











EXECOM 2024





Reports of Previous Years

IEEE SB Report 2019-2020

IEEE SB Report 2021

IEEE SB Report 2022

IEEE SB Report 2023

Social Media Handles

Instagram: https://www.instagram.com/ieeesblbscek/

LinkedIn: https://www.linkedin.com/company/ieee-lbscek-sb/

Email: ieeesb@lbscek.ac.in

HIGHLIGHTS 2023

APP DEVELOPMENT WORKSHOP

An app development workshop was conducted by IEEE SB LBSCEK in collaboration with Talrop. The workshop was focused on the first years of the college. The participants received knowledge and a wonderful experience throughout the session. The event was conducted on SDPK LAB on 4^{th} February 2023.



AUTOMATED ANNOUNCEMENT SYSTEM FOR WASTE MANAGEMENT

Automated announcement system for waste management/separator is the project of SB LBSCEK installed at General hospital, Kasaragod. The necessity of alerting people to dispose of the waste properly and improve the waste management initiative was the key idea behind the presumed project. The device was set up on 25th February 2023. Kasaragod Municipal Chairman V. M. Muneer inaugurated the system. After weeks of usage, the positive reviews or responses received from the hospital was encouraging to come up with new innovative projects.



ജനറൽ ആസ്പത്രിയിൽ മാലിന്യം കളയുന്ന കാര്യത്തിൽ ഇനി ശങ്ക വേണ്ട

മാസർകോട്≻ ജനറൽ ആസ്ത ത്രിയിലിനി മാലിനും എവിടെ കളയണം എന്ന കാര്യത്തിൽ സംശയം വേണ്ട. പ്ലാസ്റ്റിക്, ജെവ-അജെവ മാലിനും, ഒക്ഷനാവശിഷ്യങ്ങാ എന്നിവ എവിടെ കളയണമെന്നു പറഞ്ഞു തരുന്ന യത്രമാണ് ആസ്ത്രീയിലെ മാലിന്യ സം സ്തീയവുമാക്കാൻ സഹായി ക്കുക.

ക്കുക. മാലിനൃവുമായി രോഗികളോ കൂട്ടിരിവ്യുകാരോ ജീവനക്കാരത സമീപം എത്തുമ്പോടാതനെ ആരംക്കാരുടെ സാന്നിധ്യം മന സ്സിലാക്കി നിർദേശങ്ങയ നൽ കുംവിധമാണ് യന്ത്രത്തിന്റെ പ്ര വർത്തനം.

വർത്തനം. മോഷൻസെൻസർ സാങ്കേതി കവിദ്യ അടിസ്ഥാനമാക്കിയാണ് യന്ത്ര പ്രവർത്തനം. ആഠംക്കാർ യന്ത്രത്തിന് സമീപത്ത് എത്തു



പൊട്ടത് എത്.ബി.എസ്. എൻജിനിയറിൽ കോളേജ് വിദ്യാർഥികറ നിർമിച്ച യന്ത്രം കാസർകോട് ജനറൽ ആസ്യത്രിയിൽ സ്ഥാപിക്കുന്ന ചടങ് കാസർകോട് നഗസേദാ ചെയർമാൻ വി.എം. മുനീർ ഉദ്-ലോടനം ചെയ്യുന്നു

പോഠം അത് തിരിച്ചറിഞ്ഞ് യന്ത്ര ത്തിനുള്ളിൽ മുൻകുട്ടി പ്രോഗ്രാം ചെയ്ത് - ലടിപ്പിച്ച ശബ്ദസദേശമാ ണ് ആളുകഠാക്ക് മാലിന്യം എവി ടെയിടണം എന്ന കാര്യം വിശദീ കരിക്കുക.

കാസർകോട് പൊവ്വൽ എൽ. ബി.എസ്. എൻജിനിയറിങ് കോ ളേജിലെ ഐ ടിപ്പീഠാ ഇ (ഐ.ഇ .ഇ.ഇ.) സ്റ്റുഡന്റ് ബ്രാഞ്ചിന്റെ നേ

തൃത്വത്തിലാണ് ഈ യന്ത്രം നിർമി ച്ചിരിക്കുന്നത്. പരീക്ഷണാടിസ്ഥാ നത്തിൽ നിലവിൽ കാസർകോട്

അനൽ അസ്പതിയ കാസരകോട ജനറൽ ആസ്പത്രിയിലെ പ്രസവ വാർഡിലാണ് ഇത് ഘടിപ്പിച്ചിരി ക്കുന്നത്. ക്കുന്നത. പദ്ധതി വിജയകരമാണെങ്കിൽ ജനറൽ വാർഡുകളിലും ശൗചാല യങ്ങാംക്ക് സമീപവും ഇത് പോ ലുള്ളവ ഘടിപ്പിക്കുമെന്നാണ് ഇതിന്റെ നിർമാണത്തിനു നേതൃ ത്വം നൽകിയ വിദ്യാർഥികഠം പറ യുന്നത്.

ത്വം നൽകിയ വിദ്യാർഗിക്കാ പറ യുന്നത്.
പുതിയ പന്നിപ്പിൽ കാസർകോ ടുള്ള മറ്റു ദാഷകാ കൂടി ഉറപ്പെടുത്തിയാകും യന്ത്രം പുറത്തിറെ കുക. അത്തോറ് രൂപയാണ് ഈ യന്ത്രത്തിരിന്റ് നിർമാണച്ചെലറ്. കാസർകോട് പൊറുൽ എൽ. ബി.എസ്. എൽജിനിയറിൽ കോ ളേജിലെ പ്രൊഫ. റെൻസി സാം മാത്യം, വിദ്യാർഥികളായ കെ. ശ്രീനിവാസ് പൈ. ഇ. അശ്വിൻ, മാണി കുരുവിള, പി. അടിജിൽ, എന്റാം പി. അതിജിൽ, എന്റാം പി. അതിജിൽ, യത്രാം, പി. അതിജിൽ, യത്രാം, പി. അതിജിൽ, യത്രാം, വി. അതിജിൽ, യത്രാം, വി. അതിജിൽ, യത്രാം, വി. അതിജിൽ, യത്രാം, വി. അതിജിൽ, യത്രം സ്ഥാപിക്കുന്നതിന്റെ ഉർഘടനം. കാസർകോട് നഗര സഭാ ചെയർമാൻ വി.എം. മുനിർ നിർവചർച്ചു. ജനറൽ ആസ്യത്രിന്റെ വരുക്ക് നായപ്രക്ഷ് നാജാറാം. അധ്യക്ഷ നായി.

8/02/2023 KASARAGOD Pg 13

Report in Mathrubhumi Newspaper

ANNUAL GENERAL MEETING 2023

Annual general body meeting of SB for the year 2023 was conducted on 28th March 2023. Principal of LBSCE KASARAGOD, Dr. Mohammed Shekkor T. inaugurated the meeting and had a brief talk about the impact created by the students branch on college. Certificates and awards received by the volunteers during the period were distributed. Chair of SB 2022, Mr. Sreenivas Pai K, presented the SB report for the previous year.



PROJECT CLASH

IEEE SB LBSCEK and the Department of Electronics and Communication Engineering organized "INTERDISCIPLINARY PROJECT CLASH" as part of EXIMIUS'23. It was held on 28th April 2023. The project competition showcased participants' creativity and technical skills, fostering healthy competition and innovation. 12 teams from various departments participated.



STALL AT ENTE KERALAM

As part of the second anniversary celebration of the state government, the Ente Keralam mega exhibition and marketing fair , showcasing products and services from various entrepreneurs. IEEE SB LBSCEK, in collaboration with LBSCEK, participated in the fair to exhibit the technical brilliance of students and volunteers from 3^{rd} May 2023 to 9^{th} May 2023 at Kanhanghad



ELECTRICAL WIRING AND SOLDERING WORKSHOP



IEEE SB LBSCEK, in collaboration with IEEE Malabar Subsection, organized an Electrical Wiring & Soldering Workshop for 11th and 12th standard students, part of 'Road Map to Success in Engineering Studies.' on 9th June 2023 from 10.00 AM to 3.00 PM in our campus. The workshop, covering safety, wiring fundamentals, soldering techniques, and troubleshooting, provided hands-on experience. Participants gained skills and confidence for electrical tasks through a practical and informative session.







NASA SPACE APPS BOOTCAMP

IEEE SB got the opportunity to organize the NASA Space Apps Bootcamp Arranged by NASA SPACE APPS Thrissur on 26th September 2023 in two batches.





BRAINSTORMING AND LIVE PROBLEM SOLVING

IEEE Members were given a real-life problem and asked to brainstorm on 17th November 2023 at 1 PM in the EEE Department seminar Hall. The case study was of a KSEB office which needs to attend the call of the local people in an emergency at midnight. Students formed groups of three and discussed a viable technological solution to the problem. Then they were given the opportunity to share the solutions in front of the class.



CONNECTED 2.0

As a part of *'Digi Femmina* - Helping others achieve digital freedom', WiE AG IEEE SB LBSCEK in collaboration with IEEE WiE Malabar Hub introduced '*Connected 2.0* at Sauhruda Arts & Sports Club, Barotty, Kasaragod

The primary goal of members of IEEE WIE was to educate kudumbasree women ,that was about the usage of online payment services and tech related contents through smartphones like Google pay, Google assistant, etc. It also aimed to familiarize online transactions and essential modern technologies. The session began with an inaugural speech from Gopalakrishnan Kalavayil ,ward member of Barotty. Close to 38 people including 27 kudumbasree members in the presence of 10 IEEE LBSCEK members and 1 non IEEE member attended the class. The event was held in the presence of Gopalakrishnan Kalavayil ,ward member of Barotty Sunitha,Secretary of ADS and Nisha Librarian of Sauhruda Arts & Sports Club.

The event taught the basics of online payment through G-pay such as downloading gpay from the play store and basics of online banking. And we also taught about how to use google assistant ad social medias like WhatsApp . These valuable insights help the participants to be more productive and self-sufficient . The event ended by a doubt-clearing session and with a refreshment.

The participants found that the event was more informative.

Overall there was an atmosphere of enthusiasm and learning new stuff.





MEN IN ARMED FORCES



As a part of International Women in Engineering Day celebrated on June 23,IEEE WiE AG LBSCEK in collaboration with IEEE Malabar Hub conducted an online webinar via zoom on 23rd June 2023 beginning from 7pm.The aim of the talk session was to provide a platform for the students to know about the involvement of women in armed forces. 27 students from different

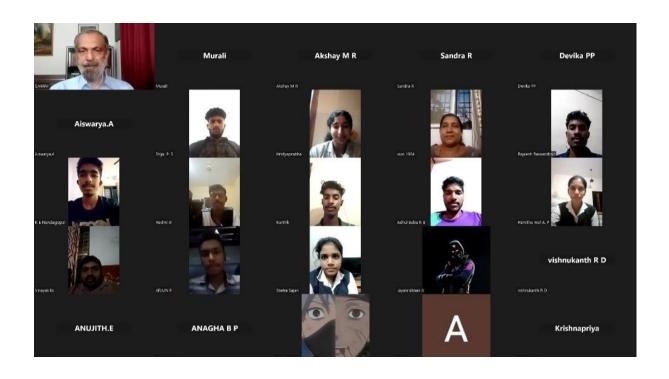
colleges attended the talk session, In which Cdr Prasanna Edayilliam presented her life experiences, battle for equality at the armed forces. The speech was really motivating and inspiring for the participants. The event was coordinated by the execom of WiE AG LBSCEK.

NATIONAL LEVEL ONLINE WEBINAR



PES society IEEE SB LBSCEK conducted a national-level webinar for the members on the topic "Train 18/Vande Bharat Project: The Story of an Engineer's Dream Turning into Reality on June 2, 2023 6 PM. The session was coordinated by chair Arjun P, Akshay MR, and KE Nandagopal, and it was started with a welcome speech by Sandra R. Sudhanshu Mani Sir, the brain behind India's first semi-high-speed train, Vande Bharat Express, led the session. This was such an informative session where he shared his experiences working on this project and gave a brief on the technical side of the train. The main focus of the webinar was to share their journey to making this dream project a reality. The Q&A session conducted at last was really helpful for the members to know more about the topic, and Sudhanshu Mani sir was glad to clarify our queries. The session which was about one hour was concluded with a vote of thanks by Hridya

Prabha M. 121participants were present of which 83 were IEEE members from different institutions.



EXPERT TALK ON TELECOM EVOLUTION IN THE LAST 3 DECADES AND CURRENT EMERGING TECHNOLOGIES



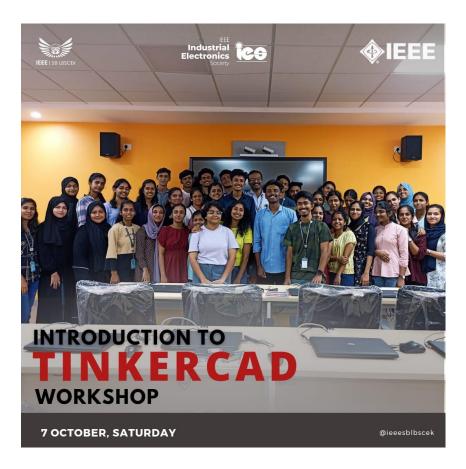
An Expert talk on the topic 'telecom evolution in the last 3 decades and current emerging technologies 'was organized by Department of Electronics and Communication LBSCEK in collaboration with IES IEEE SB LBSCEK as a part of EXIMIUS on 17th February 2023 from 10.30 AM in the Amphitheatre of the AD Block of our college. The event was especially for all electronic aspirants and all the IEEE members. The resource person was Gouthaman PK [Senior director (RETD), Etisalat, UAE, and sir shared best of his knowledge to keep us updated about the new telecom industry and its application. As an experienced person in the field he was able to answer all the questions that arose. 82 students participated



INTRODUCTION TO TINKERCAD



IEEE IES LBSCEK conducted a workshop on Introduction to Tinkercad on 7th October 2023 at SDPK Lab. Mr. Abhijith P, S7ECE was the resource person.



LED BULB ASSEMBLING CLASS FOR HEARING IMPAIRED STUDENTS

LED Bulb Assembling was a workshop conducted on request from Mar Thoma School for the Deaf. The LED bulb assembling is a detailed chapter in the curriculum of Physics of the 10th Standard. As a part of LED bulb assembling Industrial electronic society conducted a workshop at Marthoma School for the Deaf, Kasaragod on 14th September, 2023 from 9.30 AM to 2.00 PM. The aim of the program was to introduce the components of the LED Bulb and its assembling for the specially abled students. This also gave them vocational training to help build self-discipline, a sense of economic security and self-reliance.20 students participated. The teachers of the school stood as interpreters between the students and our volunteers. 7 of our members were volunteers for this programme.





ചെർക്കള മാർത്തോമ്മാ ബധിര വിദ്യാലയത്തിൽ നടന്ന എൽഇഡി ബൾബ് നിർമാണ പരിശീലനം.

എൽഇഡി ബൾബ് നിർമാണ പരിശീലനം നൽകി

ചെർക്കള: മാർത്തോമ്മാ ബധിര വിദ്യാലയത്തിൽ നടന്ന എൽഇ ഡി ബൾബ് നിർമാണ പരിശീല നം ഫാ.നോബിൾ മാത്യു ഉദ്ഘാ ടനം ചെയ്തു.

സ്കൂൾ അഡ്മിനിസ്ട്രേറ്റർ ഫാ.മാത്യു ബേബി അധ്യക്ഷത വഹിച്ചു. മുഖ്യാധ്യാപിക ജോ സ്മി ജോഷ്വ മുഖ്യപ്രഭാഷണം നടത്തി. പൊവ്വൽ എൽബിഎസ് കോളജ് ഓഫ് എൻജിനിയറിംഗ് അസി.പ്രഫസർ റെൻസി സാം മാത്യു നേതൃത്വം നൽകി.

കെ. കെ. കിഷൻരാജ്, അയാ ന ഫാത്തിമ, സിബി സി. കുഞ്ഞ പ്പൻ, പിടിഎ പ്രസിഡന്റ് ആർ. ഭാ സ്കരൻ, കെ. കെ. കൃഷ്ണ എ ന്നിവർ പ്രസംഗിച്ചു. സി. ബിജു മോൻ സ്വാഗതവും കെ. ടി. ജോ ഷിമോൻ നന്ദിയും പറഞ്ഞു.

BRANCH FORMATION OF COMPUTER SOCIETY

The IEEE Membership and Graphic Activities Department has approved the formation of the Computer Society Student Branch Chapter (SBC) of LBS College of Engineering on 23 May 2023, in response of the petition submitted by 6 student members and Dr. Smithamol M.B., SBC Advisor. We received the approval notification from IEEE Membership and Graphic Activities Department on 23 May 2023.



Cecelia Jankowski Managing Director Member and Geographic A Phone + 1 732 562 5504 Fax + 1 732 867 9943

22 May 2023

Muhammed Ajmal Kalanad Abdulazeez K H Manzil P.O Kalanad, Kasaragod Kerala 671317 India

Dear Muhammed Ajmal Kalanad Abdulazeez:

Congratulations! It is a pleasure to inform you that the requirements of the Member and Geographic Activities Board Operations Manual have been met and the IEEE Computer Society Student Branch Chapter at the LBS College of Engineering-Kasargod has been formed. The effective date of this Student Branch Chapter formation is May 19, 2023.

On behalf of the IEEE and its members, I would like to welcome your Branch Chapter to the student program. If you have any questions or need assistance, please do not hesitate to contact our Student Services department at:

Student Services IEEE Member and Geographic Activities Department 445 Hoes Lane Piscataway, NJ 08854

student-services@ieee.org, email +1 732 562 5527, phone +1 732 463 9359, fax

Cecelia Jankowski

Cecelia Jankowski Managing Director Member and Geographic Activities

cc: L. Fung – Region 10 Director
J. DelaCruz – Region 10 Student Activities Chair
W. Hippola – Region 10 Student Representative

N. Patel - Computer Society President

F. Bouche – Computer Society Vice President, Member & Geographic Activities

D. Bondurant – Computer Society Geographic Activities Vice-Chair

M. Kasim S – Kerala Section Chair

S. Jose – Kerala Section Student Activities Chair R. Mathew – Student Branch Counselor S. Pai K – Student Branch Chair Smithamol M B – Student Branch Chair

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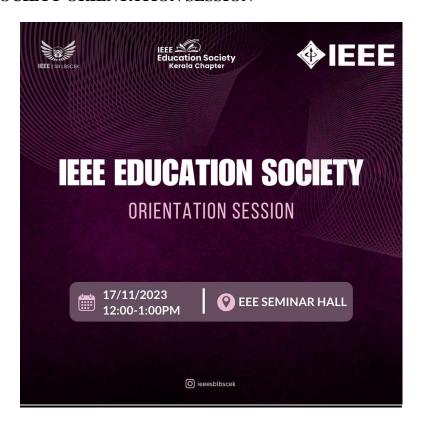
INAUGURATION OF THE IEEE COMPUTER SOCIETY

IEEE COMPUTER SOCIETY was inaugurated by Dr.Gilesh M P Head of the Department of Computer Science, Government Engineering College, Wayanad and Treasurer IEEE Kerala Section, on 09/10/2023 in the SDPK Lab at 11.30 AM onwards. A total of 50 students including IEEE members participated.



The inauguration was followed by a talk on the benefits of IEEE membership and IEEE Computer Society membership by Prof. Gilesh.

EDUCATION SOCIETY ORIENTATION SESSION



The IEEE EduSoc Society Orientation Class was led by Akshay M R, the SB Link Representative as well as the Campus ambassador of IEEE EduSoc Society on 17th November 2023 from 12.30 PM in the Seminar Hall of EEE Department. It was a comprehensive session providing valuable insights into educational initiatives. The speaker adeptly navigated through key society goals, fostering a collaborative atmosphere. Participants gained a clear understanding of EduSoc's mission and opportunities for engagement. The class successfully instilled enthusiasm for educational advancements within the IEEE community, setting a promising tone for future endeavors.

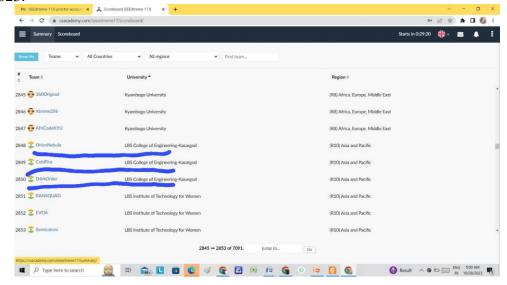


IEEE XTREME 17.0

An orientation was given to students on 18th October 2023 about the IEEEXtreme competition, about its relevance and importance. The types of questions and the coding platform was also introduced to the students. Akshay M.R. coordinated the programme.



Three teams participated in the IEEE global coding competition IEEEXtreme 17.0 held on 28th October 2023.



ALL INDIA COMPUTER SOCIETY STUDENTS CONGRESS 2023

The AICSSC 2023 was held from 20th to 22nd Ginger Hotel, MG Road, Kochi. It was a nice time of networking and interaction with distinguished personalities including Eric Berkowitz, IEEE Computer Society Director and Mohammed Raeidean, R10 Regional Coordinator.



Our students with Eric Berkowitz, IEEE Computer Society Director.



Our students with Mohammed Raeidean, R10 Regional Coordinator.

AWARDS

IEEE MALABAR SUBSECTION AWARDS 2022

Branch Counsellor, Prof. Rensi Sam Mathew got the outstanding Branch Counselor award at the IEEE Malabar Subsection AGM held at Malabar Palace On 22nd January 2023.



Branch Chair, Mr.Sreenivas Pai K. got the outstanding Branch Chair award at the IEEE Malabar Subsection AGM held at Malabar Palace On 22nd January 2023.



HIGH PERFORMING STUDENT BRANCH CHAPTER AWARD

Our IEEE Power and Energy Society Student Branch Chapter was awarded IEEE PES High Performing Branch 2022 ward with \$280.









IEEE PES High Performing Student Branch Chapter program 2022

IEEE Power & Energy Society Student Branch
Chapter LBS College Of Engineering Kasaragod
Awarded with-



We thank everyone who supported us in this journey!



CONGRATUALTIONS

To the IEEE STUDENT BRANCH/CHAPTER of

LBS Coll. of Eng., Kasaragod

for **WINNING BRONZE** in the Student Activities Committee **2023 DARREL CHONG AWARD**

FOR

Connected 2.0





The prestigious IEEE DARREL CHONG Student Activity Award (Bronze) 2023 was bestowed upon the student activity Connected 2.0- an empowering venture led by the Women in Engineering Affinity Group of IEEE SB LBSCEK in collaboration with IEEE Malabar Hub, an initiative by DIGI FEMMINA



PRIZES

1. Aswin E, S5 ECE was selected one of the winners of the event Ink and Ideals -a logo design competition conducted by IEEE Kerala section.



2. Sooraj M , S5 ECE got the second prize in the Caption Writing Competition conducted by IEEE SB CEC Thalassery.



3. Jacob George won the Logo Designing Competition for the ros.h Robotics For Humanity STEM Education project by RAS SBC GECBH.



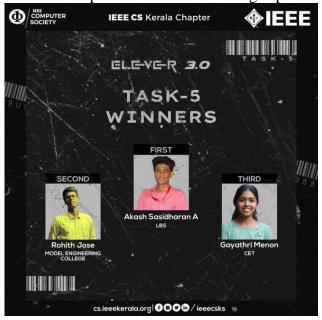
4. Anagha V. won the Idea Pitching Competition conducted by the IEEE SB TKM College of Engineering Kollam, IEEE PES SBC TKMCE.



5. Rithika C. won the third prize for theBest Chapter representative conducted by the IEEE Signal Processing Society Kerala Chapter.



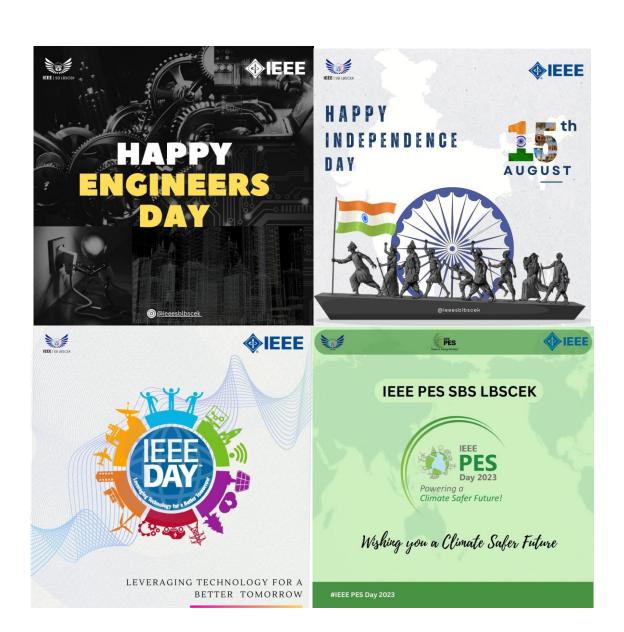
6. Akash Sasidharan won the first prize for Task 5 of its flagship event, Elever 3.0.



POSTERS

The IEEE Execom and different societies brough out posters on various occasions.





HIGHLIGHTS 2022

ANNUAL GENERAL BODY MEETING (AGM) 2022

The Annual General Body Meeting of the IEEE LBSCE Student Branch, WIE Affinity Group and PES and IES Student Branch Chapters was jointly held at 11.30 AM on 5th May 2022 in the College Amphitheatre. Mr. Sreenivas Pai K. SB Chair welcomed the gathering. Ms. Sukanya K. K., IES Chair read the IEEE Code of Ethics. Ms. Celiya Theres, the SB treasurer and WIE Chair read the Annual Report. The Branch Counselor, Mr. Rensi Sam Mathew and IES Student Chapter Advisor, Dr. Mary Reena K.E. addressed the students. The outgoing SB Chair was honored with a Memento on the occasion. IEEE SB Secretary Mr. Varun Vinay thanked the participants.







PRADARSHAN Project Presentation Expo



IEEE SB LBSCEK in collaboration with TERANIS '22 - the Intercollegiate Technical Fest of CSE-IT Department LBSCE Kasaragod, conducted a project expo on June 4th 2022 which was open for all. There were 16 teams who participated in the event, with around 60 people. The event was inaugurated by Dr. Smithamol MB, HOD of CSE-IT Dept. A lot of new and exciting projects were exhibited by students. The first prize was awarded to the project "Grain Dehydrator" by Ali Ismail and team from the Mechanical Engineering Department. They were awarded a cash prize of ₹10,000. Three other best projects were also awarded a token of appreciation. The award was given away by Dr. Praveen Kodoth, Dean Academics, LBS CE. All the technical and volunteering support was provided by IEEE members. Several students and faculty visited the expo and interacted with the participants and

learned about their projects. The Expo helped in the exchange of ideas between the participating teams and visitors. The participants and the viewers gained a lot of value-adding knowledge through this experience.



















LED ASSEMBLING TRAINING HELD AT DISTRICT JAIL

The Department of Electronics & Communication and IEEE Student Branch LBSCEK jointly organised a LED Assembling Training at Hosdurg District Jail, Kasaragod on 25th May, 2022 as a part of helping prison inmates find self-employment through vocational training and developing skills. This was conducted as a part of the Haritha Jail programme of Hosdurg District Jail through which many exemplary activities are carried out for the welfare and development of prison inmates. The event was inaugurated by the Principal of LBS College of Engineering, Dr. Muhammad Shukur.T, and was presided over by the Hosdurg District Jail Superintendent K. Venu. IEEE LBSCEK Branch Counsellor, Rensi Sam Mathew spoke on the benefits of the training session and finding employment opportunities. There were detailed classes as well as hands-on practice provided and about 35 prison inmates participated enthusiastically. The classes and workshops were given by IEEE members, Sreenivas Pai, Mani Kuruvila, and Abhijith P while classes for women inmates were provided by Sukanya P and Celiya Theres. The session mainly involved LED assembling hands-on practice and awareness talks on the benefits of the programme in finding employment as well as towards sustainable development. This programme was conducted by IEEE SB and District Jail authorities as a part of Haritha Jail programmes, through which our SB members were able to fulfil one of the sustainable development goals, "Affordable and Clean Energy" emphasising its future aspects. The authorities and attendees of the events provided a warm atmosphere for the student members and supported them to make the event a success through complete cooperation and participation and also made available food provisions for the guests. A memento was handed over to Mrs.Rema Superintendent of women's jail, Kannur for meritorious service of 24 years on behalf of Kasaragod Jail authorities by Principal Dr. Mohammed Shekoor T.

News Report & Photos



CONNECTED 2.0



A Digital Financial Literacy camp was organized in LBSCEK by the IEEE WIE LBSCEK in accordance with upcoming IEEE Day 2022. The primary goal of members of IEEE WIE was to educate college non- staffs about the usage of online payment service through smartphones like Google pay. It also aimed to familiarize transactions. The Digital Financial Literacy camp began with an inaugural speech from Miss Celiya Theres , chairperson of IEEE WIE

LBSCEK and treasurer of IEEE LBSCEK. Close to 25 people including non-staffs and members of IEEE LBSCEK attended the camp. Event held in the presence of Mr Rensi Sam Mathew, Branch councilor IEEE LBSCEK and Dr. Mary Reena, Branch Advisor of IEEE LBSCEK. The camp taught the basics of online payment through G-pay such as downloading gpay from playstore and invite code, online banking, payment through 'QR' code and Mobile number. The participants were also taught how to connect bank accounts to avoid difficulty to find. These valuable insights help the participants to be more productive. The camp ended with a doubt clearing session. Overall there was an atmosphere of enthusiasm and learning.

WEBINAR on HOW TO EXECUTE YOUR B.TECH PROPJECT

IEEE LBSCEK in collaboration with IEEE SB GECKKD is organizing a free webinar on the topic " How to Execute Your B Tech Project " and thereby alleviate those confused minds. This webinar is aimed for those executing their Btech project. The session will be handled by Abhinav Rajeev (Junior Research Fellow at IIT Palakkad, EMC Empanelled Home Energy Assessor, and IEEE Young Professional) on October 12,2022. The session was a google meet event at 7.00 PM.



Coordinators: Aswin E(LBS CE), Fathima Nasrin(GEC KKD)

STEAM WORKSHOP



IEEE Day encourages members together to share ideas and be inspired to achieve their technological goals. Eu-Reka is an initiative to raise the level of literacy of STEAM through empowering and encouraging the 'Young Generation' as an 'Ambassador of Education'.

On behalf of this programme, IEEE Volunteers (Sreenivas Pai, Sukanya, Abhijith and Rithika) interacted with school students of Durga Higher Secondary Students, Kanhanghad. The workshop is aimed to make youngsters aware of the needs and expectations of the students towards the class of education as well as to work towards educational inclusiveness by reducing the disparity between urban and rural level literacy rates. The event was conducted at DHSS Kanhangad on 12 th october.



WOMEN SAFETY AWARENESS CLASS



Women Safety Awareness Class and Self Defence Training program jointly organized by WIE AG of IEEE LBSCEK and NSS unit 179 and 683 LBSCEK with the support of Kasaragod women police self defence team on 21st October 2022. The event aimed to level up confidence among students and awareness of safety. It was well planned program. NSS volunteers, IEEE members and students of LBSCEK participated in this event. The program begin with the introduction from anchor Rithika. The Kasaragod crime records bureau DYSP Abdul Raham was the chief guest. He inaugurated the programme. The presidential address given by Mr Mohammed Shekoor, Principal of LBSCEK. The Women Safety Awareness Class And Self Defence Training taken by Kerala police self defense team CPO, Ms. Preethi and Ms. Sajitha. Program trainer explained how to self defend in case of danger, attack and emergency. They demonstrated the technique that excited the participants. Dr. Vinod George, Dean of student affairs, NSS program officer Ahmed Kabir, Dr. Mary Reena, Branch advisor of IEEE WIE LBSCEK shares their valuable insight. The self defense training session empower and encourage students to deal with dangerous situations independently. The program concluded by vote of thanks from Miss Celiya Theres, Chairperson of IEEE

WIE LBSCEK and treasurer of IEEE LBSCEK. The session was warmly received by students of LBSCEK. With crime against women rising everyday, these techniques might come in handy for students in future to protect themselves.



STALL AT SHASTROLSAVAM - KASARAGOD REVENUE DISTRICT SCIENCE FAIR







ശാസ്ത്ര പ്രതിഭകൾക്ക് വിജയാശംസകൾ







A stall of IEEE SB LBSCEK was set up at Kasaragod Revenue District Science Fair which consisted of about 10 projects which was meant to encourage young minds to know about engineering field Our SB was asked to lead the stall allotted for LBS College of Engineering Kasaragod. As part of it, we introduced various projects done by our students. Rice Dryer machine, Musical Plant, Home Automation, LEB Bulb assembling etc were few of the highlights. A game was also installed at the venue for the students which showed tremendous participation by students of all ages. The programme gave opportunity to showcase the engineering projects of our students to general public and students. We could show the latest boards like Arduino, ESP32, BBC Micro.bit etc

INDUSTRIAL VISIT - 2022



An INDUSTRIAL VISIT to BHORUKA POWER COPERATION LIMITED Manjandka, Karike 571247, Coorg district Karnataka - Mini hydrel station on Saturday, 05-11-2022.

It was organized by IEEE SB LBSCEK aimed to understand production of electricity, transmission, control system, maintenance, technology works and experience. Forty three IEEE student members and two faculties Mr Rensi Sam Mathew, Branch councilor IEEE LBSCEK and Dr.Mary Reena, Branch Advisor of IEEE LBSCEK. The permission was granted by Mr Maxim, HR Bhoruka Power corporation limited to visit the facility.



All members gathered at LBSCEK in the morning to go to the Karnataka border in college bus. The bus left from college by 8:45 AM.At the border, jeeps were arranged for travel facility. We arrived at hydro power plant by 10:30 AM. After normal security check. all members enter to the plant. We were divided into two teams, each of 22 members and a faculty for guidance. One team move towards plant and another team move towards control section.



Two power plant operators explained the necessary elements in power plant and the mechanism of electricity production. They also explained control system and substation. It was a very informative session as we, the IEEE members were from different branches of engineering. This power plant producing a record of 18 MW in the year 2017-18. The operations are manual type. They are able to produce electricity only for 3 months in year due to lack of water. In summer seasons, the water is collected and power plant works for 2 to 3 hours.





The visit motivated us to know more power production. we could know the problem faced by the hydro power plant. They patiently cleared all the doubts of students. Industrial visit to mini hydrel power plant enriched knowledge, experience and also provide great opportunity to learn practically through interactive session which helps us, the students in our further career growth.



After the visit of hydro power plant we have taken lunch from Bank of river, Panathur. Then we went to Ranipuram Hill Station Kasargod. At 2:30 with all instructions from forest department we started adventures journey through woods and reached at Pulmed hill which is a different experience gives a peace full mind .We returned and arrived LBSCEK at 5:45. Overall the atmosphere of with enthusiasm and learning.

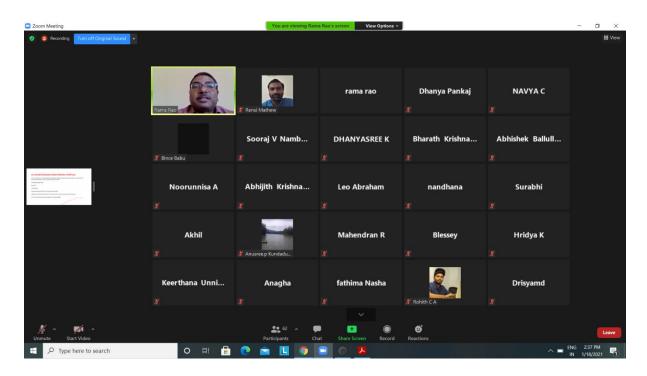
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HIGHLIGHTS 2021

ORIENTATION SESSION OF GEOSCIENCE AND REMOTE SENSING SOCIETY KERALA CHAPTER



A joint orientation of the Geoscience and Remote Sensing (GRSS) Society of IEEE was held on 18th January 2021 in the online mode from 2.30 PM. The session was handled by Dr. Rama Rao, Professor IIST. This program was jointly organized by IEEE SB CET and IEEESB LBSCEK.



HOW TO CHOOSE AND READ A TECHNICAL ARTICLE



IEEE LBS SB LBSCEK organized a talk on how to choose and read a Technical Article on 13th February 2021. Dr. Nithin Murali , RV College of Engineering, Bangalore was the resource person.

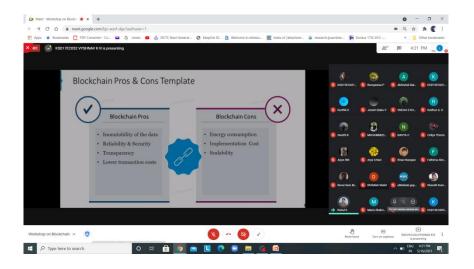
WORKSHOP IN BLOCKCHAIN TECHNOLOGY

A workshop in Blockchain was given by Vyshnav, Karthik,Rahul and Harshith on 16th May 2021 at 4 PM in Google Meet. The workshop was coordinated by Ranjana Janardhanan from the 2nd year ECE department. The welcome speech by Remyasree P from the 2nd year ECE department. The session includes Introduction to Blockchain technology, Blockchain For practical applications, Tools for developing blockchain and Hands on training on testing a blockchain. At last there was a doubt clearance and a feedback session. Finally the vote of Thanks was proposed by Jeswin Babu.

Resource Persons



Final Year Students, LBS College of Engineering, Kasaragod



GATE WEBINAR

IEEE PES SBC and IEEE IES SBC in association with IEDC of LBSCEK conducted an online talk on The Infinite Possibilities of GATE and Job opportunities in Public Sector Units on 29th May 2021 at 7 PM. The resource persons were from Entri App.



ELECTRICAL SYSTEMS AND MECHANICAL COMPONENTS OF A RIG

A webinar was organized by IEEE PES SBC LBSCEK in association with the EEE Department of LBSCEK as part of SAHASRA 3.0. The talk was given by Mr. Mathew Prins Korah Philip, MWD Engineer, R&B Exploration and Production Pvt. Ltd. on 19th June 2021 from 6 PM to 7 PM.



INDUSTRIAL ELECTRONICS SOCIETY INAUGURATION



The inauguration of IES Student Branch Chapter was held on 4th July 2021. The programme began with the Code of Ethics by Mr. Mohammed Azeem Waheed, Chair, IEEE SB LBSCEK. Our Principal, Dr. Mohammed Shekoot T. gave the presidential address. The student branch chapter was inaugurated by Prof. Roberto Oboe, IEEE Fellow, Dept. of Technique and Management of Industry Systems University of Padova & Vice President for Technical Activities. Dr. Bijuna Kunju, Chair IEEE IA/IE/PELS Jt. Chapter Kerala and Prof. Prabin James, Secretary, IEEE IA/IE/PELS Jt. Chapter Kerala addressed the gathering. Ms. Sunaya K.K. welcomed the gathering and Mr. Muhammed Shaheer, Vice Chair, IEEE IES SBC LBSCEK gave the vote of thanks.





LBS COLLEGE OF ENGINEERING KASARAGOD KERALA, INDIA

INAUGURATION OF IES STUDENT BRANCH CHAPTER

July 4, 2021

Dr. Praveen Kod	Sheeba K ∦	Nishanth Augus	Pratheesh M Vi	Azeem Waheed
Jeswin <i>X</i>	 ✗ Celiya Theres	Remyasree P	Ranjana Janard ∦	Akhila T K
Shaheer Shakir	Prabhina X	JIMISHA T K	Veena Surend X	AKSHAYA k
∭ Sarathraj v	Sreehari k		Athira V	T
RADHUN A R	Aswathi P Nair	C H Fathima Al	Muhaviz Ahme	Arjun apps□ ※
∦ SNEHA S KLIMAR	Rahul K	Nandhana C P	Abhishek Bal	Sharanya kri

INTRODUCTION TO ARDUINO

IEEE LBSCEK in association with IEDC LBSCEK organized a hands-on workshop on "Introduction to Arduino" on 11^{th} December 2021 from 9.30 AM to 1.00 PM in the ECE Seminar Hall. Sreenivas Pai , S5 ECE and Abhishek Gopal, S5 CSE were the resource persons.







HIGHLIGHTS 2020

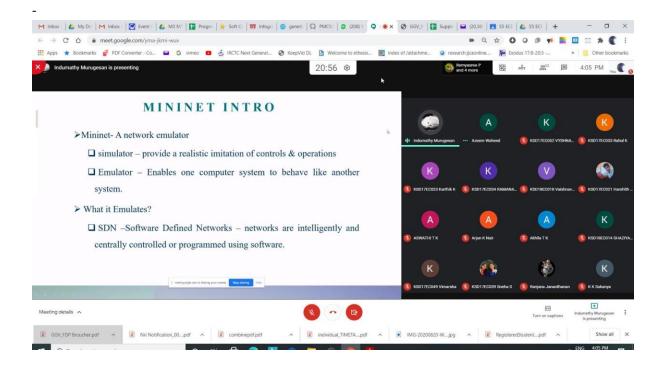
TALK ON SUSTAINABLE DEVELOPMENT GOALS

A talk on UN Sustainable Goals was conducted on ONLINE TECHNICAL PAPER on 7th February, 2020 at the PG Lab of Administrative Block. Professor. Rensi Sam Mathew, Assistant Professor, took the session.



WEBINAR - INTRODUCTION TO MININET

Ms. Indumathi Murugeshan, M.Tech Student of VLSI Design and Signal Processing conducted a webinar on 'Introduction to Mininet - A Virtual Software Defined Network Platform' as part of SPECTRUM TALK on 20th August 2020 at 4.00 PM online in Google Meet.



AWARDS

Our SB Volunteer Ms. Deepna P won the Outstanding Woman in Power Student Volunteer Award instituted by the IEEE PES Kerala Chapter.



2019 HIGHLIGHTS

TECHNICAL PAPER WRITING SESSION

The session was held on 4th March 2019 from 10.00AM to 12.00 PM in the CSE Seminar Hall.The session was handled by Dr. Smithamol M.B, Assistant Professor, LBS CEK. The programme was organised for M.tech students of the college. The students were given training on how to write an effective paper, various types, resources etc.A hands-on session on the same was conducted in the following week.





The Annual General Body Meeting of the IEEE Student Branch was held on 4th March 2019 from 11.30 PM at the ECE Seminar Hall. The Chair of the IEEE Student Branch Ms. Aswathy welcomed the gathering., The SB Branch Counsellor, Dr. Mary Reena K. E. addressed the gathering. The New EXECOM from 2019-2020 was announced in the meeting. The former chairs of the IEEE Student Branch also addressed the gathering. The members were given time to share their experiences and expectations. 30 IEEE Members participated in the AGM.





WISE 3.0



WIE LBSCEK conducted WISE-Women In Social Enrichment at Bovikanam Kudumbashree Unit on March 10th 2019 at 3.00 pm. Around 25 women attended the event. The volunteers of our student branch could provide them with more knowledge in digital literacy. We helped them by teaching how to use phones & laptops. The participants were curious to know more about this and felt very happy after the session. Volunteers taught them how to use Paytm, online shopping and other basic mobile phone settings.



PROJECT EXPO



A project expo was conducted under the auspices of IEEE Student Branch on 19th May 2019. Most of the students who participated were final year students' projects. 11 teams participated. The judges were Dr. Aboobacker Kadengal, Professor, ME Dept, Prof Azeem K, EEE Dept, Prof. Nishanth Augustine, Assistant Professor, ECE Department and Prof. Sarith Divakar, Assistant Professor, CSE Department.











HANDS-ON SESSION IN LATEX DOCUMENT PREPARATION



The hands-on session on Document Preparation in LaTeX was held on 27th March 2019 at the CSE Seminar Hall from 10.00 AM to 12.00 PM. The training was handled by Dr.Deepthi P.S., Assistant Professor, LBS CEK. The session was organised for M.tech students of the college. The students were given training on how to use the software to write an effective paper, various types, resources etc.

POWER AND ENERGY SOCIETY STUDENT BRANCH CHAPTER INAUGURATION

Inauguration of IEEE PES SBC LBSCEK was on 14^{th} November 2019, which was the outcome of hard work and determination of many minds. The PES SBC was inaugurated by Mr. Suhair A K , Chairman, IEEE PES Kerala chapter. The inauguration ceremony was followed by a talk on GIS by Mr. Suhair A K.



