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AUTUMN TRONICLES

(BI-ANNUAL EEE MAGAZINE)

JULY-DEC'20

TABLE OF CONTENTS

Sl.No	CONTENTS	Page no.
01	Editorials	4
02	About the Department	5
03	Vision & Mission, POs, PSOs	5-7
04	Seminars and Workshops	8-21
05	Club Activities	22-24
06	Conferences & Workshops	25
07	Patents filed and Published	26
08	Placements	27-28
09	Career Options	29-30
10	Alumni Feedback	31
11	Parents Feedback	31



MESSAGE FROM CHAIRMAN

It's pleasure to present my views for the biannual EEE magazine for Autumn Tronicles 2020. The Department of Electrical and Electronics Engineering has always been one of the most active and happening Departments of our Institute and has brought us lot of pride over the past. The Institute as a whole has been undergoing very drastic reforms in terms of curriculum updation and course structure.

The EEE Department has taken up these readily which we hope will work for the benefit of the students. The new course plans have been applied to some of the senior years in UG apart from the first years as well, and we look forward to the feedback on the same to ensure we're moving on the right path. It is always good to see the students bring out their creative and hidden talents in any form and this would be a perfect platform for the students of the Department. This would also serve as an apt magazine for the sharing of technical articles by faculty and students from their respective areas of research. All the very best.



- DR. MOHAN MANGHNANI

MESSAGE FROM PRINCIPAL



- DR. MANJUNATHA

At NHCE, We understand that the need to teach beyond curriculum so as to make our students 'Industry Ready'. Recent observations made by many stalwarts in the industry indicate the fact that a majority of Engineering Graduates out of colleges are not employable. NHCE has always been in the forefront in ensuring that students are employable.

It gives me immense pleasure to pen a few words as prologue to the in-house magazine of the EEE department, Autumn Tronicles 2020. The issue is designed to present the events that have occurred as well as technical write-ups which makes the issue resourceful and informative. I congratulate all the contributors and also editorial board for bringing out such a nice issue. Happy Reading.



MESSAGE FROM HEAD OF DEPARTMENT

It is my pleasure to pen my views for release of this semester issue of “Autumn Tronicles 2020”. I am extremely delighted to acknowledge that the editorial team has done a stupendous job of subsuming all the key events which have taken place over the course of last few months. To Top it off, this Magazine includes major events witnessed by our department as well as Engineering Advances in the Electrical Field.



- DR. MAHESH M

The essential objective of the Technical Magazine is to inform, engage, inspire and entertain a diverse readership – including students, faculty, parents and alumni- with a timely and honest portrait of our department activities. This issue has made an earnest attempt in this direction and all the credit for its success falls upon faculty and students who have worked with dedication and enthusiasm to bring the issue forward. I convey my regards to all the readers.

MESSAGE FROM FACULTY ADVISOR



- DR. S. SUJITHA

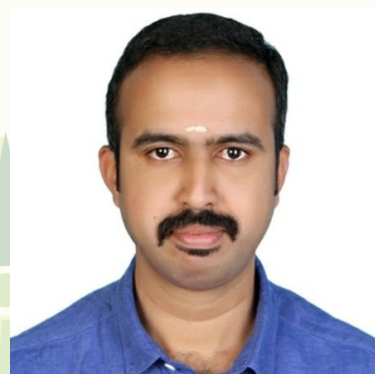
On Behalf of the Team, I am delighted on the launch of the issue of “Autumn Tronicles 2020”, on the eve of currents. The Clubs of EEE Department has played its instrumental role, this academic year as well, alike the previous years, through the year long activities of various workshops and social events.

The EEE Magazine has been experiencing a paradigm growth in the recent past and is now taking a new shape as a technical magazine adding a new flavour every year. I appreciate this initiative and wish whole heartedly that Spring Tronicles accomplish greater heights and wider reach. With no doubt I aspire the EEE students to take this association and the magazine to an elevated horizon. Wishing you a very great and successful venture ahead.



MESSAGE FROM FACULTY ADVISOR

Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and a college magazine is the perfect amalgamation of both. It harnesses the creative energies of the academic community and distils the essence of their inspired imagination in the most brilliant way possible. Hence, I am highly privileged to know that New Horizon College of Engineering, EEE department magazine “Autumn Tronicles” is ready for publication.



- MR. VINOD KUMAR S

“Autumn Tronicles” provides an intersection of great challenge and great opportunity for the students to review their efforts and to analyze their achievements in all areas of skill development. Technology is evolving at a dizzying rate and our classrooms may not be designed to keep pace with it.

I congratulate the team of students for their tireless efforts that have come to fruition in the form of this magazine. I wish it all success and hope that this tradition that has been set by the current students will be carried through by the following generation of students to come.



EDITORIAL TEAM



Dr. S. SUJITHA
Faculty Advisor



Mr. VINOD KUMAR S
Faculty Advisor



Ms. M ROHITH KUMAR REDDY



Ms. YASHVANTHA P



Ms HARSHITHA R



Mr. MANOJ KUMAR H V



Ms JHANSIPRIYA W Y



Ms. RACHNA PALLI



Ms. MEGHANA S

AUTUMN TRONICLES | JULY-DEC '20



ABOUT THE DEPARTMENT

Electrical and Electronics Engineering is a continuously evolving branch of engineering. As technology has advanced, so have the challenges facing the modern engineer. EEE is a subject that naturally partners with other disciplines with whole new engineering avenues. From the very inception of the college in 2001, the Department of EEE offers four-year full-time B.E program under three variants Global, Professional and Executive, affiliated to VTU with the intake of 60 students, now boast of 120 students per year.

The Department is equipped with all the required laboratories, infrastructure, and classrooms. The B.E Degree program is designed to achieve a balance between depth of knowledge acquired through specialization and breadth of knowledge gained through exploration. The undergraduate degree courses offered by department provide a comprehensive foundation in the core topics of EEE coupled with an area of specialization relevant to emerging engineering challenges.

The curriculum has been designed to create professional electrical and electronics engineers, who can serve the fields of core Electrical Engineering, information and communication systems, and other related fields.

VISION & MISSION

To evolve into centre of excellence in Electrical and Electronics Engineering for bringing out contemporary engineers, innovators, researchers, and Entrepreneurs for serving nation and society.

To provide suitable forums to enhance the teaching – learning, research, development activities.

Framing and continuously updating the curriculum to bridge the gap between industry and academia in the contemporary world and serve society.

To inculcate awareness and responsibility towards the environment and ethical values.



PROGRAM OUTCOMES (POs)

Electrical and Electronics Engineering Graduates will be able to:

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.



Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: Graduates will be able to solve real life problems of power system and power Electronics using MiPower, PSPICE and MATLAB software tools and hardware.

PSO 2: Graduates will be able to develop and support systems based on Renewable and sustainable Energy sources.



Seminars and Workshops

FDP on “Recent trends and research perspective on electrical drives, power electronics and power system”



Department of Electrical and Electronics Engineering
Online Faculty Development Program on “Recent Trends and Research Perspectives on Electrical Drives, Power Electronics and Power System”
Date: 9/6/2020 – 12/06/2020
[Speakers list](#)

Date	Time	Duration	Speaker	Topic
9/06/2020	(9 to 10:30 AM)	90 Minutes	Mr.R Mukesh, Apeiron Mobility, Bengaluru	Life cycle of Power Electronic Product: A Deep Insight
10/06/2020	(3 to 4:30 PM)	90 Minutes	Mr.V.K.Arun Shankar, Testing Engineer, Danfoss Drives Segment – R&D Division, Sri perumpudhur, Kancheepuram (dt), Tamil Nadu.	Research Perspective on Variable Frequency Drives (VFD) for Centrifugal Pumps – An overview
11/06/2020	(10 to 11:30 AM)	90 Minutes	Dr Chinmaya K A Postdoctoral Research Scholar, School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore.	Research in Power Electronics: A Contemplation of Past and Future
12/06/2020	(10 to 11:30 AM)	90 Minutes	Dr. Tribhuvan Penthia, Ph.D., IEEE Member (USA) Post-Doctoral Fellow, Zhejiang University, China.	The Role of Solid-State Transformer in Power Distribution System

Faculty Coordinators
1.Dr.J Prashanth Ram , Sr-AP/EEE, NHCE,
2.Ms.Viji, Sr-AP/EEE, NHCE,
3.Mr.Lithesh, AP/EEE, NHCE

Contact :
+91 89030 26133, Participation fee: Rs.100/-
+91 91646 09997, All registered participants will get E-certificates
+91 94811 01706, Participants are limited to 300. Register today.

Register at: <https://forms.gle/oFD1ZKWL1shEMbgg8>

Date: 09/06/2020

Time: 09:00 am

The role of power electronics on our society in the future will tend to be as important and versatile as that of information technology today.

The recent advances of power semiconductor devices, converters, variable-frequency AC drives, and advanced control and estimation techniques will be reviewed.

Webinar on “Research Opportunities in Electrical Mobility – Towards Complete EV Fleet Development”



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS WEBINAR ON
RESEARCH OPPORTUNITIES IN ELECTRICAL MOBILITY

Dr.C.Bharatiraja
M.E,Ph.D., PDF (USA and ZA)
BASE Fellow
Associate Professor
Department of EEE
SRM University, Chennai

9 June 2020
10:30AM to 12:30PM

REGISTRATION LINK
<https://forms.gle/t23Q1LXpSH1Q3acQ9>

Faculty Coordinators
S.Inbasakaran & Lithesh.J
9686605679 9164609997

Key Benefits
E-Certificates will be provided

NO REGISTRATION FEE*

Date: 09/06/2020

Time: 10:30 am To 12:30 pm

Your paraAnalysis of real-world trip and charge data from an electric vehicle (EV) fleet.

Indian position to pursue an EV policy which systematically ensures that India's EV program keeps pace with the global scale since large economies seem to take significant steps towards electrification of vehicles



Webinar on “The Immutable force of Blockchain Technology”

Date: 08/06/2020 To 08/06/2020

Time: 10:00 am To 11:30 pm

IEEE BANGALORE SECTION **NEW HORIZON COLLEGE OF ENGINEERING** **50th Anniversary** **IEEE NHCE STUDENT BRANCH**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
FREE Webinar on
“The Immutable Force of Blockchain Technology”

8th JUNE Date:- 08/06/2020
Time:- 10:00 am to 11:30 am
Duration:- 90 Minutes

REGISTER FOR FREE

Registration form:
<https://forms.gle/37EWd5DuiDpBS2vD8>

Dr. Anand R
Assistant Professor (Sr.Gr)
Dept of Electrical & Electronics Engineering
Amrita School of Engineering,
Bangalore

E-Certificate

Session link will be shared to registered e-mail
Faculty Co-Ordinator: Dr. Ramkumar S HoD-EEE
Ms. Deepa V Bolanavar :- +91 88844 25336 Mr. Mohan B S:- +91 81234 06405

Blockchain technology has many potential use cases for enterprises. The simplest, and perhaps best known, is as a substitute for state-issued money. Bitcoin, Ethereum and other cryptocurrencies have been touted as a means to expedite electronic payment and to make cross-border remittance without bank intermediaries possible.

Webinar on “Battery Management System for Electric Vehicle”

Date: 13/06/2020 To 13/06/2020

Time: 11:00 am To 12:30 pm

IEEE BANGALORE SECTION **NEW HORIZON COLLEGE OF ENGINEERING** **IEEE NHCE STUDENT BRANCH**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes
WEBINAR
on
BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE

FREE REGISTRATION

Dr. SANJEEV K. NAYAK, Ph.D (NITK SURATKAL)
SPECIALIST AUTOMOTIVE DIVISION
L&T TECHNOLOGY SERVICES
BANGALORE

13th JUNE DATE: 13/06/2020
TIME: 11:00 AM

ORGANIZING COMMITTEE
MUNI PRAKASH T +91 970487 1205
VINOD KUMAR S +91 97510 15185
SUNIL S K +91 97429 48894

CERTIFICATE WILL BE PROVIDED FOR ALL ACTIVE PARTICIPANTS

Careful design considerations on charging and discharging processes on battery protection and cell monitoring will support you throughout your design. Design resources for a battery management system, help you to overcome your design challenges and support your success in developing more efficient, longer-lasting and more reliable battery-powered applications.



"Webinar on “Wearable Electronics for Medical & Defence Applications”

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes
INTERNATIONAL WEBINAR
on
WEARABLE ELECTRONICS FOR MEDICAL & DEFENCE APPLICATIONS

DR. L. ASHOK KUMAR
Ph.D., PDF (San Diego State University, California),
INDO-US BHAVAN Fellow Ship
SYST Fellowship DST
Chairman of Indian Association of Energy Management Professionals
National Award from ISTE
Professor, Department of Electrical and Electronics Engineering,
PSG college of Technology Coimbatore.

SPEAKER

*E-CERTIFICATE WILL BE PROVIDED FOR ALL ACTIVE PARTICIPANTS

ORGANIZERS
VINOD KUMAR S +91 97510 15185
MOHANDAS R +91 9786584737

REGISTRATION FEE: RS.100*
REFER GUIDELINES FOR ONLINE PAYMENT** <https://forms.gle/HUnt9qsnQzZTFKHG9>

12/06/2020 @ 10:00 AM

Date: 12/06/2020 To 12/06/2020

Time: 10:00 am To 12:30 pm

The concept of battlefield and military operations has changed significantly over the years due to technological revolutions. The nature of support provided by sensor technologies could be wide ranging from simple sensors to AI-based tools for real-time intelligence sharing and decision support.

However, with continuous technological advancements in the fields of wireless sensors, the Internet of Things (IoT), robotics, cognitive sciences, image sensors, wearables and nanotechnology, sensors have a huge potential and can be explored further for military applications.

Webinar on “Sensors and Instrumentation”

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT
AN INTERNATIONAL WEBINAR
ON
"SENSORS AND INSTRUMENTATION"

By:
Dr. K UDAYKUMAR
Deputy Director CUIC
Professor
Department of Electrical Engineering
Anna University

On 11 June 2020,
At 10.30 AM

Registration fee 100/-

<https://forms.gle/CK3Q7Yd3faQYXcs2A>

e-Certificate will be provided

Organizers:
Prof. Deepa V B, 8884425336
Prof. Rashmi N, 9902390071

Dr. Ramkumar S
HOD,EEE

Date: 11/06/2020 To 11/06/2020

Time: 10:30 am To 01:30 pm

Fundamental properties for researchers wish to measure. Test equipment for the optical communications industry, materials characterization systems, support electronics and all manner of sensors and detectors for discussion.



Webinar on “Personal Finance for faculty in Engineering colleges”

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Department of Electrical and Electronics Engineering

Webinar on

04-06-2020 **10.30 am to 12.00 pm**

PERSONAL FINANCE FOR FACULTY IN ENGINEERING COLLEGES

Resource Person

Dr. Ranganath Muthu
PriyaFincorp Founder
Ex-President of ISA South India section
Ex-Vice-President of IEEE control Systems Society Madras,
Prof SSN college of Engg (Retd)
IEEE Society Chairman

Registration link : <https://forms.gle/4we63FzE26c16yFFA>

REGISTRATION FREE & E-CERTIFICATE

Session link will be shared to registered e-mail

Faculty Co-coordinators : Dr. Ramkumar . S HoD-EEE
J. Joshua Daniel Raj +919019347627
S. Ramakrishnan +918608719650

Date: 04/06/2020 To 04/06/2020

Time: 10:30 am To 12:00 pm

COVID-19 Crisis Poses Threat to Financial Stability.

Universities and schools across the country have been closed since March 16 when the central government announced a countrywide classroom shutdown as one of the measures to contain the COVID-19 outbreak.

Discussion on personal finance for faculty in engineering colleges.

Webinar on “Design of Digital audio playback system for embedded applications”

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50th Golden Jubilee
YEARS OF EXCELLENCE IN EDUCATION
Established in 1970

WEBINAR ON

07.06.20 | 4 pm - 5 pm

Design of Digital Audio Playback System for Embedded Applications

Speaker: Mr. SreeRaj, Emcog Solutions, Chennai

**Coordinators: Dr. S. Ramkumar, HoD-EEE
Mr. J. Joshua Daniel Raj +919019347627
Mr. S. Ramakrishnan +918608719650**

FREE E-CERTIFICATE

Reg link: <https://tinyurl.com/NHCEembedded> Sp Adobe Spark

Date: 07/06/2020 To 07/06/2020

Time: 04:00 pm To 05:00 pm

Discussion on how the video is playing increasing important role in making a digital product successful. To know some of market facts and trends on importance of video in electronics systems.

Discussion on how ARM and MIPS processors are capable of handling audio and video effectively and so is gaining popularity in use for various convergence application.



Webinar on “Modeling Electrical Systems Using Simulink”

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Department of Electrical and Electronics Engineering
Webinar on Modeling Electrical Systems Using Simulink

Title Modeling Electrical Systems Using Simulink

Topics

- Introduction to Model Based Design
- Model Building with Simulink
- How to use Simulink to test components and subsystems
- Analysis of RL Circuit Model.
- Build and Analyse Motor Control Algorithms.
- Electric Power Converter
- Scope for Electrical Systems

SPEAKER Mr. Raksith
Sr. Application Engineer

Faculty Co-Ordinator: Dr. Ramkumar S, HoD-EEE

12 JUNE **Time:** 10:00 am to 01:00 pm

FREE Register Now

Ms. Roopa C :- +91 90365 51500 **Mr. Mohan B S:- +91 81234 06405**

Date: 12/06/2020

Time: 10:00 am

Modeling Electrical Systems Using Simulink

Introduction to Model Based Design, Model Building with Simulink, How to use Simulink to test components and subsystems, Analysis of RL Circuit Model, Build and Analyse Motor Control Algorithms, Electric Power Converter and Scope for Electrical Systems

Hands-On workshop Introduction to Matlab and Simulink

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Department of Electrical and Electronics Engineering & Electronics and Communication Engineering
In association with CoreEL Technologies, Bangalore

ORGANIZING

Hands-On workshop “Introduction to Matlab and Simulink”

SPEAKER Mr. Raksith
Sr. Application Engineer

Faculty Co-Ordinators:
Dr. Ramkumar S, HoD-EEE
Ms. Roopa C :- +91 90365 51500
Mr. Mohan B S:- +91 81234 06405

Dr. Sanjeev Sharma, HoD-ECE
Mr. G Rajesh:- 8919002384

16 JUNE **Time:** 02:30 pm to 04:30 pm

FREE Register Now

Date: 16/06/2020 To 16/06/2020

Time: From: 02:30 pm To 04:30 pm

Modeling Electrical Systems Using Simulink.

Introduction to Model Based Design, Model Building with Simulink, How to use Simulink to test components and subsystems, Analysis of RL Circuit Model, Build and Analyse Motor Control Algorithms, Electric Power Converter, Scope for Electrical Systems and Matlab over Mobile.



Webinar on “Intellectual Property Rights”



IEEE **NEW HORIZON COLLEGE OF ENGINEERING** **50th** **IEEE NHCE**

Department of Electrical & Electronics Engineering
One Day Workshop on
INTELLECTUAL PROPERTY RIGHTS

Date: 17th June

FREE **Register Now** **17th** **Two Session**

Dr. Balaji Devarajan
IP Consultant
Prof, KPR Institute of Technology, Coimbatore

Adv. Jebakumar Samuel
MS (IITM), LLB, IP Attorney and
Registered Indian Patent Agent
Manager, Molecular Connections
Pvt Ltd, Bangalore.

Session 1-
10:00am to 1:00 pm
Session 2-
2:00pm to 4:00 pm

Session link will be shared to registered e-mail/WhatsApp
Faculty Co-Ordinator: Dr. Ramkumar S HoD-EEE
Ms.Roop C :- +91 9036551500 & Mr. Mohan B S:- +91 8123406405

Date: 17/06/2020

Time: 10:00 am

What is intellectual property. Understanding Copyright and Related Rights | Understanding Industrial Property. WIPO Intellectual Property Handbook - a comprehensive guide to the policy, law and use of IP. Rules related to India.

Webinar on “Industrial Automation and SCADA”



Schneider Electric **NEW HORIZON COLLEGE OF ENGINEERING** **50th**

Department of Electrical and Electronics Engineering
&
Industry Institute Interaction Cell (Dept of HRD)
INDO FRENCH CENTRE OF EXCELLENCE IN ELECTRICITY, AUTOMATION AND ENERGY
International Webinar on
Industrial Automation and SCADA
by
Mr. Mahesh Pundir
Deputy Manager
Advanced Technical Support & Training Center-India
Schneider Electric India

June 18, 2020
IST 11.00am-12.30pm

Register for Free

Organizers:
Prof. Deepa V Bolanavar- 8884425336
Prof. Satish Kumar D- 9036488496
Dr. Ramkumar S
HoD-EEE
Mr. Ranjan Manish
Head-IIRC

Date: 18/06/2020 To 18/06/2020

Time: 11:00 am To 12:30 pm

Motion Control products for automation solutions include motion controllers, drives, motors and robotics. Add Intelligence to Motor Control. Discover how to optimize operational performance of LV motors through advanced protections and embedded intelligent functions.



Webinar on “Renewable Energy Sources”



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
organizes
INTERNATIONAL WEBINAR
on
RENEWABLE ENERGY RESOURCES-AN OVERVIEW

RESOURCE PERSON
Mr.SELVA KUMAR
HEAD,ENGINEERING & DESIGN,
POWER PROJECTS,CHENNAI

DATE & TIME
14/06/2020
10:00 AM

REGISTRATION LINK *

<https://forms.gle/rZ2ZTRFmDZBzdicY6>

ORGANIZERS
VINOD KUMAR S +919751015185
SINGARAVELAN A +918870411118
MOHANDAS R +919786584737

FREE REGISTRATION *

IEEE BANGALORE SECTION
IEEE NHCE STUDENT BRANCH

Date: 14/06/2020 To 14/06/2020
Time: 10:00 am To 12:30 pm

Webinar to learn more about how renewable energy mini/micro grid projects can be developed and be financed. Challenges, opportunities and best practices to assist project developers in developing power projects

Five Days International Webinar series on “Emerging Green Technologies for Smart Cities: Challenges and Opportunities”



NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru - 560 103

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
Coimbatore - 641 402

Department of Electrical and Electronics Engineering

NHCE and RVSCET jointly organise
Five Days International Webinar Series
on
Emerging Green Technologies for Smart Cities: Challenges and Opportunities
(16.06.2020 to 20.06.2020)

16.06.2020(Tuesday):10:30 am to 11:30 am IoT Governance, Privacy and Security Issues in Smart Cities Dr.K.Baskaran Head-EEE Alagappa Chettiar Government College of Engineering and Technology Karaikal.	19.06.2020(Friday):10:30 am to 12:30 pm Artificial Intelligence,Transport & UAV in Smart Cities Dr. Wan Maslina Wan Mohamed Head, Training, & Continuous Professional Development MTRANS, Universiti Teknologi MARA, Shah Alam, MALAYSIA and Dr. Rizal Effendy Mohd Nasir Senior Lecturer Faculty of Mechanical Engineering, Universiti Teknologi MARA, Shah Alam, MALAYSIA
17.06.2020(Wednesday):10:30 am to 11:30 am Cloud Technologies & 5G in Smart Cities Mr.P.J.Karthikeyan Governance Manager Cognizant Technology Solutions,USA	20.06.2020(Saturday):10:30 am to 11:30 am Sustainable Energy Integration in Smart Cities Dr. Kamrul Hasan UTM Solar Energy Research Institute (USERI) Universiti Teknologi MARA, Shah Alam, MALAYSIA
18.06.2020(Thursday):10:30 am to 11:30 am Biomass Renewable Energy for Smart Cities Dr.S.Kamaraj Director, International Institute of Renewable Energy, Coimbatore	

Convenor
Dr.S.Ramkumar
Prof & Head/EEE/NHCE
Dr.S.S.Sivaraju
Prof & Head/EEE/RVSCET

Coordinators
Dr.B.Gunapriya
Asso.Prof/EEE/NHCE
Mr.T.Senthil Kumar
AP/EEE/RVSCET

Contact Number: 9994171297, 9751777313
Registration Link: <https://forms.gle/2CGokCuDa0zCzZ2t6>

Date: 16/06/2020 To 20/06/2020
Time: 10:00 am To 12:30 pm

An analysis of the most interesting initiatives at the international level pursued by cities investigating the three main areas of Green Buildings, Smart grid-Smart lighting, and Smart mobility is given, with the objective to offer a broad reference for the identification of development sustainable plans and programs at the urban level within the current legislative framework.



Webinar on “Recent Trends in DC-DC Power Converters”

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Department of Electrical and Electronics Engineering
Webinar on
RECENT TRENDS IN DC-DC POWER CONVERTERS

SPEAKER
Dr. K. Ramash Kumar
Associate Professor/EEE
Dr. N.G.P Institute of Technology
Coimbatore

JUNE 10, 2020
10.30AM to 12.00PM

Free Registration & E-certificate

Faculty Co ordinators
Dr Ramkumar S HoD-EEE
Karthika M 9964098228
Kavitha Ch 9620870621

<https://forms.gle/vSJVT3wsmssmfyAp8>

Date: 10/06/2020 To 10/06/2020

Time: 10:30 am To 12:00 pm

Discussion on the rising demand for environment friendly electric vehicles is driving the growth of DC-DC Converters market. The demand is increasing among customers due to its exceptional benefits such as minimized amount of noise, immediate torque, premium performance, maintenance cost, and lower fuel thus growth of DC-DC Converters market.

International Webinar on “Intelligent Control Systems”

IEEE BANGALORE SECTION
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
Presents
INTERNATIONAL WEBINAR
on
INTELLIGENT CONTROL SYSTEMS

Topics to be covered
Closed loop control using ANN
Fuzzy controller design
Optimization Techniques

SPEAKER
Dr. S. ALBERT ALEXANDER Ph.D., PDF (USA), SMIEEE,
UGC - Raman Research Fellow
MHRD - National Level Teaching Innovator Awardee, 2019
AICTE - Margadharshak
Mentor for Change - Atal Innovation Mission
Vice President, Energy Conservation Society, India

REGISTRATION LINK
<https://forms.gle/pEpswPzjN9R3xWYM6>

FACULTY COORDINATORS
SATISH KUMAR D & VINOD KUMAR S
+9190364 88496 +91 97510 15185

***E-CERTIFICATE WILL BE PROVIDED**
NO REGISTRATION FEE*

Date: 29/05/2020 To 29/05/2020

Time: 10:00 am To 01:00 pm

Discussion on, Closed loop control using ANN, Fuzzy controller design and Optimization techniques. Control systems design, modelling, identification, and operation that use artificial intelligence techniques, such as fuzzy logic, neural networks, machine learning, evolutionary computation, and genetic algorithms.



“Online Hands-on Workshop using MATLAB & SIMULINK Research Perspective”.

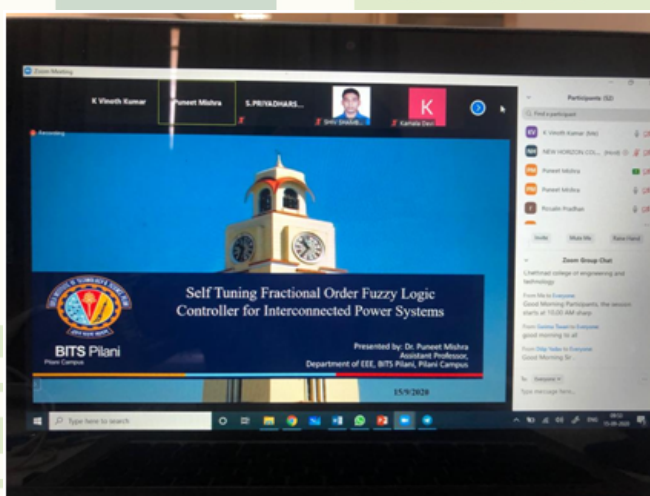


Date: 01.09.2020 - 04.09.2020

Time: 10.00 AM

Department of EEE organized 4-Days Online Hands-on Workshop using MATLAB & SIMULINK Research Perspective, from 1st to 4th of September 2020, in two Session from 10 AM to 12 PM & 2 PM to 4 PM for Research Scholars and faculty of all the engineering colleges. Simulation is a key part of the Power Electronics and Electric drives design and analysis process. It helps the design engineer to have a better understanding of the circuit operation and possible problems can be discovered in the early phase of the design process. The workshop is to facilitate the modeling of Power Electronics and Drives using MATLAB and SIMULINK in an elegant way and to enrich the participant's technical skills and was conducted successfully certificates are provided to participants

“Faculty Development Programme on Research Challenges in Renewable Energy Technologies – RCRET-2020”.



Date: 14.09.2020

Time: 10.00 AM

The seven days Faculty development programme focused on Recent advances in Smart Grid Technologies, Intelligent Controller in Solar Energy, Research Challenges in Wind Energy Conversion Systems, Integration of Renewable energy sources to Grid, Machine Learning for Smart Grid, An insight to VFD based centrifugal pump efficiency improvements.



Three days Hands-on Workshop on “Introduction to Data Entry/Analysis using Microsoft Excel & Introduction to Arduino Embedded System.



From: 27-10-20 To 29-10-20

From: 10:30 am To 4:30 pm

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru organized successfully a Three days Hands-on Workshop on “Introduction to Data Entry/Analysis using Microsoft Excel & Introduction to Arduino Embedded System.” during October 27 - 29, 2020.

National Workshop on “Research Challenges in Advanced Power Converters for Electrical Engineering Applications”- EEE Dept

NEW HORIZON COLLEGE OF ENGINEERING
Bengaluru 560103, Karnataka, India

Department of Electrical and Electronics Engineering

Organizing
National Workshop on
“Research Challenges in Advanced Power Converters for Electrical Engineering Applications”
RCAPCEA-2020

27.10.2020 – 29.10.2020
Registration: Free Last Date of Registration: 24th October 2020 E-Certificates will be provided
Registration Link: <https://forms.gle/jckz9bhkmbU7P3hg9>

Organizing Committee	Topics to be covered
Chief Patron Dr. Mohan Mangharam, Chairman, New Horizon Educational Institutions	♦ Energy Saving Scheme in Induction Motor Drives
Patron Dr. Manjunatha, Principal, NHCE	♦ Advanced Power Converters Topology for Electric Drive Applications
Convener Dr. M. Mahesh, Professor & HoD, RBE	♦ Advanced motion control in Robotics
Coordinators Dr. Vinod Kumar, Associate Professor Dr. B. Gangappa, Associate Professor	♦ High Step-Up DC-DC Converters
	♦ Solar Power Inverters for Water Pumping Systems
	♦ Role of Data Mining and Artificial Intelligence in Industrial Drives

Resource Persons	Eligibility
Dr. S. Seethil Kumar, NIT, Trichy	Faculty Members, Research Scholars,
Dr. Selvaraj Kesavan, DKC Technology, Bengaluru	PG Students and Industry participants
Dr. M. Kowsalya, VIT University, Vellore	
Dr. S. Bertha Jayaprabha, Christ University, Bengaluru	
Dr. M. Prabhakar, VIT University, Chennai	
Dr. R. Suresh, SSN College of Engineering, Chennai	

Session Timings
FN : 11:30 AM – 01:00 PM
AN : 02:30 PM – 04:00 PM

Contact Details
The Coordinator – RCAPCEA-2020
Department of Electrical and Electronics Engineering, New Horizon College of Engineering,
Bengaluru 560103, Karnataka, India
Email ID: vinodh@krishtan@gmail.com

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru organized successfully a Three-Days online National Workshop Programme on “Research Challenges in Advanced Power Converters for Electrical Engineering Applications” during October 27 - 29, 2020 in association with IEEE NHCE Student Branch Chapter.

The objective of the programme was to bring the researchers and academic experts from reputed institutes of our country to a collective gathering for exchanging and sharing knowledge about the recent developments and research challenges in advanced power converters for electrical engineering applications.



E-MOBILITY in India” – National Webinar in association with “SKILL-SHARK Edu Tech – EEE Dept

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IEEE NHCE STUDENT BRANCH

Department of Electrical and Electronics Engineering

Organizing
National Webinar
on
"E-MOBILITY IN INDIA"
In Association with
SKILL SHARK

SPEAKER:
Mr. Ashhar Ahmed
Director, SkillShark Edu Tech
www.skillshark.in

TOPICS TO BE COVERED:

- Indian Transportation Industry overview
- Future of Mobility in India
- Global and Indian EV Market segmentation
- Types of Electric vehicles
- Key Market players o Indian EV Industry
- EV Ecosystem

DATE: 26/10/2020
TME: 11:00 AM to 12:30 PM (IST)

No Registration Fee
REGISTER HERE: www.tiny.cc/nhceeee

PATRON
Dr. Manjunatha
Principal, NHCE

CONVENER
Dr. Mahesh M
Professor & Head, EEE Department, NHCE

FACULTY COORDINATOR
Mr. D. Satishkumar - 9036488496
Sr Asst Professor, EEE Department, NHCE

**E-Certificate will be Provided to Registered Participants*

Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru, India organized successfully - National Webinar on "E-Mobility in India" In Association with SkillSharkEduTech Pvt Ltd

Topics Covered:

- Indian Transportation Industry Overview
- Future of Mobility in India
- Global and Indian EV Market Segmentation
- Types of Electric Vehicles
- Key Market Players of Indian EV Industry
- EV Ecosystem

Date: 26-10-20 To 26-10-20
Time: 11:00 am To 12:00 pm

Department of EEE organized “online Expert Lecture on Introduction to Matlab and Simulink”.

IEEE **NEW HORIZON COLLEGE OF ENGINEERING** **50th Anniversary** **IEEE NHCE** **MATLAB**

Department of Electrical and Electronics Engineering

Online Expert Lecture
on
Introduction to Matlab and Simulink
In association with **CoreEL Technologies**

Time: 11:00 am to 12:00 pm

Dr. M Mahesh
Professor & HoD –EEE

Event Organizers:
Faculty Coordinator:
Ms. Roopa C :- +91 90365 51500
Mr. Mohan B S:- +91 81234 06405

SPEAKER:
Mr. Rakshit
Sr. Application Engineer

CLICK HERE

E-Certificate of Completion

The Department of Electrical and Electronics Engineering, organized an online Expert Lecture on "Introduction to Matlab and Simulink" on 7th November 2020 through NHCE ZOOM online platform for around 60 EEE students are participated. This guest lecture provided the information about the usage of MATLAB/Simulink, Basics of MATLAB/Simulink and to solve simple and complex problems.

Date: 07.11.2020 To: 07.11.2020
Time: 10.00 AM To: 12.00 PM



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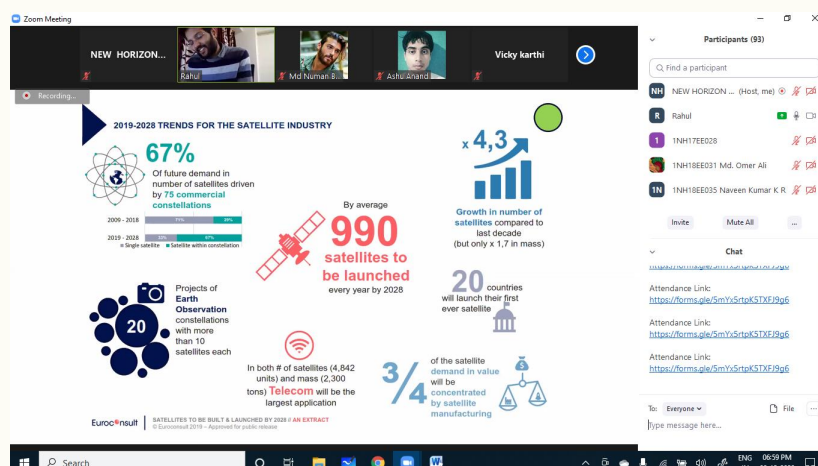
This workshop aimed to provide hands-on experience on the Hardware in the Loop (HIL) Emulator & Software. The registered participants received licensed version of Typhoon HIL software during the workshop & had an exposure to the energy applications like smart grid, renewable energy and distributed generation, etc. The workshop included practice sessions on the HIL real-time simulation, modeling of single-phase inverter, modeling and simulation of MPPT Boost Charger & Micro-Grid controllers.

“Guest Lecture on “Applications of Signal Processing”.

Date: 11.12.2020
Time: 10.00 AM To: 12.00 PM



International Webinar on “Low Earth Orbit Satellites”



Date: 08-12-2020 To 08-12-2020

Time: 18:00 To 19:00

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru organised an International Webinar on “Low Earth Orbit Satellites” on 08th December 2020, Tuesday from 06.00 PM to 07.00 PM. The objective of the programme is to bring the researchers and academic experts from reputed institutes of our country to a collective gathering for exchanging and sharing. The entire session is handled by a resource person Dr. Rahul Sharma K, Attitude & Orbit Control Engineer, Spacecraft Design Group, Axelspace Corporation, Tokyo, Japan and delivered a speech on a Low Earth Orbit Satellites is available with a wide range of industrial applications. He also mentioned that types of orbit, orbit altitudes of many significant satellites on earth, Keplerian orbital elements and Attitudes levels in several stages like detumbling, sun pointing, Nadir pointing and Ground station pointing. The entire session is very informative and enthusiastic manner in the area of space industry. The eminent expert from the Axelspace Corporation delivered the lecture and his talk has been very well received by the participants.

5-Days Research Conclave on Power Electronics.

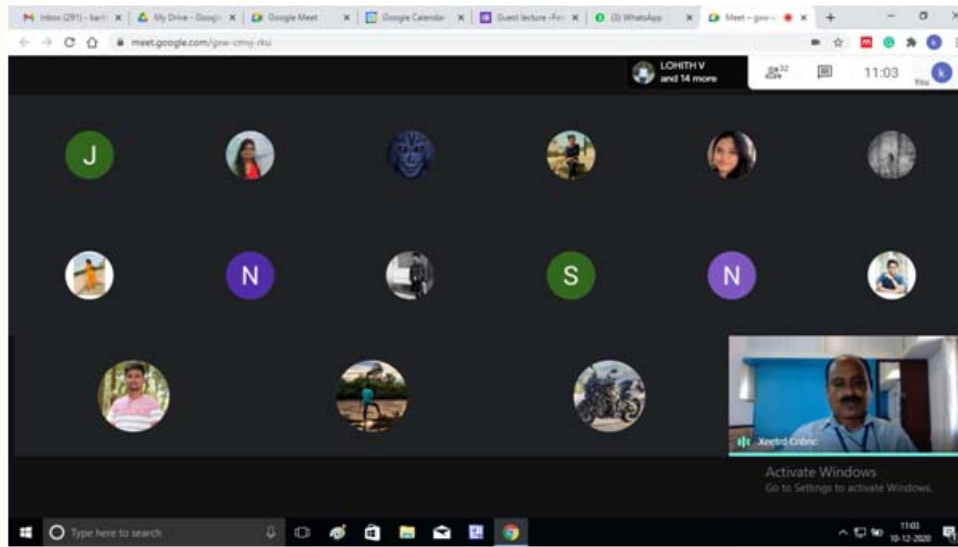
Date: 07-12-2020 to 12-12-2020

Excessive usage of electricity in the residential sector is the main reason for frequent peak demand in India. Proper implementation of Demand-Side Management (DSM) along with the Energy-Efficient (EE) method is an efficient way to address these peak demand issues.

Smart Grid Technologies can be an efficient tool to implement DSM and EE. There are plenty of opportunities available in the public and private sectors to those who know Smart Grid Technologies. In this context, it is important to motivate faculty and industry personnel to get trained on Smart Grid Technologies. This Short-Term Training Program would act as a platform to train the trainers on Smart Grid Technologies to help the students to have successful careers in the Smart Grid industry.



Guest Lecture On “Electric Traction Systems & Employment Opportunities In Indian Railways



The Department of Electrical and Electronics Engineering, organized a Guest Lecture On “Electric Traction Systems & Employment Opportunities In Indian Railways” on 10th December 2020 through Googlemeet online platform. This guest lecture is a part of a curriculum named Utilization of Electrical Energy(EEE741) for the VII semester students. The guest speaker was Mr C.T ANTO, Electrical Executive Engineer, Indian Railways, South Western Railway, Bengaluru. The speaker explained the practical concepts of electric traction and the traction control in Indian railways. He has given the details of employment opportunity in Indian railways which motivated the students in many aspects.



CLUB ACTIVITIES

Green Energy Club organized “War of Words –A Debate Challenged”

NEW HORIZON COLLEGE OF ENGINEERING
Department of Electrical and Electronics Engineering

War of words
Debate Competition

Date : 11th Nov
Time : 2pm

Faculty coordinator
Mr. Vinod Kumar S
For more details
CONTACT
Student coordinators
Bindhu V
9620362611
Bhavana Singh
9845189086

Free registration

Register using
<https://forms.gle/GpairkctCLRVnvSB9>

An opportunity to showcase your debating skills!!

E-Certificates will be provided to all participants

Conducted by
Green Energy Club,
Department of Electrical and Electronics Engineering

Date: 11-11-2020 To 11-11-2020

Time: 14:00 To 17:00

‘War of Words’ is a debate challenge that was conducted by the Green energy Club, Electrical and Electronics Department, on 11th November, 2020 to bring out the best of the participants, to acquire knowledge on various topics and enhance the participants’ communication and debating skills.

U-CREATE CLUB presents HULTPRIZE

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

U-CREATE presents
OnCampus
Hult IDEATHON-10

REGISTRATIONS ARE OPEN
UNTIL:- "19/11/2020" EOD
DAY 1 EVENT:- "20/11/20"
FROM:- 5-6 PM

E-certificates will be provided to participants

Give your idea a chance to win a recognition from the UNITED NATION AND BILL CLINTON FOUNDATION and win upto \$1M dollars of funding !!!!

Scan the QR code to register

FOR REGISTRATION:-
<https://forms.gle/M2nDfXsqft6x6tm77>
CONTACT:-
Abhisek: 9148082154
Nayrah: 8296648070
Siddhartha: 8390750471
Omer: 70972 42171

The event will be conducted in 3 rounds.
Team: min 3 & max 4
Winning team will compete further in regional and international rounds

Date: 20/11/2020 to 20/11/2020

Time: 05.00 pm To 06:00 pm

Hult on-campus selection is done by conducting an event which consists of several teams of 3-4 members each and each team would be put through several rounds and would be judged as per the criteria given by Hult and the team that wins the On-campus round move on to the Regional round and from there continue their journeys forward. The On-campus round can be conducted through online or offline mode whichever is convenient depending on the situation of the current pandemic.



Hult IDEathon 1.0 – Grand Finale



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Presents

HULT PRIZE

9 DEC 2020 10 AM ONWARDS

HULT IDEATHON-1.0 Grand Finale

BENEFITS FOR WINNERS

- Prizes worth ₹10,000
- International Certificate signed by Bill Clinton
- Internship Opportunities
- Letter of Recommendation
- Featured on college website, social media & local other media
- *E-Certificates will be provided to all the participants

www.hultprize.com/nhce

Contact: Siddhartha (8390750471), Omer (7097242171), Rachna (9448491015), Nayrah (826448070)

Date: 09-12-2020 To 09-12-2020

Time: 10:00 AM

Hult on-campus selection is done by conducting an event which consists of several teams of 3-4 members each and each team would be put through several rounds and would be judged as per the criteria given by Hult and the team that wins the On-campus round move on to the Regional round and from there continue their journeys forward. The On-campus round can be conducted through online or offline mode whichever is convenient depending on the situation of the current pandemic.

‘Soft Vidya’- Online Training Sessions on different Software tools for Electrical and Electronics Engineering applications.



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

E-Soft Club Presents A 9 Days Crash Course "Soft Vidya" From 11th November, 2020

Objectives:

- Understand the conceptual as well as practical knowledge of electrical domain & latest technologies being used to achieve the same.
- Learn the fundamentals of real time software & platform to work on.
- Learning various tools available for modelling & simulating different real time applications in Electrical & Electronics Engineering domain.

Abstracting the Electrical World
Dr. M Mahesh
Professor & HoD-EEE

Event Organizers:
Faculty Coordinators: Ms. Deepa V B-8884425336
Dr. Vinoth Kumar K-994440092

Student Coordinators:
Md. Sagar Khan, E-Soft Club-9942916221
Md. Numan Bhat, E-Soft Club-8861841901
Sarathak Das, E-Soft Club-9900702967
Prajwal, E-Soft Club-9535531890
I. Ashwini B, E-Soft Club-9850345281

Event Schedule:

Sl No	Resource Person	Date	Timing	Topic
1	Dr. Vinoth Kumar K	11-Nov-2020	04:00PM-05:30PM	LabVIEW
2	Dr. Vinoth Kumar K	20-Nov-2020	04:00PM-05:30PM	MATLAB Basics
3	Dr. Vinoth Kumar K	25-Nov-2020	04:00PM-05:30PM	Simulink Basics
4	Ms. Anitha A	27-Nov-2020	04:00PM-05:30PM	Simulink Basics
5	Dr. Guna Priya B	2-Dec-2020	04:00PM-05:30PM	Multisim
6	Dr. Singaravelan A	4-Dec-2020	04:00PM-05:30PM	Tinkercad/Proteus
7	Dr. Prabhakaran N	9-Dec-2020	04:00PM-05:30PM	MPLAB/Keil
8	Mr. Joshua Daniel Raj	11-Dec-2020	04:00PM-05:30PM	Xilinx
9	Ms. Deepa V Bolanavar	16-Dec-2020	04:00PM-05:30PM	Unity Pro

...not just software! ...not just for simulations!

Date: 11/11/2020 to 16/11/2020

The sessions were handled by Dr. Vitnothkumar, Dr. Gunapriya, Dr. Singaravelan, Dr. Prabhakaran Ms. Anitha A and Ms. Deepa V B on various software tools from 11 November 2020 to 16th December 2020 two days a week. The event was organized by Ms. Deepa V Bolanavar and Dr. Vinoth Kumar S under E-Soft club and coordinated by following student members of the club.

Md. Sagar Khan-Vice President, Ashwini L B-Treasurer

Md. Numan Bhat-Core Member,

Sarathak Das-Core Member

Prajwal- Core Member, Utkarsh K A- Core Member

The event was successfully completed with address by HoD Dr. Mahesh M and vote of thanks by Ms. Deepa V B



EEE department U- Create Club, HULT PRIZE Finale Results Announcement



Date: 16-12-2020 to 16-12-2020

Time: 4:00 PM

We are extremely proud to announce our HultPrize OnCampus Winner Team NAVONMESH comprising of Abhisek Bedant, Bharatdeep Hazarika, Sachin R and Devanshi Shrivastava

They will be representing NHCE Bangalore in the regionals INTERNATIONALLY and are one step closer to the Global Accelerator Programme.

EEE departments Green Energy Club conducted “GREEN FEST”



Date: 14-12-2020 To: 15-12-2020

Time: 14:00 To:16:00

‘GREEN FEST’ that was conducted by the Green energy Club, Electrical and Electronics Department, on 14TH AND 15TH of December,2020 to bring out the best of the participants, to acquire knowledge on various topics and enhance the participants’ communication skills, creative skills and their knowledge about various locations.



CONFERENCES

Sl.NO	Academic Year	Name of the Faculty	Conference Activity	Dates	Organization
1	2020-2021	Dr. Vinoth Kumar K	International Conference on Power Instrumentation, Control and Computing (PICC 2020)	17.12.2020 to 19.12.2020	Government Engineering College, Thrissur
2	2020-2021	Dr. Vinoth Kumar K	Virtual Global Summit Conference title: Artificial Intelligence: Responsible AI for Social Empowerment RAISE2020	05.10.2020 to 09.10.2020	Ministry of Electronics and Information Technology, Government of India
3	2020-2021	Dr. Vinoth Kumar K	International Conference on Robotics and Artificial Intelligence 2020 (RoAI 2020)	28.12.2020 to 29.12.2020	Indian Institute of Technology, Madras

WORKSHOPS

Sl.no	Year	Name of the faculty	Workshop	Date	Organization
1	2020-21	Dr. Vinoth Kumar K	Workshop title: The Development of the Energy Internet of Things (eIoT) in Green Energy Infrastructure	01.09.2020 to 05.09.2020	National Institute of Technology, Silchar
2	2019-20	Dr. Gunapriya B	Workshop on MATLAB and its Applications in Electrical Engineering	20th to 24th July 2020	SV College of Engineering, Tirupati
3	2019-20	Mr. Joshua Daniel Raj	Workshop on Understanding OBS Studio & Streamyard for E Content Creation and Live Streaming	10th & 11 July 2020	Dr. MGR Educational & Research Institute



PATENTS FILED AND PUBLISHED

Title of Patent	Faculty Members	Year of Application	Academic Year	Status
Non-Isolated Bi-directional converters with Coupled Inductor (NBDCCI) for Hybrid Electric Vehicle (HEV)	Krishnamurthy Vinoth Kumar	EEE 2020	2020-21	Published
An Efficient Air Conditioner with Self Sanitizing Techniques	Krishnamurthy Vinoth Kumar	EEE 2020	2020-21	Published
Detection of Rotor Faults on Asynchronous Motor Using Motor Current Signature Analysis and Instantaneous Power Analysis Method.	Krishnamurthy Vinoth Kumar Dr. B. Gunapriya	EEE 2020	2020-21	Published
An Improved Brain Emotional Learning-Based Intelligent Controller (BELBIC) Controller for PMBLDC Motor Drives using Emotional Learning Techniques	Dr. B. Gunapriya	EEE 2020	2020-21	Published
Solar Powered Electric Tricycle for Physically Challenged Persons	Dr. B. Gunapriya	EEE 2020	2020-21	Published

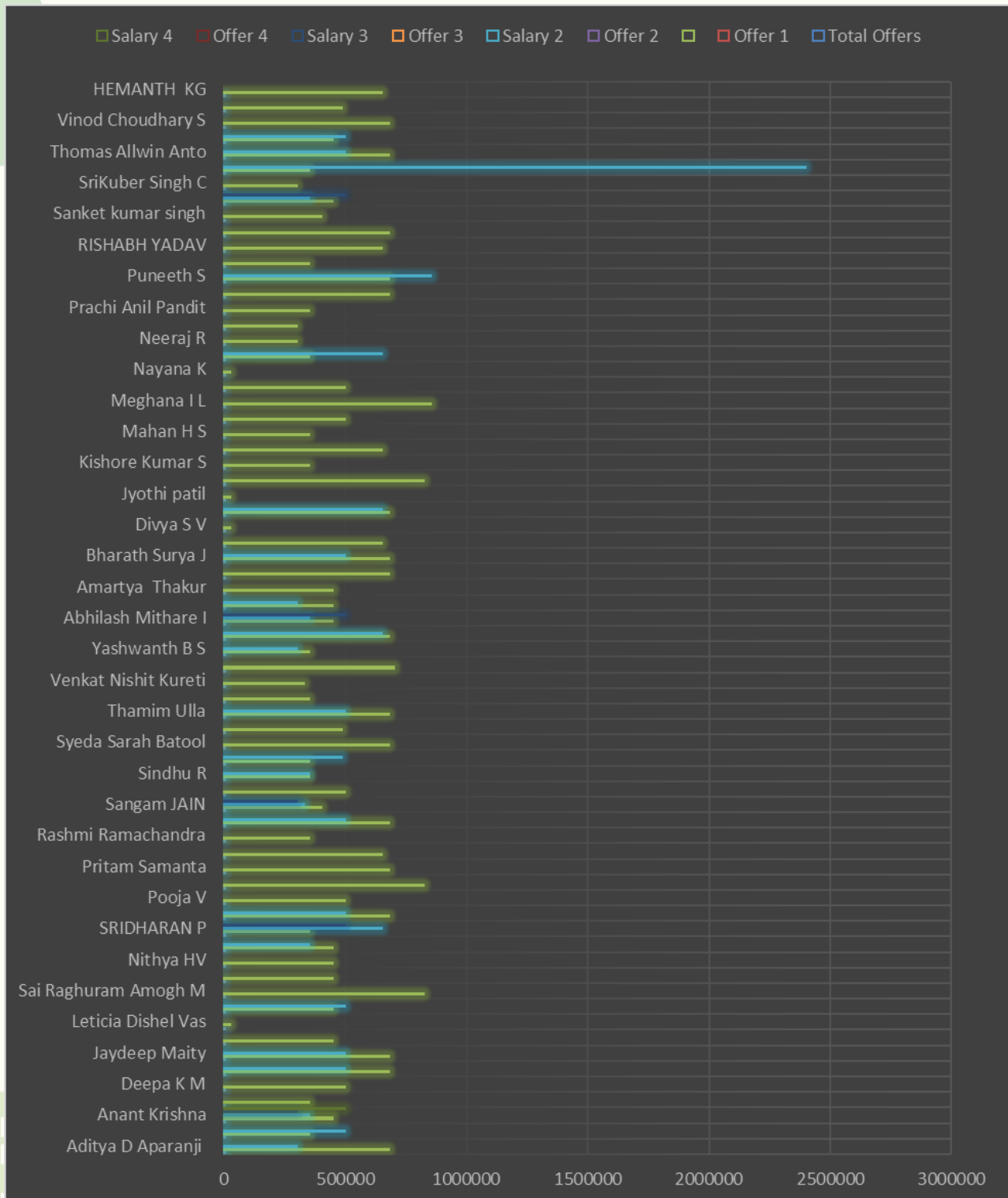


PLACEMENTS

Registration Number	Name	Total Offers	Offer 1	Offer 2	Offer 3	Offer 4
1NH17EE001	Aditya D Aparanji	2	Capgemini	TCS	-	-
1NH17EE002	Anagha v	2	Tudip Technologies Pvt Ltd	VERZEO Edutech	-	-
1NH17EE003	Anant Krishna	4	Cognizant	INFOSYS	TCS	BOSCH
1NH17EE006	Ankur Yadav	1	NTT Data Services	-	-	-
1NH17EE011	Deepa K M	1	BOSCH	-	-	-
1NH17EE013	Dushyanth Kumar U	2	Capgemini	BOSCH	-	-
1NH17EE022	Jaydeep Maity	2	Capgemini	BOSCH	-	-
1NH17EE027	SAI HEMANTH REDDY K	1	Cognizant	-	-	-
1NH17EE028	Leticia Dishel Vas	1	CBRE	-	-	-
1NH17EE029	Lohith V	2	Cognizant	BOSCH	-	-
1NH17EE030	Sai Raghuram Amogh M	1	LOWE'S India	-	-	-
1NH17EE031	Manasa G	1	Cognizant	-	-	-
1NH17EE035	Nithya HV	1	Cognizant	-	-	-
1NH17EE036	Nithya V	2	Cognizant	INFOSYS	-	-
1NH17EE037	SRIDHARAN P	3	INFOSYS	Accenture	BOSCH	-
1NH17EE038	Pooja kumar Kage	2	Capgemini	BOSCH	-	-
1NH17EE039	Pooja V	1	IQVIA	-	-	-
1NH17EE041	Preksha Deshmukh	1	LOWE'S India	-	-	-
1NH17EE042	Pritam Samanta	1	Capgemini	-	-	-
1NH17EE043	RACHANA v	1	Accenture	-	-	-
1NH17EE045	Rashmi Ramachandra	1	INFOSYS	-	-	-
1NH17EE046	Richard Christopher c	2	Capgemini	BOSCH	-	-
1NH17EE050	Sangam JAIN	3	L&T Technology Services	Mindtree	TCS	-
1NH17EE051	SANJAY N S	1	IQVIA	-	-	-
1NH17EE053	Sindhu R	2	Tudip Technologies Pvt Ltd	NTT Data Services	-	-
1NH17EE054	Sohan A Jingade	2	INFOSYS	Ernst & Young	-	-
1NH17EE055	Syeda Sarah Batool	1	Capgemini	-	-	-
1NH17EE056	Tabassum .	1	Ernst & Young	-	-	-
1NH17EE058	Thamim Ulla	2	Capgemini	BOSCH	-	-
1NH17EE059	Vanishree paramashetti	1	Tudip Technologies Pvt Ltd	-	-	-
1NH17EE060	Venkat Nishit Kureti	1	Mindtree	-	-	-
1NH17EE063	Vybhav A	1	Eurofins IT Solutions India Pvt Ltd	-	-	-
1NH17EE064	Yashwanth B S	2	INFOSYS	TCS	-	-
1NH17EE065	UTKARSH BHARDWAJ	2	Capgemini	Accenture	-	-
1NH17EE701	Abhilash Mithare I	3	Cognizant	INFOSYS	BOSCH	-
1NH17EE702	Aby Mathew	2	Cognizant	TCS	-	-
1NH17EE703	Amartya Thakur	1	Cognizant	-	-	-
1NH17EE704	Anshuman Biswal	1	Capgemini	-	-	-
1NH17EE706	Bharath Surya J	2	Capgemini	BOSCH	-	-
1NH17EE710	Chittipareddy Gowtham Ch	1	Accenture	-	-	-
1NH17EE713	Divya S V	1	CBRE	-	-	-
1NH17EE715	Himagani Mishra	2	Capgemini	Accenture	-	-
1NH17EE716	Jyothi patil	1	CBRE	-	-	-
1NH17EE718	Kavita Sah	1	LOWE'S India	-	-	-
1NH17EE719	Kishore Kumar S	1	Tudip Technologies Pvt Ltd	-	-	-
1NH17EE720	Madhu M	1	Accenture	-	-	-
1NH17EE721	Mahan H S	1	Tudip Technologies Pvt Ltd	-	-	-
1NH17EE723	MANOJKUMMAR BIRADAR	1	IQVIA	-	-	-
1NH17EE724	Meghana I L	1	Automation Anywhere	-	-	-
1NH17EE726	Nutaki Pruthveesh	1	IQVIA	-	-	-
1NH17EE727	Nayana K	1	CBRE	-	-	-
1NH17EE728	Neeraj Patil	2	Tudip Technologies Pvt Ltd	Accenture	-	-
1NH17EE729	Neeraj R	1	TCS	-	-	-
1NH17EE731	OGGU GOPI KRISHNA	1	TCS	-	-	-
1NH17EE732	Prachi Anil Pandit	1	NTT Data Services	-	-	-
1NH17EE733	PRAGATHI PRAKASH	1	Capgemini	-	-	-
1NH17EE736	Puneeth S	2	Capgemini	Automation Anywhere	-	-
1NH17EE740	Ramya Manur	1	Tudip Technologies Pvt Ltd	-	-	-
1NH17EE742	RISHABH YADAV	1	ESKO	-	-	-
1NH17EE745	Raksha S	1	Capgemini	-	-	-
1NH17EE747	Sanket kumar singh	1	Cognizant	-	-	-
1NH17EE748	Shaun Philipose John Alenc	3	Cognizant	INFOSYS	BOSCH	-
1NH17EE750	Srikuber Singh C	1	Simply Vyapar App Pvt Ltd	-	-	-
1NH17EE753	Sumit Bhawal	2	Tudip Technologies Pvt Ltd	CREATORS MATCH Ltd.	-	-
1NH17EE754	Thomas Allwin Anto	2	Capgemini	BOSCH	-	-
1NH17EE756	VINITH G A	2	Cognizant	BOSCH	-	-

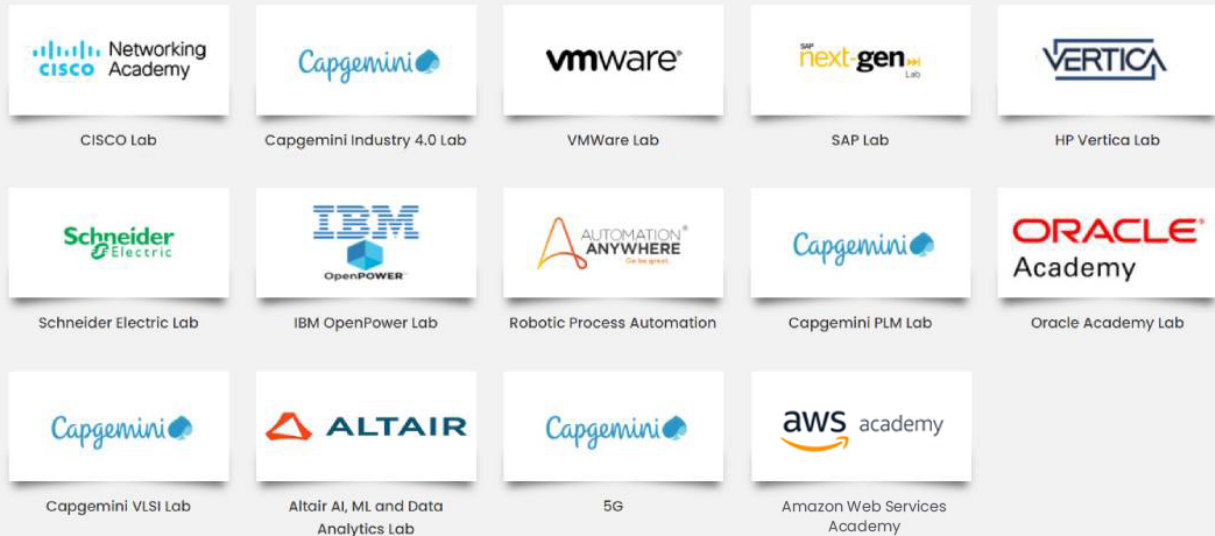


PLACEMENTS



CAREER OPTIONS

INDUSTRY SPONSORED LABS



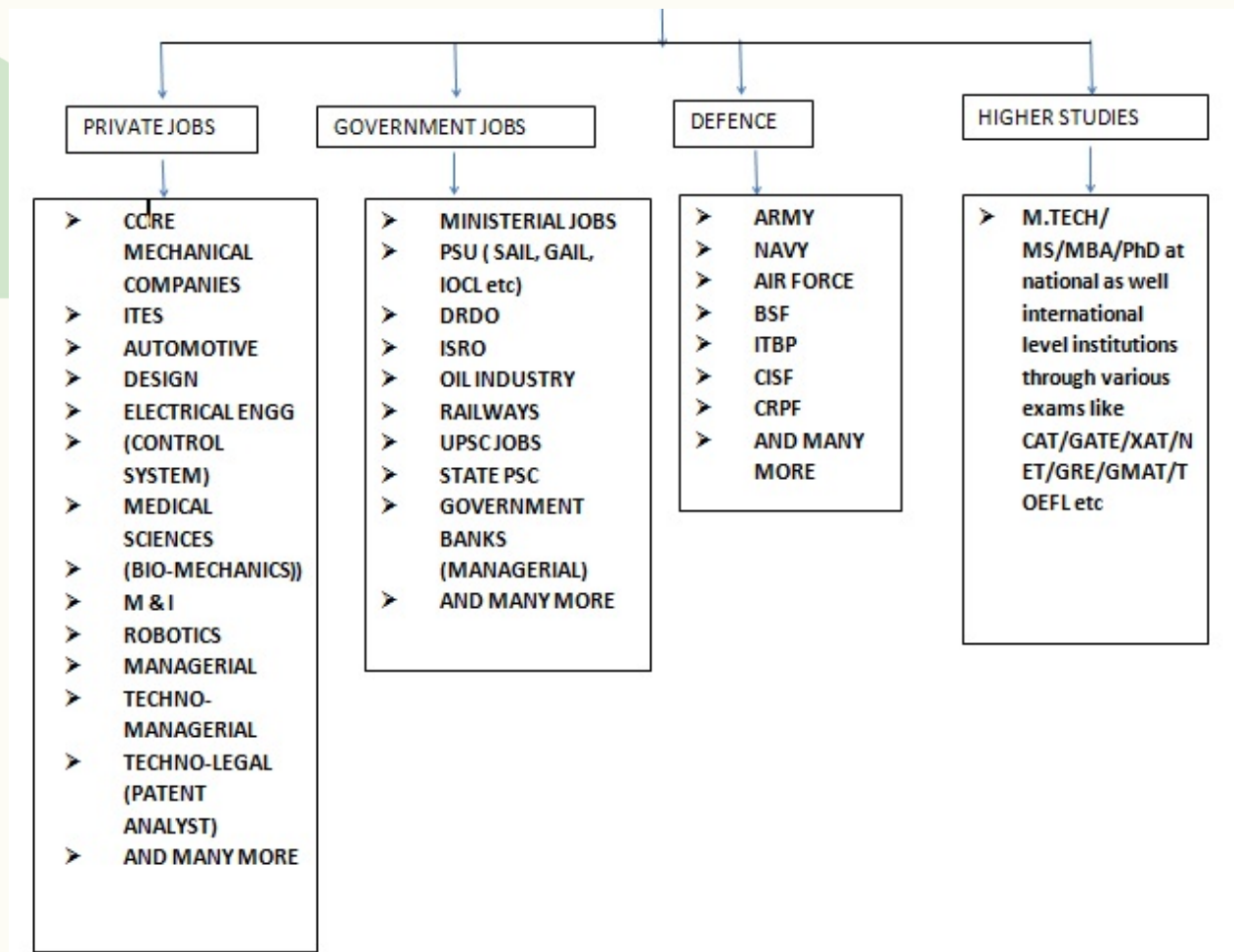
INTERNATIONAL COLLABORATIONS



INDUSTRY COLLABORATIONS



PLACEMENT OPPORTUNITIES AFTER B.TECH



ALUMNI FEEDBACK

Renjini Mohan: Very good department in all aspects such as academics and co-curricular activities. Gained lot of knowledge during industrial visits which helped me in getting placed in a core company. Overall experience in the institution was excellent.

Gayathri: Had an amazing time in the department with wonderful faculty. Received guidance in establishing a good foundation in electrical and electronics concepts. Also received help in getting a job in a good company like TCS.

Sri Lakshmi: I'm proud to get graduated from a prestigious college like New Horizon College of Engineering and really glad to be part of electrical department, one such supporting department which helped to shape my future.

PARENTS FEEDBACK

Ms. Jyothi: New Horizon College seems to have a vital supporting environment for students. Teachers are so good out there that they support students with academic interests. Placements have also been started and the college also provides placement training for students. The infrastructure is also found attractive with quality classrooms. The college provides quality education for the students which intend to shape their career well. Proud to be a part of NHCE.

Mr. Dinesh S Bhatkal: We are quite satisfied with NHCE. We are relieved and happy that we took the right decision for our son to be part of NHCE. We are definitely seeing our son mould into a good, responsible, and fun-loving boy along with his good academic performance. NHCE also opens doors to a lot of exciting opportunities for students and that makes us very satisfied and happy. Apart from these the college has good infrastructure, great labs, supporting teachers and good canteens. The teachers are available anytime of the day for the students to contact and clarify the doubts. Overall, NHCE is a very good college.





**AS ENGINEERS, WE WERE GOING TO BE IN A
POSITION TO CHANGE THE
WORLD-NOT JUST STUDY IT**

