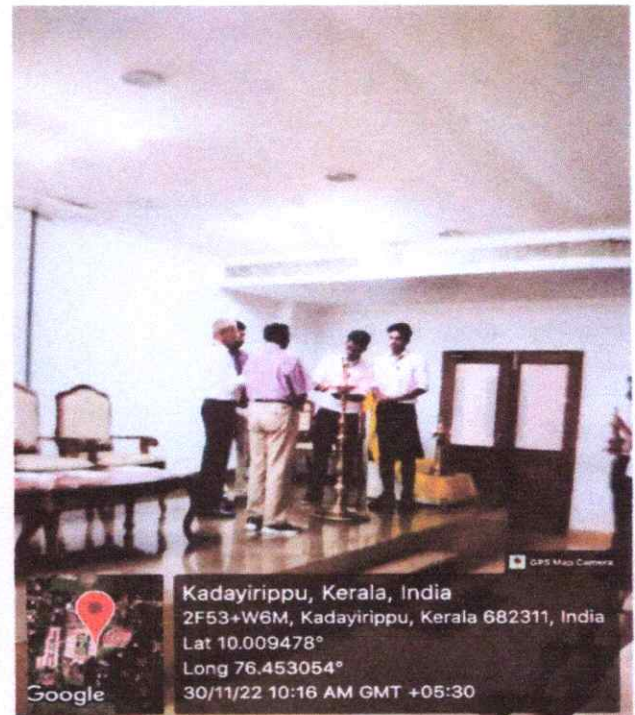
PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadavur, Kolenchery-682 311



IPL 2.0 INAUGURATION

IPL 2.0 is aimed to bring awareness and sensitization of IEDC and its activities among students, build a competitive and entrepreneurial mindset among innovators, and create a pipeline of startups which culminate in the IEDC Summit.

An inaugural ceremony was conducted in the campus. Our Principal Kemthose Paul along with nodal officers and CEO Dr K P Yeshodharan inaugurated IPL. The ceremony started at 10AM at PG Seminar Hall on 30th November 2022.



Paul
PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayirippu, Kottayam - 682311



Event 1

LINKEDIN 101

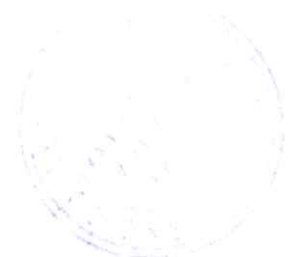
A seminar was conducted for making the students familiar with LinkedIn. It was about how to make use of the account and its exciting benefits for employment portals worldwide. The session was handled by Justin Jacob(CSE 4th year), CTO IEDC SNGCE. 96 students participated in the section.

It was a one hour session held on 30th November 2022 at PG Seminar Hall. The event started at 11 AM.

Event was coordinated by Govind, Vishnu, Avani, Sreejith, Naveen, Adithya, Sibil, Shifina, Livia, Justin Paul, Aju Paul, Parvathy, Geevar and Keerthana



PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayirippu, Kolenchery-682 311





R. Hase

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayirippu, Kolenchery-682 311



Event 2

3D PRINTING WORKSHOP

It was a practical hands on workshop on 3D printing. Sinro Robotics was geared up to ignite a riveting workshop. Section was handled by Jithin and Shyam Kumar of Sinro Robotics.

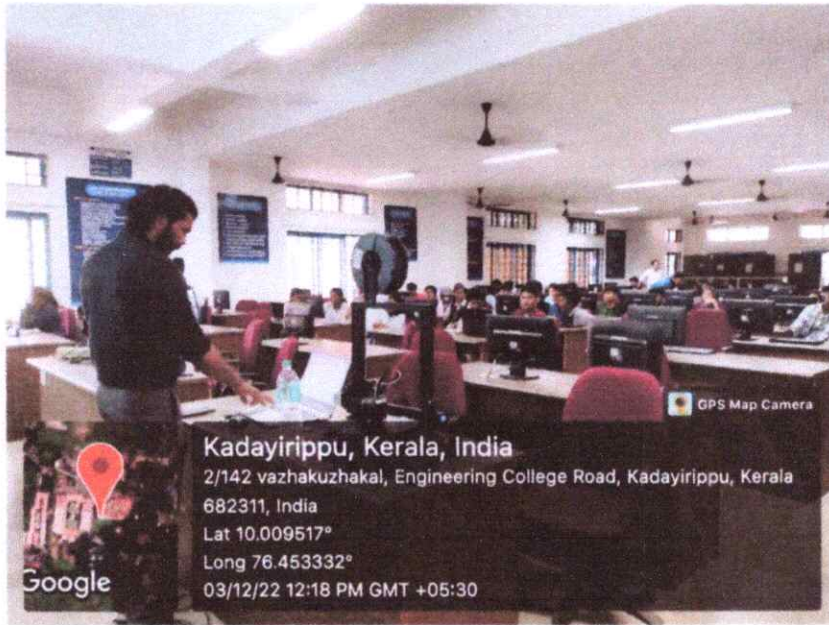
The event was held on 3rd December 2022 at EC Systems lab. 53 students participated in the workshop. It was a full day session.

The workshop was coordinated by Naveen, Sreejith, Vishnu, Justin, Sibil, Govind and Keerthana.



PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery - 682 311





Kadayirippu, Kerala, India

2/142 vazhakuzhakal, Engineering College Road, Kadayirippu, Kerala

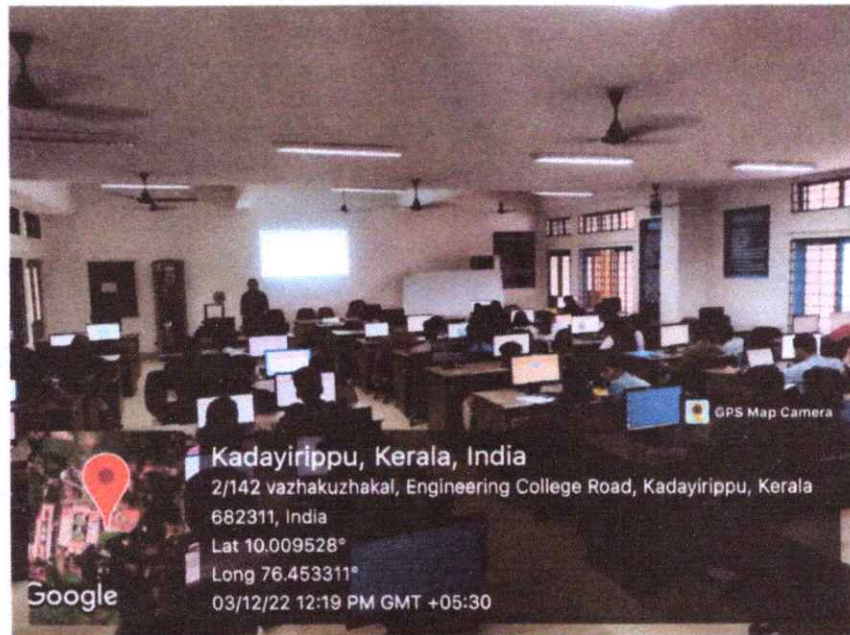
682311, India

Lat 10.009517°

Long 76.453332°

03/12/22 12:18 PM GMT +05:30

Google



Kadayirippu, Kerala, India

2/142 vazhakuzhakal, Engineering College Road, Kadayirippu, Kerala

682311, India

Lat 10.009528°

Long 76.453311°

03/12/22 12:19 PM GMT +05:30

Google

A. Hase
PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadappay, Kolenchery - 682



ICI STUDENTS CHAPTER INAUGURATION

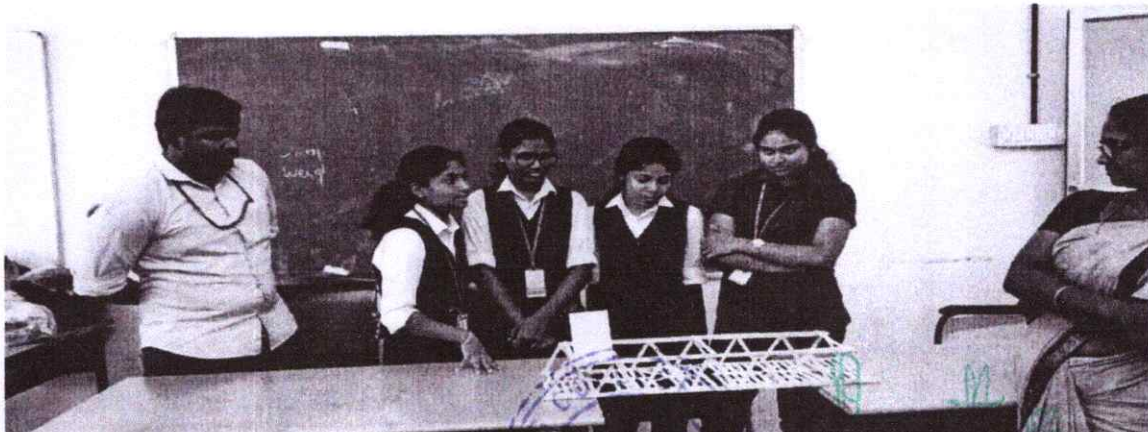
Opening ceremony of ICI Students Chapter at SNGCE Campus was conducted on 13/2/23. The event was presided over by Dr. Anil Joseph and Mr. Shyju C Nair. ICI student coordinators were elected. A technical talk session on recent trends in construction was taken by Dr. Anil Joseph.



ICI STUDENTS CHAPTER ACTIVITIES

1. **Bridge It-The bridge making competition:** A bridge making competition was organized by the civil engineering association on 20/2/2023.

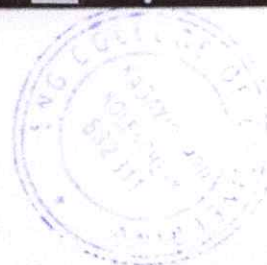
EVENT DETAIL: The Department of Civil Engineering organized a bridge making competition. The session was coordinated by Jeena Mathew, Assistant professor, Department of Civil Engineering. By participating in the Bridge Making Competition students get a flavor of what it is to be an Engineer, designing structures to a set of specifications and then seeing them perform their function. They are also provided with an academically-oriented extracurricular activity which is recognized college-wide.



PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311

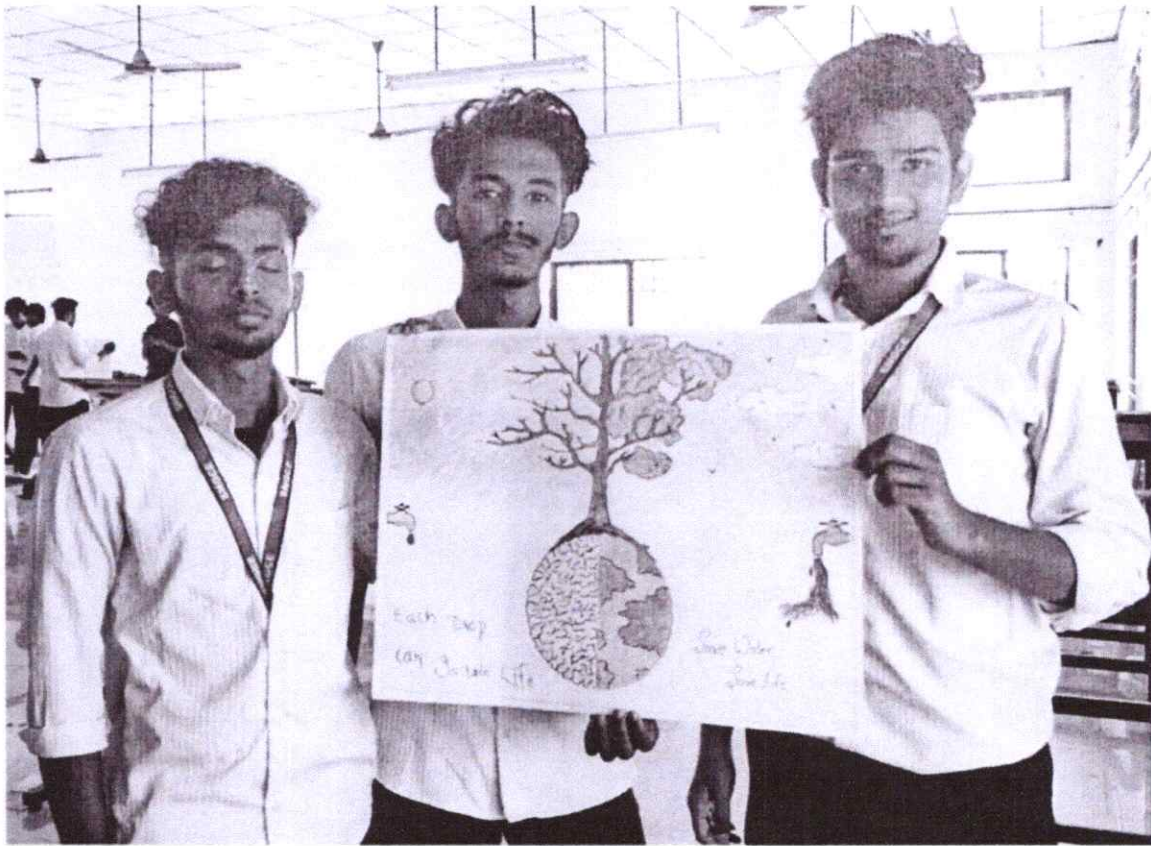


2. **World water day celebration:** Civil engineering association organized world water day celebration on 22/03/2023. A poster designing competition was also organized. Students from various branch participated in the event. The coordinator of the program was Ms. Shilpa Sara Kurian, Assistant Professor, Department of Civil Engineering. The message of the event was "Save water for future generations."

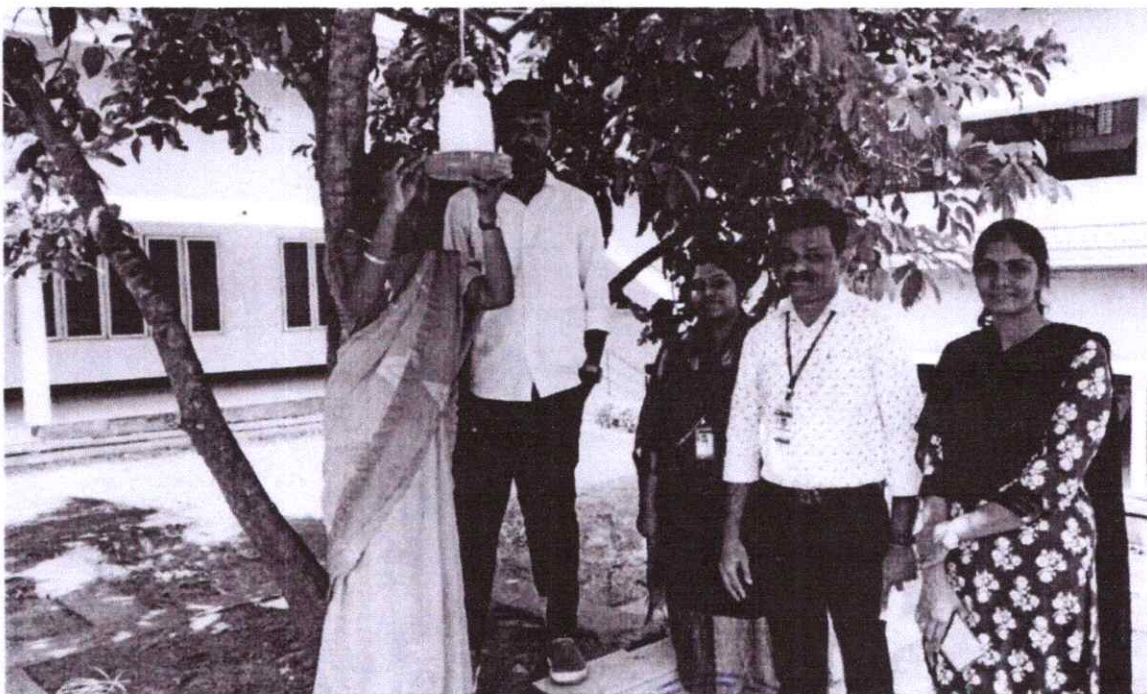


A. Huse

PRINCIPAL
Sree Natayana Gurukulam
College of Engineering
Madayiruppu, Kotelchery-6&2 211



3. Bird water feeder installation on 22/03/2022- Bird water feeders were installed throughout the campus.



H. Huse

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311

4.Environment Day celebration- World Environmental day was celebrated at SNGCE Campus on June 5th Green campus drive was conducted. Students were encouraged to bring saplings and plant in the campus.



5.The department of civil engineering in association with ICI students chapter organized site visit to Chellanam sea wall construction site on 13th March 2023.



A. Huse

Head of the Department
Department of Civil Engineering
SNG College of Engineering
MADRAS UNIVERSITY

IEEE


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682311



Technical Event:-

1. Just a minute

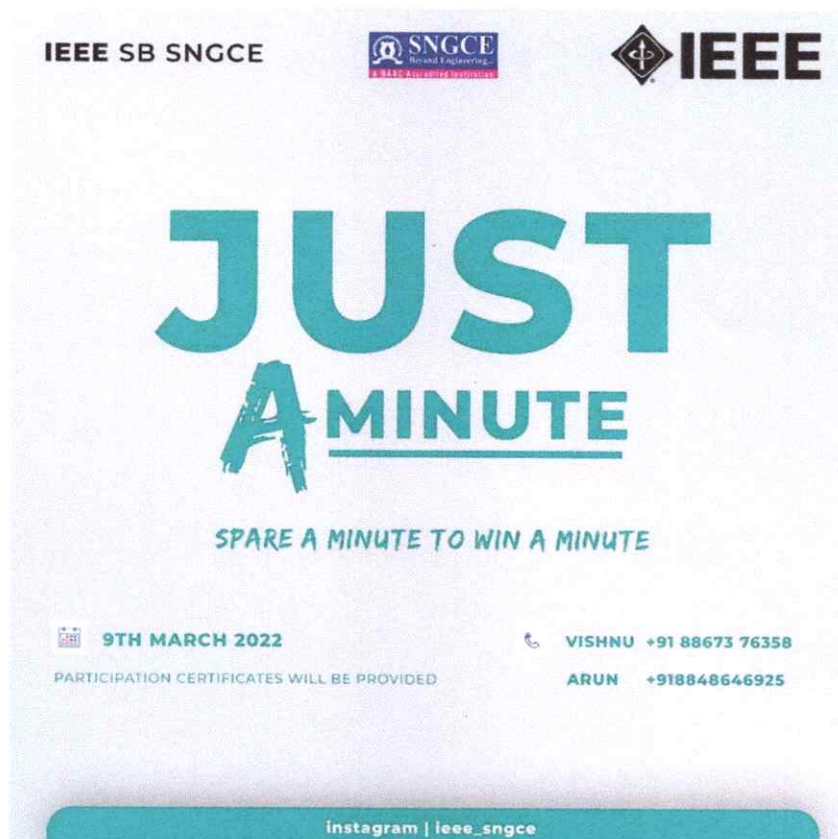
Date: 9th March 2022



Venue: Google Meet

Duration: 1hour 30mins.

Audience: 40

Just A Minute (JAM) was one of the events organized at the SB. JAM was organized by Arun P Madhu and Vishnu S. The event was organized during the science week. To bring out the awareness of science week. The event was conducted online through Google meet. With not less than 40 participants, the competition excelled. The student members were thrilled and fought bravely against the time to stand the whole minute. Among the 40 members 18 students participated and 2 students were selected for the exemplary display of their work. The competition was a grand success.



IEEE SB SNGCE  


JUST A MINUTE

SPARE A MINUTE TO WIN A MINUTE

📅 9TH MARCH 2022 📞 VISHNU +91 88673 76358

PARTICIPATION CERTIFICATES WILL BE PROVIDED ARUN +918848646925

Instagram | ieee_sngce


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering,
Kadayiruppu, Kolenchery-682 311



2. BLOGGING COMPETITION:

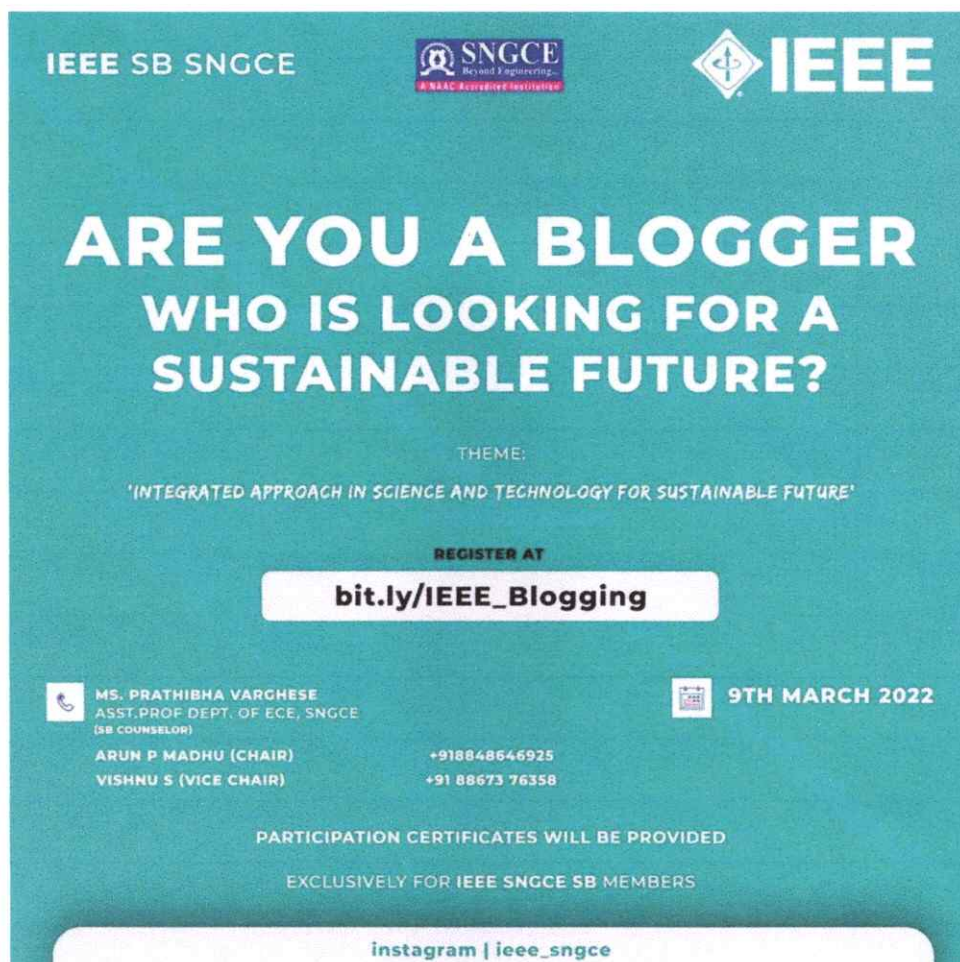
Date: 8th to 9th March 2022



Venue: Google Meet

Duration: 1 day and 2 hours.

Audience: 36

The blogging competition was conducted from 8th to 9th March between 7 pm to 9 pm. Students were given the theme “**Integrated Approach in Science and Technology for Sustainable Future**”. The event was conducted during science week to bring out awareness about science week and sustainability. Arun P Madhu and Vishnu S. coordinated the event and were a grant success. With the active participation of 35 students, 2 students were selected for their best blog writing skill.





IEEE SB SNGCE  

ARE YOU A BLOGGER WHO IS LOOKING FOR A SUSTAINABLE FUTURE?

THEME:
'INTEGRATED APPROACH IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE'

REGISTER AT
bit.ly/IEEE_Blogging

 **MS. PRATHIBHA VARGHESE**
ASST.PROF DEPT. OF ECE, SNGCE
(SB COUNSELOR)

 **9TH MARCH 2022**

ARUN P MADHU (CHAIR) +918848646925
VISHNU S (VICE CHAIR) +91 88673 76358

PARTICIPATION CERTIFICATES WILL BE PROVIDED
EXCLUSIVELY FOR IEEE SNGCE SB MEMBERS

instagram | ieee_sngce


PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311.



3. IDEA PITCHING:

Date: 8th to 9th March 2022

Venue: Google Classroom

Duration: 1 day and 2 hours.

Audience: 36

Idea pitching was conducted at SB to bring out fresh ideas from the students. Idea pitching helped in identifying young entrepreneurs. The participants were given the theme “**Integrated Approach in Science and Technology for Sustainable Future**”. The students submitted incredible ideas for the event. The event was conducted as part of science week.



IEEE SB SNGCE   **IEEE**

IDEA PITCHING

IT'S NOT ABOUT IDEAS. IT'S ABOUT MAKING IDEAS HAPPEN.

 **9TH MARCH 2022**

PARTICIPATION CERTIFICATES WILL BE PROVIDED

 **VISHNU +91 88673 76358**

ARUN +918848646925

instagram | ieee_sngce



PRINCIPAL
Sree Narayana Guru
College of Engineering
Kadayiruppu, Kolenchery-682 311



4. Pi- The King of Constants

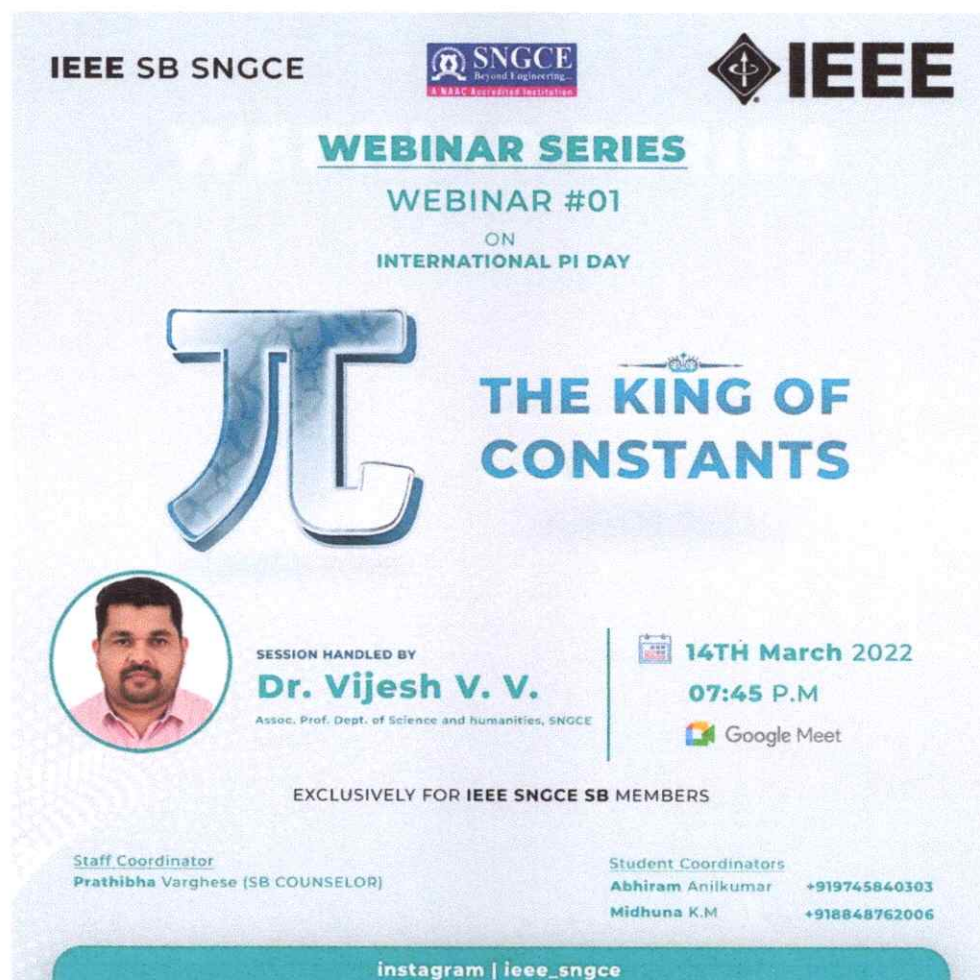
Date: 14th March 2022



Venue: Google Meet

Duration: 1 hour


Audience: 75


On behalf of International Pi Day, the SB conducted a webinar on it. The session was handled by Dr. Vijesh V.V., associative professor of the science and humanities department, SNGCE. The topic was “PI THE KING OF CONSTANTS”. The meeting started with prayer, and a code of ethics, followed by a welcome speech, webinar, and vote of thanks. At the end of the meeting quiz competition were also conducted. Dr. Vijesh shared his vast knowledge about pi the infinitely long, irrational number.





IEEE SB SNGCE



WEBINAR SERIES
WEBINAR #01
 ON
INTERNATIONAL PI DAY


**THE KING OF
CONSTANTS**


SESSION HANDLED BY
Dr. Vijesh V. V.
Assoc. Prof. Dept. of Science and humanities, SNGCE


14TH March 2022
07:45 P.M
 Google Meet

EXCLUSIVELY FOR IEEE SNGCE SB MEMBERS

Staff Coordinator
 Prathibha Varghese (SB COUNSELOR)

Student Coordinators
Abhiram Anilkumar +919745840303
Midhuna K.M +918848762006

instagram | ieee_sngce


PRINCIPAL
 Sree Narayana Gurukulam
 College of Engineering
 Kadayiruppu, Kolenchery-682 301



5. Python Workshop

Date: 9th May 2022


Venue: SNGCE, Systems Lab ECE dept.

Duration: 6 hours

Audience: 30

A full-day hands-on workshop was conducted at the systems lab. The Workshop gave our members an opportunity to clear their python doubts and gain further knowledge. Python is the latest language used worldwide. The students got to learn the basics of python which helped in understanding the benefits and it's scope in the software field.




PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311.



6. Webinar- Computer Vision Application

Date: 30th May 2022

Venue: Google Meet

Duration: 1 hour

Audience: 45

The SB organized a webinar on the topic of Computer Vision Application. The session was handled by Dr. Deepak Mishra, Professor and Head of the Department of Avionics, Indian Institute of Space Science and Technology, Trivandrum. The meeting was very helpful for the students as they could interact with a man with high experience in his field of study. The webinar had the active participation of 45 members who were eagerly listening to Dr. Deepak.



The poster features the SNGCE IEEE Student Branch logo at the top left, the SNGCE logo at the top center, and the IEEE logo at the top right. The text reads: 'WEBINAR SERIES WEBINAR #02' followed by 'INTRODUCTION TO COMPUTER VISION' in large blue letters. Below this, a circular portrait of Dr. Deepak Mishra is shown. To the right of the portrait, it says 'SESSION HANDLED BY Dr. Deepak Mishra' and lists his title and affiliation: 'Professor and HOD, Department of Avionics, Indian Institute of Space Science and Technology, Thiruvananthapuram'. Further right, the date and time are given as '30TH May 2022 07:00 P.M.' and the platform as 'Google Meet'. At the bottom of the poster, it states 'EXCLUSIVELY FOR IEEE SNGCE SB MEMBERS' and provides the Instagram handle 'instagram | ieee_sngce'.



PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadayiruppu, Kolenchery-682 311



7. Robotics Workshop

Date: 10th July 2022

Venue: Christ College of Engineering

Duration: 6 hours

Audience: 14

IEEE SB SNGCE and IEEE SB CCE joined hands together and conducted a workshop and competition in Robotics. A team of 14 students visited Christ College of Engineering, where Mr. Sunil Paul the Branch Counsellor of IEEE SB CCE taught us the basics of Arduino board. The students had a hands-on experience with the Arduino board. The students-built Line Follower Bot using Arduino.




Sree Narayana Education Trust
College of Engineering
Kadayiruppu, Kolenchery-682 311



8. WEBINAR- WEB2PY

Date: 16th October 2022

Venue: Google Meet

Duration: 2 hours

Audience: 68

IEEE CS SBC SNGCE conducted Web2py Webinar sessions virtually using the google meet platform. The event was handled by Mr. Dileep Kumar K, System Analyst, College of Applied Science, Kottayam. The event was held at 07:00 pm on 16th October 2022 and was attended by over 70 IEEE SB SNGCE members. During the session, Mr. Dileep explained the working and features of web2py. The session was well-loved by the participants.



SNGCE IEEE Student Branch **IEEE COMPUTER SOCIETY** **IEEE**

WWW.IEESNGCE.COM
@WWW.IEESNGCE.COM
@IEEE_SNGCE


WEBINAR

Introduction to Web Application Development
Using Web2Py Framework

For **IEEE SB SNGCE** Members

16th October
07:00 PM
Google Meet

Host: **Dileep Kumar K**
System Analyst, College of Applied Science
Puthuppally, Kottayam


PRINCIPAL
Sree Narayana Gurukula
College of Engineering
Kadayiruppu, Kolenchery-682



9. Webinar-Introduction to Virtual Reality

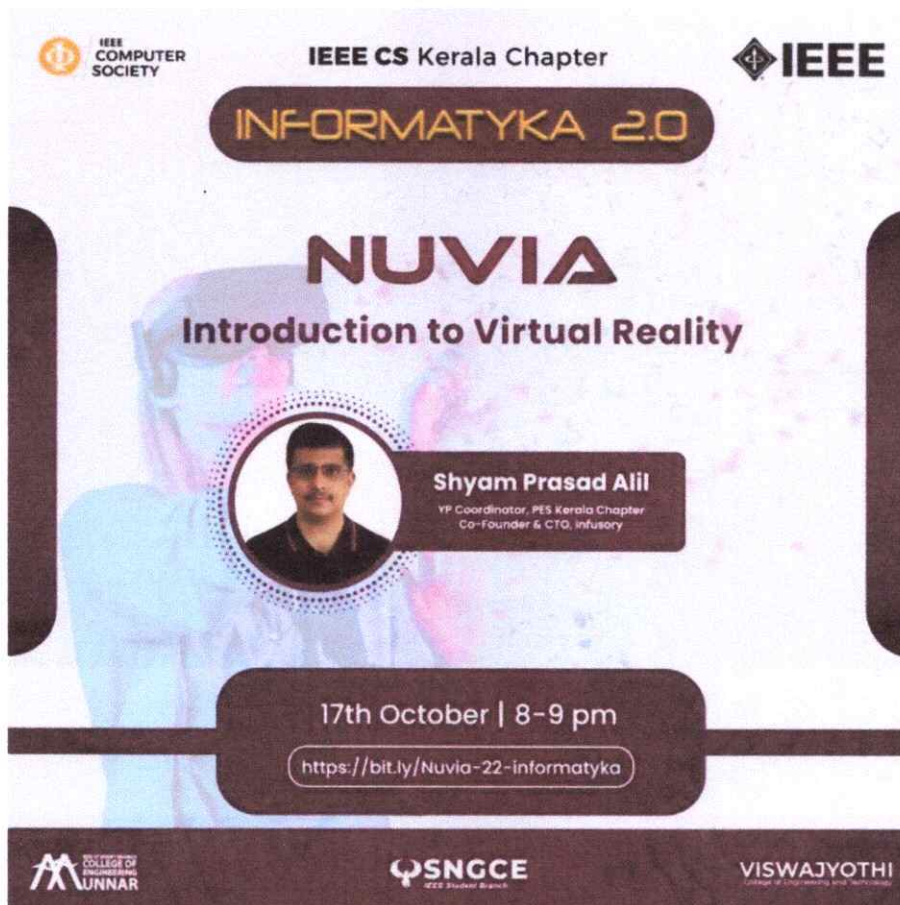
Date: 17th October 2022

Venue: Google Meet

Duration: 1 hour

Audience: 68

IEEE CS SBC SNGCE together with College Of Engineering Munnar SBC, Vishvajothi SBC and CS kerala Chapter. conducted Introduction to Virtual Reality Webinar session virtually using google meet platform. The event was handled by Mr. Shyam Prasad Alil, YP Coordinator, PES Kerala Chapter. The event was held at 08:00 pm on 17th October, 2022.



The poster features the IEEE Computer Society logo on the top left, the IEEE CS Kerala Chapter logo at the top center, and the IEEE logo on the top right. The main title 'INFORMATYKA 2.0' is in a dark rounded rectangle. Below it, 'NUVIA Introduction to Virtual Reality' is written in large, bold letters. A circular portrait of Shyam Prasad Alil is shown, with his name and title 'YP Coordinator, PES Kerala Chapter Co-Founder & CTO, Infusory' next to it. At the bottom, the date '17th October | 8-9 pm' and the URL 'https://bit.ly/Nuvia-22-informatyka' are provided. Logos for College of Engineering Munnar, SNGCE, and Vishvajothi are at the very bottom.

A. Huse

PRINCIPAL
Sree Narayana Gurukulam
College of Engineering
Kadaviruppu, Kolenchery-682 311

