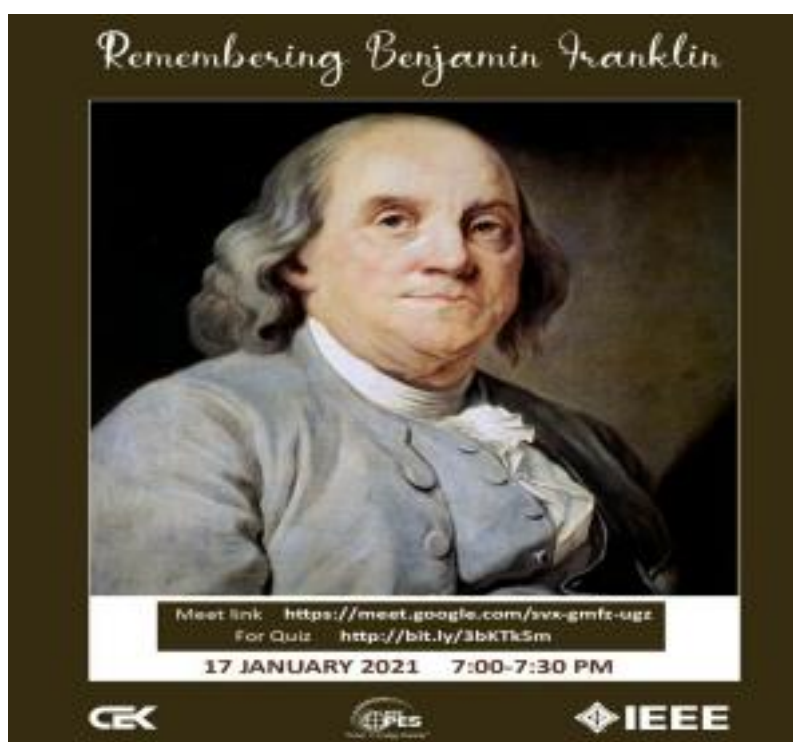


# **ANNUAL REPORT 2021**

## **1.Remembering Benjamin Franklin**

IEEE Student Branch College of Engineering Karunagappally in association with the IEEE PES Kerala Chapter and Power & Energy Society, conducted a quiz competition and an inspirational talk named "Remembering Benjamin Franklin" on 17th January 2021, on behalf of 'Remembering the legends 2.0', an initiative under the PES Kerala Chapter. Session lasted for about an hour. About 27 participants showed up in the session. Participants gave enormous positive feedback.



## **2. PES Day 2021: Edizone 2.0 inaugurated by Ms. Chaitali Naik (Chair, PES DAY 2021)**

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized the 2<sup>nd</sup> edition of their virtual PES Day Technical Fest, as a part the PES Day 2021 initiatives*



Fig 1: Poster of Edizone 2.0

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student Branch Chapter and the PES Women in Power in association with the 2021 PES Day Celebrations, organized the second edition of our PES Day Virtual Technical Fest, Edizone 2.0. With the theme “Clean Energy Revolution”, the 7-day event aimed to inspire, educate and empower students, offering online sessions and contests related to the theme, with a chance to win exciting prizes.

Though the event was announced on the 15<sup>th</sup> of April, the pre-registrations to the sessions and contests began on 18<sup>th</sup> April in the official website of Edizone (<https://edizone.ieeesbcek.org/>). The virtual technical fest was scheduled from 23<sup>rd</sup> April to 27<sup>th</sup> April 2021.

A total of 6 events were organised as part of the initiative and prize money was awarded to the winners of each of the events. The following were the sessions and contests organised as part of the initiative.

1. Inauguration Session - Ms. Chaitali Naik (Chair, PES DAY 2021)
2. Circuit Designing Competition
3. Animation Contest

4. Technical Writing Contest
5. Humanitarian Project Idea Contest
6. IEEE PES Day Quiz 2021

## Inauguration Ceremony – Edizone 2.0



Fig 2: Poster of Inauguration of Edizone 2.0

The inauguration to Edizone 2.0 was scheduled on the 23<sup>rd</sup> April 2021, at 8:30 PM (IST). With over 60 participants, the inauguration ceremony started with a welcome speech by Ms. Amitha Nair, Chair IEEE SB CEK. With a sneak peek into the concepts of Edizone, she welcomed the audience to the ceremony. Edizone 2021 was officially inaugurated by Ms. Chaitali Naik (Chair, PES DAY 2021) with an inspiring inaugural address. She walked the audience through the contributions of IEEE PES to the student communities, and the purpose or motive behind PES Day and its theme “Clean Energy Revolution”. She also talked about her contributions to the Society, inspiring the young audience to take up voluntary initiatives and leadership positions to bring about a positive influence to the community. Students then asked their queries to Ms. Chaitali, making the session yet more interactive. The inauguration session concluded with a Vote of Thanks by Ms. Riya Elizabeth, Chair IEEE PES SBC CEK. She wound up the ceremony explaining what Edizone was, its associated events and how

students could participate in the various contests associated with the event.



Fig 3: Inauguration of Edizone 2.0 by Ms. Chaitali Naik

The inauguration ceremony marked the beginning of the 7-day technical fest. The various contests associated with the event were opened on 23<sup>rd</sup> April, and submissions to the various events were accepted through the official website. The platform was closed on 27<sup>th</sup> April and the winners were to be announced by the second week of May

### 3.IEEE PES Day 2021: PES Day Quiz organized by IEEE SB CEK

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized an online PES Day quiz competition as a part of the PES Day 2021 initiatives*

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student Branch Chapter and the PES Women in Power in association with the 2021 PES Day Celebrations, organized an online PES Day Quiz as part of the PES Day Virtual Technical Fest, Edizone 2.0, from the 23<sup>rd</sup> to the 27<sup>th</sup> of April 2021. The quiz was available on all the 7 days of the initiative on the website: <https://edizone.ieeesbcek.org/>.



Fig 1: Poster of PES Day Quiz Competition

A transition to clean energy is about making an investment in our future. The quiz was organized on the theme “Clean Energy”. With 20 questions from different fields of Energy sectors, the quiz competition witnessed over 70 participants from all over Kerala Section and members from Pakistan Sections as well. Participants were encouraged to study and get acquainted with general fields in Power and Energy Sectors. The quiz portal was closed on the 27<sup>th</sup> of April.

## 4.PES Day 2021: Technical Writing Contest organized by IEEE SB CEK

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized an online technical writing contest as a part the PES Day 2021 initiatives*

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student Branch Chapter and the PES Women in Power in association with the 2021 PES Day Celebrations, organized an online Technical Writing Contest as part of the PES Day Virtual Technical Fest, Edizone 2.0, from the 23<sup>rd</sup> to the 27<sup>th</sup> of April 2021, on the topics Electric Vehicles and Green Energy Revolution. The contest was available on the website: <https://edizone.ieeesbcek.org/>.



Fig 1: Poster of Technical Writing Contest

The technical writing contest was open to all graduates and undergraduate students from all streams from the 23<sup>rd</sup> April to 27<sup>th</sup> April 2021. Technical writings of less than 3 pages were submitted by students on either the theme Electric Vehicles or Green Energy Revolution. Pre-registrations to the contest began on 22<sup>nd</sup> April and had over 40 registrations from students across Kerala Section and from Pakistan Section as well. A cash prize of 500 INR was awarded to the winner, Ms. Vidyani Gunarathne from Wayamba University of Sri Lanka. Participants were encouraged to brainstorm their ideas to submit interesting technical reports on the topic.

## 5.PES Day 2021: Humanitarian Project Idea Contest organized by IEEE SB CEK

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized an online humanitarian project idea contest as a part the PES Day 2021 initiatives*

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student Branch Chapter and the PES Women in Power in association with the 2021 PES Day Celebrations, organized an online Humanitarian Project Idea Contest from the 23<sup>rd</sup> to the 27<sup>th</sup> of April 2021, on the website: <https://edizone.ieeesbcek.org/> as part of our PES Day Virtual





Fig 1: Poster of Humanitarian Project Idea Contest

The Humanitarian Project Idea Contest was open to all graduates and undergraduate students from all streams for the 7 days. Young minds were invited to register as a group of 2 members to present their ideas on any humanitarian project as a video of less than 2 minutes. The contest had over 35 participants from across Kerala Section and Pakistan Session as well. Students were encouraged to present original humanitarian project ideas using the skills within themselves in presenting as ideas were also encouraged to be presented graphically. The winner of the contest, Mr. Nandakumar V from Govt. College of Engineering Kannur was awarded a cash prize of 500 INR.

## 6. PES Day 2021: Animation Contest organized by IEEE SB CEK

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized an online Animation Contest as a part the PES Day 2021 initiatives*

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student

Branch Chapter and the PES Women in Power in association with the 2021 PES Day Celebrations, organized an Animation Contest as part of the PES Day Virtual Technical Fest, Edizone 2.0, from the 23<sup>rd</sup> to the 27<sup>th</sup> of April 2021. The contest was hosted virtually on the website: <https://edizone.ieeesbcek.org/>.



Fig 1: Poster of Animation Contest

With any topic Portraying the concept of Clean Energy, the pre-registrations to the animation contest began on the 20<sup>th</sup> April. The competition witnessed participants from all over the Kerala Section and Pakistan Sessions as well with over 50+ registrations. Participants were asked to submit an animated video with the theme of clean energy for a duration of maximum 1 minute. It was successful in brainstorming young minds to deliver their ideas on the theme using the technical skills within themselves. The winner of the contest, Mr. Adithyan K P from College of Engineering Karunagappally was awarded a cash prize of 1000 INR.

## 7. PES Day 2021: Circuit Designing Competition organized by IEEE SB CEK

*IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), PES SBC CEK and the PES Women in Power CEK organized an online Circuit Designing Competition as a part the PES Day 2021 initiatives*

IEEE Student Branch College of Engineering Karunagappally (IEEE SB CEK), the PES Student Branch Chapter and the PES Women in Power in association with the 2021



PES Day Celebrations, organized an online circuit designing competition as part of the PES Day Virtual Technical Fest, Edizone 2.0, on the website: <https://edizone.ieeesbcek.org/> from 3<sup>rd</sup> May to 7<sup>th</sup> May 2021.



Fig 1: Poster of Circuit Designing Contest

The pre-registrations to the event began on the 21<sup>st</sup> April. With over 40+ registrations the competition witnessed participants from all over the Kerala Section and Pakistan Session as well. Participants were asked as a team of 2 members to design a circuit, efficiently solving a given problem statement and 4 hours was provided for the completion of the competition. The circuit was to be designed, simulated and finally converted to a PCB layout. The winners of the competition, Mr. Susmith Das K and Mr. Bibin Biju Joshua from TKM College of Engineering were awarded a cash prize of 1000 INR.