



# **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 AND ELECTRICAL ENGINEERING**



# **AUTUMN TRONICLES (BI-ANNUAL EEE MAGAZINE)**

**JULY-DEC'21**

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## MESSAGE FROM CHAIRMAN

It's pleasure to present my views for the biannual EEE magazine for Autumn Tronicles 2021. 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



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 2021. 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.

**- Dr. Manjunatha**



## MESSAGE FROM HEAD OF DEPARTMENT

It is my pleasure to pen my views for release of this semester issue of “Autumn Tronicles 2021”. 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.

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.



**- Dr. Mahesh M**

## MESSAGE FROM FACULTY ADVISOR



On Behalf of the Team, I am delighted on the launch of the issue of “Autumn Tronicles 2021”, 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.

**- Dr. S. Sujitha**



## 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.

“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.



**- Mr. Vinod Kumar S**



# EDITORIAL TEAM



**Dr. MAHESH M**  
**HOD**  
**Dept of EEE**



**Mr. VINOD KUMAR S**  
**Faculty Advisor**



**Dr. S. SUJITHA**  
**Faculty Advisor**



**Mr. MANOJ KUMAR H V**  
**Student Coordinator**



**Ms. RACHNA PALLI**  
**Chief Editor**



**Mr. M ROHITH KUMAR**  
**REDDY**  
**Design Head**



**Ms. HARSHIKA**  
**Committee Member**



# 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 & FDPs



## AICTE-ATAL SPONSORED FACULTY DEVELOPMENT PROGRAMME

Date: 05/07/2021-09/07/2021

Time: 11:00-12:00



Department of Electrical and Electronics Engineering, NHCE organized a 5 day AICTE - ATAL sponsored Faculty Development Programme **“Implementation of Industry 4.0 and its Challenges”** in Online mode.

The rise of digital industry technology, known as industry 4.0 has transformed the

machines and IT systems that are connected in the Value Chain. The objective of the Faculty Development Programme (FDP) is to provide Industry 4.0 Concepts which revolutionize the boundaries between virtual reality and real world.







## SEMINARS AND FDPs ATTENDED BY FACULTY

Sl.no	Academic year	Name of the faculty	Seminar Activity	Dates	Organization
1	2021-22	Dr. Vinoth Kumar K	AICTE Training and Learning academy Sponsored Faculty Development Programme title: Smart Cities	02.08.2021 to 06.08.2021	National Power Training Institute - Power Systems Training Institute, Bengaluru
2	2021-22	Mr. Muni Prakash T	Seminar on Plagiarism, Editing, Proofreading and research ethics	22.08.2021	Research Graduate Institute, Bengaluru
3	2021-22	Mr. Muni Prakash T	FDP on Research Innovation & Recent Trends in Electrical & Electronics Engineering	16.08.2021 to 18.08.2021	SJB Institute of Technology, Bengaluru
4	2021-22	Mr. Muni Prakash T	FDP on Modern Trends in Manufacturing processes and control techniques in renewable energy system	16.11.2021 to 18.11.2021	National Institute of Technology, Delhi
5	2021-22	Mr.Satish Kumar D	Webinar on "Tools to support authors submitting their manuscripts to wiley"	14.12.2021	Wiley
6	2021-22	Mr.Satish Kumar D	ATAL FDP on "Electric Transportation Infrastructure for E-Mobility in India"	08.11.2021 to 12.11.2021	National Institute of Technology, Warangal
7	2021-22	Mr.Satish Kumar D	Sparklers Summit 2021	07.08.2021 to 14.08.2021	IEEE Region 10 Young Professionals
8	2021-22	Dr. Gunapriya B	FDP on Electric Transportation infrastructure for E-Mobility in India	02.08.2021 to 06.08.2021	National Institute of Technology Warangal
9	2021-22	Dr. Gunapriya B	FDP on Smart Grid and Electric Vehicle	04.10.2021 to 08.10.2021	Sastra University, Kumbakonam
10	2021-22	Dr. Gunapriya B	Webinar Series on Smart Grid Integration and Energy Storage Systems	10.07.2021 to 16.07.2021	Sri Ramakrishna Engineering College, Coimbatore



## CONFERENCES ATTENDED BY FACULTY

Sl.NO	Academic Year	Name of the Faculty	Conference Activity	Dates	Organisation
1	2021-22	Dr. Vinoth Kumar K	International Conference title: 7th Annual Conference of the ACSE, ACSE 2021	21.08.2021	Asian Council of Science Editors held at Dubai
2	2021-22	Dr. Singaravelan A	IEEE International E-Conference on Emerging Technologies and Applications for a Smart and Sustainable World	16.12.2021 to 18.12.2021	National Engineering College, Kovilpatti
3	2021-22	Dr. Vinoth Kumar K	2nd Global Conference for Advancement in Technology (GCAT 2021)	01.10.2021 to 03.10.2021	Nagarjuna College of Engineering and Technology, Bengaluru
4	2021-22	Dr. Vinoth Kumar K	2021 IEEE Mysore Sub Section International Conference (MysuruCon)	24.10.2021 to 25.10.2021	Navkis College of Engineering, Hasan
5	2021-22	Dr. Vinoth Kumar K	2021 IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC)	03.12.2021 to 04.12.2021	Sri Siddhartha Institute of Technology, Tumkur
6	2021-22	Dr. Vinoth Kumar K	2021 International Conference on Forensics, Analytics, Big Data, Security (FABS)	21.12.2021 to 22.12.2021	BMS Institute of Technology and Management, Bengaluru
7	2021-22	Dr. Vinoth Kumar K	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	27.11.2021 to 29.11.2021	Vellore Institute of Technology, Vellore
8	2021-22	Dr. Sujitha S	2021 IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC)	03.12.2021 to 04.12.2021	Sri Siddhartha Institute of Technology, Tumkur
9	2021-22	Mr. Muni Prakash T	2021 Innovations in Power and Advanced Computing Technologies (i-PACT)	27.11.2021 to 29.11.2021	Vellore Institute of Technology, Vellore
10	2021-22	Dr. Gunapriya B	International Conference on Emerging trends in Materials, Computing and Communication Technologies	09.12.2021 to 10.12.2021	Annai Vailankanni College of Engineering, Pottalkulam
11	2021-22	Dr. Sujitha S	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
12	2021-22	Mr. Sunil S K	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
13	2021-22	Dr. Sujitha S	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
14	2021-22	Dr. Sujitha S	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
15	2021-22	Mr. Lithesh J	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
16	2021-22	Ms. Karthika M	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
17	2021-22	Dr. Mohan Das R	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
18	2021-22	Dr. Sujitha S	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
19	2021-22	Dr. Sujitha S	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur
20	2021-22	Mr. Roopa C	International Conference on Advances in Computational Science and Engineering 2021	20.12.2021 to 22.12.2021	Live4Research, Tirupur



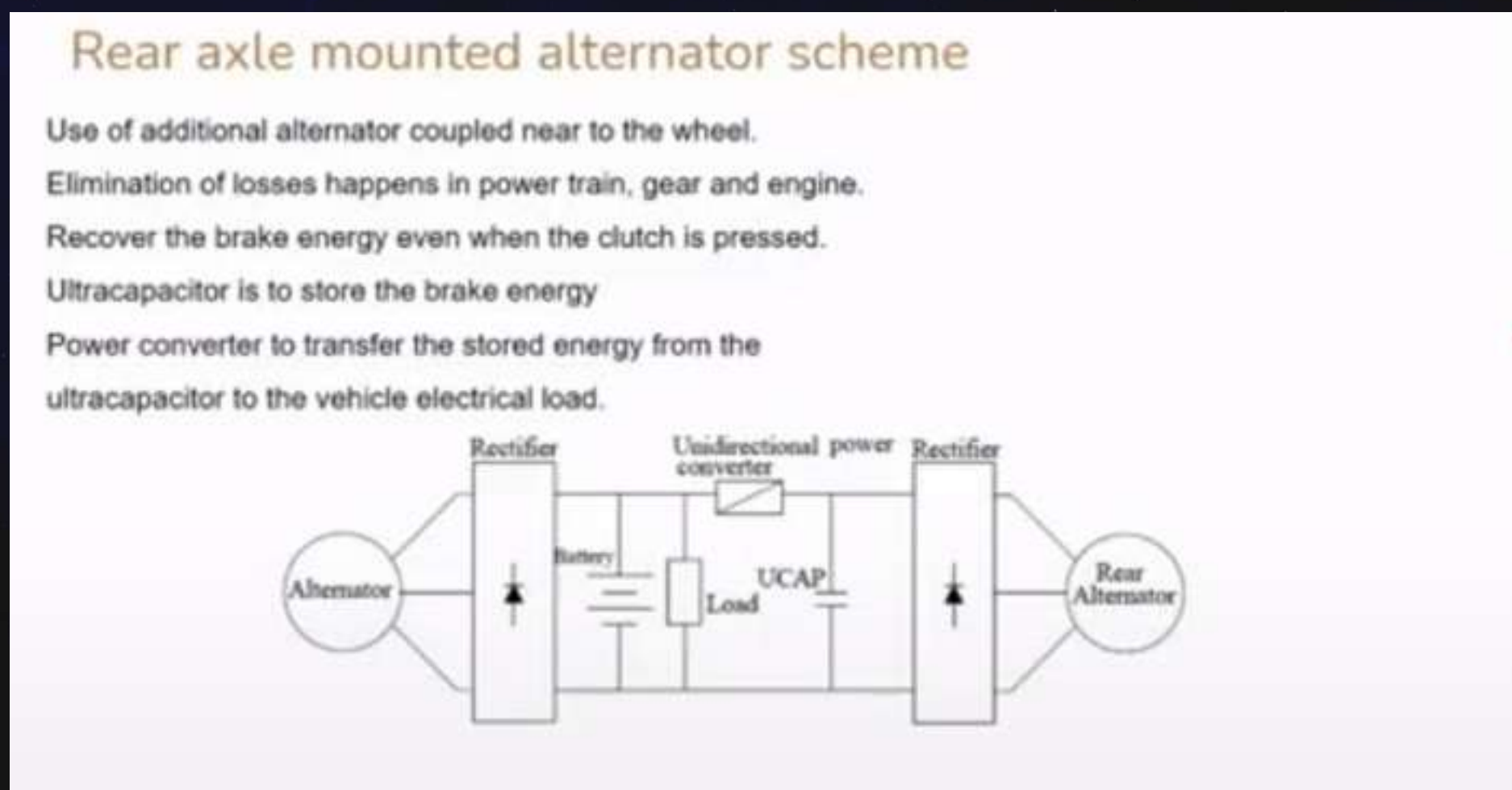
# GUEST LECTURES



## SIMULATION MODEL FOR PREDICTION OF OPTIMUM FUEL ECONOMY

Date: 06/07/2021

Time: 11:00-12:00



The Department of Electrical and Electronics Engineering, New Horizon College of Engineering Organized Online Guest lecture on ‘**Simulation Model for prediction of optimum fuel economy**’ in association with IEEE PELS Student Branch Chapter, NHCE. The speaker was Mr. V. Mariappan, Deputy Manager, Valeo India Pvt Ltd, Chennai. The lecture targeted 6<sup>th</sup> semester students. The convener was Dr. Mahesh M, HoD, EEE Department, NHCE. The faculty coordinators were Mr. Satish Kumar. D, and Ms. Anitha. A, EEE Department, NHCE.



## MODERN TRENDS IN POWER SYSTEM PROTECTION

Date: 03/07/2021

Time: 15:00-16:00

The Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru organized the guest lecture on “**Modern Trends in Power System Protection**” on 3 July 2021.



The resource person was Mr. Balakrishna, Technical Manager, Electronics Corporation of India Limited. The objective of the programme is to make the students understand about modern trends in power system protection, different testing of equipment, the conceptual as well as electrical domain and latest technologies used in the protection. Students had acquired good knowledge about protection and felt happy with the session.



## EVOLVING TECHNOLOGIES & PROGRESSIVE MARKETS IN POWER SYSTEMS

Date: 27/07/2021  
Time: 10:00-12:00



Department of EEE organized guest lecture on Evolving Technologies & Progressive Markets in Power Systems on 27<sup>th</sup> July 2021. The speaker was Mr. Prasad S Ranga, Director and Chief Consultant, Quik Tech Talk Technical Training and Product Development, India

The students found the webinar extremely insightful and had a lot of takeaways from it.

## INDUSTRIAL VISITS

Department of EEE along with 5<sup>th</sup> SEM students and faculty coordinators visit M/s. Rajamane & Hegde Services Pvt. Ltd, Antharsanahalli, 2nd Phase, Kiadb Industrial Area, Tumkur plant HLTC on 13<sup>th</sup> November, 2021.

Being a student of Electrical and Electronics Engineering, this visit would help in better understanding of various concepts related to Electrical Machines. It also helped to enhance the students' knowledge and provide them with a proper understanding of the functioning of an Electrical Machines as this is part of the curriculum.





# IEEE PELS SBC, NHCE



## OFFICE BEARERS (01/01/2021 TO 31/12/2021)

Name of the Member	Membership Category	Membership No.	Position
Dr. VINOTH KUMAR K Associate Professor	Senior IEEE Member	92339575	Branch Chapter Advisor
NISCHAL DINESH	Student Member	97359152	Chair
NAYRAH M A	Student Member	97470947	Vice-Chair
MOHAMMED OMER ALI	Student Member	96208034	Treasurer
SARTHAK DAS	Student Member	97359223	Secretary
SIDDHARTHA SUNIL SINGH	Student Member	97487854	Webmaster

The Department is proud to have the Institute of Electrical and Electronics Engineers (IEEE)-Power Electronics Society (PELS), which is one of the non-profitable fastest progressing and promising technical societies of the IEEE across the globe. The Department of Electrical and Electronics Engineering of New Horizon College of Engineering, Bengaluru initiated and vigorously started IEEE-Power Electronics (IEEE-PELS) Society Student Branch from December 2020.





## SEMINARS HELD BY IEEE PELS SBC, NHCE

Sl. No	Year	Name of the seminar	Number of Participants	Date From – To
1	2021-22	Distinguished Lecture on “Model predictive control in power electronics: a critical review and recent industrial products”	72	29.09.2021
2	2021-22	Distinguished Lecture on “Wide Band gap (WBG) Power Electronics Systems for Heavy-Duty Vehicles”	71	23.10.2021
3	2021-22	Technical Event on “PRAUDYOGEEK”	139	09.07.2021 to 10.07.2021
4	2021-22	Distinguished Lecture Program on “Model predictive control in power electronics: a critical review and recent industrial products”	73	29.09.2021
5	2021-22	“Students Perception and Preference for Online Education in India During COVID -19 Pandemic”	295	26/06/2021
6	2021-22	Distinguished Lecture Program on “Wide Bandgap (WBG) Power Electronics Systems for Heavy-Duty Vehicles”	60	28/10/2021
7	2021-22	Think like an Entrepreneur	80	25.11.2021
8	2021-22	“Spare a Watt, Save a Lot” a Campaign on Energy Conservation	120	18.11.2021



# ACHIEVEMENTS



## BEST PROJECT OF THE YEAR AWARD

Date: 15/09/2021

Time: 14:00-16:00



Dr. Vinoth Kumar K  
Associate Professor (EEE)  
Project Guide



VINITH G A  
1NH17EE756



PRAGATHI PRAKASH  
1NH17EE733



MEGHANA I L  
1NH17EE724



DIVYA S V  
1NH17EE713

The “BEST PROJECTS OF THE YEAR AWARD” in Karnataka State Council for Science and Technology, Indian Institute of Science Campus, Bengaluru in the 44<sup>th</sup> Series of Student Project Programme: 2020-21 was awarded to a Team of Faculty and Students from Department of Electrical and Electronics Engineering, NHCE on 15<sup>th</sup> September 2021. Cash prize of Rs 8500 /- was handed over to the proud students and faculty. The event was organised by Indian Institute of Science Campus, Bengaluru. High Regards to the Management and our Principal for their continuous support for participation in technical sponsored projects.

## AccelATHON

Date: 12/11/2021-30/11/2021



Mr. Abhisek Bedant has secured 3<sup>rd</sup> position in AccelATHON2.0 organized by Bangalore Chamber of Industry & Commerce (BCIC) in association with Visvesvaraya Technological University (VTU), Centralized Placement Cell on the theme of “Social Innovation” held online from 12<sup>th</sup> to 30<sup>th</sup> November 2020.



# SPORTS ACHIEVEMENTS



DATE: 16/10/2021

**Mr. M Rohith Kumar Reddy** (1NH19EE066) has won the Silver Medal in district level weightlifting 66kg category held by Bengaluru District Weightlifters Association at Barbell House, Mysore road.



DATE: 16/12/2021

17/12/2021



**Mr. M Rohith Kumar Reddy** (1NH19EE066) has won the Gold Medal in VTU state level wrestling 65kg category held at KLSVDIT, Haliyal.



# ➤ BENGALURU CENTRAL ZONE WINNERS



DATE: 13/12/2021 - 14/12/2021

KABADDI  
VTU (BCZ)

**MANOJ KUMAR P**  
**1NH19EE070**

DATE: 13/12/2021 - 14/12/2021

KABADDI  
VTU (BCZ)



**HEMANTH B N**  
**1NH20EE041**



DATE: 09/12/2021

VOLLEYBALL (M)  
VTU (BCZ)

**PRANAV R NAIK**  
**1NH18EE735**

DATE: 09/12/2021

VOLLEYBALL (M)  
VTU (BCZ)



**KUSHAL NAIK K**  
**1NH20EE056**



# PAPER PUBLICATIONS

SI No	Faculty Name		Paper Title	Year	Journal Title
1	Dr. Arangarajan V	-	Recurrent network based power flow solution for voltage stability assessment and improvement with distributed energy sources	2021	Applied Energy
2	Dr. Arangarajan V	-	Detection and classification of multiple power quality disturbances in Microgrid network using probabilistic based intelligent classifier	2021	Sustainable Energy Technologies and Assessments
4	Dr. Arangarajan V	-	An ensemble approach of classification model for detection and classification of power quality disturbances in PV integrated microgrid network	2021	Applied Soft Computing
5	Dr. Prabhakaran N	-	Analysis and design of fuzzy-based manoeuvring model for mid-vehicle collision avoidance system	2021	Journal of Ambient Intelligence and Humanized Computing
6	Dr. Prabhakaran N	-	Novel Collision Detection and Avoidance System for Midvehicle Using Offset-Based Curvilinear Motion	2021	Wireless Personal Communications
7	Dr. Sujitha S	Dr. Vinoth Kumar K	Experimental Setup of Smart E-Vehicle Charging Station using IOT Technology	2021	2021 IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2021
8	Dr. Vinoth Kumar K	Dr. Sujitha S	Execution of smart electric vehicle charging station driven by RE technology using soft computing approach	2021	IEEE International Conference on Innovations in Power and Advanced Computing Technologies
9	Dr. Vinoth Kumar K	-	A Review on Triboelectric Nanogenerators (TENGs) using Internet of Things	2021	2021 International Conference on Forensics, Analytics, Big Data, Security (FABS)
10	Dr. Vinoth Kumar K	-	Implementation of Smart Electric Vehicle Charging Station Driven Using Experimental Investigation	2021	2021 2nd Global Conference for Advancement in Technology, GCAT 2021
11	Dr. Vinoth Kumar K	Dr. Gunapriya B	Execution of smart electric vehicle charging station driven by RE technology	2021	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021
12	Mr. Muni Prakash T	-	Controller Design For Detection of Various Power Thefts	2021	IEEE International Conference on Innovations in Power and Advanced Computing Technologies
13	Dr. Vinoth Kumar K	-	Network intrusion detection system in latest DFA compression methods for deep packet scrutiny	2021	Design, Applications, and Maintenance of Cyber-Physical Systems



# CLUB ACTIVITIES



## "SPARE A WATT, SAVE A LOT" CAMPAIGN

Date: 18/11/2021

Time: 09:00-16:00



Department of Electrical and Electronics Engineering, NHCE in association with GREEN ENERGY CLUB presenting a Campaign on energy conservation: **"Spare a Watt , Save a Lot"**. They visited the Government school at Marathalli, Bangalore to share the knowledge and brief about what is energy conservation, how do we conserve and how to implement.



## GREEN FEST 2.0

Date: 11/07/2021-12/07/2021

Time: 09:00-16:00

Chirag Pathak is presenting

### Circuit Debug

- Participants will be provided with the quiz link.
- 10 questions will be provided and 30 seconds will be allotted for each question.
- Questions will contain incorrect or incomplete electric circuits.
- Participants must identify the fault/solve the circuit and choose the correct circuit/answer from the given 4 options.
- Scores will depend on the time taken to answer and the accuracy of the answers.
- The top 3 winners will be announced at the end.

Turn off microphone (CTRL + D)

15:08 | utp-rzyx-bia

Rachna Palli

M Mahesh

Meghana S 1NH19EE073

M Gopal

Meghana S 1NH19EE073

Shariq Ahmed

Deekshith

Shivini Sampath

Chirag Pathak

AKANGSHA DAS

8 others

You



**“GREEN FEST 2.0”** was conducted by the Green Energy Club, Electrical and Electronics Engineering Department, NHCE on 11<sup>th</sup> and 12<sup>th</sup> of July 2021 to bring out the best participants, to acquire knowledge on various topics and enhance the participants thinking skills, creative skills and their knowledge on various topics like Environment, Technical, Riddles, Entertainment & General Knowledge. The main potential of this event by Green Energy Club was to bring out the enthusiasm and ability of the students towards their talents, creativity, and to boost their technical and general knowledge skills on various topics. The fest consisted of 5 events namely: Photography, Rapid Fire, Circuit Debug, T-shirt Design, Trivia.

## **"THINK LIKE AN ENTREPRENEUR" TALK**

Date: 25/11/2021

Time: 10:00-12:00

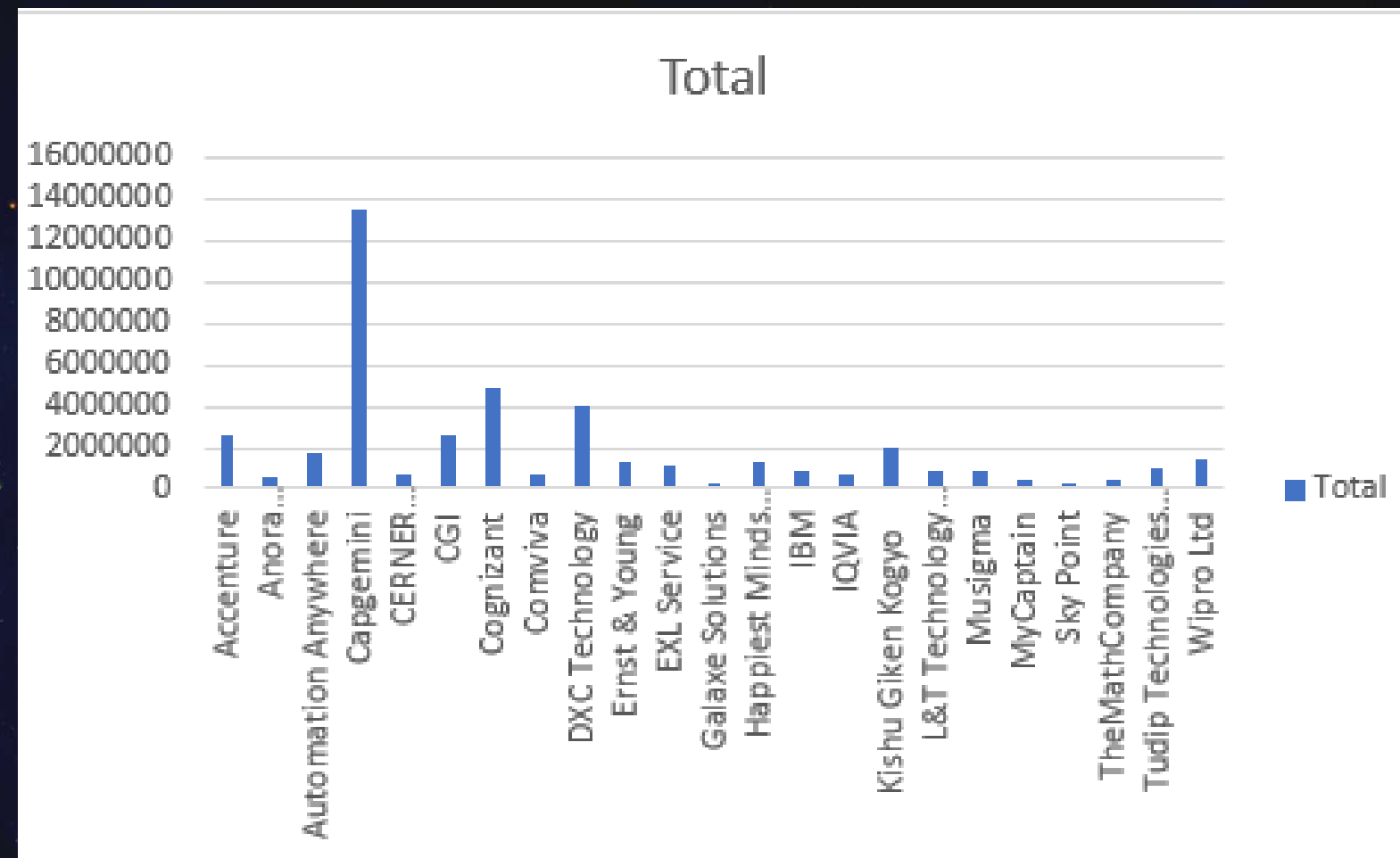


U-CREATE CLUB in association with Department of EEE organized an entrepreneurial talk **"Think Like An Entrepreneur"** given by Mr. Alok Soni, Khyaal Bangalore, Alumni of BITS Pilani. The talk covered different aspects of entrepreneurship, how to create an effective entrepreneurship development program and how to go about enhancing it. The talk encouraged young youth to take charge of their business ideas.



# PLACEMENTS

Row Labels	Salary 1
Accenture	2600000
Anora Semiconductor Labs Private Limited	500000
Automation Anywhere	1704000
Capgemini	13500000
CERNER CORPORATION	750000
CGI	2550000
Cognizant	4900000
Comviva	750000
DXC Technology	4000000
Ernst & Young	1275000
EXL Service	1200000
Galaxe Solutions	350000
Happiest Minds Technologies Pvt. Ltd	1260000
IBM	900000
IQVIA	700000
Kishu Giken Kogyo	2000000
L&T Technology Services	800000
Musigma	900000
MyCaptain	450000
Sky Point	350000
TheMathCompany	450000
Tudip Technologies Pvt Ltd	1050000



NAME	REGISTERD NO.	TOTAL OFFERS	COMPANY NAME	SALARY
SUSHMA M	1NH19EE403	1	Accenture	650000
Siddhartha Sunil Singh	1NH18EE057	1	Accenture	650000
Lingareddygaru Nirupavardhan Reddy	1NH18EE027	1	Accenture	650000
SARANYA S	1NH18EE743	1	Anora Semiconductor Labs Private Limited	500000
Rahul Mishra	1NH18EE417	1	Automation Anywhere	852000
ALLEN HARISH	1NH18EE002	1	Automation Anywhere	852000
Nayrah M A	1NH18EE036	1	Capgemini	750000
Greeshma Chennareddy	1NH18EE017	1	Capgemini	750000
Nischal Dinesh	1NH18EE039	1	Capgemini	750000
SAGAR KULKARNI	1NH18EE049	1	Capgemini	750000
Sankeerthini D	1NH18EE742	1	Capgemini	750000
K V NANDEESH	1NH18EE023	1	Capgemini	750000
Bharath B	1NH18EE006	1	Capgemini	750000
SHIVA R V	1NH18EE055	1	Capgemini	750000
Vishwanath Patil	1NH18EE758	1	Capgemini	750000
VISHAL SURESH	1NH18EE756	1	Capgemini	750000
Pranav R Naik	1NH18EE735	1	Capgemini	750000
BHAVANA YC	1NH18EE708	1	Capgemini	750000
Shreysh Babu	1NH18EE056	1	Capgemini	750000
RACHANA R	1NH18EE044	1	Capgemini	750000
Adithya Hegde	1NH18EE701	1	Capgemini	750000
Abhimanyu Iyer	1NH18EE700	1	Capgemini	750000
Varun Sham Kumar K S	1NH18EE753	1	Capgemini	750000
Pavan R	1NH18EE068	1	CERNER CORPORATION	750000
karthik N	1NH18EE025	1	CGI	425000
SHAIK MAHAMMAD ADIL	1NH18EE745	1	CGI	425000
Nahush S	1NH18EE739	1	CGI	425000
GAGANA C	1NH18EE015	1	CGI	425000
KIRAN K V	1NH19EE400	1	CGI	425000
BELLAM SREEKANTH REDDY	1NH18EE706	1	Cognizant	700000
C LAKSHMIPATHI royal	1NH18EE009	1	Cognizant	700000
Kiran U	1NH18EE026	1	Cognizant	700000
Shiva Prasad L P	1NH18EE747	1	Cognizant	700000
ANIRUDH K S	1NH18EE003	1	Cognizant	700000
Sanjay G	1NH18EE052	1	Cognizant	700000
V SHARON	1NH19EE405	1	Comviva	375000
KIRAN P GOWDA	1NH18EE723	1	DXC Technology	400000
SHASHIDHAR P H	1NH18EE746	1	DXC Technology	400000
DIVYASHREE N	1NH18EE012	1	DXC Technology	400000



# CAREER OPTIONS

## INDUSTRY SPONSORED LABS



## INTERNATIONAL COLLABORATIONS

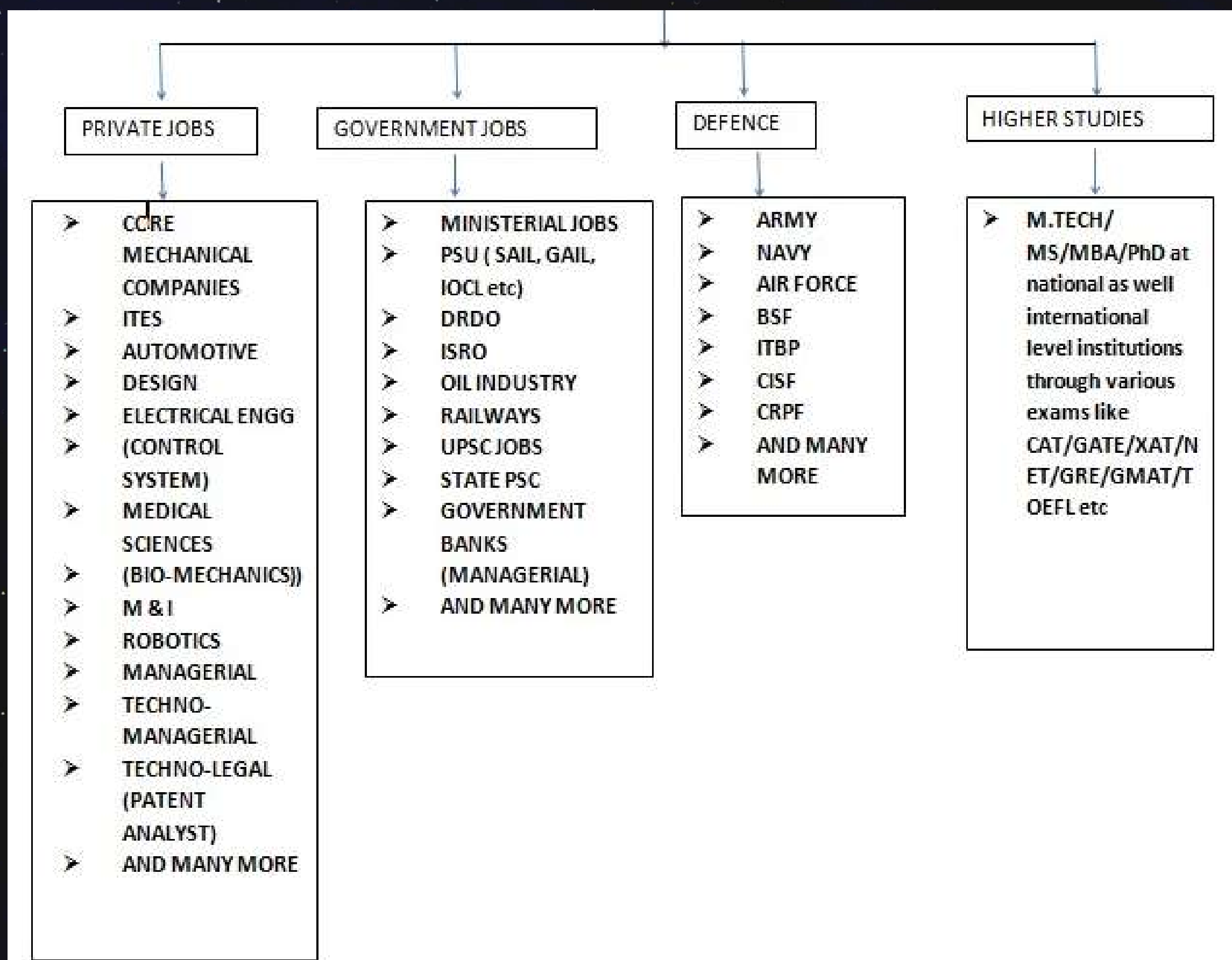


## INDUSTRY COLLABORATIONS





# ➤ PLACEMENT OPPORTUNITIES AFTER B.TECH





# ALUMNI FEEDBACK

Electrical & Electronics Dept. is an excellent department with great and supporting faculties with well-equipped Laboratories. With courses offered in diverse interests and coverage, EEE dept. is able to bring out engineers blooming interests in various areas. Taking up EEE at NHCE made me grow as a person as well as a professional allowing me to explore my electrical & electronics passion further more. Faculties being by your side at all times be it day or night gives you the confidence to make great contributions and efforts in anything and everything that is thrown at you. It would be an experience I would never forget.

➤ **NISCHAL DINESH (1NH18EE039)**

College: Love for the Green. Encouragement to almost all sports and athletics. Various social activities to help people in needs. Department: Encouragement in extra - curricular activities. Opportunities to explore organizing skills with department clubs. Faculty supports.

➤ **MD. SAGAR KHAN (1NH18EE727)**

Hi I'm Ashwini Lokare I'm a student of 2018-22 batch. Till now my experience with NHCE is just amazing. NHCE is really a good college, which always motivates students to follow their goals. As I'm seeing a lot of difference in us now, how we was before when we joined as a freshers and how we changed ourselves now professionally as well as personally. About college campus they're taking so many efforts for all the students. As I was the part of EEE department, I'll say that the EEE department is the best department. All the teachers are very supportive and kind. They were always ready to solve our academics problems as well as personal issues too. It's really a great honour to meet all the peoples in NHCE. I would like to thank each and everyone in NHCE who was a part of my life.

➤ **ASHWINI LOKARE (1NH18EE725)**