



**Hindusthan College of Engineering and Technology,
Coimbatore-32. (An Autonomous Institution)
Department of Electronics and Instrumentation Engineering**



EIE News Letter

Academic Year: 2020-2021

August 2020 – May 2021

Volume 7, Issue 1 & 2

From the CEO & Principal's Desk



**Dr.K.KARUNAKARAN
CEO & PRINCIPAL**

I am delighted to know that the Department of Electronics and Instrumentation Engineering has released the Newsletter, Volume 8, Issue-1&2 by consolidating the activities in odd & even semester of the academic year 2020-2021.

I am happy to greet the head of the department, staff members and students for their efforts taken to achieve further mile stone in academic and extracurricular activities of the department.

From the HoD's Desk



**Dr.B.ANAND
HEAD OF THE DEPARTMENT**

I am extremely happy that the Department of Electronics & Instrumentation Engineering students' in association with faculty support has released EIE "Newsletter" consolidating the activities during odd & even semester of the academic year 2020-21.

I congratulate the faculty members, students and editorial board members for their untiring and coordinated efforts to bring out this newsletter successfully.

From the Editors Desk



Dr.R.MADHUSUDHANAN
Associate Professor-EIE Dept

It gives immense happiness from collection, edition, compilation and review of the activities from EIE department during the academic year 2020-2021.

I am overwhelmed with the quantum of activities happening with student participation in workshop, webinar, seminar, conferences, inplant training, internship, music, art, drama, dance, debate, sport , games, online certification courses etc.,

I am elated with the faculty contribution through organization of workshop, webinar, seminar, Industrial visit, MoU with organization, etc., both at national and International level. Their hall mark stands with untiring effort in completion of the online certification courses, faculty development programs and efforts on proposal writeup for fetching grants. The paramount is achieved through the research activities by publication of articles in journal by the lead faculty members.

Congratulations !

We congratulate our final year student member for successful completion of projects and presenting their work on E-conference platform during this COVID period. It is happy to note few of our students are being placed in corporate organization and private limited companies like Cognizant Technology Solutions, Axis Global Automation, Workshop Application Private Limited, KIML etc.,

We congratulate our prefinal and second year student members for participation in various co-curricular and extra curricular activities such as webinar, online technical talk, workshop etc., during this COVID-19 period apart from their regular classes in online mode. We congratulate the students competing in par with international standards by completion of various international certification courses offered through coursera. It is notable that few of our students have completed national level online certification course offered through NPTEL.

Editors Note - Due to COVID-19 pandemic scenario, news letter issue 1&2 of the academic year 2020-2021 is combined and published together in volume-7. ie., from August 2020 to May 2021.

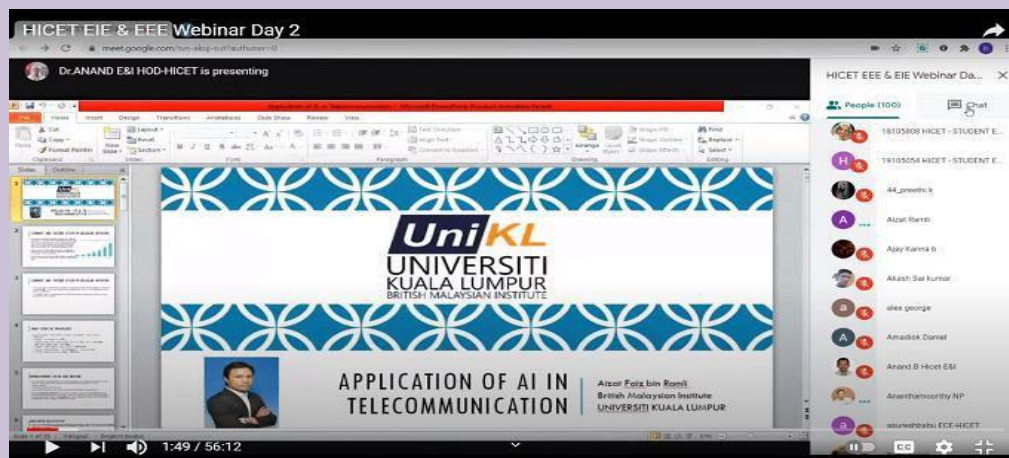
Webinar/ Online Seminar

- ❖ Jointly hosted a three day international technical talk webinar on “Application of AI in core Engineering” on 1st, 2nd and 3rd August 2020 with EEE dept of HICET
- Day #1 of international technical webinar on “Artificial Intelligence and Machine Learning” with ACM distinguished speaker, Professor of computer science of Namibia University of Science and Technology as a resource person on 1st August 2020



Day #1 : Screenshot of the international technical talk on 1st August 2020

- Day #2 of international technical webinar on “Application of AI in Telecommunication” with Aizat Faiz Bin Ramli of British Malaysian Institute under Universiti Kuala Lumpur as a resource person on 2nd August 2020



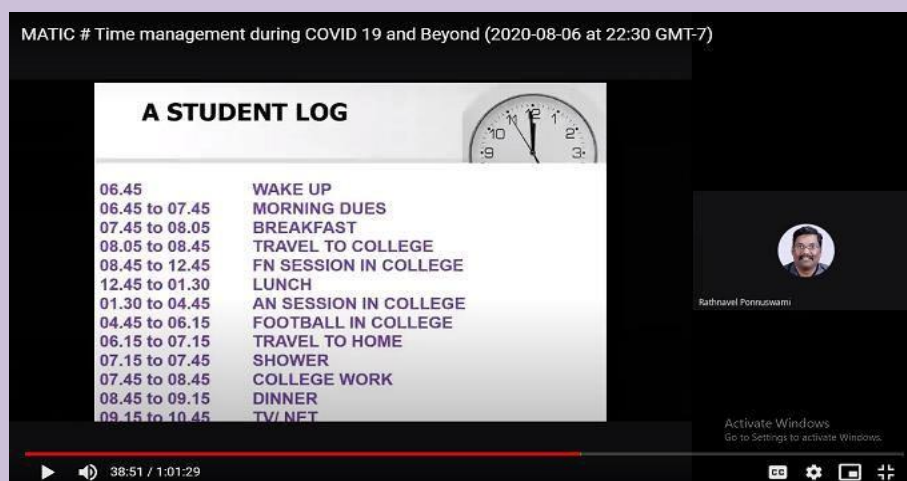
Day #2 : Screenshot of the international technical talk on 2nd August 2020

- Day #3 Hosted a webinar jointly with EEE department of HICET entitled “Towards Sustainable Energy Management with AI and Data Analytics ” with Dr.Shamim Kaiser, Professor from Institute of Information Technology, Jahanginagar University ,Bangladesh on 03.08.2020 as the resource person.



Day #3 : Screenshot of the international technical talk on 3rd August 2020

- ❖ Hosted a webinar titled “MATIC-Time management during COVID-19 and Beyond” with Mr.Rathnavel Ponnuswami, Professor & Motivational Speaker from Akshaya College of Engg & Technology on 07.08.2020 as the resource person.



Screenshot of the Webinar on 7th August 2020

- ❖ Hosted a online guest lecture titled “Entrepreneuship and Innovation as career opportunity” with Mr.Ravichandran,General Manager as a resource person from Lakshmi Elecrical and Control Systems,Coimbatore on 27.11.2020. The webinar was hosted inassociation with Institution’s Innovation Council .



Screenshoot of the Webinar on 27th November 2020

- ❖ Hosted a online guest lecture titled “Creative Innovation and New Product Development” with Sridharan, Professor , as a resource person from Sri sathya sai Institute of Higher Learning held on 28.11.2020. The webinar was hosted inassociation with Institution’s Innovation Council .



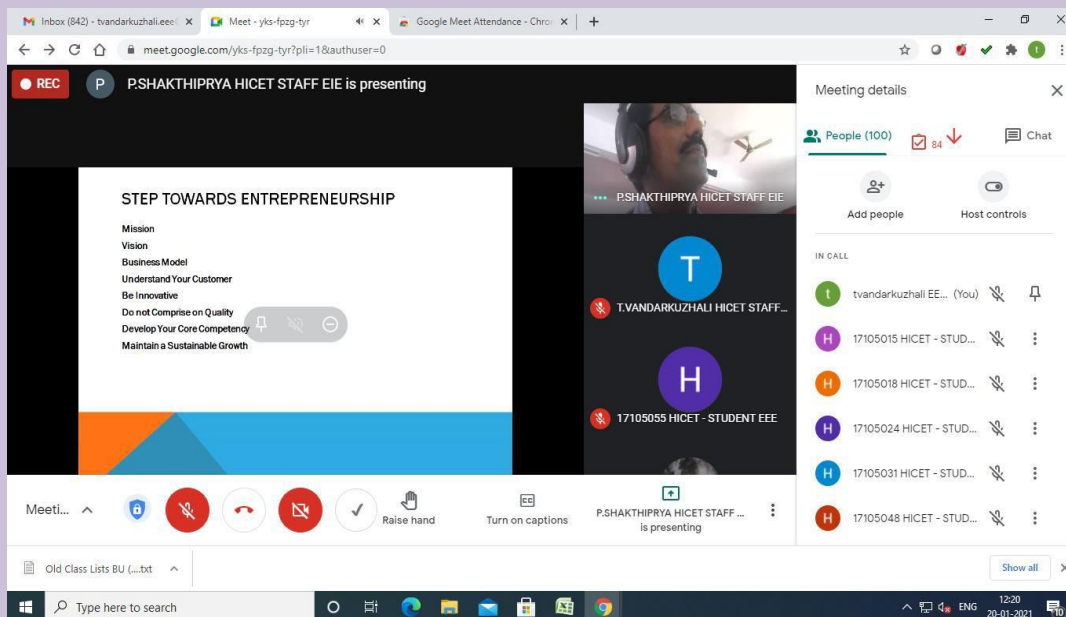
Screenshoot of the Webinar on 28th November 2020

- ❖ Hosted a online panel discussion titled “Atmanirbhar Bharat – Vocal for Local, Make in India, Make for the World” with ¹Mr. Thiyagaraj Rangasamy ,Finzine Management Consultancy, Coimbatore, ²Mr.Ezhilmaran,MD,Axis Global Automation Chennai & ³Mr.Sundar.M Senior Application Engineer, Axis Global Automation Chennai as the resource persons. The webinar was hosted in association with Institution’s Innovation Council & with Hindusthan Business School on 04.12.2020.



Screenshot of the Webinar on 4th December 2020

- Hosted a webinar entitled “ Entrepreneurship Pathway to Success” organized by EIE department of HICET on 20.01.2021 with Dr.D.M.Navarasu , Professor, Dept of Mgmt Science, HIT,Coimbatore as the resource person.



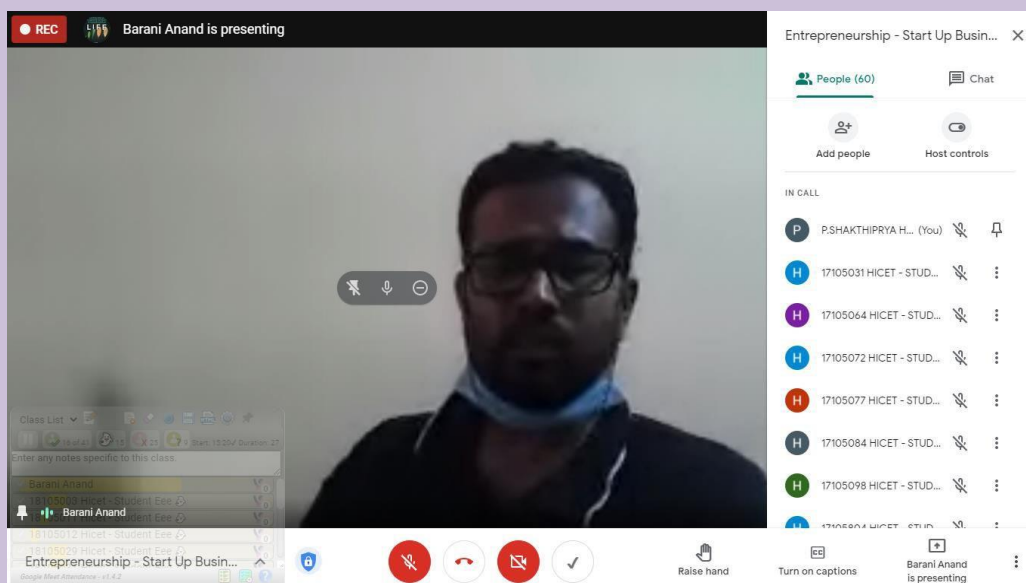
Screenshot of the Webinar on 20th January 2021

➤ Hosted a webinar entitled “ Factory automation and Industry 4.0” organized by EIE department of HICET on 06.02.2021 with Mr.Akhil Patnaik,Assistant Manager, Hundai Motors,Chennai, as the resource person.



Poster of the Webinar on 6th February 2021

➤ Hosted a webinar entitled “ Entrepreneurship-Startup Business Pitch Completion” organized by EIE department of HICET on 11.02.2021 with Mr.M.Barani, CEO, Sri Prathyangira Exports and Imports, Coimbatore as the resource person.



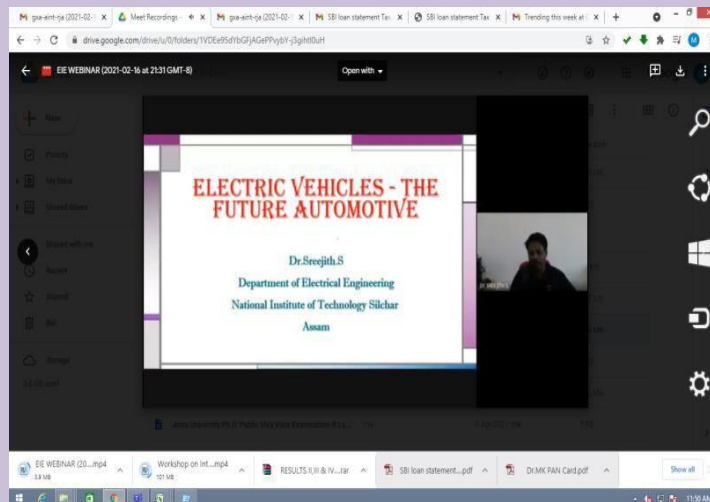
Screenshot of the Webinar on 11th February 2021

- ❖ Hosted a the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021. The speaker was Mr. Velayutham, Former Member WREB & MERC West Bengal and Maharashtra.



Poster of the webinar on 12th February 2021

- ❖ Hosted a the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021. The speaker was Dr. Sreejith, Professor from National Institute of Technology, Assam



Screen shot of the Webinar held on 17th February 2021

- ❖ Hosted the webinar entitled “Intellectual Property Rights and IP management for Startup” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 18.02.2021. The resource person was Mr. V.S.Gopal Director, Pedro Product Design, Coimbatore.



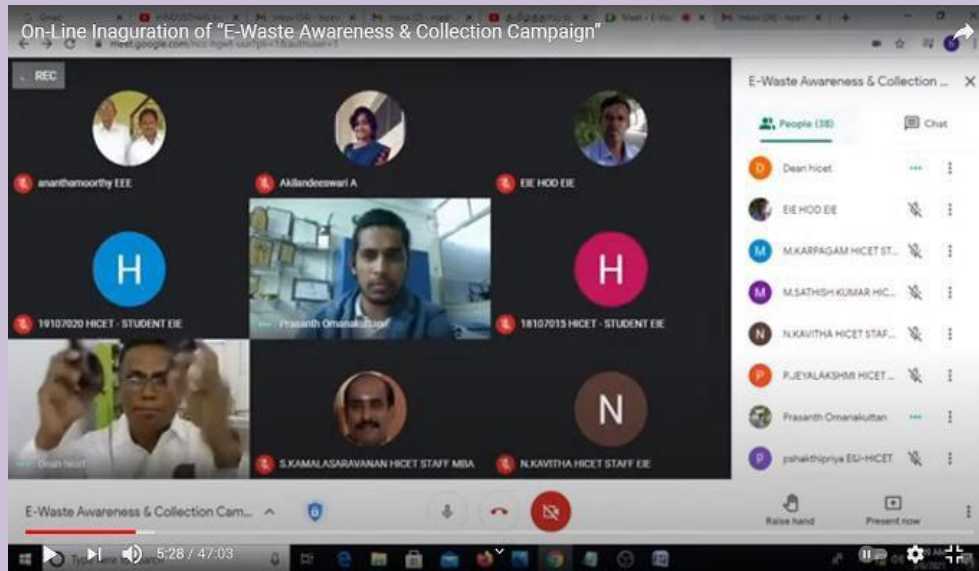
Poster of the webinar held on 18th February 2021

- ❖ Hosted a webinar titled “Factory Automation and Industrial 4.0” with Mr. Akhil Patnaik, Assistant Manager- Power Train Specialist as a resource person from Hyundai Motors India on 25.02.2021. The webinar was hosted in association with Instrument Society of India (ISOI) Students chapter.



Screenshot of the Webinar on 25th February 2021

- ❖ Hosted an online “E-Waste Awareness & Collection Campaign” for E-Waste Management practices @ HICET with M/s Green Era Recyclers. Mr.Prasanth Omanakuttan, Managing Partner of Green Era Recyclers as resource person on 06.03.2021



Screenshot of the Webinar on 6th March 2021

- ❖ NAAC Sponsored Two Days National Level Webinar on “Quality Sustenance through Online Mode of Education” on 08.04.2021 & 09.04.2021 Organized through Internal Quality Assurance Cell (IQAC) of HICET with Dr. B.S. Ponnudiraj, Adviser, NAAC as chief resource person



Industrial visit

- ❖ Industrial visit to M/s Hindushtan Transformer, Coimbatore was arranged to 2nd Year EIE students on 21st March 2021



Photo taken during Industrial visit on 21st March 2021

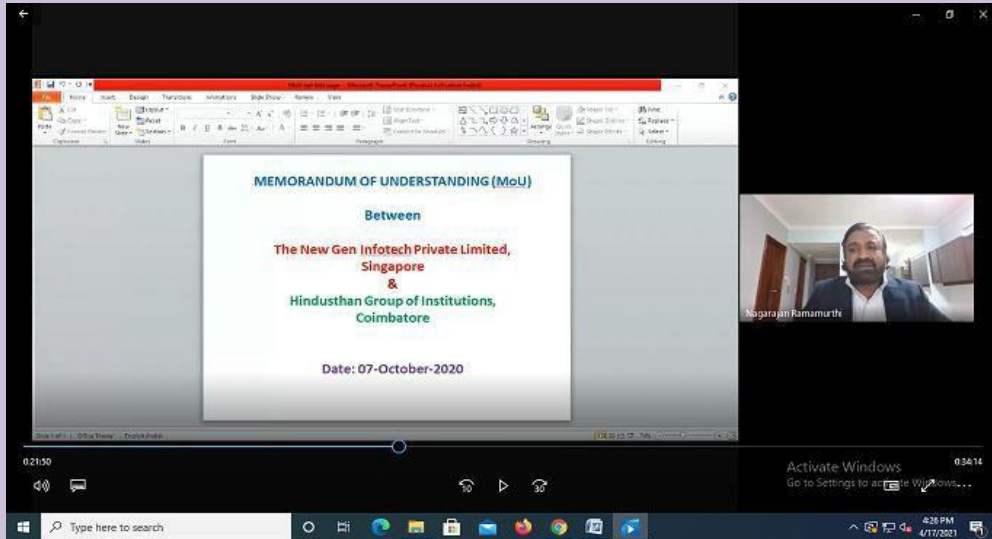
- ❖ Industrial visit to Effica Automation , Coimbatore was arranged to 2nd Year EIE students on 15th March 2021



Photo taken during Industrial visit on 15th March 2021

Memorandum of Understanding with Industry / Organization

- MoU is made on 7th October 2020 between Mr.Ramamurthi Nagarajan , Founder “The New Gen Infotech Private Limited”, Singapore and Dr.Karunakaran.K , CEO for Hindusthan Group of Institutions, Coimbatore for promoting industry-Academia collaboration.



Screenshot of the Online MoU signing event on 7th October 2020

- MoU is made on 11th December 2020 between Mr.Prasanth Omanakuttan , Managing Partner “Green Era Recyclers”, Coimbatore and Dr.Karunakaran.K , CEO for Hindusthan Educational Institutions, Coimbatore for promoting industry-Academia collaboration on E-Waste Management.



Photo taken during MoU signing meet on 11th December 2020


Research Activity
&
Grant / Funding Details

Ph.D Viva Voce Details

The following research scholars have completed their PhD viva-voce examination held in our department by the guidance of lead faculty members.

1. Mr.A.Sureshbabu successfully defended his research work entitled “ Certain investigations on econfigurable power LSFR Architecture “ during the viva voce examination held on 22.01.2021 with the guidance of Dr.B.Anand,Professor & Head - EIE department
2. Mrs.V.V.Terasa successfully defended her research work entitled “ Implementation of Efficient Carry Select Adder and Floating point Multiplier in VLSI design “ during the viva voce examination held on 21.10.2020 with the guidance of Dr.B.Anand,Professor & Head -EIE department
3. Mrs.Lavanya R successfully defended her research work entitled "Enhancing the security of advanced encryption standard through circuit and algorithm level countermeasures" “ during the viva voce examination held on 08.04.2021 with the guidance of Dr.M.Karpagam, Professor -EIE department

Grant / Funding Details

-  Grant of Rs 30000 is received from NAAC for Two Days National Level Webinar on “Quality Sustenance through Online Mode of Education” from 08.04.2021 to 09.04.2021 Organized by Internal Quality Assurance Cell (IQAC) of HICET by Dr.B.Anand,Professor & Head -EIE department

Co-Curricular & Extra Curricular
Activities of
2nd Year EIE Students
(2019-2023 Batch)

Mr.AbdulKadher.A :: Reg No # 19107001

- Mr.Abdulkadher.A has successfully completed the 8 week NPTEL online certification course in “Mechanical Measurement Systems” from September to November 2020 with a consolidated score of 48%.
- Mr.Abdulkadher.A is certified as “Enterprise Design Thinking Practitioner “ that was issued on 5th February 2021 by IBM

Mr.Balakrishnan.B :: Reg No # 19107006

- Mr.Balakrishnanan.B has successfully completed the following online international certification courses
 - ❖ “The Science of Well-Being” certified on 13.08.2020, authorized by Yale University and offered through coursera
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 16.08.2020, authorized by University of Michigan offered through coursera
 - ❖ “Electric Power Systems” certified on 06.08.2020, authorized by University at Buffalo, The State University of New York and offered through coursera
- 4. Mr.Balakrishnanan.B is certified as “Enterprise Design Thinking Practitioner “ that was issued on 5th February 2021 by IBM
- 5. Mr.Balakrishnanan.B has underwent Internship with The New Gen InfoTech Pte Ltd., Singapore as a part of talent building on digital transformation certified on on 3rd February 2021

Mr.Bhupathi.V :: Reg No # 19107007

- Mr.Bhupathi has successfully completed the online international certification courses
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 08.09.2020, authorized by University of Michigan and offered through coursera

- ❖ “Electric Power Systems” certified on 10.09.2020, authorized by University at Buffalo , The State University of New York and offered through coursera

Mr.Eishwaran J :: Reg No # 19107009

- Mr.Eishwaran J has participated in the webinar titled “MATIC – Time Management during COVID 19” that was conducted by EIE & EEE department of HICET on 07.08.2020

Mr.Hariharan.M :: Reg No # 19107011

- Mr.Hariharan.S has successfully completed the online international certification courses
 - ❖ “Electric Power Systems” on 21.08.2020 authorized by University of Buffalo and The State University of New York offered through coursera
- Mr.Hariharan.M has underwent Internship with “The New Gen InfoTech Pte Ltd., Singapore” as a part of talent building on digital transformation certified on on 3rd February 2021
- Mr.Hariharan.M is certified as “Enterprise Design Thinking Practitioner “ that was issued on 9th February 2021 by IBM
- Mr.Hariharan.M has participated and Won 2nd Place in Hindusthan art contest conducted on 07.02.2021 on the Theme : Education in Future.

Mr.Kabilan .P :: Reg No # 19107014

- Mr.Kabilan.P has successfully completed the following online international certification courses
 - ❖ “Electric Power Systems” certified on 14.08.2020, authorized by University at Buffalo and The State University of New York offered through coursera
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 14.08.2020, authorized by University of Michigan and offered through coursera
 - ❖ “The Science of Well-Being” certified on 05.09.2020, authorized by Yale University offered through coursera

- Mr.Kabilan.P has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021
- Mr.Kabilan.P has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Mr.Keerthick Raju .K :: Reg No # 19107015

- Mr.Keerthick Raju.K has successfully completed the following online international certification courses
 - ❖ “Electric Power Systems” certified on 06.09.2020, authorized by University at Buffalo, The State University of New York offered through coursera
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 07.09.2020, authorized by University of Michigan offered through coursera
 - ❖ “The Science of Well-Being” certified on 07.09.2020, authorized by Yale University offered through coursera
 - ❖ “Mind Control : Managing Your Mental Health During COVID-19” certified on 07.09.2020, authorized by University of Toronto offered through coursera

Mr.Mohammed Fahad.M :: Reg No # 19107017

- Mr. Mohammed Fahad.M has successfully completed the following online international certification courses
 - ❖ “The Science of Well-Being” certified on 12.08.2020, authorized by Yale University and offered through coursera
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 11.08.2020, authorized by University of Michigan and offered through coursera

- Mr. Mohammed Fahad.M has successfully completed the 8 week NPTEL Online Certification course “Mechanical Measurement Systems” from September to November 2020 with a consolidated score of 52%.
- Mr. Mohammed Fahad.M has participated in online army day quiz competition organised by NSS of HICET on 15.01.2021
- Mr. Mohammed Fahad.M has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021
- Mr. Mohammed Fahad.M has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 12.02.2021
- Mr. Mohammed Fahad.M has participated in webinar titled “Facts Devices and Its Applications” organised by Department of EEE @ HICET on 20.02.2021

Mr.Nandhakumaran.R :: Reg No # 19107019

- Mr.Nandhakumaran.R has successfully completed the following online international certification courses
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 04.09.2020, authorized by University of Michigan and offered through coursera
 - ❖ “The Science of Well-Being” certified on 04.09.2020, authorized by Yale University and offered through coursera
 - ❖ “Electric Power Systems” certified on 04.09.2020, authorized by University at Buffalo and The State University of New York and offered through coursera
- 6. Mr.Nandhakumaran.R has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students

chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Ms.Ponsuganthi.S :: Reg No # 19107020

- Ms.Ponsuganthi.S has successfully completed the following online international certification courses
 - ❖ “The Science of Well-Being” certified on 13.08.2020, authorized by Yale University offered through coursera
 - ❖ “Programming for Everybody (Getting Started with Python)” certified on 11.08.2020, authorized by University of Michigan offered through coursera
 - ❖ “Electric Power Systems” certified on 23.07.2020, authorized by University at Buffalo and The State University of New York offered through coursera

Mr.Robin Mathew.R :: Reg No # 19107021

- Mr.Robin Mathew.R has successfully completed the following online international certification courses
 - ❖ “The Science of Well-Being” certified on 28.08.2020, authorized by Yale University and offered through coursera
- Mr.Robin Mathew.R has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021
- Mr.Robin Mathew.R has participated in the webinar entitled “Intellectual Property Rights and IP management for Startup” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 18.02.2021
- Mr.Robin Mathew.R has participated in the webinar entitled “MATIC-Time management during COVID 19 and beyond” organized by EIE & EEE of HICET on 07.08.2020

Mr.Shanthosh Kumar.M :: Reg No # 19107024

- Mr.Shanthosh Kumar.M has successfully completed the following online international certification courses
 - ❖ “Electric Power Systems” certified on 09.12.2020, authorized by University at Buffalo and The State University of New York and offered through coursera

Ms.Sornalatha.N :: Reg No # 19107026

- Ms.Sornalatha.N has actively participated in state assembly election held on 06.04.2021 with the support of National Service Scheme (NSS) of HICET
- Ms.Sornalatha.N has actively participated in program titled “Right to Vote Pledge” held on 26.03.2021 conducted by National Service Scheme (NSS) of HICET

Mr.Sudharson.R :: Reg No # 19107027

- Mr.Sudharson.R has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Mr.Elavarasan.N :: Reg No # 19107028

- Mr.Elavarasan.N has successfully completed the following online international certification courses
 - ❖ “The Science of Well-Being” certified on 06.09.2020, authorized by Yale University offered through coursera
 - ❖ “Electric Power Systems” certified on 16.08.2020, authorized by University at Buffalo and The State University of New York offered through coursera
- Mr. Elavarasan.N is certified as “Enterprise Design Thinking Practitioner “ that was issued on 5th February 2021 by IBM

- Mr. Elavarasan.N has underwent Internship with The New Gen InfoTech Pte Ltd., Singapore as a part of talent bulding on digital transformation certified on on 3rd February 2021
- Mr. Elavarasan.N has participated in webinar titled “Facts Devices and Its Applications” organised by Department of EEE @ HICET on 20.02.2021
- Mr. Elavarasan.N has participated in online army day quiz competetion organised by NSS of HICET on 15.01.2021
- Mr. Elavarasan.N has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021
- Mr. Elavarasan.N has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 12.02.2021
- Mr. Elavarasan.N has participated in the webinar entitled “Intellectual Property Rights and IP management for Startup” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 18.02.2021

Mr.Nikil Aksah.S :: Reg No # 19107801

- Mr.Nikil Akash.S is certified as “Enterprise Design Thinking Practitioner “ that was issued on 4th February 2021 by IBM
- Mr.Nikil Akash.S has underwent Internship with The New Gen InfoTech Pte Ltd., Singapore as a part of talent bulding on digital transformation certified on on 3rd February 2021
- Mr.Nikil Akash.S has participated in webinar titled “Facts Devices and Its Applications” organised by Department of EEE @ HICET on 20.02.2021
- Mr.Nikil Akash.S has participated in online army day quiz competetion organised by NSS of HICET on 15.01.2021

- Mr.Nikil Akash.S has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021
- Mr.Nikil Akash.S has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 12.02.2021

Mr.Nobel Dhanaraj S :: Reg No # 19107802

- Mr.Nobel Dhanaraj has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021
- Mr.Nobel Dhanaraj has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 12.02.2021

Co-Curricular & Extra Curricular
Activities of
3rd Year EIE Students
(2018 -2022 Batch)

Mr.Aldrin Anto George :: Reg No # 18107001

- Mr. Aldrin Anto George has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 10.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 05.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 11.09.2020, authorized by Georgia Institute of Technology and offered through coursera
 - ❖ “Foundations of Business Strategy” certified on 05.09.2020, authorized by University of Virginia and offered through coursera

Mr.Divinesh.T :: Reg No # 18107002

- Mr.Divinesh.T has successfully completed the 8 week NPTEL online certification course in “Mechanical Measurement Systems” from September to November 2020 with a consolidated score of 53%.
- Mr.Divinesh.T has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 09.08.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 21.07.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 30.08.2020, authorized by Georgia Institute of Technology and offered through coursera

Mr.Mathesh.G :: Reg No # 18107006

- Mr.Mathesh.G has successfully completed the following online international certification courses

- ❖ “Introduction to solar cells ” certified on 09.08.2020, authorized by Technical University of Denmark and offered through coursera
- ❖ “Positive Psychology ” certified on 21.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera

Mr.Mohamed Arshath Refaia. A :: Reg No # 18107007

- Mr.Mohamed Arshath Refaia. A has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 03.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 09.08.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 31.08.2020, authorized by Georgia Institute of Technology and offered through coursera
 - ❖ “Intelligent Machining” certified on 16.07.2020, authorized by University of Buffalo and The State University of NewYork and offered through coursera

Mr.Mohammed Haneef :: Reg No # 18107008

- Mr.Mohammed Haneef has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 12.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 10.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 12.09.2020, authorized by Georgia Institute of Technology and offered through coursera

Mr.Prasanth.V :: Reg No # 18107011

- Mr.Prasanth.V has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells” certified on 11.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 09.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 11.09.2020, authorized by Georgia Institute of Technology and offered through coursera

Mr.Praveen.K :: Reg No # 18107012

- Mr.Praveen.K has successfully completed the 8 week NPTEL online certification course in “Mechanical Measurement Systems” from September to November 2020 with a consolidated score of 48%.

Mr.Raswanth T R :: Reg No # 18107013

- Mr.Mohamed Arshath Refaia. A has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 07.08.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Introduction to Electronics” certified on 30.08.2020, authorized by Georgia Institute of Technology and offered through coursera
 - ❖ “Introduction to the Internet of Things and Embedded Systems” certified on 24.09.2020, authorized by University of California, Irvine and offered through coursera
- Mr.Raswanth T R has successfully completed the 8 week NPTEL online certification course in “Mechanical Measurement Systems” from September to November 2020 with a consolidated score of 57%.

- Mr.Raswanth T R has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Mr.Sathya B :: Reg No # 18107012

- Mr.Sathya B has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells” certified on 05.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 05.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 5.09.2020, authorized by Georgia Institute of Technology and offered through coursera

Mr.Rajeev R :: Reg No # 18107801

- Mr.Rajeev R has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 10.09.2020, authorized by Technical University of Denmark and offered through coursera
 - ❖ “Positive Psychology ” certified on 09.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
 - ❖ “Introduction to Electronics” certified on 10.09.2020, authorized by Georgia Institute of Technology and offered through coursera

Mr.Sugin.S :: Reg No # 18107802

- Mr.Rajeev R has successfully completed the following online international certification courses
 - ❖ “Introduction to solar cells ” certified on 08.09.2020, authorized by Technical University of Denmark and offered through coursera

- ❖ “Positive Psychology ” certified on 08.09.2020, authorized by The University of North Carolina at Chapel and offered through coursera
- ❖ “Introduction to Electronics” certified on 10.09.2020, authorized by Georgia Institute of Technology and offered through coursera

Co-Curricular & Extra Curricular
Activities of
4th Year EIE Students
(2017 -2021 Batch)

Alagusundar.G :: Reg No # 1710703

- Mr.Algusudar.G has successfully completed the following online international certification courses
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 27.08.2020 authorized by University of California, Irvine offered through coursera
 - ❖ “AI for Every One” on 29.08.2020 authorized by deeplearning.ai and offered through coursera
 - ❖ “3D Models for Virtual Reality” on 03.08.2020 authorized by University of London and Goldsmiths, University of London and offered through coursera

- Mr.Algusudar.G has participated and presented a paper entitled “IOT based automation in industries” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

- Mr.Algusudar.G has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

- Mr.Asupathi.N has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021

Alex Robinson.D :: Reg No #1710704

- Mr.Alex Robinson.S has successfully completed the following online international certification courses
 - ❖ “AI for Every One” on 22.09.2020 authorized by deeplearning.ai and offered through coursera

- ❖ “Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360” on 22.09.2020 authorized by Autodesk and offered through coursera
- ❖ “Game Theory with Python” on 22.09.2020 authorized by coursera project network and offered through coursera.

Mr.Arun Kumar.M :: Reg No #1710705

- Mr.Arun Kumar.M has successfully completed the following online international certification courses
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 02.08.2020 authorized by University of California, Irvine offered through coursera
- Mr.Arun Kumar.M has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with grade of 60%.
- Mr.Arun Kumar.M has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Mr.Asupathi.N :: Reg No # 1710707

- Mr.Asupathi.N has participated and presented a paper entitled “Automated Green Monitoring and Controlling App design using Android and IoT” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021
- Mr.Asupathi.N has participated in webinar titles “Challenges and Opportunities for Automation Engineers” organised by Department of EIE @ HICET on 28.06.2020
- Mr.Asupathi.N has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

- Mr.Asupathi.N has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021

Mr.Chandran.B :: Reg No # 1710708

- .B. Chandran, successfully completing the course Chemical Process Safety- NPTEL –(SEP -DEC 2020)

Chandrasekar .M.G :: Reg No #1710709

- Mr.Chandrasekar.M.G has successfully completed the following online international certification courses
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 01.08.2020 authorized by University of California, Irvine offered through coursera
 - ❖ “Positive Psychology” certified on 02.08.2020, authorized by The University of North Carolina at Chapel and offered through coursera
- Mr.Chandrasekar.M.G has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with Elite grade of 75%..
- Mr.Chandrasekar.M.G has participated and presented a paper entitled “Smart Energy Meter for Efficient Energy Mangement with Load Control” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021
- Mr.Chandrasekar.M.G has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Ms. Gomathy.R :: Reg No # 17107012

- Ms.Gomathy.R has successfully completed the following online international certification courses
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 15.08.2020 authorized by University of California, Irvine offered through coursera
 - ❖ “Positive Psychology” certified on 02.08.2020, authorized by The University of North Carolina at Chapel and offered through coursera
- Ms.Gomathy.R has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with grade of 67%.
- Ms.Gomathy.R has participated and presented a paper entitled “Astute Ablutions and Planate in Train using IOT” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

Mr.Hariharan.S :: Reg No # 17107013

- Mr.Hariharan.S has successfully completed the following online international certification courses
 - ❖ “Bio-Hacking Your Brains Health” on 21.08.2020 authorized by EMORY university offered through coursera
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 20.08.2020 authorized by University of California, Irvine offered through coursera
 - ❖ “AI for Every one” on 20.08.2020 offered through coursera
- Mr.Hariharan has participated in webinar titled “Cyber Security with Real Time Simulation” organised by Power System Division, Central Power Institute on 08.01.2021

Ms.Jenova.J :: Reg No # 17107014

- Ms.Jenova.S has successfully completed the following online international certification courses
 - ❖ “Positive Psychology” certified on 02.08.2020, authorized by The University of North Carolina at Chapel and offered through coursera
- Ms.Jenova.S has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with grade of 61%.
- Ms.Jenova.S has participated and presented a paper entitled “Astute Ablutions and Planate in Train using IOT” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021
- Ms.Jenova.S has participated in the webinar titled “Insight of IoT in Industrial Automation” , conducted by EIE Dept of HICET, Coimbatore on 19.06.2020.
- Ms.Jenova.S has participated in webinar titles “Challenges and Opportunities for Automation Engineers” organised by Department of EIE @ HICET on 28.06.2020
- Ms.Jenova.S has participated in webinar on “Demystifying Data Acquisition: Access Data through Lab View, MATLAB & Simulink” organized by EIE department of HICET on 30.06.2020

Mr.Nishanth.P :: Reg No # 17107019

- Mr.Nishanth.P has participated and presented a paper entitled “Astute Ablutions and Planate in Train using IOT” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

Mr.Riysh Ahamed :: Reg No # 17107021

- Mr.Riyash Ahamed.N has successfully completed the following online international certification courses

- ❖ “AI for Every One” on 20.08.2020 authorized by deeplearning.ai and offered through coursera
 - ❖ “Energy: The Enterprise” certified on 08.09.2020, authorized by University at Buffalo, The State University of New York and offered through coursera
 - ❖ “Introduction to Internet of Things and Embedded Systems” on 21.08.2020 authorized by University of California, Irvine offered through coursera
 - ❖ “Oil & Gas Industry Operations and Markets” on 09.07.2020 authorized by Duke University and offered through coursera
 - ❖ “Safety in the Utility Industry” certified on 31.08.2020, authorized by University at Buffalo, The State University of New York and offered through coursera
- Mr.Riyash Ahamed has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with grade of 54%.
 - Mr.Riyash Ahamed has participated and presented a paper entitled “Waste Segregation System using PLC” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021
 - Mr.Riyash Ahamed has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021
 - Mr.Riyash Ahamed has completed “ABB Ability EDCS-Electrical Distribution Control System” on 16.08.2020 certified by ABB
 - Mr.Riyash Ahamed has achieved CEFR level B1 in a test of English proficiency certified by British Council with a validity from 23.04.2021. to 23.04.2021
 - Mr.Riyash Ahamed has completed course entitled “Electrical Measurement Safety ” on 06.09.2020 certified by Fluke..
 - Mr.Riyash Ahamed has completed course entitled “Honeywell Automation Sensing and Measuring ” on 15.08.2020 certified by Honeywell.

Mr.Soundhar.S:: Reg No # 17107025

- Mr. Soundhar.S has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020 with grade of 52%.
- Mr. Soundhar.S has participated and presented a paper entitled “Real Time Cargo Monitoring System” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

Mr.Srinivasan.C :: Reg No # 17107026

- Mr.Srinivasan.C has participated in the webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021
- Mr.Srinivasan.C has participated in the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021

Mr.Vishnuprakash .S :: Reg No # 17107031

- Mr. Vishnuprakash.S has participated and presented a paper entitled “Patient Monitoring using IoT” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

Mr.Vivek.G:: Reg No # 17107033

- Mr.Vivek has successfully completed the following online international certification courses

- ❖ “Introduction to Internet of Things and Embedded Systems” on 03.08.2020 authorized by University of California, Irvine offered through coursera
- ❖ “AI for Every One” on 27.07.2020 authorized by deeplearning.ai and offered through coursera
- ❖ “Science of Exercise” on 04.08.2020 authorized by University of Colorado Boulder and offered through coursera

Mr.Karthick Raja.S :: Reg No # 17107601

- 🚩 Mr.Karthickraja has published an article entitled “Online Product Warranty Claim Using IoT” in Suraj Punj Journal for Multidisciplinary Research , ISSN : 2394-2886 , Volume No 11, Issue No 4 , 2021, Page 399-405 .

Mr.Ajith.M :: Reg No # 17107801

- Mr. Ajith M has participated and presented a paper entitled “Water Consumption Control System” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021











Mr.Mohamed Akshan :: Reg No # 17107802

- Mr.Mohamed Akshan has participated in the webinar titled “Mass Spectroscopy and its Applications to Space Science” funded by DST that was conducted by christ college,Rajkot on 13.01.2021
- Mr.Mohamed Akshan has participated in the webinar titled “Entrepreneurs of Outer Space” that was conducted Mr.Jim Cantrell on 19.08.2020
- Mr.Mohamed Akshan has participated in online workshop titled “Algorithms for Digital Holography” , organized by Optical Society of America in association with Indira gandhi Dechnical University for Women, Kashmere gate, Delhi on 07.09.2020

- Mr.Mohamed Akshan has participated and presented a paper entitled “Design and Development of Autonomous Vehicle”in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021
- Mr.Mohamed Akshan has successfully completed the 12 week NPTEL Online Certification course “Chemical Process Safety” from September to December 2020.

ON/ OFF-campus Placement

Placements offered to students

S.No	Name & Register Number of the Student with photo	Company name with Logo	Salary Package
1	 Akash K	 Cognizant Technology Solutions	Rs.4,01,876/-
2	 Hariharan S	 Cognizant Technology Solutions	Rs 1, 80, 000/-
3	 Chandran B	 Worksbot Applications Private Limited - Chennai	Rs 1, 80, 000/-
		 Axis Global Automation -Chennai	Rs 1, 20, 000/-
4	 Chandrasekar M G	 Worksbot Applications Private Limited - Chennai	Rs 1, 20, 000/-
		 KIML- Chennai	Rs 1, 80, 000/

5	 Jenova J	 Axis Global Automation- Chennai	Rs 1, 20, 000/-
6	 Sujth A S	 KIML- Chennai	Rs 1, 80, 000/
7	 Vishnu Prakash S	 KIML- Chennai	Rs 1, 80, 000/
8	Dinesh Kumar K	 KIML- Chennai	Rs 1, 80, 000/
9	 C.Srinivasan	 KIML- Chennai	Rs 1, 80, 000/
		 TRIDENT Technologies	

FACULTY - ACTIVITIES

1. Dr.B.Anand, Professor & Head-EIE Dept

Event Details

- Convenor for the webinar titled “MATIC -Time management during COVID 19 and Beyond” organized by EIE & EEE department held on 07.08.2020
- Convener for the webinar titled “Smart Grid –Regulatory Consideration” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 12.02.2021
- Convener for the webinar titled “Electric Vehicles- The Future Automotive” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 17.02.2021
- Convenor for the webinar titled “Intellectual Property Rights and IP management for Start up” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 18.02.2021
- Convener for NAAC Sponsored Two Days National Level Webinar on “Quality Sustenance through Online Mode of Education” 08.04.2021 & 09.04.2021 Organized by Internal Quality Assurance Cell (IQAC) of HICET

Publication Details

- ✚ A.Sureshababu, **B.Anand** published a paper titled “Modified Dynamic Current Mode Logic based LFSR for Low Power Application” Elsevier, Microprocessors and Microsystems, Volume No.72, 2020.
- ✚ V.V.Terasa , **B.Anand** published a paper titled “Low Power Optimization for Finite Impulse Response Filter Features Extraction by using Thyroid Cancer Region Identification in Medical Images”, Research Article, American Scientific Publishers, Journal of Medical Imaging and Health Informatics, Volume 10,pp.no 99-107,2020.
- ✚ Vishwanathan M.P, **B.Anand** published a paper titled “Particle Swarm Optimization Technique for Multilevel Inverters in Solar Harvesting Micro Grid System” Elsevier, Microprocessors and Microsystems, Volume No.79, 2020.

Research Contribution

- ✓ Successfully guided Mr. A.Sureshababu in completion of his research work entitled “Certain investigations on reconfigurable power LSFR Architecture “ by conducting Ph.D Viva Voce examination held on 22.01.2021
- ✓ Successfully guided Mrs.V.V.Terasa in completion of his research work entitled “Implementation of Efficient Carry Select Adder and Floating point Multiplier in VLSI design “ by conducting Ph.D Viva Voce examination held on 21.10.2020

2. Dr.Karpagam, Professor- EIE Dept

Event Details

- Coordinator for the webinar titled “Smart Grid –Regulatory Consideration” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 12.02.2021
- Coordinator for the webinar titled “Electric Vehicles- The Future Automotive” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 17.02.2021
- Coordinator for the webinar titled “Intellectual Property Rights and IP management for Start up” organized by EIE department of HICET in association with Instrument Society of India (ISOI) and IIC self driven activity held on 18.02.2021

Publication Details

- ✚ Lavanya R, **Karpagam M** published a paper titled “ Enhancing the Security of AES through Small Scale Confusion Operations for Data Communication, Elsevier, Microprocessors and Microsystems, Volume No.75,2020.
- ✚ Bagyalakshmi K, **Karpagam M** published a paper titled “Performance Enhancement of Efficient Process based on Carry-Skip Adder for IoT applications” Elsevier, Microprocessors and Microsystems, Volume No.76, 2020.

Mentorship Details

- Dr.M.Karpagam Prof./EIE acted as a mentor for the NPTEL course Chemical Process Safety during June-December 2020.Under her guidance 16 students have successfully completed the course.

Certification Details

Dr.M.Karpagam Prof./EIE have Successfully completed NPTEL course with **Elite Certification** during Sep-Dec 2020

Research Contribution

- ✓ Successfully guided Mrs.Lavanya R in completion of his research work entitled “Certain investigations on econfigurable power LSFR Architecture “ by conducting Ph.D Viva Voce examination held on 08.04.2021

3. Dr. R. Madhu Sudhanan , Associate Professor- EIE Dept

Event Details

- Coordinator for the webinar titled “MATIC-Time management during COVID 19 and Beyond” organized by EIE & EEE department of HICET held on 07.08.2020
- Coordinator for the online “E-Waste Awareness & Collection Campaign” for E-Waste Management practices @ HICET with M/s Green Era Recyclers. Mr.Prasanth Omanakuttan, Managing Partner of Green Era Recyclers as resource person on 06.03.2021

Chapter Publication Details

- 🚩 Dr.R.Madhusudhanan & Dr.P.Poongodi submitted a chapter titled as “Fuzzy PID controller and its performance Evaluation for a Reduced Order Model” in the book entitled “ Advancements in Engineering & Management “ , Mangalam Publication,Delhi (Accepted for Inclusion)

Mentorship Details

- Dr.R.Madhusudhanan Assoc.Prof/EIE acted as a mentor for the NPTEL course Mechanical Measurements System during June-December 2020. Under his guidance 7 students have successfully completed the course.

Certification Details

- Completed a NPTEL Course titled “Electronic Waste Management –Issues and Challenges” with Elite+Silver Certification during Jan-Feb 2021 with a score of 78%
- Completed a FDP on “Integrated Planning for NIRF Ranking & Best Practices in Engineering College” organized by HICET held from 27th July 2020 to 1st August 2020.

UG Project Guidance & Conference Details

- Guided a UG student batch in presenting their project work entitled “Water Consumption Control System” in 7th International E-Conference on Latest Trends in Science Engineering and Technology organized by Karpagam Institute of Technology on 26.03.2021 & 27.03.2021

4. Mr.R.Vinoth Kumar, Assistant Professor - EIE Dept

Event Details

- Coordinator for webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021. The speaker was Mr. Velayutham, Former Member WREB & MERC West Bengal and Maharashtra.
- Coordinator for the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021. The speaker was Dr.Sreejith , Professor from National Institute of Technology, Assam

Publication Details

- 🚩 **R.Vinoth Kumar**, D.Deivasigamani, N.Kavitha and P.Shakthipriya “SCADA based real Time Monitoring and Control for Process Control Plants using Industrial IoT”, is Accepted for Publication in American Institute of Physics (AIP), SCOPUS,2021
- 🚩 **R.Vinoth Kumar** “Design and Development of Autonomous Vehicle Module” is Accepted for Publication in Suraj Punj Journal For Multidisciplinary Research, (UGC Approved Journal S.No: 64786),2021

Certification Details

- Mr.R.Vinoth Kumar AP/EIE have Successfully completed NPTEL course **titled “Cloud Computing”** with Elite Certification & FDP certification. during Sep-Nov 2020 with a score of 68%
-

Award Details

- R.Vinoth Kumar,D.Deivasigamani,N,Kavitha and P.Shakthipriya **Received Best Paper Award** for the paper titled “SCADA based Real Time Monitoring and Control for Process Control Plants using Industrial IoT ”, in 4th National Conference on Current & Emerging Process Technologies (e-CONCEPT 2021) at Kongu Engineering College, Erode on February 20, 2021.

5. Mr.D.Deivasigamani, Assistant Professor- EIE Dept

Event Details

- Coordinator for the webinar titled “MATIC-Time management during COVID 19 and Beyond” organized by EIE & EEE department of HICET held on 07.08.2020
- Coordinator for webinar entitled “Smart Grid-Regulatory Consideration” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 12.02.2021. The speaker was Mr. Velayutham,Former Member WREB & MERC West Bengal and Maharastra.
- Coordinator for the webinar entitled “Electric Vehicles – The Future Automotive” organized by EIE department in association with Instrument Society of India (ISOI) and Institutions Innovative Cell (IIC) on 17.02.2021. The speaker was Dr.Sreejith , Professor from National Institute of Technology, Assam

Conference Details

- Presented a paper titled “SCADA based Real Time Monitoring and Control for Process Control Plants using Industrial IoT ”, in 4th National Conference on Current & Emerging Process Technologies (e-CONCEPT 2021) at Kongu Engineering College, Erode on February 20, 2021.

Publication Details

- ✚ **D.Deivasigamani**, S.Rubasdanielraj, M.Kanakasabapathi & S.Karthickraja, “Online Product Warranty Claim Using IoT”, Suraj Punj Journal for Multidisciplinary Research , ISSN : 2394-2886 , Volume No 11, Issue No 4 , 2021, Page 399-405, April 2021

- ✚ **D.Deivasigamani**, R.Vinoth Kumar, N.Kavitha and P.Shakthipriya “SCADA based real Time Monitoring and Control for Process Control Plants using Industrial IoT”, is Accepted for Publication in American Institute of Physics (AIP), SCOPUS,2021

UG Project Guidance & Conference Details

- Guided a UG student batch in presenting their project work entitled “Online Product Warranty Claim Using IoT” in 5th International E-Conference on Engineering and Technology and Science –ICETS-21 organized by EEE department of Muthayammal Engineering College, Rasipuram on 26th March 2021.

Mentorship Details

- Mentor for the NPTEL certification course “Mechanical Measurement Systems” during Sep - December 2020. Under his guidance 7 students have successfully completed the course.

Certification Details

- Successfully completed 8 weeks NPTEL certification course entitled “Mechanical Measurement Systems” during Sep-Dec 2020

Award Details

D.Deivasigamani, R.Vinoth Kumar, N,Kavitha and P.Shakthipriya Received Best Paper Award for the paper titled “SCADA based Real Time Monitoring and Control for Process Control Plants using Industrial IoT ”, in 4th National Conference on Current & Emerging Process Technologies (e-CONCEPT 2021) at Kongu Engineering College, Erode on February 20, 2021

6. Mrs.P.Shakthipriya, Assistant Professor- EIE Dept

Event Details

- Coordinator for the webinar entitled “ Entrepreneurship Pathway to Success” organized by EIE department of HICET on 20.01.2021 with Dr.D.M.Navarasu , Professor, Dept of Mgmt Science, HIT,Coimbatore as the resource person.

- Coordinator for the webinar entitled “ Factory automation and Industry 4.0” organized by EIE department of HICET on 06.02.2021 wth Mr.Akhil Patnaik, Assistant Manager, Hundai Motors,Chennai, as the resource person.
- Coordinator for the webinar entitled “ Entrepreneurship-Startup Business Pitch Completion” organized by EIE department of HICET on 11.02.2021 wth Mr.M.Barani, CEO, Sri Prathyangira Exports and Imports, Coimbatore as the resource person.
- Coordinator the webinar entitled “Intellectual Property Rights and IP management for Startup” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 18.02.2021. The resource person was Mr. V.S.Gopal Director, Pedro Product Design, Coimbatore.

Publication Details

- 🌐 R.Vinoth Kumar, D.Deivasigamani, N.Kavitha and **P.Shakthipriya** “SCADA based real Time Monitoring and Control for Process Control Plants using Industrial IoT”, is Accepted for Publication in American Institute of Physics (AIP), SCOPUS,2021

Certification Details

- Mrs.P.Shakthipriya have Successfully completed NPTEL course with **Elite Certification** during Sep-Dec 2020

Participation Details

- Attended three days international technical talk on “AI,Machine Learning and Renewable Energy Technology” from 1st to 3rd August at HICET
- Participated in AICTE sponsored One Week Online STTP on “Research Issues and Challenges in Deep Learning Based Medical Image Analysis and Medical Diagnosis” from 17.08.2021 to 22.08.2021 at Sri Ramakrishna Engineering College.Coimbatore.
- Participated in an One week ATAL sponsored FDP on “Sensors Technology ‘from 07.09.2020 to 11.09.2020 at Shri Vithal Educational and Research Institute College of Engineering,Pandharpur

- Participated in an One week ATAL sponsored FDP on “Wearable Devices “from 14.09.2020 to 18.09.2020 at Kongu Engineering College
- Participated in AICTE Sponsored STTP on Recent Trends in Computational Intelligence for Health Care Monitoring Systems” from 12th to 17th October,2020 at Bannari Amman Institute of Technology
- Participated in International webinar of “Internet of Drone Things” at Surya Engineering College ,Erode on 27th October,2020
- Participated in AICTE sponsored STTP on “Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application from 26.10.2020 to 31.10.2021
- Attended an One Week Quality Improvement Programme organised by National Institute of Technical Teachers Training and Research on “Industrial Automation” from 14.12.2020 to 18.12.2020

Award Details

- R.Vinoth Kumar,D.Deivasigamani,N,Kavitha and P.Shakthipriya **Received Best Paper Award** for the paper titled “SCADA based Real Time Monitoring and Control for Process Control Plants using Industrial IoT ”, in 4th National Conference on Current & Emerging Process Technologies (e-CONCEPT 2021) at Kongu Engineering College, Erode on February 20, 2021.

7. Mrs.N.Kavitha, Assistant Professor- EIE Dept

Event Details

- Coordinator for the webinar entitled “ Factory automation and Industry 4.0” organized by EIE department of HICET on 06.02.2021 with Mr.Akhil Patnaik, Assistant Manager, Hyundai Motors,Chennai, as the resource person.
- Coordinator the webinar entitled “Intellectual Property Rights and IP management for Startup” organized by EIE department in association with students chapter of Instrument Society of India (ISOI) and Institutions Innovative Council (IIC) on 18.02.2021. The resource person was Mr. V.S.Gopal Director, Pedro Product Design, Coimbatore.

Publication Details

- ✚ R.Vinoth Kumar, D.Deivasigamani, **N.Kavitha** and P.Shakthipriya “SCADA based real Time Monitoring and Control for Process Control Plants using Industrial IoT”, is **Accepted for Publication in American Institute of Physics (AIP), SCOPUS,2021**

Certification Details

- Mrs.N.Kavitha have Successfully completed NPTEL course with **Elite Certification** during Sep-Dec 2020

Award Details

- R.Vinoth Kumar,D.Deivasigamani,N,Kavitha and P.Shakthipriya **Received Best Paper Award** for the paper titled “SCADA based Real Time Monitoring and Control for Process Control Plants using Industrial IoT ”, in 4th National Conference on Current & Emerging Process Technologies (e-CONCEPT 2021) at Kongu Engineering College, Erode on February 20, 2021.

Participation Details

- Attended three days international technical talk on “AI,Machine Learning and Renewable Energy Technology” from 1st to 3rd August at HICET
- Participated in AICTE sponsored One Week Online STTP on “Research Issues and Challenges in Deep Learning Based Medical Image Analysis and Medical Diagnosis” from 17.08.2021 to 22.08.2021 at Sri Ramakrishna Engineering College.Coimbatore.
- Participated in an One week ATAL sponsored FDP on “Sensors Technology ‘from 07.09.2020 to 11.09.2020 at Shri Vithal Educational and Research Institute College of Engineering,Pandharpur
- Participated in an One week ATAL sponsored FDP on “Wearable Devices “from 14.09.2020 to 18.09.2020 at Kongu Engineering College
- Participated in AICTE Sponsored STTP on Recent Trends in Computational Intelligence for Health Care Monitoring Systems” from 12th to 17th October,2020 at Bannari Amman Institute of Technology
- Participated in International webinar of “Internet of Drone Things” at Surya Engineering College ,Erode on 27th October,2020
- Participated in AICTE sponsored STTP on “Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application from 26.10.2020 to 31.10.2021

- Attended an One Week Quality Improvement Programme organised by National Institute of Technical Teachers Training and Research on “Industrial Automation” from 14.12.2020 to 18.12.2020
- Participated in an One week ATAL sponsored FDP on "Emerging Technologies in Healthcare: IOT, AI, Computational Neuroscience, Wearable Technologies" from 2021-1-18 to 2021-1-22 at L.D.College of Engineering, Ahmedabad.

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