

IES COLLEGE OF ENGINEERING

ANNUAL REPORT- 2020-'21

CONTENTS

1. ACADEMICS
2. CO-CURRICULAR ACTIVITIES OF STUDENTS
3. NBA ACCREDITATION PROCESS
4. NATIONAL CONFERENCE (NCGCE-'21)
5. AWARDS
6. ACTIVITIES AND ACHIEVEMENTS OF DEPARTMENTS
7. IEEE ,IEDC & IIC ACTIVITIES
8. TRAINING & PLACEMENT
9. NSS ACTIVITIES

## I. Academics

1. During lockdown period, departments conducted meetings through online mode to discuss the academic matters, dept activities etc. The PTA meetings were conducted twice for all semesters through online platform - in the month of June 2020 and in October 2020.
2. The videos of the laboratory classes were taken by the lab instructors. Such videos were presented to students in the lab hours through online. Demo/Live laboratory sessions were conducted by the instructors through online mode. Open source soft wares were given to students for hands on practice.
3. University exams for S8 also were conducted through online mode by the college with the same procedure as sessional exam.
4. The procedure is given below:
  - a. Students were splitted into groups
  - b. Each group is assigned with an invigilator.
  - c. Video is made on compulsory for invigilation.
  - d. Two set of question paper is prepared for the exam.
5. Online classes for the academic year 2020-21 were started on 03.08.2020 for higher semesters and for 1<sup>st</sup> year students it was started on 17.11.2020.
6. An Orientation Programme was conducted on 31.10.2020 for first year students through online platform. Dr.Dixon P Thomas, eminent psychologist was the Chief Guest of the programme.
7. All the faculty members have attended various FDPs, Webinar Series and seminars through online mode during this period which were helped them in achieving more depth in subject knowledge.
8. A MoU was signed by Management with Linways Software, Ernakulam on 26.02.2021.This software will be adequate for our academic and non academic needs.
9. The Onam, Teachers' day and Christmas were celebrated through online mode.
10. As per the decision of KTU, the contact classes were started on 04.01.2021 for S7 and ended on 16.01.2021 , for S5 classes started on 18.01.2021 and ended on 10.02.2021, for S3 , classes started on 08.02.2021 and ended on 26.02.2021 and finally S1 students ' classes started from 22.02.2021 and ended by 30.03.2021 after conducting model exam.
11. The first Sessional Tests were conducted through online mode for B.Tech S1 & M.Tech S1 students from January 25-31, 2021.
12. The second sessional test was conducted at college from February 25 to March 3, 2021. Their model exams were conducted from February 23, to 30, 2021.

13. The examinations conducted from March 2021 to September 2021.

Sl No.	Semester	Nature	Starting date	End date	Mode of Exam
1	S5 B Tech (R)	University Examination	01.03.2021	18.03.2021	offline
2	S7 B Tech (R/S)	University Examination	08.03.2021	15.03.2021	offline
3	S3 B Tech (S)	University Examination	17.03.2021	31.03.2021	offline
4	S3 B.Tech (R/2019)	University Examination	15.04.2021	03.08.2021	offline
5	S1B.Tech (R/S 2019)	University Examination	16.07.2021	30.07.2021	offline
6	S1/S2 B.Tech (S2015)	University Examination	16.07.2021	13.08.2021	offline
7	S1M.Tech(R2019)	University Examination	09.07.2021	22.07.2021	offline
8	S6 B.Tech (R/S)	University Examination	10.08.2021	08.09.2021	offline
9	S7B.Tech(S2015)	University Examination	18.08.2021	15.09.2021	offline
10	S8B.Tech(S 2015)	University Examination	10.09.2021	20.09.2021	offline
11	S1B.Tech(R 2019)	Model Examination	22.03.2021	26.03.2021	offline
12	S6 & S8 B.Tech	Sessional Test II	01.06.2021	07.06.2021	online
13	S2,S4 B.Tech & S2M.Tech	Sessional Test I	21.06.2021	30.06.2021	online
14	S8B.Tech(R2015)	University Examination	28.08.2021	07.09.2021	online
15	S1&S3 B.Tech	University Examination	24.05.2021		online
16	T5MBA-other college exam	University Examination	12.07.2021	22.07.2021	Offline
17	S4MCA-other college exam	University Examination	02.08.2021	12.08.2021	offline
18	S8B.Arch-other college exam	University Examination	03.08.2021	18.08.2021	offline

14. The online classes for S8 and S6 were started from 16.03.2021 and 22.3.2021 respectively. The college was closed from 29.04.2021 as the college area which comes under ward no.2 was declared as containment zone.
15. B.Tech semester 1 course registration completed and M.Tech Semester 1 students' internal marks were uploaded in KTU portal on 31.03.2021.
16. B.Tech Semester 3 course registration started on 12.03.2021 and their internal marks were uploaded on 12.03.2021.
17. M.Tech S1 Course Registration completed on 25.03.2021 and internal marks were uploaded on 30.03.2021.
18. B.Tech S8 Course Registration completed on 27.03.2021.
19. An antirragging awareness programme was conducted through online on 12.03.2021 for S3 students as it is mandatory. The resource person was Adv.Muraleedharan from District Legal Services Authority, Thrissur.
20. An anti narcotic awareness programme was conducted on 23.03.2021 for S6 and S8 students. The resource person was Mrs.Sathy K K, Women Civil Excise Officer.
21. The departments conducted meetings through online mode to discuss the academic matters, dept activities etc.

22. A survey on online academics for the faculty members handling course in the higher semesters was conducted by KTU in the month of May 2021.
23. The videos of the laboratory classes were taken by the lab instructors. Such videos were presented to students in the lab hours through online. Demo/Live laboratory sessions were conducted by the instructors through online mode. Open source soft wares were given to students for hands on practice.
24. All the academic activities of the college were suspended by KTU from 13.05.2021 to 19.05.2021 and it resumed from Online 20.05.2021.
25. The MoU with Linways Software, Ernakulam has been renewed with additions as per requirement of academic and office needs.
26. An online farewell party was conducted for S8 students ( 2021 passed out batch ) on 17.07.2021 by CE,EEE & ME departments.
27. **Resigned Staff:** Ms.Swetha C R and Ms.Akhila Venugopal of CE department, Mr.Sarathchandran V C, System Administrator, Ms.Diya Dayal of EEE department,Ms.Jayanthi K R of S & H department and Ms.Shyji Seby ,DTP resigned from the institution. Ms.Jitha M R, Ms. Ashly Joseph and Ms.Gayathri, Assistant Professors in CE department, Mr.Ebin PM ,Assistant Professor in CSE department, Mr.Pranav M S, Assistant Professor in EEE dept, Mr.Anas P A, Assttnt Professor in ME department, Ms.Varsha, Lab Instructor in CE department, Ms.Ashly George,Lab Instructor in ECE department and Ms.Aswathy E R, Lab instructor EEE department resigned from the institution.
28. **Newly joined Staff :** Ms.Gayathri,Ms.Jitha and Ms.Angela C Joy joined in CE department. Ms.V Jency Babu,Ms.Safna and Ms.Mithu Vaghese in CSE Department, Ms,Farzana in EEE department and Ms.Vidhya S,Asst to AO and Ms.Sanitha ,Office Asst joined in our institution. Mr.Sarunkumar joined in EEE department as Assistant Professor on 03.05.2021.
29. The PTMA Executive members' meeting was conducted on 16.03.2021. Mr.Salim P S PTMA Secretary, Mr. Shajan T A and Mr.Rajendran V R, members of PTMA attended along with Principal, HoDs and PTMA Coordinators.
30. Onam was celebrated on 19.08.2021 through online in department wise. Various competitions were conducted and prizes were distributed to winners.
31. PTA meetings conducted on the following months through online mode except for the month of February 2021.

Batch	Date
2020	February, August & September
2019	August & September
2018	May & August
2017	February & May

32. The PTMA Executive members' meeting was conducted on 16.03.2021. Mr.Salim P S PTMA Secretary, Mr. Shajan T A and Mr.Rajendran V R,

members of PTMA attended along with Principal, HoDs and PTMA Coordinators.

The University exams schedule of the current semester is given below.

Semester	Started /Starting Date	Ended/Ending date
S7	17.02.2021	15.03.2021
S5	01.03.2021	18.03.2021
S3	15.04.2021	28.04.2021
S1	19.04.2021	30.04.2021

### University results

#### **B.Tech S 8- 2016 Batch**

Branch	Total no. of students appeared	No.of students passed	Pass %
CE	29	29	100
CSE	19	18	94.73
ECE	16	14	87.50
EEE	23	14	60.86
ME	32	30	93.75
	119	105	<b>88.23 %</b>

#### **B.Tech S6-2017 Batch**

Branch	Total no. of students appeared	No.of students passed	Pass %
CE	45	35	77.78
CSE	39	33	84.62
ECE	14	10	71.43
EEE	11	4	36.36
ME	42	27	64.29
	151	109	<b>72.19 %</b>

### B.Tech S4 (2018 Batch)

Branch	Total no. of students appeared	No.of students passed	Pass %
CE	42	26	61.90
CSE	41	30	73.20
ECE	26	19	73.07
EEE	24	20	83.33
ME	24	11	45.83
	157	106	<b>67.51 %</b>

### RESULT ANALYSIS OF B.TECH S2 ( KTU )

B.Tech S2 2019 Batch	Branch	Total no. of students appeared	No.of students passed	Pass %
	CE	52	45	87
	SE	49	37	75.5
	ECE	32	30	93.75
	EEE	31	26	83.87
	ME	40	31	77.5
Total		204	169	169/204 <b>82.84 %</b>

### RESULT ANALYSIS OF B.TECH S8 ( KTU )

B.Tech S8 2017Batch	Branch	Total no. of students appeared	No.of students passed	Pass %
	CE	48	42	87.50
	CSE	39	37	94.87
	ECE	14	12	85.71
	EEE	15	10	66.66
	ME	46	35	76.08
Total		162	136	136/162 = <b>81.48</b>

## II. Co-Curricular Activities ( Students )

1. . Ms. Sahina V.M of S4 CE received certificate for attending 7-days online internship in AUTO-CAD CIVIL organized by Goldmine Global Delivery Services.
2. All students had participated orientation programme on overseas education webinar by Santa-monica study abroad pvt.ltd
3. S4 students had participated mega monsoon internship fair launched by Internshala on 14.07.2021.CE.
4. S8 students had attended a webinar on how to explore job and migration opportunities on 24.07.2021.
5. Farewell party of final year students were conducted via google meet on 17.07.2021.CE
6. All students participated V-GUARD- Big tech design idea 2021 contest for engineering and design students on 03.09.2021.
7. All students had participated orientation programme on overseas education webinar by Santa-Monica study abroad pvt.ltd on 11.09.2021.
8. All students participated webinar on career opportunities in electric vehicles industry by ASAP Kerala in association with automotive research association of India on 20.09.2021.
9. Mr. Novin Davis, Mr. Adhithyan MR, Mr. Affin Joshy and Ms. Poojitha PR of S4 Mechanical has attended a webinar on the topic Shaping Young Minds Programme conducted by All India Management Association in collaborations with its local Management Associations . Mr. Sunil Kant Munjal, Chairman, Hero Enterprise & Past President AIMA, Mr. Piyush Pandey, Chief Creative Officer Worldwide and Executive Chairman India, Ogilvy and Mr. TV Mohandas Pai - Chairman Manipal Global Education Services Private limited and Past President AIMA were the speakers of the session on 25.08.2021.
10. Mr. Midhun VM of S4 Mechanical participated in RASHTRAGAAN an initiative by the ministry of culture to mark Azadi ka amrit Mahotsav on 15.08.2021.
11. Mr. Novin Davis, Mr. Adhithyan MR, Mr. Affin Joshy and Ms. Poojitha PR of S4 Mechanical attended a webinar on the topic Shaping Young Minds Programme conducted by All India Management Association in collaborations with its local Management Associations . Mr. Sunil Kant Munjal, Chairman, Hero Enterprise & Past President AIMA, Mr. Piyush Pandey, Chief Creative Officer Worldwide and Executive Chairman India, Ogilvy and Mr. TV Mohandas Pai - Chairman Manipal Global Education Services Private limited and Past President AIMA were the speakers of the session.
12. Mr. Fasalu Rahiman of S6 Mechanical has participated in the event organized by IEEE SB GECT in association with Infusor on 04.09.2021.

13. Students of S4 and S6 Mechanical attended 15 days 3D printing online internship in association with Green Orbis Consultancy Pvt Ltd on 09.09.2021.
14. Mr. Amal Krishna of S4 Mechanical has successfully completed an online non credit course "Philosophy and Sciences: Introduction to philosophy of physical sciences authorized by The University of Edinburgh and offered through courseera on 22.09.2021.
15. Mr. Midhun VM of S4 Mechanical has successfully completed 7 day Frontend with react & Deployment bootcamp with ShapeAI 23.09.2021.
16. Jovial Joe Jayarson from S8 CS contributed code to I repository used in the Mars 2020 Helicopter Mission in the month of April.
17. Rohit G Nair from S8 CSE got 94% in CAT exam for MBA.
18. All S2 CS students participated a webinar on Introduction to data science with hands on programming in python organized by CSE department in association with CSI IES student Chapter on 19.06.2021.
19. Two weeks placement Training Program conducted for final year and pre final year students organized by Rubicon Skill development Pvt Ltd from 09.06.2021 to 20.06.2021.
20. S6 CSE students completed Google ACE Program on 12.07.2021.
21. Angel Babu (2020 batch),ECE dept won third prize in quiz competition organized by IETE Students Forum and KMEA Engineering College.
22. Ashly George (2019 batch - M.Tech VLSI Design) published a paper entitled "Performance Analysis of Montgomery Modular Multiplier using Karatsuba Algorithm" in IJIREEICE, Volume 9, Issue 4, April 2021.
23. Conducted a webinar on "How to be a good entrepreneur" on google meet. The resource person was Mr. Nithin Vasanth, CEO Neuro Tech LABS. The session was very useful for students and was an inspiring one on 13.06.2021.
24. Himlal Bentom M P of S2 ECE won second prize in inter-department short video making competition on the topic - Crush the Curve.
25. Mr. Nibin Williams of S4 Mechanical has successfully participated in Dekho ApnaDesh Webinar Episodes 84, 85 and 86Tangible and Intangible Cultural Heritage of Jammu and Kashmir" , organized by Ministry of Tourism and MyGov Congratulate on 10.04.2021,17.04.2021 and 24.04.2021 respectively.
26. Mr. Nibin Williams of S4 Mechanical has successfully participated in the webinar on "Industrial Automation - SIEMENS TIA PORTAL" organized by IEDC of Vijnan Institute of Science and Technology in association with Kerala Startup Mission on 17.04.2021.



27. Mr. Nibin Williams of S4 Mechanical has successfully completed “National Level Online Quiz on Engineering Workshop” organized by Bharat Institute of Engineering and Technology, Hyderabad, Telangana.
28. Mr. Abhijith K M ,S4 ME ,Mr. Abhishek KR of S6 ME,Mr.Sahal P and Mr.Philsher Philip from S8 ME has successfully completed seven days online internship in AUTO-CAD MECHANICAL at GOLDMINE Global delivery services, Kannur from 11.04.2021 to 17.04.2021.
29. . Mr. Vishnu Sathyan , Mr. Philsher Philip, Mr. JishnuRajan, Mr. Vishnu P, Mr. AnandhuJayaprakash and Mr. Paul Ben of S8 Mechanical has participated in the Webinar on the topic “ Talk on Standards” organized by IEEE in association with EEE department, IES College of Engineering, Chittilappilly, Thrissur on 21.04.2021.
30. Mr. Nibin Williams of S4 Mechanical successfully completed online course with certificate for AUTOCAD Quiz organized by Itronic solutions on 01.05.2021.
31. Mr. Midhun VM of S4 Mechanical has attended the industrial online workshop series, LeaP on the following topics Biology and Machine Learning, Un Manned areal vehicles, Cybersecurity, Game Development, Computer Vision conducted by IEDC of Christ College of Engineering, Irinjalakuda from 04.05.2021 to 08.05.2021.
32. Mr. Abhinand KM. Mr. Rahul M, of S2 Mechanical has successfully participated in Webinar Building Information and Modeling organized by IEEE and Department of Electrical and Electronics Engineering, IES College of Engineering Chittilappilly, Thrissur on 22.05.2021.
33. Mr. Fasalurahiman of S6 Mechanical has participated in the National Event - “ Electric and Future Mobility” in collaboration with PRAVAIG, KSEB and KERALA VOLVO, organized by BERIKE INNOVATIONS as part of TASHAK ONLINE, National Level Technical Fest of Mar Athenasius College of Engineering, Kothamangalam on 22.05.2021.
34. Mr. Vidhul JP and Mr.Sumith KS of S2 Mechanical has participated in the National Event - “ Electric and Future Mobility” in collaboration with PRAVAIG, KSEB and KERALA VOLVO, organized by BERIKE INNOVATIONS as part of TASHAK ONLINE, National Level Technical Fest of Mar Athenasius College of Engineering, Kothamangalam on 22.05.2021.
35. Mr. Vishnu VP of S2 Mechanical has attended the state level webinar “Lets Lock them” conducted in association with APJAKTU NSS Cell hosted

by NSS units 168 and 263 of Government Engineering College, Wayanad on 24.05.2021.

36. Mr. Abdulla Sufail of S6 Mechanical has successfully completed 44 minutes of Roboauthor : Content writing Automation 2021 Part 1 online course organized by Udemy on 25.05.2021.
37. Mr. Sreyas Krishna of S2 Mechanical has successfully participated in Online LUDO competition in association with virtual tech fest Tecxeon 2021 organized by M.Dasan Institute of Technology, Kozhikode on 25.05.2021.
38. Mr. Abdulla Sufail of S6 Mechanical has successfully completed 2 hours of Complete Introduction to Cybersecurity 2021 online course organized by Udemy on 26.05.2021.
39. Mr. Abdulla Sufail of S6 Mechanical has successfully completed 3 hours of MBA in Creative arts, Design and Animation: Level 2 - Part 1 online course organized by Udemy on 26.05.2021.
40. Mr. Joseph Jose of S4 Mechanical completed 2 hours Udemy Online course on the topic Basics of Industrial Hygiene on 05.06.2021.
41. Mr. Midhun VM of S4 Mechanical has successfully participated in Webinar Genesis & Residing of an Entrepreneur by IEDC, Mohandas College of Engineering and Technology in association with Institution's Innovation Council and Kerala Startup Mission on 06.06.2021.
42. Mr. HrithikMaroky, Vishnu VPand Rahul M of S2 Mechanical has successfully participated in Webinar How to be a good Entrepreneur by IEEE& IEDC, IES College of Engineering Chittilappilly, Thrissur on 13.06.2021.
43. Mr. Alfin Joshy and Abhinand KM of S4 Mechanical has successfully participated in Webinar How to be a good Entrepreneur by IEEE & IEDC, IES College of Engineering Chittilappilly, Thrissur on 13.06.2021.
44. Mr. FasalURahiman of S6 Mechanical have participated in 3S Modelling Workshop by IEDC CET as part of ENovus 21 on 12.06.2021 &13.06.2021.
45. Students of S2, S4, S6 and S8 Mechanical attended webinar on the topic Career opportunities in marine, oil and Gas sector by Mr. FaizalFarook, Director, Accurant Engineers, Ivion Industrial Academy, organized by Department of Mechanical Engineering, IES College of Engineering Chittilappilly, Thrissur on 19.06.2021.
46. Mr. Midhun VM of S4 Mechanical has successfully completed 7 day Javascript & Backend with Node JS bootcamp with ShapeAI in collaboration with Developer Student clubs on 07.07.2021.

47. Mr. Midhun VM of S4 Mechanical has successfully completed 7 day Javascript & Backend with Node JS bootcamp with ShapeAI in collaboration with CDC Ranchi on 13.07.2021.

48. Mr. Novin Davis, Mr. Adhithyan MR, Mr. Affin Joshyand Ms. Poojitha PR of S4 Mechanical has attended a webinar on the topic Shaping Young Minds Programme conducted by All India Management Association in collaborations with its local Management Associations on 25.08.2021. Mr. Sunil Kant Munjal, Chairman, Hero Enterprise & Past President AIMA, Mr. Piyush Pandey, Chief Creative Officer Worldwide and Executive Chairman India, Ogilvy and Mr. TV Mohandas Pai - Chairman Manipal Global Education Services Private limited and Past President AIMA were the speakers of the session.

### **III. NBA Accreditation Process**

The college has been registered in NBA portal on 04.03.2021. In the month of March, all faculty and staff members worked on holidays also to complete the NBA work. All staff meetings were conducted every month from February to April 2021 to assess the work of NBA. The consultancy visited the campus on 24.03.2021. The NBA prequalifier uploaded in the NBA portal on 16.04.2021. NBA CRITERION uploading started from 26.04.2021. The SAR submission was done on 16.06.2021 and now college is waiting for NBA peer team visit dates.

### **IV. National Conference (NCGCE-'21)**

National conference on innovations and challenges in geotechnical Engineering and computer science (VLSI) was conducted on June 2<sup>nd</sup> 2021 which aims to provide platforms for students, research scholar, academicians to come together and share ideas and experiences in the field of Civil Engineering, Computer science Engineering, Electrical and electronics Engineering Electronics Engineering, Mechanical Engineering. Our students (B.Tech and M.Tech) and the students from other states also presented their papers and published journals. Jovial Joe (CSE Btech), Mohammed Hadi, Abhilash Xavier (ME Btech), Anina P (CE Mtech) got Best paper award.

### **V. Awards**

1. Principal achieved **"THE 2020 Global Choice Award "** (Xel Research media) "for Best Emerging Principal in the Education Sector of the year 2020-21.
2. Principal achieved award for **Young Principals of the year 2020** (National Education Brilliance Awards).

3. College won the **Best Emerging Private Engineering College** of the year (Kerala) - National Education Brilliance Awards.
4. College won the **Bharath Shiksha Ratan Award** with Medal-Education Excellence Award (Promoting Achievements Foundation) which was awarded in the month of February 2021 to Mr.Mohammed Ali.K P, President IES.
5. A Certificate of Appreciation was awarded by AICTE to IESCE as college has signed the "Not Zero-Net Zero" pledge to become Carbon Neutral Educational Institute.
6. List of faculty members doing Ph.D

Sl.No	Name of Faculty	Department	University
1	Ms.Anju E M	CE	Karpagam University
2	Ms P.A Shemitha	CSE	Noorul Isla m Centre for Higher Education
3	Mr.Ebin P M	CSE	Hindustan Institute of Technology and Science,Chennai.
4	Ms.Jency V Babu	CSE	Noorul Isla m Centre for Higher Education
5	Ms.Rachana M K	ECE	Vel Tech University,Chennai
6	Ms.Sindhu T V	ECE	Vel Tech University,Chennai
7	Ms.Linu Babu	ECE	Vel Tech University,Chennai
8	Mr.Sarvan P P	ME	Noorul Isla m Centre for Higher Education
9	Ms.Padmapriya.V.K	Mathematics	Bharathiyar University
10	Ms.Ameera.R.A	Economics	Avinashilingam Uniersity
11	Ms.Dhanya.K	Physics	Avinashilingam Uniersity

## **VI. Activities and Achievements of departments**

### **Civil Engineering**

1. Ms.Anju E M,AP in CE department is nominated as the co ordinator for Jal Jeevan Mission programme under KRWSA which is a Kerala Government project.
2. “The Mahatma Gandhi National Rural Employment Guarantee Scheme” of Puzhakkal Block Panchayath coordinated by faculty SWETHA C R which is a Central Govt.Project.
3. IGS – AISAT Award 2020 (Indian Geotechnical Society- Kochi Chapter) in association with Albertian Institute of Science & Technology, Ernakulam for the best thesis in Geotechnical Engineering in Kerala, was awarded to Vyshna Sushil T M, M.Tech 2020 pass out student for her exceptional work on “Settlement monitoring of soil under pile using sensor based magnetic extensometer”.
4. M.Tech final year students Created YouTube link on “Learning Made Interesting and Easy” Record classes for KTU UG students.
5. A webinar on introduction to CAD & Advancement in the BIM industry was conducted for B.Tech S5,S7 and M.Tech S1,S3 students on 20.01.2021.The session was conducted by Mr.Midhun Das, BIM Consultant,UAE.
6. Ms. Glynez, Ms. Anjali, Ms. Steffy, Ms. Oshin, Mr. Seemon had participated in the KTU sponsored 3 days online FDP on “Sustainable Building Materials And Building Practices” organized by the Dept. of civil engineering MBITS in the month of April 2021.
7. All faculties and students participated in the webinar organized by IESCE on the topic “National Education Policy” in association with IIC.
8. All faculties attended NPTEL awareness online workshop in association with arts, science and commerce college Mannad Mahrastra on 05.08.2021

### **Computer Science & Engineering**

1. Department of CSE has developed a Web Application for Online Biweekly Attendance Management System exclusively for the college use.
2. Computer Society of India (CSI) has recognized IES College of engineering as their “Educational Institution Member” (STUDENT CHAPTER).
3. IES College of Engineering successfully registered Institutional COURSERA
4. Dept of CE, CSE & ECE, together conducted a National Conference on Innovations & Challenges in Geotechnical Engineering, Computer

- science and VLSI on 01.08.2020. Dr.Yamuna K Moorthy Faculty, Dept. of Technical Education was the chair person for the same. M.Tech final year students and B.Tech students of ECE & EEE presented their papers.Total paper count: 87 (Out of Which 27 Are External papers).
5. Department of CSE published a IEEE paper “An Approach Using Transfer Learning to Disclose Diabetic Retionpathy in Ealy Stage”.
  6. Mr.Ebin P M ,AP in CSE Department published a Book chapter “Knowledge Transfer through transfer learning-A machine learning approach for image classification “on 25.02.2021 for which IOR International Press appreciated him.
  7. Mr.Nikhil M Murali, Lab Instructor, CSE department presented a webinar “An insight into the “Professional world” organized by IEEE,Science Club, IEDC, ICC & NSS cell .
  8. Mr.Jovial Joe Jayarson of S7 CSE secured first rank in MCQ and 3<sup>rd</sup> rank in programming for the Mahindra PRIDE-KTU PRE ASSESSMENT test conducted for KTU colleges in February 2021.
  9. A workshop was organized by MSME (Micro Small & Medium Enterprise Development institute), Ministry of MSME, Govt .Of India ,Thrissur in association with our institution on 18<sup>th</sup> &19<sup>th</sup> February 2021 at our campus.The topic was “Industrial Motivation Campaign for Youth”. The key note address was done by Shri G S Prakash,Joint Director,MSME-DI Thrissur.The technical session was handled by Sri.Ramachandran V R and Dr.(Prof)Regunath Parakkal.
  10. Dr.G Kiruthiga ,HoD CSE published a paper titled as “ Design And Analysis on Medical Image Classification For Dengue Detection Using Artificial Neural Network Classifier” in ICTACT Journal on Image and Video Processing on 25.03.2021.
  11. Ms.Aiswarya Mohan published a IEEE paper “Quadtree Compression based Method for High Capacity Reversible Data Hiding in Encrypted JPEG Image” on 25.03.2021.
  12. CSE Department attained Educational Institutional Membership- CSI Students Branch. Membership Number-M10778.Valid till 30th April 2022.
  13. Department Conducted a webinar on “How to be a good entrepreneur” on google meet. The resource person was Mr. Nithin Vasanth, CEO Neuro Tech LABS. The session was very useful for students and was an inspiring one on 13.06.2021.
  14. HoD CSE received a patent titled as “An artificial intelligence enabled cryptography based financial analytical tool” in the field of physics on 13.08.2021.

15. HoD CSE received KTU guideship for the guidance of Ph.D candidates

### ASAP COURSES

1. All students of (2016-2020) batch students registered for **RPA (ROBOTIC PROCESS AUTOMATION)** and all completed the same successfully.
2. 27 students registered for **ACE (Google Cloud Certified - Associate Cloud Engineer)** program and all 27 has completed successfully.
3. This is the second time we are completing (100%, completion rate) the ASAP courses successfully, only very few colleges (only 3 colleges have completed these courses) used to complete the ASAP courses. This is a great PRIDE to the institution.

### Electronics & Communication Engineering

1. Ajmal C R,S4 ECE student received MP's educare young scientist award for the development of "**easy idiyappam maker**" and "**automatic bio flock monitoring system**" from Hon. Member of parliament, Shri. T N Prathapan. This event was accompanied by the official product launch of "ACR Technologies".He also won third prize for online Quiz -TelecoWiz Winners organized by Govt Model Engineering College Kochi. He received First prize for online Quiz -Techno Spark 2020 organized by IETE Students forum.
2. Ajmal C R, Afshad K.A, and Benjamin Paul Ajmal M.Y of ECE students Won "**People Choice Award** " in National Level Nasa Space App Challenge held at Goa. They were honoured by Ms.Remya Haridas, MP Alathur in a programme called "**ADARANEEYAM**" conducted at IESCE on 16.01.2021 in association with Rajiv Gandhi Study Centre, Thrissur. Mr.Anil Akkara , MLA was present in the function.
3. S8 ECE students Received **Best paper award** in e-Conference on Advancements in Science and Technology (E-CAST 2020) for presenting the paper titled as "Robotic Fueling System, Organized by PSNA College of Engineering and Technology, Dindigul.
4. S3M.Tech received **Best paper award** in National Conference on Innovations & Challenges in Geotechnical Engineering, Computer science and VLSI (NCGCE'20) for presenting the paper titled as" Implementation of An XOR Based 32-Bit Carry Select Adder For Area, Delay And Power Minimization " organized by IES.

5. Ajmal C R of S5ECE was appreciated as student innovator in IEDC Zonal meet up “INSPIRE 2020” held in Sahrudaya College of Engineering as he developed an innovation “IOT Based Bio flock monitoring and control”
6. Ajmal C R of S5 ECE student was awarded the best IETE student member for his exemplary operations as member on 05.02.2021.
7. Jinto T J of S5 ECE won consolation prize for Solo light music and M.J Devikrishna, of S1 won prize for extempore speech in IETE’s students day.
8. A talking Automatic Sanitizer called “HABLOSAN” was launched in the campus due to the effort of Ashin P M,Shinas Sha V S & Brijesh K babu of S3 ECE under the guidance of Mr.Ajeesh S, AP in ECE Department which was inaugurated by Mr.Mohammed Ali K P, President,IES on 23.02.2021.
9. An online quiz programme called “ELECTROSPARK’21” was conducted from 20.02.2021 to 25.02.2021 through online platform.
10. Mr.Ajmal C R is awarded with a certificate for participating in Navakeralam, Yuvakeralam student Meet, interaction with Hon’ble Chief Minister of Kerala at CUSAT on 01.02.2021.
11. IES College of Engineering was bestowed with the **Best Emerging Private College of the Year on 20.04.2021** which included the following attainments from the department of ECE.
  - a) Young Scientist Award – Ajmal C R
  - b) People Choice winners of NASA Space App Challenge: Afshad K A, Ajmal C R, Ajmal M Y & Benjamin Paul P
  - c) Best IETE Student Award - Ajmal C R
  - d) HABLOSAN: Auto-speaking sanitizer - Ajmal M Y, Ashin P M, Benjamin Paul P, Brijesh K Babu & Shinassha V’.
12. Ashly George of M.Tech ECE achieved O grade in all subjects for S2M.Tech University examinations.
13. Ms.Lubna Kareem,AP attended an online Faculty Development Programme (FDP) on “5G Technologies & IoT” sponsored by TEQIP Four Fund,conducted by ECE department from 15.03.2021 to 19.03.2021.



14. Ms.Sindhu T V and Mr.Ajeesh S together published a paper entitled "Performance Analysis of Montgomery Modular Multiplier using Karatsuba Algorithm" in IJIREEICE, Volume 9, Issue 4, April 2021.
15. A webinar by IETE students forum of IESCE-All faculties from the department attended the webinar on "Accelerating Digital Transformation in Challenging Times" organized by IETE Kochi Centre and IETE Student Forum of IES College of Engineering. The event was hosted by IES College of Engineering and coordinated by Ms. Sindhu T V, Staff in-charge, ISF Unit, IESCE on 17.05.2021.
16. Ms. Rachana M K has presented a paper entitled "A Brief Overview of Error Detection Circuit for Nano Communication Network using Majority Gates" in the International Conference - ITDECC-21 organized by SRM Institute of Science and Technology on 17.05.2021.
17. Department released- a video based on the prevailing COVID situation in our society. The video - "EE KAALAVUM KADANNU POKUM" gives a new ray of hope on 25.05.2021.
18. Conducted an 5 days online FDP on "Innovation Incubation & Research Challenges in INDIA" organized by Department of ECE in association with IIC , IETE and IEDC.This was conducted in Zoom platform. All sessions were really informative and helpful for the faculties wishing to undergo researches from 21.06.2021 to 25.06.2021.
19. Ms. Rachana M K Published paper entitled "Design of 64 Bit Arithmetic Logic Unit using Quantum-Dot Cellular Automata" in IJSRD(Volume 9, Issue 4,June 2021)
20. All faculty members attended a 5 days FDP on "Innovation Incubation & Research Challenges in INDIA" organized by Department of ECE in association with IIC , IETE and IEDC.
21. The college has been granted certificate for establishment of IETE (The Institution of Electronics and Communication Engineers) Student's forum under the aegis of ECE department. Ms.Sindhu T V,AP in the dept is the in charge for the same.

### **Electrical & Electronics Engineering**

1. Sanal(S8), Reshma(S6), Fazil(S4) received class topper prizes in a function held at CADD centre, Thrissur
2. E-cycle was presented to public and conversion of old cycle to e-cycle demo was done and gained minister's appreciation. Mr. John C, Mr. Vidhun M & Mr. John J attended the minister's function. Electric cycle delivered to Swami in the presence of Hon Minister. Shri V S SUNIL KUMAR & Electric Bike project done.
3. Robolaunch was done at Medical college, Mulankunnathkavu. The program was inaugurated by T.N.Prathapan, MLA. The robonurse was made

by students of S 4 EEE (Abijith A G, Akhil Johny, Arjun N, Belgin Benny, Fazil K V, Mohd Althaf, Mohd Iqbal & Sreejesh Ravindran) and was donated to Medical College, Thrissur. Students of S4 EEE made a short film regarding their robo nurse.

4. Mr. Aneesh.S, AP EEE has successfully completed the international level online quiz on “Power Generation Technology” conducted by department of Mechanical engineering, OP JINDAL UNIVERSITY with a score of 93%.
5. Sandra.N.S, Jesmiya of S3 EEE has successfully completed the international level online quiz on “Power Generation Technology” conducted by department of mechanical engineering, OP JINDAL UNIVERSITY with a score of 93%.
6. Mr. Aneesh.S, AP EEE has successfully registered and got membership in all India council for technical skill development.
7. Dr. John Chembukkavu, HoD EEE was awarded the certificate of “Our Neighbourhood hero” by HDFC Bank.
8. Mr. John J Thanikkal, IEEE Branch Counsellor received appreciation from IEEE Kerala Section for the sincere and dedicated work.
9. Mr. Pranav M S, AP EEE achieved a certificate called – SIX SIGMA - YELLOW BELT which is an international organization for quality improvement.
10. The electric car project was started on 18.01.2021 by S3 students of EEE under the guidance of Assistant Professors, Mr. John J Thanikkal, Mr. Vidhun M and Mr. Pranav M S.
11. An automatic waste basket project was done on 30.1.2021 by Mr. Harikrishnan, S1 student under the guidance of Dr. John Chembukkavu, HoD EEE.
12. EEE department conducted a webinar in association with MC Technologies, Thrissur on different 5 topics. The resource persons were Ms. Karthika Ramachandran & Ms. Devika K R.
13. Dr. John Chembukkavu and Mr. Vidhun M applied for Spices AICTE Scheme on 31.03.2021.
14. IESCE Women Cell “Jwala” celebrated Women’s day on March 8, by conducting an online quiz competition.
15. Mr. Aneesh S applied for patent on lithium ion battery range and SoC prediction for electric vehicle on 27.03.2021.
16. Ms. Farsana Rasheed C, Mr. John Thanikkal & Mr. Vidhun M had published paper on “MANET with trust based secure AOMDV.
17. Dr. John Chembukkavu and Mr. Aneesh S had published paper on “Solar powered PWM controlled- controller based electric hybrid vehicle” on 08.05.2021.
18. Ms. Anitha Mathew had published paper on “ Grid connected photovoltaic system with current controlled harmonic compensation” on 11.05.2021.

19. Dr. John Chembukkavu had completed diploma course on "Step into RPA" on 16.05.2021.
20. Mr. Aneesh S organized training on "Android Studio" in association with Department of EEE, IESCE on 20.05.2021.
21. Mr. John Thanikkal had published paper on "MANET with trust based secure AOMDV" on 22.05.2021.
22. EEE dept organized a free webinar on Electrical Supervisor License on 05.06.2021. The webinar session introduced "Job opportunities of Electrical Engineers." The resource person was Mr. Akhileshkumar C, A grade Licensed holder of Kerala State electricity licensing board Senior Engineer from FIFA World Cup 2022 Qatar main Stadium & Infra Development.
23. Ms. Neenu V and Ms. Farsana Rasheed C had published paper on "IOT based agribot for irrigation and farm monitoring" on 02.06.2021.

### **Mechanical Engineering**

1. **Introduction to MVD to public** -Mechanical dept in association with our NSS unit 186 have organized a webinar on introduction to modernization in motor vehicle dept to public by Mr. Vinod, Thrissur- Motor Vehicle Inspector .He explained about the process and services in Motor Vehicle Dept (MVD) and provided a detailed insight about the Department .He made us clear about all the online process to make our life easier through the involvement of digital media in MVD interaction.
2. National Level Conference NCGDE-20 in Mechanical Department - Chaired by Joshy P J (CUSAT), Coordinated by Mr. P P Sarvan, Mr. Shillin K S & Mr. Don P Jose, Asst Professors in the department.
3. Webinar organized - Emergence and role of IR 5.0 in post Covid World - Mr. Rinto K Anto, AP ME
4. "A portfolio management using stocks" - Research paper presented by Mr. Thameem Muhammed R S
5. Mr. Thameem Muhammed R S has become a member of IAENG (International Association for Engineers)
6. Mr. P P sarvan, HoD ME achieved a certificate called - SIX SIGMA - YELLOW BELT which is an international organization for quality improvement.
7. Mr. P P Sarvan, HoD ME received award for Best Paper presentation in the National Conference conducted by IESCE.
8. Mr. Raveendran, Lab Instructor of ME dept created calibration and measuring gauge in the production lab of the dept which was inaugurated by Mr. Mohammed Ali, President, IES.
9. Anwin Joseph Leo student of S1 ME won second prize in district arm wrestling championship conducted by District Sports Council, Thrissur.

10. ME department organized a live webinar in association with CADD International by Dubai Corporate trainer, Mr. Nijesh Nandan on 22.01.2021. The topic was "Know the Mechanical World and bridge the gap." The second online webinar was conducted on 03.02.2021 on the topic "MEP Design". Mr. Nijesh Nandan and Mr. Aswin N were the resource persons.
11. Mr. Anwin, student of S1 ME won the second prize for arm wrestling and is selected for State Level Championship Competition.
12. The students of Mechanical Engineering has made agro tools as part of their project, under the guidance of HoD and lab staff. The launching of these tools was inaugurated by Adv. Sunilkumar V S, Hon'ble Minister of Agriculture, Kerala in a function organized in IES auditorium on 22.03.2021.
13. Mr. Sarvan PP HOD ME and Mr. Shillin K.S coordinated webinar on the topic "Know the Mechanical world and bridge the Gap " conducted by Mr. Nijesh Nandan, Mechanical Engineer, UAE on 04.02.2021.
14. Mr. Raveendran Lab faculty of Mechanical department created calibration and measuring gauge in production lab of the department on 19.02.2021.
15. Sri V.S Sunil Kumar, Honourable Minister for Agriculture inaugurated "Launching of Agro tools" at IES College of Engineering Auditorium with the presence of President Mr. Mohammed Ali K.P and board members of IES . Mr. Joseph George AP ME coordinated the inauguration function on 22.03.2021.
16. An anti narcotics awareness programme was conducted on 23.03.2021 through online for the students of S5 & S7. The session was handled by Mrs. Sathy K K, Woman Civil Excise Officer, Excise Range Office, Kolazhy-Thrissur division. It was very informative.
17. Senior Vice President Mr. Said Mohammed P handed over the first order for a batch 150 numbers of beehive stand to Mr. Anas P AP ME on 31.03.2021.
18. Mechanical department conducted a one day tour to Wagamon on 10.04.2021 with their HoD, faculty and lab staff.
19. Mr. Sarvan PP HOD ME, Mr. Shillin KS and Mr. Rakul A Ravi coordinated a webinar on the topic Career opportunities in marine, oil and Gas sector by Mr. Faizal Farook, Director, Accurant Engineers, Ivion Industrial Academy, organized by Department of Mechanical Engineering at IESCE.

### **Science & Humanities**

1. The department co-ordinated with all the branch departments and ensured that its faculty members provided effective online classes and other support and monitored that the portions were completed on schedule. The first year students of the Batch 2020 were focused on, as

S&H coordinated the Bridge course and the Universal Human values Induction program.

2. Further, the Department initiated many internal and external training programs for KEAM, Career guidance, IELTS and so on.
  - a. Online Induction Program for two days
  - b. Coordinated Teacher's day Celebrations
  - c. One day Online Webinars
  - d. KEAM Mathematics Tricks and Strategies
  - e. Start Online Business in India
  - f. Job Search Made Easy
3. The literary & Science Club-dept of S & H in association with Ethics Committee presented National online Quiz from 25<sup>th</sup> to 30<sup>th</sup> January 2021 on the topic "The Great Indian Constitution" to commemorate the 72<sup>nd</sup> Republic Day.
4. IESCE Women Cell "Jwala" celebrated Women's day on March 8, by conducting an online quiz competition.
5. An antiragging awareness programme was conducted through online mode on 12.03.2021 for S3 students. Adv.Muraleedharan R ,Panel advocate of District Legal Services Authority handled the session which was very informative.
6. An anti narcotics awareness programme was conducted on 23.03.2021 through online for the students of S5 & S7. The session was handled by Mrs.Sathy K K, Woman Civil Excise Officer, Excise Range Office, Kolazhy-Thrissur division. It was very informative.
7. IESCE Ethics Committee Conducted a webinar in association with literary & Science Club-dept of S & H for the students of S4. on "Constitutional awareness". The key note address was by Adv. Sojan Job, Panel Advocate, DLSA, High Court of Kerala on 15.06.2021.
8. An antiragging awareness programme was conducted through online mode on 12.03.2021 for S3 students. Adv.Muraleedharan R ,Panel advocate of District Legal Services Authority handled the session which was very informative.
9. Dept of S & H, Lliterary & science Club in cse & IEEE in association with programme at EEE computer centre first step into the world of computers. Women empowerment- neighbourhood Reach out programme.
10. The KEAM coaching for the admission 2021 aspirants was given by the S & H department. Mr.Shajahan P M Assistant Professor in Maths handled 19 sessions from 07.06.2021 to and one session of Physics

handled by Mr.Poulose from Ollur and two sessions of Chemistry handled by Mr.Varun M, Ernakulam.

## **VII. IEEE ,IEDC & IIC Activities**

1. In House Academic Project Competition COVIDEA '20- The program was conducted through online platform on 8<sup>th</sup> March in association with EDC, NSS, IETE, to create entrepreneurship skill among students.
2. FDP On industry 4.0-The program was conducted on 4<sup>th</sup> June in association with EDC,NSS, IETE. More than 140 students participated in the program.The objective of the program is, upgrading technical skills of teaching community.
3. PYTHON Programming-A three day program was conducted on October 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> 2020.Program was conducted on online platform and the objective of the program is, introducing benefits of PYTHON programming and its opportunities.
4. Nacotech 2020-A photography contest was conducted on 2<sup>nd</sup> October in association with IEDC, NSS and IETE.
5. Orientation program for first year students-Introducing the benefits of IEEE and its opportunities an online program was conducted on 12<sup>th</sup> December 2020. 200 students participated in the event.
6. Social Commitment-As a part of social commitment we provided technical support for ACT pain and Palliative care unit.
7. A webinar session on "Introduction to VLSI and its Future scope" was conducted by in association with IIC& IETE. The session was conducted through online Platform-Google meet. The resource person - Ms. Veena K, Product Development Engineer-II, Anora Semiconductor Labs, Bangalore.
8. An IEDC Orientation Programme was organized on 30 December 2020 at 04:30 p.m. Taking into account the present protocols of Covid-19 situation, the programme was held via Google Meet. It was headed by Mr. AkhilMadav, Maker Manager of Cisco Thingqator.
9. IEDC and IEEE jointly organised a talk series called EL-DEX TALKS on Campus & Start ups on 21.01.2021 and 28.01.2021Mr.Thomson Tom,founder of infusory was the resource person for the first day and Mr.Nihal Pradeep,CEO& Co founder of Roninak Ventures/Spotlight was the resource person on the second day.
10. IES IEDC in association with IEEE conducted the talk series 3 on the topic "Intellectual Property Rights" through online by honourable guest Ms.Pooja

Rawal,VP at Aumirah IP who is responsible for business development and managing client relationship.

11. IEEE in association with Literary & Science Club of S & H dept ,IEDC IIC & NSS Unit conducted an online orientation programme on the topic “Tips on Resume Writing” on 10.02.2021. The session was handled by Ms.Prabhavathi Prabhakaran, AP in S & H dept.

### VIII. Training & Placement

1	STEENA STEEPHAN	16RCS20	CSE	2020	Off Campus	Tata Consultancy Service
2	REEMA JOSEPH KOLLANNUR	16RCS15	CSE	2020	On Campus	Sutherland Global Services Ltd/Xelpmoc Design Tech Limited
3	RIYA SUNEESH	16RCS16	CSE	2020	On Campus	Sutherland Global Services Ltd
4	WASEEM ARSHAD	16RCS22	CSE	2020	On Campus	Sutherland Global Services Ltd/Xeroscript Technologies
5	MOHAMED AKBAR ALI	16RCS12	CSE	2020	On Campus	Sutherland Global Services Ltd/
6	SRUTHI	16RCS19	CSE	2020	On Campus	Sutherland Global Services Ltd
7	SHIMIJA	16RCS17	CSE	2020	On Campus	Sutherland Global Services Ltd
8	ANJANA K A	16RCS03	CSE	2020	Off Camus	Infosys/Sutherland Global Services Ltd
9	ABDUL SALIM	16RCS01	CSE	2020	On campus	Sutherland Global Services Ltd/Quintet Technologies
10	ANAND K B	16RCS02	CSE	2020	Off Campus	Byjus /Calcus Technology
11	NAJIYA	16RCS13	CSE	2020	On Campus	Calcus Technology
12	ATHIRA	16RCS05	CSE	2020	On campus	Calcus Technology
13	ARTHANA. K	16RCS04	CSE	2020	Off Campus	Infosys
14	SONA PARVEEN	16RCS18	CSE	2020	Off Campus	Its Planners And Engineers
15	PRITHVI	16RCS14	CSE	2020	Off Campus	Demuadu Games
16	FATHIMA RESHMA KT	16RCE12	CIVIL	2020	Off Campus	Infosys
17	SISIRA PS	16RCE28	CIVIL	2020	On Campus	Sutherland Global Services Ltd
18	CHRISTINA	16RCE11	CIVIL	2020	On Campus	Sutherland Global Services Ltd
19	AZHAR	15RCE17	CIVIL	2020	On campus	Bentley /Sutherland Global Services Ltd
20	ATHUL PM	16REC06	ECE	2020	On campus	Sutherland Global Services Ltd
21	ARJUN MOHANDAS	16REC05	ECE	2020	On campus	Sutherland Global Services

						Ltd
22	JASMINE TM	16REE08	EEE	2020	On campus	Sutherland Global Services Ltd
23	BIMAL JOY	16REE05	EEE	2020	On campus	Sutherland Global Services Ltd/ Engineering House
24	MOHAMMED FAHAD K	16RME23	MECHANICAL	2020	On campus	Sutherland Global Services Ltd
25	VISHNU BABU	16RME36	MECHANICAL	2020	On campus	Sutherland Global Services Ltd
26	FATHIMA NAZRIM CN	16REE07	EEE	2020	On campus	Engineering House
27	NITHIN G	17LEE24	EEE	2020	On campus	Maxwell Electric Corporation
28	SANAL SUNNY	16REE17	EEE	2020	On campus	Spatez Technology
29	MUBASHIR KV	16REE16	EEE	2020	On campus	Engineering House
30	ANJO PJ	16REE21	EEE	2020	On campus	Maxwell Electric Corporation
31	VIPIN VARGESE P	17LEE26	EEE	2020	On campus	Maxwell Electric Corporation
32	GLYBIN JOSEPH	17LEE23	EEE	2020	On campus	Maxwell Electric Corporation
33	ANAND P NAIR	16REE03	EEE	2020	On campus	Spatez Technology
34	LAKSHMI CHANDRAN	16REE13	EEE	2020	On campus	Engineering House

## IX. NSS Activities

### **Name:-Reading day video making-on 19 June 2020**

Details - Made a video including all NSS volunteers in which each volunteer says about the importance of reading books and how reading affects an individual in his life.

### **Name: - Yoga day 2020 Date : - 21 June 2020**

Details:-we organised a yoga class through Google meet on yoga day at morning by Master Prajeesh who is a national level yoga trainer.

### **Name: - Importance of NSS Date : - 7 July 2020**

Details: - we organized an orientation by our previous year NSS volunteer secretary Zaina Nazar and Ebby Johnson and our program officer Mr. Joseph George about the importance of NSS.

### **Name: - Independence Day flag hoisting Date :- 15 August 2020**

Details:-As a part of independence day with NSS unit 186, Indian flag was hoisted in IES college of engineering by the General Secretary Mr. Mohammed Rafeeq P C and Director Mr. Jini CA and Mr Shaju K Paul by strictly



following the covid rules and protocols. NSS unit 186 conducted a quiz competition for the students of IES College of Engineering on Independence Day. The quiz competition was conducted online through google forms on the topic "India". There were 20 questions which the students had to answer in 2 minutes and students who have scored 85% or more were provided with e certificates.

**Name:-NSS Day Poster Making Competition Date:- 24 September 2020**

Details:-NSS unit 186 on behalf of NSS day conducted a digital poster making competition for all the NSS volunteers of our college. Mr.Harshid of S3EEE was the winner for the programme

**Name:- Haritha 2020 Date:- 24 September 2020**

Details:-all volunteers of NSS unit 186 in association with NSS day planted a tree in their house and have emphasized the importance of planting trees as a part of Haritha 2020 on NSS day.

**Name:- Chain Fumigation day 1 Date:- 2 October 2020**

**Details:-**As a part of Gandhi Jayanthi on day 1 of chain fumigation, volunteers of NSS unit disinfected public places as a part of covid-19 defense. Some important places in the city were selected for disinfection as per the directions of Health Dept, Police dept, Thrissur Corporation and Irinjalakuda Corporation. We disinfected and covered Irinjalakuda bus stand premises, Taluk hospital areas, Police station ,Manorama road , Shakthan road and market , Thrissur govt hospital, and we covered most of areas from Amala hospital to Chittilappilly and we covered most of the crowded areas like Banks, ATMs, Supermarkets ,Bus stands etc.on the first day of chain fumigation. Hydrogen peroxide and sodium hypochlorite were used for disinfection as directed by the Health dept.

**Name:-GandhiJayanthi poster making competition Date:- 2 October 2020**

Details:-we NSS unit conducted a digital poster making competition for the volunteers of NSS unit on behalf of GandhiJayanthi. All NSS volunteers made their poster beautifully.

**Name:- Breast Cancer Awareness Date:- 11 October 2020**

Details:-NSS unit 186 along with Snehitha Womens Health Foundation conducted an awareness program to all teachers, students, parents etc on breast cancer by Dr. Paul Augustine who is the head of surgical oncology at Regional Cancer Centre.

**Name:-Neethi: day 1 Date:- 24 October 2020**

Details:-volunteers of NSS unit 186 conducted an orientation program on the topic scope of NSS beyond academics during education and in professional life. The session was handled by Mr.Rakesh Rajan who was the ex -volunteer secretary of Govt.Engineering College,Calicut.

**Name:-Neethi: day 2 Date:- 25 October 2020**

Details:-Volunteers of NSS unit conducted an orientation program on the topic essence of NSS by Mr. Anoop Metheri who was the ex-volunteer secretary of Govt.Engineering College ,Thrissur and is currently pursuing PhD in IIT Guwahati.

**Name:-Snehasparsham Card Challenge Date: - 9 November 2020**

Details:- NSS unit 186 organised a card making competition regarding childrens day and we assigned each volunteer with a name of the child in the Sadanaman. So all NSS volunteers made a card by themselves wishing happy childrens day for the kids in Balika Sadhanam and all the cards were posted by the volunteers from the nearby post offices from their location.

**Name:-Snehasparsham at Sanjivani Balika Sadanam Date:- 14 Nov 2020**

Details:-NSS volunteers visited Sanjeevani Balika Sadanam and gifted books and pens for all the children in the Sadanam, as a part of childrens day, shared sweets with the children there as a part of Deepavali.

**Name: - Orientation on Sannadhasena Date:- 20 November 2020**

Details: - NSS organised an orientation session on Sannadhasena by Hridhya George and Ayisha Nahan who are members and master trainers in Sannadhasena.

**Name: - Sexual Disorders Date:- 1 December 2020**

Details:-NSS unit 186 of NSS college of engineering along with Mental Health Action Trust (MHAT) conducted an orientation class on the topic "sexual disorders"handled by Ms.Anjali Anil kumar who has done PG in Clinical Psychology.

**Name:- Scrap to SharpDate:- 6 December2020**

Details:-NSS conducted a competition on making an innovative, useful and decorative item by collecting scrap.

**Name:-Thanal - Date:- 12 December 2020**

Details:-NSS unit our college organised an interactive session with Smt.Sheeba Ameer who is the founder and secretary of " Solace " . Solace aims at supporting children withlong term illness and their mothers.

**Name:-Jeevathi day Date:- 19&20 December 2020**

Details:- The NSS units of six colleges in Thrissur District including IES College of Engineering, Government Engineering College, Thrissur, Malabar college of Engineering , Vidya Academy of Science & Technology, Thejus Engineering College and Royal College of Engineering organized a blood donation camp titled "jeevathi" with the motto of "donate your blood for a

reason , let the reason be life", in collaboration with the blood banks of IMA and Government Medical College Thrissur on 19th of December 2020.

**Name:-Journey of a Journalist Date:- 22 December 2020**

Details:- Mental Health Association Trust (MHAT) conducted an orientation program named "journey of a journalist" by Reji RNair who is a sub editor at Mathrubhumi daily.

**Name:- Carol Competition 2k20 Date:- 22 December 2020**

Details:- NSS unit of IESCE, as a part of Christmas organised a carol competition for all NSS volunteers.

**Name: - Sleep and Mental Health Date: - 5 January 2021**

Details:-MHAT organised an orientation program on sleep and mental health by Dr. Manoj Kumar who is the clinical director of MHAT (Mental Health Association Trust) Our NSS unit participated in the same.

**Name:- Aakar 2k21 online and offline Special Camp:- January 25-31,2021**

**Details:** This camp was conducted in the campus itself as per the instruction from KTU NSS Cell. They did a lot of maintenance works in the campus. Some of them are Auditorium cleaning, Basket ball court painting, Divider painting, Grass cutting, Drip irrigation settings in front of Thermal lab, painting of a tank for improving water for college front area, Cleaning of entire college premises, repair of tennis court post, cleaning of rain water harvest tank premises, badminton post stand painting, painting of name boards in front of the college etc.

**Republic day** was celebrated on 26.01.2021 in the campus. The flag hoisting was done by Mrs.Nisha Prabakaran, our Panchayath ward member. Mr.Mohammed Ali K P, President IES was present in the function. Our Principal delivered felicitation to all. All faculty , staff members and NSS Volunteers were present in the function and sweet distribution also was there after the celebration.

Our NSS Volunteer and S3 Civil Engineering student, Hrudya P S secured second prize in the poster making competition conducted by Ahalia School of Engineering and Technology, Palakkad on Indian Constitution day.

**Name: Women's day Celebration:** A card making competition called "VIRAGO" was arranged by NSS unit on this day.

**May 7 : World Athletics Day**

NSS UNIT 186 commemorated World Athletics Day making a Poster which was updated as status by all NSSUNIT 186 volunteers.

### **May 8: Lockdown Regulation Notice**

NSS UNIT 186 volunteers organized a meeting and made Lockdown Regulation Notice to socialize the Lockdown period from May 8<sup>th</sup> to My 16<sup>th</sup>.

### **May 9: Mother's day (CAMPUS)**

NSS unit 186 of IES COLLEGE OF ENGINEERING on Mother's Day 9<sup>th</sup> may (Sunday) conducted an online poster making competition on 8 May 2021(Saturday). All NSS volunteers participated in the poster making competition and the best 3 posters were selected. The winners of poster making competition are Nihala. K. N, Nahidha. V. A, Aswin M Manoj .

### **May 12 : Nurses Day (Orientation Class)**

RESOURCE PERSON:- Dr. Thankamma Jose(Ex-Nurse supervisor from Almana General Hospital, Saudi Arabia)Orientation programme by Thankamma Jose, Ex- Nurse supervisor Almana General hospital Saudi Arabia on the importance of Nurses.

### **May 14 : webinar on covid-19**

#### **Vaccination and blood donation**

Resource Person:- Dr. Madhusudhanan (MD of Sree Chithra Ayurveda Nursing Home) He pointed out the importance of vaccination and how to register for it. He even discussed certain facts about blood donation and it's importance. Overall the class wasreally productive.

### **May 17: World telecommunicationand information day**

As a part of World telecommunication and information society day Celebrated on May 17, NSS unit 186 organized two programmes for S4 students, debate and quiz competition. All volunteers participated in the programme. The topic of Debate was, "Is technology making us more distant than connected to people". There were a total of 26 volunteers divided into 13 in each team for the debate.

Quiz Competition was conducted through Google Form which consisted of paragraph and ten questions based onthat

### **May 17 : Musical Talent Show**

NSS unit conducted an MUSIC TALENT SHOW on 18 May 2021. NSS volunteers are participated the talent show. Best 3vocals were selected.

### **May 20 :Dance Talent Show**

NSS unit conducted a DANCE TALENT SHOW on 20 May 2021. NSS volunteers participated in the talent show. Best 3 videos were selected.

### **May 22: International Day of Bio Diversity**

On behalf of, International day for biodiversity, May 22, Conservation of Natural Resources committee of NSS unit 186 took initiative to organize a kitchen garden programme. "Reuse is also an Art" programme conducted for S2 students. Best creative work was submitted by Fathima Ranna of CSE and most waste utilized & created work by Fathima Rasha Of CSE.

### **May 26 :Calligraphy Competition**

NSS Unit 186 IES College of Engineering conducted a CALLIGRAPHY COMPETITION on 26th May 2021. Calligraphy is the art of producing decorative handwriting or lettering with a pen or brush. The programme was to identify extra curricular talents of Volunteers. All volunteers participated.

### **May 31 : Anti - Tobacco Day(Orientation class)**

Resource person:- Ms. Sathy. K.K (Women Civil Excise officer, Excise Range kolazhy, Thrissur Division)

She motivated the students to fight against every problem we come across in life and also reminded us to grow up as a healthy, intelligent & strong individual. The Awareness class was excellent. As a part of World No Tobacco Day, NSS Unit of the NES College of Engineering conducted the "commit to quit" Awareness Short Film Competition on May 30, 2021. The main aim of the programme was to spread awareness to public about the widespread adverse conditions of tobacco use, including its adverse health effects, preventable death and disease. Selected best awareness video and posted on our Instagram page.

### **JUNE 5: ENVIRONMENT DAY(Community)**

As a part of World Environment Day NSS unit 186 of IES COLLEGE OF ENGINEERING conducted Plantation Community work on 5<sup>th</sup> June 2021, in which volunteers participated individually. All volunteers sent videos of their Plantation (cleaning the soil, planting, watering etc.).

### **June 6 : Funathon**

NSS UNIT 186 Cultural Committee conducted Online Cultural Programme "FUNATHON" on 6<sup>th</sup> June. The programme was held

through Google meet. Volunteers were divided into groups and different activities were done.

### **JUNE 12 : Anti-Child Labour Day**

NSS UNIT 186 of IES COLLEGE OF ENGINEERING conducted two programmes On June 12 Anti-Child Labour Day. 1.Collage making

competition (digital / handmade). All volunteers participated in the programme. The best selected collage was posted on our Instagram page. Essay(Malayalam) writing competition was conducted on topic, "Balavelayum Vidyabhyasavum". Volunteers were given the Topic at 11 am on 12<sup>th</sup> Of June and allotted time was 45 minutes.

**June 18 : Anemia Awareness CLASS(Orientation)**

Resource person:- Dr. Rakhee Raghavan. NHM Medical Officer Adat, Panchayat. For the Awareness class there were two facilitators Asha Mathew, Child development Dept officer and Stella VD, ICSD supervisor Adat, Panchayat.

**June 21 : International Yoga Day (Orientation)**

RESOURCE PERSON: Shaheema, NSS UNIT 186 Volunteer secretary

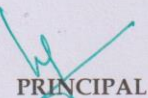
The Awareness class was excellent. Our Resource person explained about certain postures of Yoga its benefits and helped us do it. She also enlightened us about the Healthy life style and Peacefulness that can be obtained through daily practicing Yoga and Meditation.

**June 23 to June 26 : Mapathon Internship**

NSS UNIT 186 of IES COLLEGE OF ENGINEERING conducted a Mapathon programme Mentored by Anand Sudhakar. It was a 5 day training class on OSM mapping held through Google meet. Almost 30 volunteers participated and completed their internship.

**June 26 : International Day against Drug Abuse and Illicit Trafficking**

NSS UNIT 186 of IES COLLEGE OF ENGINEERING conducted Cartoon Competition on Behalf of June 26, International Day against Drug Abuse and Illicit Trafficking. Both Hand drawn and Digital Entries were allowed and best 3 works from each category were selected.

  
PRINCIPAL

PRINCIPAL  
IES COLLEGE OF ENGINEERING  
CHITILAPILLY - 680 551  
THRISSUR - KERALA

