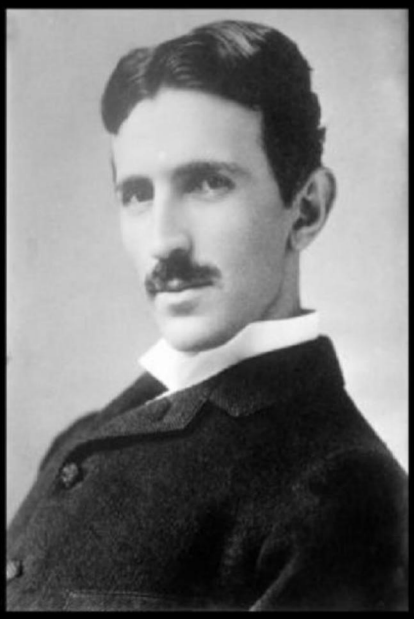

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE - Affiliated to JNTUH, Accredited by NAAC
Mangalpally(V), Ibrahimpatnam(M) R.R DIST. 501510
TECHMETIX
DEPARTMENT OF
ELECTRICAL AND ELECTRONICS
ENGINEERING
PRESENTS
TECHMETIX
2K21
25TH & 26TH
JUNE 2021



I don't care that they stole my idea....
I care that they don't have any of their own.

- Nikola Tesla

ABOUT
ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)
Department

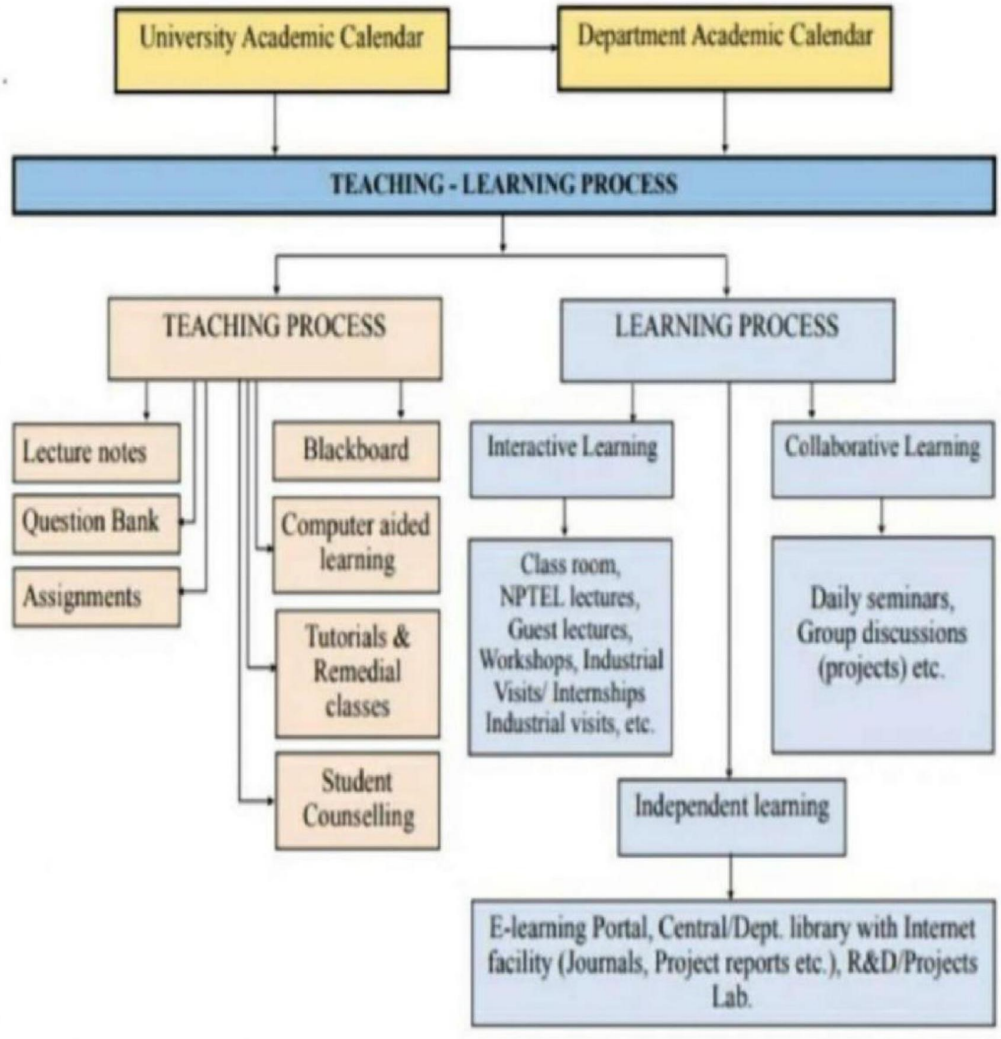
WE ARE THE POWER OF THE WORLD
Let the peace be amplified World be rectified

The Department of Electrical and Electronics Engineering started in the year 2001, with an intake of 120 students .The Department is accredited by NAAC. The department is n intrinsic part of Bharat Institute of Engineering and Technology, and is the core stream ever. The department has set global standards in acadamics to promote Quality technical education.

To meet challenges of globalization with the state of art equipment's laboratories and Conducive environment exists in the department. The Department of Electrical and Electronics Engineering is organizing various training programs to enhance the technical skills of the student. A Purposeful Research and Development atmosphere is established to fetch the research Activities by the Students and Faculty.

Since inception, the department has well experienced and committed faculty who continuosly strives for the benefit of the students, their progressive development and equally balances both ethical values as well as personality development of the student community. Faculty of the department continuously encourages the students to get involved in industrial visits, interships, industry interactions, social activities, Government intitiations etc.....

EEE Department Teaching-Learning Process



OPPORTUNITIES IN ELECTRICAL and ELECTRONICS DEPARTMENT (EEE)

JOB OPPORTUNITIES

GOVT

STATE LEVEL

Core	Others
APGENCO	APPSC
APTRANSCO	GROUPS
APDISCOM	BSNL
STEEL PLANT	
CIVIL SERVICES	

CENTRAL LEVEL

Core
UPSC (IES-IAS, IPS, IFS)
NTPC
SAIL
HAL
SAIL
HPCL
NHPC
BHEL
BDL
NPCIL
NHDC
BARC
INDIAN RAILWAYS
POWER GRID
IOCL
GAIL
INDIAN COAST GUARD
EIL
INDIAN NAVY
NFC
BEML
DRDO
ECIL
ONGC
BPCL
NALCO
SSC

PRIVATE

Software	Vijay Electricals
GOOGLE	GE
INFOSYS	ITC
RELIANCE	HBL PSYS
TCS	SIEMENS
ACCENTURE	PRIVATE-
GENPACT	-POWER PLANTS
WIPRO	
IBM	
TOP MNC'S	

BANKING-------IBPS & RBI OTHERS
State level & Central level

HIGHER STUDIES (Qualifying the Exams)

GRE & TOFEL GATE ICET/CAT/MAT/XAT CSIR

(Studies in Abroad)

MBA

Junior Research Fellow

Gate Based Jobs

NTPC
SAIL
HPCL
BHEL
POWER GRID
IOCL
GAIL
ECIL
ONGC

Post Graduation

Studies at IIT's, NIT's & Universities
POWER SYSTEMS
CONTROL SYSTEMS
POWER ELETRONICS & DRIVES
ENERGY SYSTEMS
ELECTRICAL MACHINES
EMBEDDED SYSTEMS
HVE

Ph.D'S / RESEARCH SCHOLARS

NET/ SLET (FACULTY JOBS)

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SHRI CH. VENU GOPAL REDDY
(CHAIRMAN BHARAT INSTITUTIONS)

IT GIVES ME IMMENSE PLEASURE TO NOTE THAT THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING IS ORGANIZING ITS STUDENT ASSOCIATION TECHMETIX-2021 TECHNICAL FEST ON 25TH & 26TH JUNE 2021.I AM SURE THIS EVENT WILL DRAW TALENT FROM ALL OVER THE STUDENT'S FRATERNITY AND CREATE A GREAT LEARNING EXPERIENCE FOR ALL PARTICIPANTS. BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY (**BIET**) BELIEVES IN VALUE BASED EDUCATION AND ALLOWS ENGINEERRS TO STRENGTHEN THE SOCIETY ETHICALLY .SINCE ITS INCEPTION IT IS STRIVING HARD TO MEET THIS GOAL AND I WISH THIS EVENT WOULD ALSO ADD VALUE TO THE INSTITUTION'S VISION .I APPRECIATE THE EFFORT UNDETAKEN BY THE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE) IN ORGANISING THIS EVENT AND I WISH THEM ALL A GRAND SUCCESS.

Message from the Principal-BIET

Greeting to one and all

It is a matter of great pleasure that department of Electrical and Electronics Engineering of Bharat Institute and engineering is publishing a annual report magazine " TECHMETIX 2k21 "
I am happy that Electrical and Electronics Engineering is taking care of all aspects of the developments of students to shape them into empowered citizen of future. The annual report highlights achievement and future plan of the departments, which reflects the vision clarity of department.
I am delighted to see that this magazine is showing some of the best creative endeavourers of the students and have a great role in promoting the feeling of electrical technology.
My best wishes for enlighten efforts and success.

Regrads.
Dr JP Singh
Principal, BIET

MESSAGE

I am very much delighted to offer my best wishes to the admin in-charge, academic in-charge, tech-fest coordinators, faculty members and the student friends of EEE department for organizing a national level Tech-Fest "TECHMETIX 2K21" on 25th June and 26th June 2021. This will inculcate the organizational and managerial skill among the students community. It is an excellent opportunity to the students to interact and share their innovative ideas in the field of fast growing technology which may provide the solution for the future technological challenge.

I congratulate the organizing team and wish all the success in their endeavours.

Dr. Sanjay Kumar Suman

College Admin In-charge

Dr. J.P. Singh
Principal - BIET

Mr. P Sravan Kumar
Admin Incharge
of
EEE Department

Mr. Gnanesh Singh
Academic Incharge
of
EEE Department

THE VISION OF THE DEPARTMENT IS TO IMPACT EDUCATION OF THE HIGHEST ORDER, PRODUCING TECHNICALLY COMPETENT AND SOCIALLY RESPONSIBLE GLOBAL ENGINEERS.

THIS IS BEING ACHIEVED THROUGH THE ENDEAVORS OF HIGHLY MOTIVATED AND WELL QUALIFIED FACULTY USING EXCELLENT INFRASTRUCTURE, INDUSTRY INSTITUTION INTERFACE, R&D ACTIVITIES LATEST TECHNOLOGY AND TOOLS.

ADVANCED KNOWLEDGE AND INDUSTRY JOB ORIENTED TRAINING AND RESEARCH ACTIVITIES ARE BEING IMPARTED TO THE STUDENTS ENABLING THEM TO ACQUIRE ALL THE SKILLS THAT ARE ESSENTIAL TO BECOME SUCCESSFUL ENGINEERS, MANAGERS OR ENTERPRENEURS. THE STUDENTS ARE ENTHUSIASTIC AND WELL-MOTIVATED. THEY ARE CURRENTLY ORGANIZING AN INTERESTING AND INNOVATIVE TECHNICALFEST ENTITLED "TECHMETIX-2021" WISH THEM SUCCESS IN THIS ENDEAVOR.

S.M. RAW
Chief Of Placements

I congratulate all EEE students for organizing
“TECHMETIX 2021” EEE fest

PLACEMENT CELL IS COMMITTED TO BUILD CARRIER OF STUDENTS IN THEIR

RESPECTIVE DOMAIN. OUR TEAM STRIVES HARD IN BRINGING COMPANIESS TO CAMPUS ACROSS SPECTRA TO MAP THEIR TALENT.

THERE HAS BEEN UPWARD SWING IN TERMS OF NUMBER OF PLACEMENTS

OVER THE YEARS AND STUDENTS ARE BEING PLACED IN BEST OF THE BEST

COMPANIES IN CORE AND NON CORE SECTORS WITH A REASONABLY GOOD PACKAGE.

IN ORDER TO EXCEL STUDENTS NEED TO MASTER THEIR SKILL SETS TO MAKE THEIR FUTURE HAPPEN. THE FUTURE IS BRIGHT FOR ALL OF YOU AS MORE AND MORE JOB OPPORTUNITIES ARE BEING CREATED BY PRIVATE AND PUBLIC SECTOR UNDERTAKINGS.

"We ARE THERE TO PROVIDE WINGS, TO MAKE YOU FLY!!!

ALL THE BEST AND WISH THE EVENT A GRAND SUCCESS!!

Lockdown due to Pandemic Covid19 couldn't stop our department students from learning and improvement of our skills.

Our department provides platform and faculty encourages every student

1.On an average every student in department completed 5 Course era courses

2.Every student in department participated in IBM Hackathon

3.Every student completed Machine learning Course conducted by IBM

4.Every student completed at least one EDX Courses and Registered minimum 2 courses

5.Every Student enrolled 2 NPTEL Course.

6.Every student Completed minimum 3 AICTE Certification Courses.

7.Workshops and Webinars are conducted Virtually Time to time to update with current technology and trends.

8.Every subject is allocated presentation hours by students every week to improve content delivery and communication skills

9.Training in terms if placement is provided for final years with both internal and external faculty experts.

10. Interdepartmental and latest technology courses are included in training schedule by expert faculty.

11. Major, Mini, Micro Projects are allotted for 4th 3rd, 2nd Year's respectively to enhance their practical skills under the faculty supervision.

12.1:20 Student faculty monitoring, Mentoring and supervision for all-round development in both virtual and physical classes.

13.Online subject quiz are conducted and certificates for merit is disbursed.

The potential to learn and skill has no resistance in EEE, BIET

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electrical and Electronics Engineering

TECHMETIX-2K21

MAGAZINE COMMITTE

V. SAMPATH KUMAR Asst. Prof
EEE Dept

S. Marlin Asst Prof
EEE Dept

Prathyushkar

Vamshi

Ravi Varma

Sai Pranay

Mani Kumar

Organising Commite

Two Day National Level Virtual Technical Fest on 25th,26th June 2021 Organizing Comittee List

S. No	Name Of the Event	Name of the student coordinator 1	Phone Number of Coordinator 1	Class/Sec/Roll No	Name of the student coordinator 2	Phone Number of Coordinator 2	Class/Sec/Roll No	Technical Y/N	Non Technical Y/N	Faculty Coordinators	Contact no of Faculty
1	PPT	VINDHYA	9381398585	3rd / A / 18E11A0220	LIKITHA	9100418906	3rd / A / 18E11A0240	Y	N	G.Kamalakar Reddy	9493809930
2	PROJECT PRESENTATION	GANESH	9618376887	3rd / A / 17E11A0240	RAVI VERMA	7032057418	3rd / A / 18E11A0218	Y	N	SUKANTH	9885785450
3	POSTER PRESENTATION	THARUN	9182525248	3rd / A / 19E15A0214	MANI KUMAR	9494896370	2nd / A / 20E15A0223	Y	N	Praveen kumar	9629632445
4	TOOLS IDENTIFICATION	MADHUSUDAN	6302826740	3rd / A / 19E15A0201	DEEPAK KUMAR	9390482474	2nd / A / 19E11A0210	Y	N	Kashinath Basamer	9002817999
5	LOGO & TAGLINE QUIZ	SANDEEP	9182022463	3rd / A / 19E15A0204	VISHNU VARDHAN	7337453428	2nd / A / 20E15A0225	Y	N	KM Perumal	9944840062
6	PHOTOGRAPHY CONTEST	RAVI VERMA	7032057418	3rd / A / 18E11A0218	MANI KUMAR	9494896370	2nd / A / 20E15A0223	N	Y	Gyanesh Singh	8588032556
7	SINGING RECORDED	SRINU	9553913221	3rd / B / 19E15A0229	PRANAY	8374834542	3rd / B / 17E11A0288	N	Y	K Srinivas Rao	9989181305
8	DANCE RECORDED	PRANAY	8374834542	3rd / B / 17E11A0288	VISHNU VARDHAN	7337453428	2nd / A / 20E15A0225	N	Y	p sravan kumar	9666645035
9	PUBG	PRAVEEN	9182763198	3rd / A / 19E15A0217	DEEPAK KUMAR	9390482474	2nd / A / 19E11A0210	N	Y	N Srinivas Rao	9490067982
10	VIDS & REELS	LIKITHA	9100418906	3rd / B / 18E11A0240	VINDHYA	9381398585	3rd / A / 18E11A0220	N	Y	Biyd Saha	9432929290
11	Magzine Comittee	Vamshi	9912880780	3rd / B / 19E15A0230	Prathyushkar	9177115025	3rd / A / 18E11A0231	N	Y	V Sampath Kumar	9491838146

Student Organizers

President - Ganesh	9618376887
Vicepresident - Pranay	8374834542
Secretary - Sandeep	8187056425
Joint Secretary - Praveen	9133150258
Treasurer - Tharun	9182525248

Faculty Coordinator

Mr.V.Sampath Kumar	9491838146
Ms.Marlin	8056771490

College Level Coordinator

Mrs. Arti	9900631494

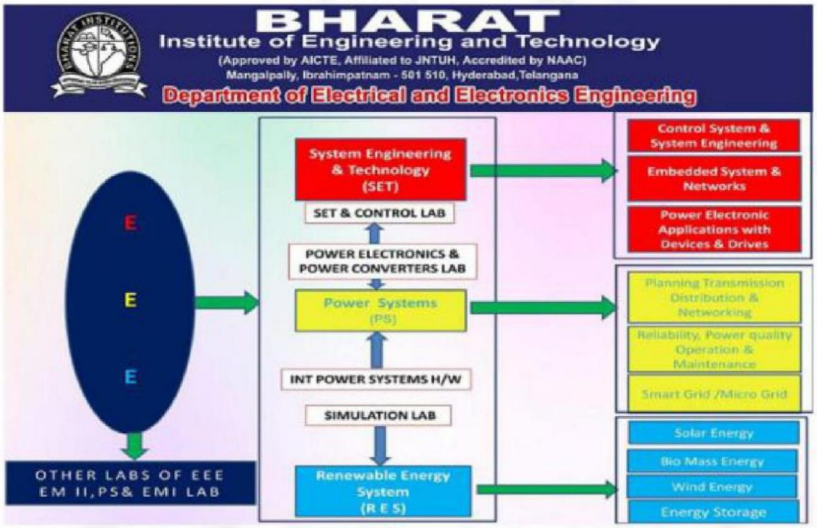
Registration Link https://forms.gle/74k83kFnlBrwPzL26

FACULTY DETAILS

S.No.	Name	Qualification	Designation	UNIVERSITY ID
1	Mr.K.Srinivasa Rao	M.Tech,(PhD)	Assistant Professor	**79150407-103615**
2	Mr.G.Kamalaker Reddy	M.Tech,(PhD)	Asst. Prof	**00150406-123516**
3	Mr. P. Sravan Kumar	M.Tech(PhD)	Asst. Prof	**6400-171223-211124**
4	Dr.T.Sukanth	M.Tech, PhD	Asst. Prof	**8687-171221-141536**
5	Ms.S.Marlin	M.E	Asst. Prof	**1939-180813-144023**
6	Dr.K.M.Perumal	M.Tech,PhD	Asst. Prof	**4023-181228-160738**
7	Mr.V Sampath Kumar	M.Tech(PhD)	Asst. Prof	**2027-181122-11135**
8	Dr. B. Praveen Kumar	M.Tech,PhD	Asst. Prof	**0266-190505-101933**
9	Mr.Gyanesh Singh	M.Tech(PhD)	Asst. Prof	**9442-201103-225014**
10	Dr. Bipul Krishna Saha	M.Tech, PhD	Asst. Prof	**9787-210326-132243**
11	Dr Kashinath	M.Tech, PhD	Asst. Prof	**8389-210506-094425**
12	Mr.N Srinivasa Rao	M.Tech	Asst. Prof	**3724-161102-154937**
13	Mr.P.RajaSekhar	M.Tech	Asst. Prof	**03150401-114519**
14	Dr.Madhulika Das	MTech,PhD	Asst. Prof	**8051-170201-192944**

RESEARCH FACILITIES

Department of EEE is actively engaging in research areas ranging from practical implementation to theoretical investigations. The main activity is to gear up B.Tech & M.Tech students under JNTUH curriculum through course and laboratory works in R&D direction. Department of EEE is subdivided into three areas like academic, development & research work and all these are being combined to achieve appropriate goals with the help of administrative support.



EEE DEPARTMENT R & D AREAS

The Development & Research group in consultation with the academic work schedule has broken-up the activities along with 10 specific subareas. These are supported by 9 laboratories.

Patents Published

S.No	Name of the Faculty	Patent Number	Publication date	Title
1	Mr. K Srinivas Rao,Dr.B Praveen Kumar, Dr.T Sukantha, Mr.Kamlakar Reddy, Mr.P.Sravan Kumar, Mr.Basava Reddy, Mr.V Sampath Kumar, Mr.B Avinash, Ms.Marlin, Dr.K Muruga Perumal, Mr.Gyanesh Singh	20214006791	2021(26/02/2021)	Design and Development of Shadow Free Efficient Solar PV Tree(SPVT)
2	Dr. B. Praveen Kumar	202041035792	2020 (11/09/2020)	Portable Peltier Air Conditioner
3	Dr. Arul Prakash	201941046804	2019 (29/11/2019)	Compatible Solar Agricultural & Horticultural Sprayer
4	Dr. B. Praveen Kumar	201941041979 A	2019 (25/10/2019)	Solar PV Power and Distilled water Prodction Enhancement Technique and Method Thereof

Patents Filed

S.No	Name of the Faculty	Patent Number	Publication date	Title
1	Dr. Ch. Santhan Kumar,. Dr. B. Praveen Kumar,Mr. G. Srikant, Dr. T. Sukanth,Mr. V. Sampath Kumar,Mr. B. Avinash, Mr. P. Sravan Kumar, Mr. K. Muruga Perumal	202041027420	28/06/2020	**Solar Powered Peltier Icebox**
2	Dr. K. Sunita, Sudhir Ranjan Patnaik,Dr.J. Bhagwan Reddy,Ms. Meghana R. Solanki,Jasti Yashaswini,Gillala Rekha	202041026099	20/06/2020	**Car Move SBDL - Technology: Verification of Seat Belt And Driving License Then Allowed To Drive**
3	Dr. J. Bhagwan Reddy	201941036942	2019 (13/09/2019)	**Intelligent Way to Provide IoT based Patient Monitoring System using Bealebone Kit**
4	Dr. J. Bhagwan Reddy	201941036026	2019 (06/09/2019)	**A 3D – Printer: Auto Scene Input 3-D Image and Print Three – Dimensional Objects**

EEE DEPARTMENT PUBLICATIONS 2020-21

S.No	List of authors	Title of the paper	Name of the journal/ conference	Month and year of publication	ISSN/ISBN
1	Dr. B. Praveen Kumar	L-Shape propagated Array Configuration with Dynamic Reconfiguration Algorithm for Enhancing Energy Conversion Rate of Partial Shaded Photovoltaic Systems	IEEE Access	Jul-2021	2169-3536
2	Dr. B. Praveen Kumar	A New Ken-Ken Puzzle Pattern based Reconfiguration Technique for Maximum Power Extraction in Partial Shaded Solar PV Arrays	IEEE Access	Apr-2021	2169-3536
3	Dr. B. Praveen Kumar	Intelligent Starting Current-Based Fault Identification of an Induction Motor Operating under Various Power Quality Issues	Energies	Jan-2021	1996-1073
4	Dr. K. Muruga Perumal	Techno economic performance analysis of hybrid renewable electrification system for remote villages of India	International Transactions On Electrical Energy Systems	Jul-20	2050-7038
5	Dr. K. Muruga Perumal	Neural network based MPPT control with reconfigured quadratic boost converter for fuel cell application	International Journal of Hydrogen Energy	Feb-21	0360-3199
6	Dr. T. Sukanth	A Novel Control Strategy for a Variable Speed Wind Turbine with a Permanent Magnet Synchronous Generator	Journal of Interdisciplinary Cycle Research	Mar -21	0022-1945
7	Dr. T. Sukanth	Improvement of Power Quality by Multi-Level inverter Based UPQC Using Pi & Fuzzy controllers	Journal of Engineering System	Jul-20	0377-9254
8	Dr. B. Praveen Kumar	Design of High efficiency bidirectional buck-boost converter for electrical vehicles, PV and Energy Storage Applications	International Conference on Information and Communication Engineering (ICICE-2020)	Feb-21	978-93-5437-185-1
9	Dr. T. Sukanth	Development Of A Novel Automatic Measuring and Recording of Electric Traction Rail Catenary Parameters To Maintain Over Head Equipment Healthy In Tower Car	International Conference on Information and Communication Engineering (ICICE-2020)	Feb-21	978-93-5437-185-1
10	Dr. T. Sukanth	A Review on Comparison of Different AI Techniques for Power Quality Improvement using STATCOM	International Conference on Information and Communication Engineering (ICICE-2020)	Feb-21	978-93-5437-185-1

PROFESSIONAL BODIES

With an aim to emphasize value based education and to provide aid in terms of research and development, the department of EEE is making special efforts by being a part of professional societies in Institute of Engineers(INDIA) and Institute of Electrical and Electronics Engineers.

- We were being the part of the Institute of Engineers(INDIA) since 2014-15.
- We were being the part of the ISTE Since 2017-18 i.e. Twenty one faculty members and 100 students are being part of it.
- Two faculty members are being AMIE.
- Six faculty members are being IETE.
- One faculty members are being ISRD
- Two faculty members and 31 students are being apart of IE()society.
- Four faculty members are existing and in the IEEE

WORKSHOPS CONDUCTED

Three Days National Workshop on “How to Draft Effective Scientific Publications, Patents and Patent Filing”

The Department of Electrical and Electronics Engineering, Research and Development Cell, In Association with IEI & ISTE Chapter, Bharat Institute of Engineering and Technology, Hyderabad hasorganizedthree Days National Workshop on “How to Draft Effective Scientific Publications, Patents and Patent Filing” from 02.07.2020 to 04.07.2020.

One week Faculty Development Program on “Challenges Opportunities in Electrical Engineering” from 15th to 20th June 2020

The Department of Electrical and Electronics Engineering, Bharat Institute of Engineering and Technology, Hyderabad has organized one week online Faculty Development Program on “Challenges & Opportunities in Electrical Engineering - A Research Perspective”, on 15th -20th June, 2020.

National Online Quiz conducted on 20/06/2020

The Department of Electrical and Electronics Engineering has organized National Online Quiz on "Power Electronics“ on 20th June 2020.

BHARAT
Institute of Engineering and Technology
NAAC Accredited; NBA Accredited for UG Programmes: CSE, ECE, EEE & ME
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Department of Electrical and Electronics Engineering
Certificate of Appreciation

This is to certify that **Mohd Safiuddin** from **Bharat Institute of Engineering and Technology** has successfully completed National Online Quiz on **"Power Electronics"** on **20-6-2020** with a score of **100%**.

Dr. M. MADHIARASAN
Quiz Coordinator

Certificate Id:
NNI8ZA-CE000014

Dr. V. Rambabu
Principal, BIET

BHARAT
Institute of Engineering and Technology
NAAC Accredited; NBA Accredited for UG Programmes: CSE, ECE, EEE & ME
Approved by AICTE, New Delhi; Affiliated to JNTUH

Department of Electrical and Electronics Engineering
Certificate of Appreciation

This is to certify that **P. PUSHPAKARTHICK** from **EASWARI ENGINEERING COLLEGE** has successfully completed National Online Quiz on **"Power Electronics"** on **20-6-2020** with a score of **100%**.

Dr. M. MADHIARASAN
Quiz Coordinator

Certificate Id:
NNI8ZA-CE000025

Dr. V. Rambabu
Principal, BIET

Online Quiz conducted on 20/06/2020

The Department of Electrical and Electronics Engineering has organized Online Quiz on "Control Systems" on 20th June 2020.

Five Days ICT mode STP on "Embedded Systems & IoT" from 27/01/2020 to 31/01/2020

The Department of Electrical and Electronics Engineering, Bharat Institute of Engineering and Technology, Hyderabad organized Five Days ICT mode STP on "Embedded Systems & IoT" in association with NITTTR, Chandigarh during 27th Jan-2020 to 31st Jan-2020. Eminent Speakers from both academia and industry delivered lectures on Embedded Systems & IoT and their applications in different fields. This five day STP enabled faculty and students to get awareness about Embedded Systems & IoT.

INDUSTRIAL VISIT

Industrial Visit to Hyderabad Metro Rail on 18/02/2020

The Department of EEE has organized an industrial visit for UG-11, IV and PG EEE students on 18th Feb 2020 to Hyderabad metro rail which is useful to the students in learning the smart technologies practical aspects of Electric Traction system.

Industrial Visit
to
Kothagudem Thermal Power Station
on
01/02/2020

The Department of EEE has organized an industrial Visit for II year EEE students on 1st Feb 2020 to Kothaqudem Thermal Power Station is located at Paloncha in Telangana, India. The power plant has an installed capacity of 1,720 MW with 11 units in operation .It is one of the coal based power plants of Telangana Power Generation Corporation Limited.

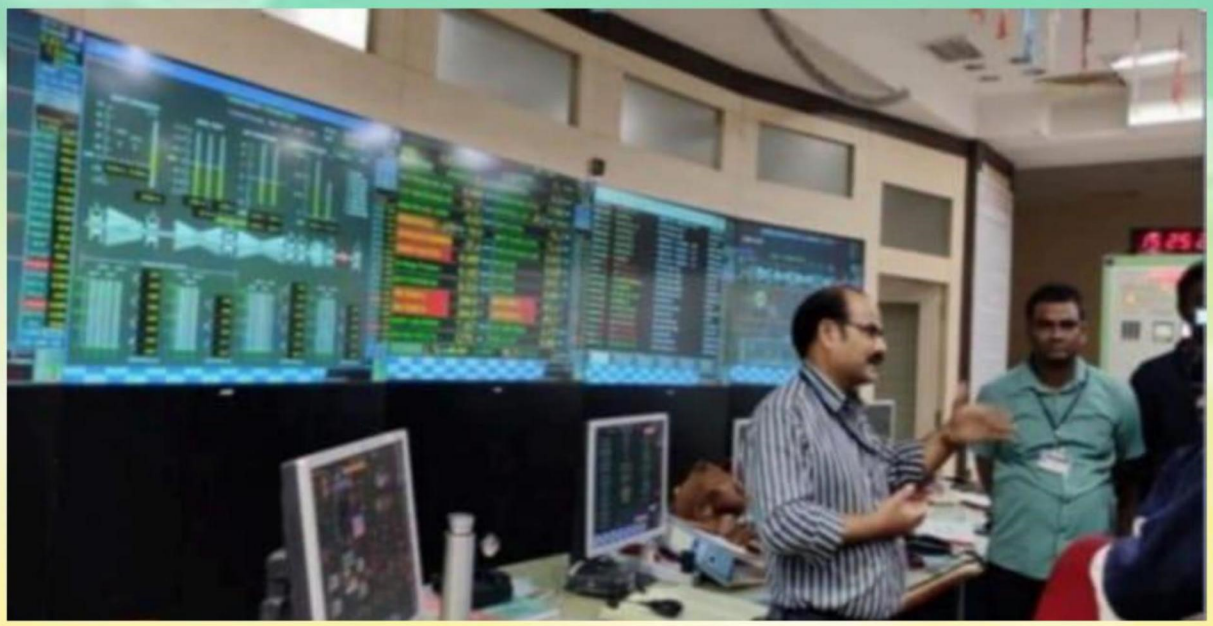
The Objectives of this Industrial Visit

1) To learn the functioning of a coal based steam power plant.

2)Understanding the coal to electricity cycle.

3) Understand the best and sustainable practices in unning a coal based power plant.

4) To understand better the concept of Power Station.



Outcomes behind the Industrial visit:

- For students pursuing professional education, industrial visits help them gain hands-on experience of how industry operations are executed.
- Industry visits bridge the gap between theoretical training
- and practical learning in a real-lite enVironment.
- Industry visits provide opportunity for active/interactive learning experiences in-class as well outside the classroom environment.
- Industry visits broaden the outlook of students with exposure to different workforces from different industries
- Industry visits help enhance interpersonal skills and Communication techniques.

LABORATORIES

ELECTRICAL MACHINES LAB

CONTROL SYSTEMS LAB

SIMULATION LAB

M.TECH POWER CONVERTERS AND DRIVES LAB

POWER ELECTRONICS LAB

POWER SYSTEMS LAB

ELECTRICAL CIRCUITS LAB

ELECTRICAL MEASURING INSTRUMENTS LAB

ELECTRICAL WORKSHOP LAB

PROJECT LAB

RESEARCH & DEVELOPMENT LAB

BASIC ELECTRICAL ENGINEERING LAB

NPTEL & NTTT

Title of the professional development programme	Name of teachers who attended	From Date	To date	Duration in days
NITTT-Technology Enabled Learning and Life-long Self-learning	V SAMPATH KUMAR	20-01-2021	20-03-2021	8 WEEKS
NITTT-Self-learning Creative Problem Solving, Innovation and Meaningful Research and Development	V SAMPATH KUMAR	20-01-2021	20-03-2021	8 WEEKS
NPTEL-Renewable Energy Engineering:Solar ,Wind & Biomass Energy Systems	V SAMPATH KUMAR	01-01-2021	03-01-2021	12 WEEKS
AICTE Sponsored Short Term Training Program on "Application of Advanced Techniques to Control Microgrid (AATCM-2021)	V SAMPATH KUMAR	04-06-2021	04-11-2021	6 DAYS
AICTE Sponsored Short Term Training Program on "Application of Advanced Techniques to Control Microgrid (AATCM-2021)	B PRAVEEN KUMAR	04-06-2021	04-11-2021	6 DAYS
NPTEL-Renewable Energy Engineering:Solar ,Wind & Biomass Energy Systems	Gyanesh Singh	01-01-2021	03-01-2021	8 WEEKS
NPTEL-Renewable Energy Engineering:Solar ,Wind & Biomass Energy Systems	K Murugaperumal	01-01-2021	03-01-2021	8 WEEKS
NITTT - Module 1 - Orientation Towards Technical Education and Curriculum Aspects	P SRAVAN KUMAR	20-01-2021	20-03-2021	8 WEEKS
NITTT - Module 2 - Professional Ethics & Sustainability	P SRAVAN KUMAR	20-01-2021	15-01-2021	1 WEEKS
NITTT-MODULE-8-Institutional Management & Administrative procedures	SUKANTH.T	20-1-2021	20-03-2021	8
NPTEL- Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems	SUKANTH.T	01-01-2021	20-03-2021	8
FDP course on "Modeling and Simulation of Energy Systems	SUKANTH.T	01-11-2021	03-01-2021	1

Roll of Honour

S.No	Roll No	Name	Branch	%of Marks /CGPA	Rank
1	16E11A0221	Jeendru Navya	EEE	7.61	I
2	17E15A0201	A Devaraj	EEE	7.58	II
3	17E15A0205	Bari Naveen	EEE	7.53	III
4	17E15A0226	M Nikhitha	EEE	7.46	IV
5	17E15A0235	Annadevara Ushasri	EEE	7.31	V

FACULTY INNOVATIONS

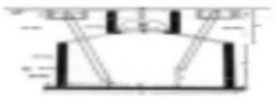
Contributions of BIET EEE Department Faculty towards inculcating innovative means in Teaching and Learning are clearly elucidated both in our Department Records and on the Institute Website for peer review and critique. Our work is open to be enhanced or reproduced. Some of our Inclusive ways are attractive presentations, interesting videos and mini projects, practice programs, contents beyond syllabus, assignment questions and quizzes, tutorial sessions especially for problematic and programming subjects, results analysis through interactive feedback, so forth. Proofs of the stated are comprehensively documented.

To improve the level of understanding in students, the following innovative teaching approaches are undertaken by the institution.

- ICT Supported Learning
- Short Presentations
- Group Projects
- Role Play

ICT Supported Learning

Information and Communication Technology or ICTs allow users to participate in a rapidly changing world in which work and other activities are increasingly transformed by access to varied and developing technologies. The Indian Information Technology and industry accounts for a 5.9% of the country's GDP and export earnings as of 2009, while providing employment to a significant number of its tertiary sector workforce. More than 2.3 million people are employed in the sector either directly or indirectly, making it one of the biggest job creators in India and a mainstay of the national economy.

S.NO	Name	Model
1.	Biogas Digester	
2.	3D Printer	
3.	Equivalent circuit of 3-Winding Transformer	
4.	Positive ,Negative and Zero Sequence of Three Phase Transformer	
5.	Tansmission Line Model	
6.	Differential Protection of Single Phase Transformer	

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY Mangalpally, Ibrahimpatnam - 501 510, Hyderabad.

ELECTRICAL AND ELECTRONICS ENGINEERING
B.TECH MAJOR PROJECT (2020-21)
IV YEAR SECTION - A

S.NO	H.T.No of the Student(s)	Name of the Student(s)	Name of the Faculty Guide	Title of the Project	Project
1	17E11A0201	KASHAMSHETTY RAMYASREE			
2	17E11A0208	DASARI VYJAYANTHI			
3	17E11A0238	RAMAVATH ASHISH NAIK			
4	17E11A0232	KATTA SAI KIRAN		PLCC COMMUNICATION FAULT DETECTION NEAR POWER	
5	16E11A0271	Janapati Haribabu	Mr.Gynaesh Singh	STATIONS	In-House
6	17E11A0203	GADDAM AKILA			
7	17E11A0220	r sai venkat			
8	17E11A0210	T MANISHA			
9	18E15A0205	SARANGA TEJA		GPS AND GSM BASED VEHICLE TRACKING AND SEAT	
10	15E11A0265	DHEERAVATH NAGA NAIK	Ms S.Marlin	OCCUPANCY	In-House
11	17E11A0202	D.SHREYA			
12	17E11A0213	GOBBURI SRI NITHYA			
13	18E15A0215	BADAVATH.PRASANNA			
14	18E15A0211	MOHAMMAD ZAMEER	Dr.Sukanth.T	IoT BASED SMART GRID SYSTEM USING ARDUINO	In-House
15	17E11A0224	JAKKULA SHASHIK			
16	17E11A0217	k dayaker reddy		Wireless 3-phase motor starter using RF technology with	
17	17E15A0206	SANKELLA SHIVA			
18	17E11A0241	V.SHIVA KUMAR	Mr G.Kamalakar Reddy	Feedback indicators	In-House
19	17E11A0211	BOGGULA REKHA			
20	18E15A0202	DONTHULA KALYAN KUMAR			
21	18E15A0214	GUTHI.ANUSHA		MONITORING AND CONTROL OF SUBSTATION BASED ON	
22	17E11A0248	GATLA. SAKETH REDDY	Mr K.Srinivasa Rao	MICROCONTROLLER USING IOT	In-House
23	18E15A0203	KORRA GANESH			
24	17E11A0244	KAVELINTI SURESH			
25	17E11A0223	AVADHANAM VENKATA NAGA SAI AKASH		Resistive Touch screen controlled contact less speed	
26	18E15A0208	GOMMANI SAI VAMSHI	Mr P.Sravan Kumar	monitoring and controlling of AC motor with speed limit alerts	In-House
27	18E15A0213	ALLAM VANDANA			
28	18E15A0207	TANTHARAPALLI VINAY KUMAR		A NINE LEVEL GRID CONNECTED CONVERTER TOPOLOGY	
29	17E11A0212	Anugula.keerthana		FOR	
30	17E11A0218	GOUNI ANUBHAV REDDY	Mr V.Sampath Kumar	SINGLE PHASE TRANSFORMER LESS PV SYSTEM	In-House
31	17E11A0205	CHENEPALLY SRI HARSHITHA			
32	17e11a0225	MANIGANDLA RUDRASAIPRASAD			
33	17E11A0206	NIDUMOLU LALITHA MADHULIKA			
34	15E11A0298	SOMA SHUBHAM	Mr.Bipul Krishna Saha	Recycling of electronic waste	In-House

35	17E11A0214	g poojitha			
36	17E11A0215	NALLA SHRAVYA REDDY		**DESIGN OF DC-DC CONVERTER FOR SOLAR PV BASED**	
37	17E11A0222	JAKKA ABHIRAM REDDY			
38	17E11A0230	koppireddy.Ajay Chandra	**Dr B.Praveen Kumar**	**BATTERY CHARGING SYSTEM**	**In-House**
39	17E11A0204	BODDU PAVITHRA			
40	17E11A0229	MUNJETI CHANDRA SEKHAR			
41	17E11A0246	MUDAVATH SHIVA			
42	18E15A0212	M SHARATH	**Mr P.Sravan Kumar**	**RFID based digital library system and alerts**	**In-House**
43	16E11A0282	MANTHENA ASWIN REDDY			
44	18E15A0216	K.A.SREE CHAITRA		**COMBINATION OF RENEWABLE ENERGY SOURCES WITH ALTERNATING CURRENT OUTPUT USING**	
45	17E11A0236	URITI SRINIKHIL			
46	17E11A0226	KOMPELLY SREECHARAN	**Dr.K. Muruga Perumal**	**MICROCONTROLLER IN CONTROLLING TECHNIQUE**	**In-House**
47	17E11A0219	CHEERLA ARAVIND			
48	17E11A0209	Y.BHARGAVI			
49	18E15A0201	K VENU MADHAV REDDY		**Industry Power Consumption Penalty Minimization Using**	
50	18E15A0204	NAYANOOLA CHAITANYA GOUD	**Mr G.Kamalakar Reddy**	**AFPC Unit**	**In-House**
51	17E11A0207	SINGIREDDY NAVYA			
52	17E11A0216	GOGIREDDY SAI SITHA RAM REDDY			
53	17E11A0231	BOMMAKANTI NAGABABU		**DESIGN AND DEVELOPMENTS OF A COMPLETE SMART**	
54	18E15A0217	AKSHAY KUMAR	**Dr.K. Muruga Perumal**	**HOME BY USING INTERNET OF THINGS (IoT)**	**In-House**
55	18e15a0206	CHENNA SURYAPRAKASH			
56	17E15A0228	NENAVATH SRINIVAS			
57	17E11A0228	pujari sandeep kumar		**IoT Integrated Learning Operation**	
58	16E11A0272	Joshi bhavana	**Mr.Bipul Krishna Saha**	**for Real-time Energy Monitoring**	**In-House**

Dr.Sukanth.T
PROJECT CO-ORDINTAOR

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY Mangalpally, Ibrahimpatnam - 501 510, Hyderabad.

ELECTRICAL AND ELECTRONICS ENGINEERING
B.TECH MAJOR PROJECT (2020-21)
IV YEAR SECTION - B

S.NO	Roll No	Student Name	Name of the Guide	Title of the Project	Project
1	17E11A0299	BANDI ASHOK REDDY			
2	18E15A0229	J.MADHURI			
3	18E15A0223	R.Ramesh			
4	17E11A0293	SAMALETI KARTHIK			
5	17E11A0274	ganga devi naveen kumar	**Dr.Sukanth.T**	**Automatic Submersible Pump Control for Irrigation**	**In-House**
6	17E11A0252	TADI SRIRAMYA			
7	18E15A0234	THANUGULA VAMSHIKRISHNA			
8	17E11A0267	CHINNAMARU SHIVAPRASAD REDDY			
9	17E11A0282	M HITESH SINGH			
10	17E11A0287	ENJAMURI NAGARAJ	**Mr.Gyanesh Singh**	**RAILWAY TRAFFIC CONTROL USING ARDUINO**	**In-House**
11	17E11A0254	YADA MOUNIKA			
12	17E11A0266	VELMA BHARGAV			
13	18E15A0220	JULURI SINDHUJA			
14	16E11A0248	TALUSANI KRANTI KUMAR REDDY	**Mr.Gyanesh Singh**	**QUADCOPTER FOR AGRICULTURE**	**In-House**
15	17E11A0253	KASHIREDDY MANASA			
16	18E15A0218	K PRAVEEN KUMAR REDDY			
17	18E15A0226	M.SRIKANTH		**INTEGRATED CONTROL OF RENEWABLE ENERGY &**	
18	16E11A0202	ANUMULA SAI TARUN	**Mr G.Kamalakar Reddy**	**FAULT RESTORATION FOR DISTRIBUTION SYSTEMS**	**In-House**
19	17E11A0270	NAMPELLI RAHUL			
20	17E11A0265	SARA RAMESH			
21	17E11A0264	SRIRAM LAVANYA			
22	18E15A0233	BARPATI KEERTHI	**Mr V.Sampath Kumar**	**IoT - BASED SMART IRRIGATION SYSTEM**	**In-House**
23	17E11A0259	PALLI JYOTHSNA		**An Android Based Home Electrical Appliance Control**	
24	17E11A0290	ANGOTHU SRIHARI PRASAD		**System**	
25	17E11A0277	GOREGA SHIVAPRASAD REDDY			
26	18E15A0231	TILEKAR SHALINI	**Dr.Kashinath H**		**In-House**
27	18E15A0225	MADDURI.Ambika			
28	17E11A0268	KOPPU JAGADEESH		**HARDWARE IMPLEMENTATION OF HYBRID POWER**	
29	17E11A0262	KANKANALA AKSHITHA		**GENERATION (SOLAR & WIND)**	
30	17E11A0289	NENAVATH VIJAYA KUMAR	**Dr B.Praveen Kumar**		**In-House**
31	16E11A0286	Nenavath Nehru			
32	17E11A0250	NAINI ROOPA			
33	17E11A0263	VANAMALA PALLAVI		**MATLAB Modelling and Analyze of Multimision 9 -Bus**	
34	17E11A0285	MANCHARLA V AJAY KUMAR	**Mr K.Srinivasa Rao**	**System with Hybrid FACTS Controller**	**In-House**
35	17E11A0255	NALLANI CHAKRAVARTHULA PRANAVI			
36	17E11A0279	KOLA KALYAN			
37	16E11A0232	MODUGU AJAYKUMARREDDY			
38	15E11A0271	INDRAVATH JAIHIND			
39	16E11A0278	KUNURU AKHIL	**Dr.Sukanth.T**	**3-phase STATCOM for reactive power compensation**	**In-House**

40	17E11A0260	DEVAGUPTHAPU LAKSHMI SRAVANI			
41	17E11A0251	ARTHEM SRILAYA		**MULTIPLE FACTS DEVICES FOR REACTIVE POWER**	
42	17E11A0295	SHEELA NARESH	**Ms S.Marlin**	**CONTROL BY USING PSO TECHNIQUE**	**In-House**
43	17E11A0281	BETIGERI HARINATH REDDY			
44	17E15A0227	nachagoni dinesh teja			
45	18E15A0222	VADTHYAVATH PAVANI		**Design and Development of a Monitoring System for**	
46	17E11A0294	POKALKAR AKHILESH	**Mr V.Sampath Kumar**	**Intelligent Transportation Based on Zigbee**	**In-House**
47	17E15A0237	RAPOLU SHIVA KUMAR			
48	18E15A0221	BOINAPALLY SRIKANTHGOUD		**IoT based Smart Parking and Traffic Management system**	
49	17E11A0292	AAIDAPU VINAY			
50	18E15A0232	SHESHAN PRIYANKA	**Dr.K. Muruga Perumal**		**In-House**
51	17E11A0261	GUTHIKONDA DIVYA			
52	17E11A0278	POTHURI CHRIS JONEY RAJ			
53	16E11A0277	KHURSHID KHAN		**POWER QUALITY ENHANCEMENT OF GRID TIED PV**	
54	16E11A0216	GARIGE AKHIL	**Mr K.Srinivasa Rao**	**SYSTEM WITH UPQC**	**In-House**
55	17E11A0258	GADDAMPALLY SUSHMA REDDY		**NEW MAXIMUM POWER POINT TRACKING (MPPT)**	
56	17E15A0225	gobburi shiva		**ALGORITHM**	
57	17E11A0269	KOLA BHARATH		**FOR SOLAR PV SYSTEM UNDER RAPIDLY CHANGING**	
58	17E11A0283	BOIROJU SANJAY KUMAR	**Dr B.Praveen Kumar**	**ATMOSPHERIC CONDITIONS**	**In-House**
59	17E15A0238	BAI ANIL			
60	18E15A0230	MOHD SAFIUDDIN			
61	18E15A0224	B RAJESH			
62	17E11A0284	MANDADI SIDDHARTH			
63	15E11A0270	GUGULOTHU ANIL	**Mr .Srinivasa Rao Nalabolu**	**POWER QUALITY CONTROL USING ZSOURCE DVR**	**In-House**

Dr. Sukanth.T
PROJECT CO-ORDINATOR

PROJECT DAY

Students of III EEE B Section Received 3rd Prize in Hackathon Program organized by BIET on 30TH JAN 2020

GALLERY

Faculty

4th Year - A

4th Year - B

3rd Year

EEE-III A

S No	HT No	Name of The student
1	16E11A0237	PAPAIAH UDAY REDDY4
2	17E11A0221	MALGAY.SAI KRISHNA
3	17E11A0227	BUDDE ANOOPVARMA
4	17E11A0233	KARNATI YASHWANTH
5	17E11A0239	TANGALLAMUDI NIKHIL BABU
6	17E11A0240	VANKUNAVATH GANESH
7	17E11A0243	MANDUGULA VAMSHI TEJA
8	17E11A0245	K VIGNESH
9	17E11A0249	ADULLA SRINATH REDDY
10	17E11A0271	BANALA CHANDRASHEKAR REDDY
11	17E11A0272	VENAPALLY CHANDAR RAO
12	18E11A0201	Adula Adula Vishnu vardhan reddy
13	18E11A0202	akhilesh jadhav
14	18E11A0203	ESLAVATH ESLAVATH VINOD
15	18E11A0204	Annabathini Annabathini samanvitha
16	18E11A0205	aradla aradla venugopal reddy
17	18E11A0207	Banda Banda jithender reddy
18	18E11A0208	BANDE BANDE PRAVALIKA REDDY
19	18E11A0209	Bhuthpoor Bhuthpoor Pravalika
20	18E11A0210	bobba bobba srinivasa reddy
21	18E11A0211	Bolla bolla.akhila
22	18E11A0212	chevula chevula koteshyadav
23	18E11A0213	chinthakuntla chinthakuntla swetha
24	18E11A0214	DESHINENI DESHINENI KAVYA
25	18E11A0215	G surya prathap reddy
26	18E11A0216	GANGADEVI GANGADEVI MADHU
27	18E11A0217	GANGAM GANGAM SUJANA SREE
28	18E11A0218	GORLA GORLA RAVIVARMA
29	18E11A0219	GUNDETI Gundeti Rajesh
30	18E11A0220	julakanti julakanti vindya reddy
31	18E11A0221	K.Naveen Kumar reddy
32	18E11A0222	Kamishetty Kamishetty Anjali
33	19E15A0201	SINGIREDDY MADHUSUDHAN REDDY
34	19E15A0202	BOINI ANUSHA
35	19E15A0203	REVATI VENU GOPAL
36	19E15A0204	pucha sandeep
37	19E15A0205	SANKU.APOORVA
38	19E15A0206	koppula chetan
39	19E15A0207	DANAVENI CHANDRAKANTH
40	19E15A0208	C VIKAS CHARY
41	19E15A0209	A.SAI CHANDRA
42	19E15A0210	K SREEKANTH
43	19E15A0211	P SRI SATYA SAI PRASAD
44	19E15A0212	B.AJAY KUMAR
45	19E15A0213	GONELA SAI SOWMYA
46	19E15A0214	NANDIGAM THARUN SAI
47	19E15A0215	V.NARASIMHA REDDY
48	19E15A0216	SHANKAR.TEJASWINI
49	19E15A0217	[RAMAVATH PRAVEEN NAIK
50	19E15A0218	ENDOORI SRIRAM

EEE-III B

S No	HT No	Name of The student
1	16E11A0267	GORENTLA SWATHI
2	16E11A0290	patnam p.sai durga prasad
3	17E11A0235	VELPOOR SAI RAJ
4	17E11A0276	MOVVA REVANTH KRISHNA
5	17E11A0286	VANGA ARAVIND
6	17E11A0288	ANAGARI SAI PRANAY
7	17E11A0297	KORRA PRAVEEN
8	18E11A0223	KONDREDDY GARI SAIKIRAN RERDDY
9	18E11A0224	KONDURU CHANDANA
10	18E11A0225	Kukunooru Manideep Reddy
11	18E11A0226	MUTHINENI DEEPTHI
12	18E11A0227	Nakkala kamalakarreddy
13	18E11A0228	NENAVATH RAJINIKANTH
14	18E11A0229	PUPPALA RAJESH
15	18E11A0230	peddi.laya
16	18E11A0231	PRATYUSHKAR PARICHHA
17	18E11A0234	RAGHAVENDER REDDY
18	18E11A0235	REGOJU AJAY
19	18E11A0236	Sabavat anusha
20	18E11A0237	sangireddy manisha
21	18E11A0238	SHAGUFTA NAZNEEN
22	18E11A0239	shampuri neha
23	18E11A0240	SINGIREDDY LIKITHA
24	18E11A0241	UPPU SPANDANA
25	18E11A0242	VADLAPALLY PAVAN KUMAR REDDY
26	18E11A0243	YEDIPALA RAKESH REDDY
27	18E15A0227	M.SRUJAN
28	18E15A0228	Peddaboina Aravind
29	19E15A0219	ALAMPALLY SNEHA
30	19E15A0220	B.SHIVA KUMAR
31	19E15A0221	Baireddy Akhil Reddy
32	19E15A0222	A.GOPALA KRISHNA
33	19E15A0223	D MADHURI
34	19E15A0224	S VIJAY KUMAR
35	19E15A0225	V SABITHA
36	19E15A0226	ERUGU SAGAR
37	19E15A0227	PADAKER MAHENDHAR
38	19E15A0228	G POLU RAJU
39	19E15A0229	M.SRINU
40	19E15A0230	ENGU VAMSHI
41	19E15A0231	P RAJINIKANTH
42	19E15A0233	SHAIK.ZABEEN NEHAL
43	19E15A0234	K SHIVA NARENDHAR
44	19E15A0235	D VINOD REDDY
45	19E15A0236	V JAGADEESH
46	19E15A0237	SRIKANTH

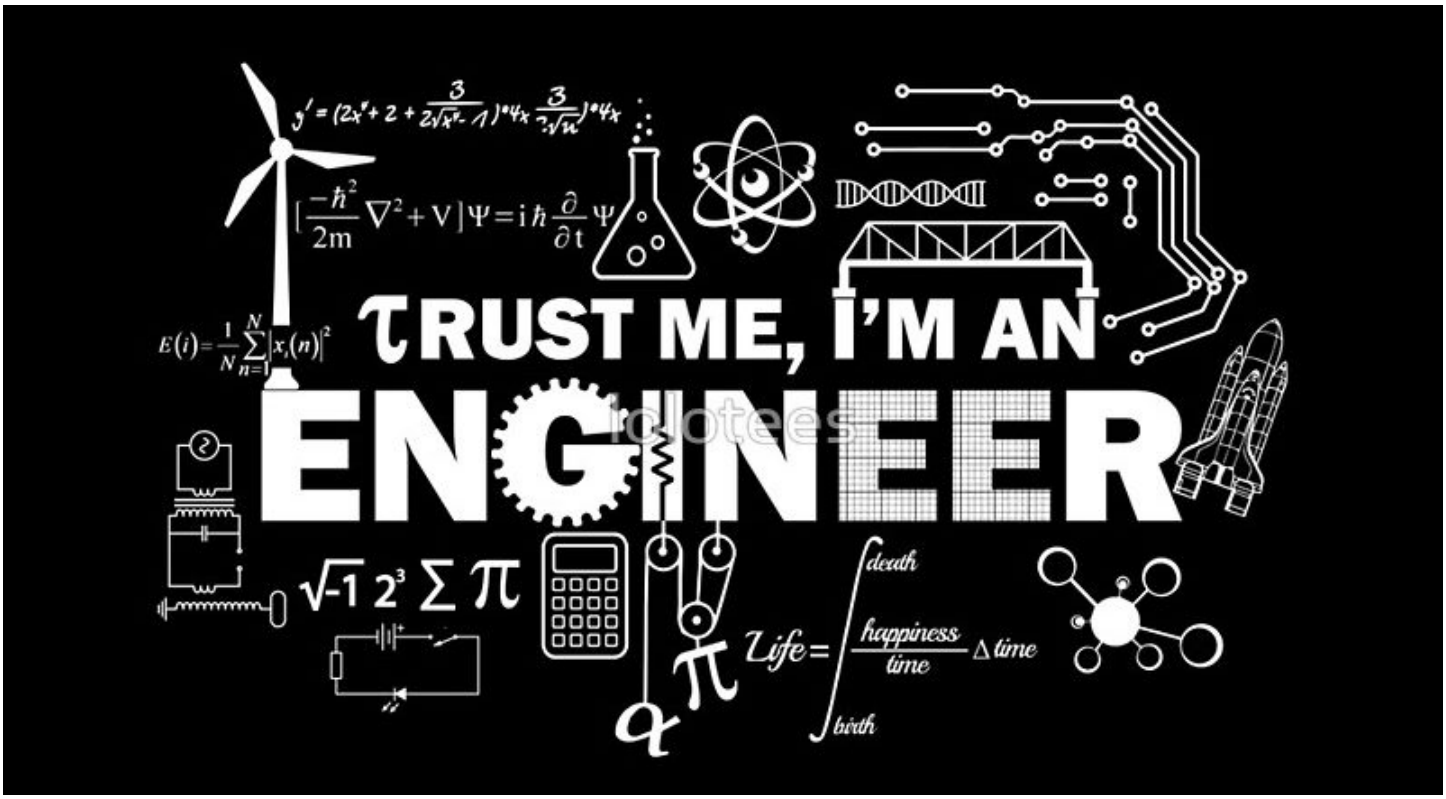
2nd Year

II EEE

S No	HT No	Name of the student
1	17E11A0291	MOHAMMED JUNAID AHMEDKHAN
2	17E11A0296	LENKALAPALLY SAI KRUPA CHARY
3	19E11A0201	DHARMASOTH KRISHNAVENI
4	19E11A0202	Gurukunta Harika
5	19E11A0203	GOUTHAREDDY VASAVI
6	19E11A0204	ARJUNE VAIBHAV
7	19E11A0205	BADDAM SAI KIRAN REDDY
8	19E11A0206	CHENNAMANENI VISHNU
9	19E11A0207	CHETHULA.NAVEEN
10	19E11A0208	GUGULOTH VENKATESH
11	19E11A0209	KATROTH LAL SINGH
12	19E11A0210	KONGALA DEEPAK KUMAR
13	19E11A0211	MALLE SIDDARTHA REDDY
14	19E11A0212	MANCHIKANTI SRIRAM
15	19E11A0213	PADULKAR VAIBHAV
16	19E11A0214	VADLAPALLY SANDEEP REDDY
17	19E11A0215	VADLAPALLY RUVENDHAR REDDY
18	19E11A0216	YELLISHETTY NIKHIL
19	20E15A0201	Adimalla Madhu
20	20E15A0202	Andoju Rajesh
21	20E15A0203	Avula Nagaraju
22	20E15A0204	Bollam Madhavi
23	20E15A0205	Edla Nithin
24	20E15A0206	Kasula Sowjanya
25	20E15A0207	Kendyala Srivardhan
26	20E15A0208	Kota Nagesh
27	20E15A0209	Maddoju Bhanu chandu
28	20E15A0210	Md Abdul Musavir
29	20E15A0211	Ponnam Sai kumar
30	20E15A0212	Ranavath Ramu
31	20E15A0213	Siddagoni Meenakshi
32	20E15A0214	T Praveen Kumar
33	20E15A0215	V Sai Teja
34	20E15A0216	Anjaiaha Venkat Ramana Naik
35	20E15A0217	Baist Sunil singh
36	20E15A0218	B.Vijay kumar
37	20E15A0219	Chimmata shiva kumar
38	20E15A0220	Devarajula Sai Charan
39	20E15A0221	Gajula Kranthi
40	20E15A0222	Kadaganchi Abhishek
41	20E15A0223	Kutikela Mani Kumar
42	20E15A0224	Kunchala Pavan Kalyan
43	20E15A0225	Kothapalli Vishnu vardhan
44	20E15A0226	Mulakala Tharun
45	20E15A0227	Panthangi Prasad
46	20E15A0228	Sulomkala Sai Krishna
47	20E15A0229	Sanka Shyam sunder
48	20E15A0230	Vanguru Jyothi
49	20E15A0231	Sandarkari Soumya

FIRST YEAR-EEE

S.No	Roll No	Student Name	Department
1	20E11A0201	Ramavath Balaram	EEE
2	20E11A0202	Bharat Simha Reddy	EEE
3	20E11A0203	Manupati Srikant	EEE
4	20E11A0204	Bhukya Saikiran Naik	EEE



BHARAT
INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, Affiliated to JNTUH and
Accredited by NBA, New Delhi
Mangalpally (V), Ibrahimpatnam (M), R.R. Dist. - 501 510

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accenture
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EEE Department

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K.SAI VENKAT
17E11A0220

G.SUSHMA REDDY
17E11A0258

P.CHRIS JONEY RAJ
17E11A0278

T&P Department

EEE,BIET

For all the hard work,

Towards the selection for

GRIEFO

CONGRATS TO

17E11A0203,G.Akhila Reddy
17E11A0225,M.Rudra Sai prasad
17E11A0219,Cheerla Aravind
17E11A0252,Tadi Sri Ramya
17E11A0254,Yada Monika
17E11A0261, Guthikonda Divya

BIET-EEE wishes you all the best in your endeavors

Congratulations

FOR
SELECTION
INTO

Multiplier
AI Powered Healthcare Marketing

17E11A0204 -BODDU PAVITHRA
17E11A0206 -NLALITHA MADHULIKA
17E11A0213 -GOBBURI SRI NITHYA
17E11A0219 -CHEERLA ARAVIND
17E11A0220 -R SAI VENKAT
17E11A0223 -A.V.NAGA SAI AKASH
17E11A0238 -RAMAVATH ASHISH NAIK
18E15A0218 -K PRAVEEN KUMAR REDDY
18E15A0230 -MOHD SAFIUDDIN

FROM
BIET EEE DEPARTMENT

Congratulations

FOR
SELECTION
INTO

nnit
POWER OF KNOWLEDGE

17E11A0203 GADDAM AKILA
17E11A0206 N LALITHA MADHULIKA
17E11A0262 KANKANALA AKSHITHA
15E11A0298 SOMA SHUBHAM

FROM
BIET EEE DEPARTMENT

Congratulations

FOR
SELECTION
INTO

FACE

17E11A0262 - K AKSHITHA REDDY

FROM

BIET EEE DEPARTMENT

Congratulations

Khurshid Khan	16E11A0216
M.Chandrsekhar	17E11A0229
Naini Roopa	17E11A0250
K.Manasa	17E11A0253
Yada Mounika	17E11A0254
Palli Jyothsna	17E11A0259
Sriram Lavanya	17E11A0264
M.siddharth	17E11A0284
N. DineshTeja	17E15A0227
Mohammad zameer	18E15A0211

PENTAGON SPACE
Mastering The Future

FOR YOUR PLACEMENT
IN

PENTAGON SPACE

EEE,BIET

2020-21 ACADEMIC YEAR EEE DEPARTMENT PLACEMENTS			
S.No	**Name of the Student**	**Roll Number**	**Department**
BYJUS			
1	R.Sai Venkat	17E11A0220	EEE
2	G.Sushma Reddy	17E11A0258	EEE
3	P.Chris Joney Raj	17E11A0278	EEE
GRIEFO			
4	G.Akhila Reddy	17E11A0203	EEE
5	M.Rudra Sai Prasad	17E11A0225	EEE
6	Cheerla Aravind	17E11A0219	EEE
7	Tadi Sri Ramya	17E11A0252	EEE
8	Yada Mounica	17E11A0254	EEE
9	Guthikonda Divya	17E11A0261	EEE
MULTIPLIER IT SOLUTIONS			
10	B.Pavitra	17E11A0204	EEE
11	N Lalitha Madhulika	17E11A0206	EEE
12	G.Sri Nithya	17E11A0213	EEE
13	Cheerla Aravind	17E11A0219	EEE
14	R.Sai Venkat	17E11A0220	EEE
15	A.V.Naga Sai Akash	17E11A0223	EEE
16	R.Ashish Naik	17E11A0238	EEE
17	K.Praveen Kumar Reddy	18E15A0218	EEE
18	Mohd Safiuddin	18E15A0230	EEE

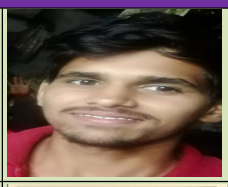
2020-21 ACADEMIC YEAR EEE DEPARTMENT PLACEMENTS			
NNIT			
19	G.Akhila Reddy	17E11A0203	EEE
20	N Lalitha Madhulika	17E11A0206	EEE
21	Kanakala Akshita Reddy	17E11A0262	EEE
22	Soma Shubham	15E11A0298	EEE
FACE			
23	Kanakala Akshita Reddy	17E11A0262	EEE
PENTAGON SPACE			
24	Khurshid Khan	16E11A0216	EEE
25	M.Chandrsekhar	17E11A0229	EEE
26	Naini Roopa	17E11A0250	EEE
27	K.Manasa	17E11A0253	EEE
28	Yada Mounika	17E11A0254	EEE
29	Palli Jyothsna	17E11A0259	EEE
30	Sriram Lavanya	17E11A0264	EEE
31	M.siddharth	17E11A0284	EEE
32	N. DineshTeja	17E15A0227	EEE
33	Mohammad zameer	18E15A0211	EEE

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY				
PLACEMENTS DURING THE YEAR 2019- 2020				
DEPARTMENT OF EEE				
S.No.	Name	Roll.No.	Photo Graph	Branch
COMMLABS				
1	B Chaitanya Krsihna	16E11A0208		EEE
2	Nikhil Deshpande	16E11AO236		EEE
3	Aishwarya Verma	16E11A0254		EEE
4	Mukkarigaris Sree Vani	16E11A0285		EEE
Aliens Group				
5	M. Vamshidhar Reddy	17E15AO204		EEE
HGS GLOBAL				
6	B. Chaitanya Krishna	16E11A0208		EEE
7	B. Rajesh	16E11A0209		EEE
8	Garre Nikhitha	16E11A0217		EEE

9	Gunti Meghana	16E11A0219		EEE
10	Jeendru Navya	16E11A0221		EEE
11	Lokasani Shivani	16E11A0227		EEE
12	Akhil Thota	16E11A0231		EEE
13	Sai Prasanna	16E11A0244		EEE
14	Venkata Ramana	16E11AO250		EEE
15	Jindam Anirudh	16E11A0222		EEE
16	Gopu Sai Sandeep	15E11A0219		EEE
17	Vinay	16E11A02A0		EEE

Qspiders				
18	**Sanjana**	**16E11A0264**		**EEE**
appmajix				
19	**B. Rajesh**	**16E11A0209**		**EEE**
20	**Akhil Thota**	**16E11AO231**		**EEE**
21	**S. Sai Prasanna**	**16E11AO244**		**EEE**
22	**G. Sai Maheshwar Reddy**	**16E11A0266**		**EEE**
23	**M. Akhil**	**16E11A0280**		**EEE**
ETHNUS				
24	**Sai Prasanna**	**16E11AO244**		**EEE**
25	**Aishwarya Verma**	**16E11A0254**		**EEE**
26	**S. Ganesh**	**16E11A0294**		**EEE**

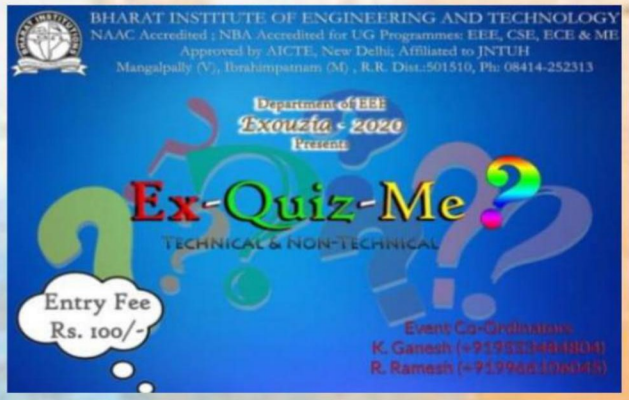
ASK IT SOLUTIONS				
27	Vinay Kumar B.	16E11A0210		EEE
28	C. Chaitanya Krishna	16E11A0208		EEE
29	T. Akhil	16E11AO231		EEE
30	V. Venkata Ramana	16E11A0250		EEE
ETHNUS CODE MITHRA				
31	S. Sai Kiran	16E11AO246		EEE
32	A. Pavan Kalyan Reddy	16E11A0253		EEE
33	T. Srikanth	17E15A0223		EEE
34	A. Devaraj	17E15AO201		EEE
RAAM GROUP (MG MOTOR)				
35	Akhil Thota	16E11A0231		EEE

GRIEFO				
36	**D.ANIL**	**17E15A0209**		**EEE**
37	**B SHANTHI PRIYA**	**16E11A0256**		**EEE**
38	**L SHIVANI**	**16E11A0227**		**EEE**
39	**G NIKHITA**	**16E11A0217**		**EEE**
40	**Nikhil Deshpande**	**16E11A0236**		**EEE**
POWERSOL				
41	**Nikhil Deshpande**	**16E11A0236**		**EEE**
CAPGEMINI				
42	**Aishwarya Verma**	**16E11A0254**		**EEE**
TATA CONSULTANCY SERVICES(TCS)				
43	**G NIKHITA**	**16E11A0217**		**EEE**
44	**Sneethika Reddy**	**16E11A0218**		**EEE**
BHARAT DYNAMICS LIMITED				
45	**Tirumala Ashwini**	**16E11A0204**		**EEE**

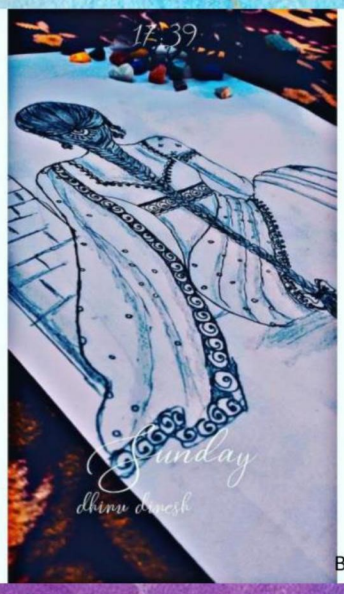
Dept
Training & Placement I/C

Dept
Admin I/C

EXOUZIA 2K20 MEMORIES



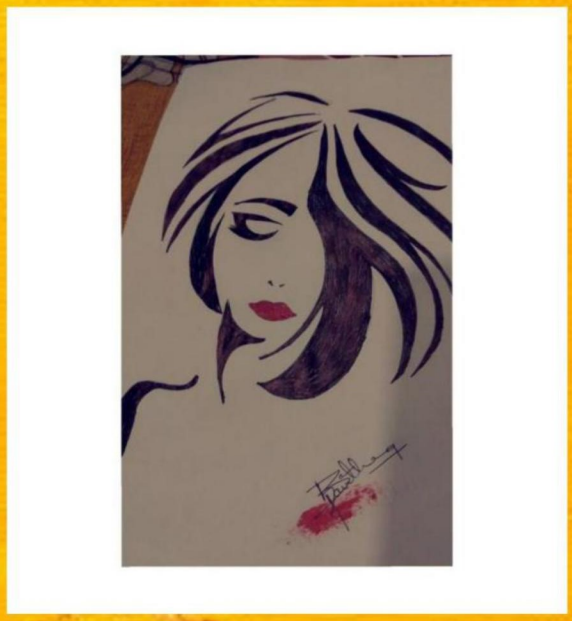

shiva sea lions
art by Surya


17:39
Sunday
dhinu dinesh

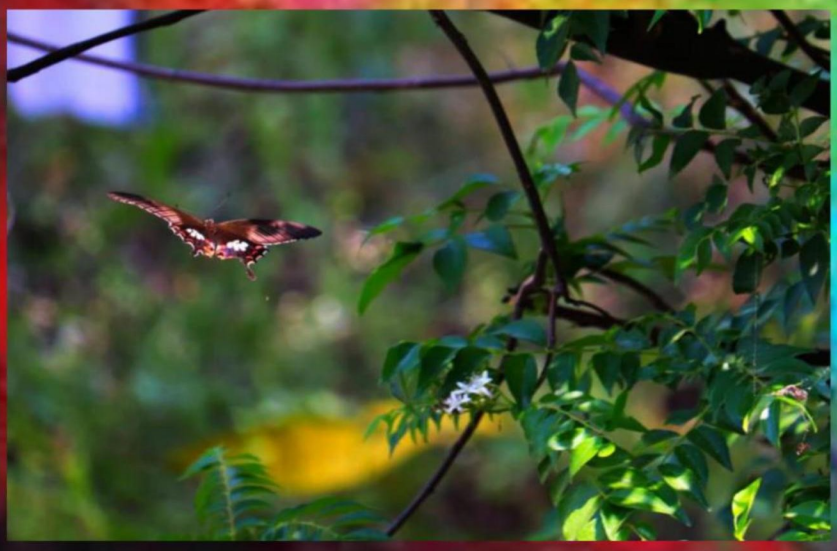
By Vijay

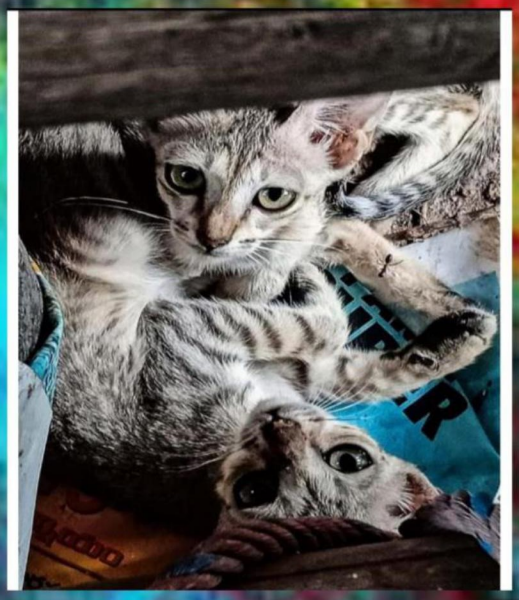

By Mani

ARTS & CRAFTS




REDMI NOTE 8 PRO
AI QUAD CAMERA





WE CAN MAKE FOOD FROM AIR AND ELECTRICITY TO SAVE LAND FOR WILDLIFE

SOLAR FOOD PRODUCTS-BIOREACTOR

Around the world, forests are being cut down to grow protein-rich soya to feed to animals. Using solar power to turn carbon dioxide into chemicals for growing bacteria that can be eaten – food from air – would let us produce as much protein as we currently get from staple crops including soya on a tenth of the land, according to the most comprehensive analysis to date.

"This could have very beneficial impacts on the environment," says Dorian Leger at the Max Planck Institute of Molecular Plant Physiology in Germany. "If you have 10 square kilometres of soya bean fields in the Amazon, hypothetically you could make that 1 square kilometre of solar panels and reforest the other nine."

. For instance, while solar panels can turn 20 per cent of light energy into electricity, in practice solar farms tend to capture just 5 per cent of the available energy, because not all the land is covered in solar panels and so on. For conventional farming of crops including soya, sugar cane, rice and wheat, the team used average yields in 180 countries from 2017 to 2019.

The team's conclusion is that per area of land, more than 10 times as much protein could be produced via food from air compared with growing soya. Soya is the most protein-rich staple crop and is widely used as an animal feed. In places such as the Amazon, ever more land is being deforested to make way for soya farms and cattle ranches, harming wildlife and releasing carbon dioxide

"Can we do better than what crops can do after millions of years of evolution and breeding? Our analysis indicates that it's possible," says Leger.

Staple crops typically convert less than 1 per cent of solar energy into harvested biomass, he says. The many reasons for this include the fact that plants harness less of the solar spectrum, can be harmed by excess light and have to balance capturing carbon dioxide with water losses. What's more, only a small part of most crop plants is edible, and most don't grow in winter.

As the technologies improve, the yields of food from air could improve yet further, says leger.


BHARAT
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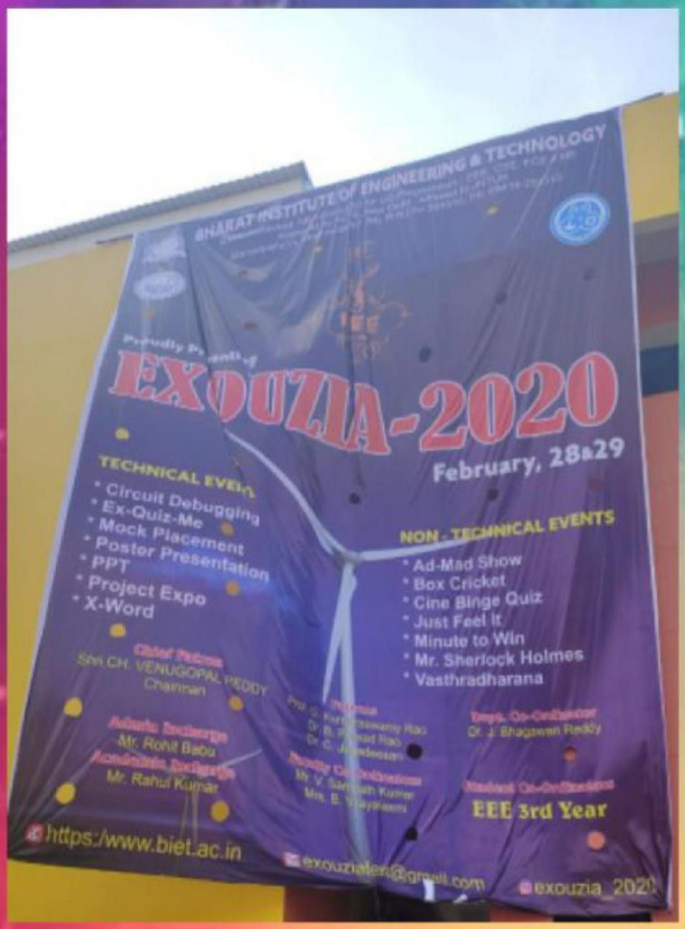
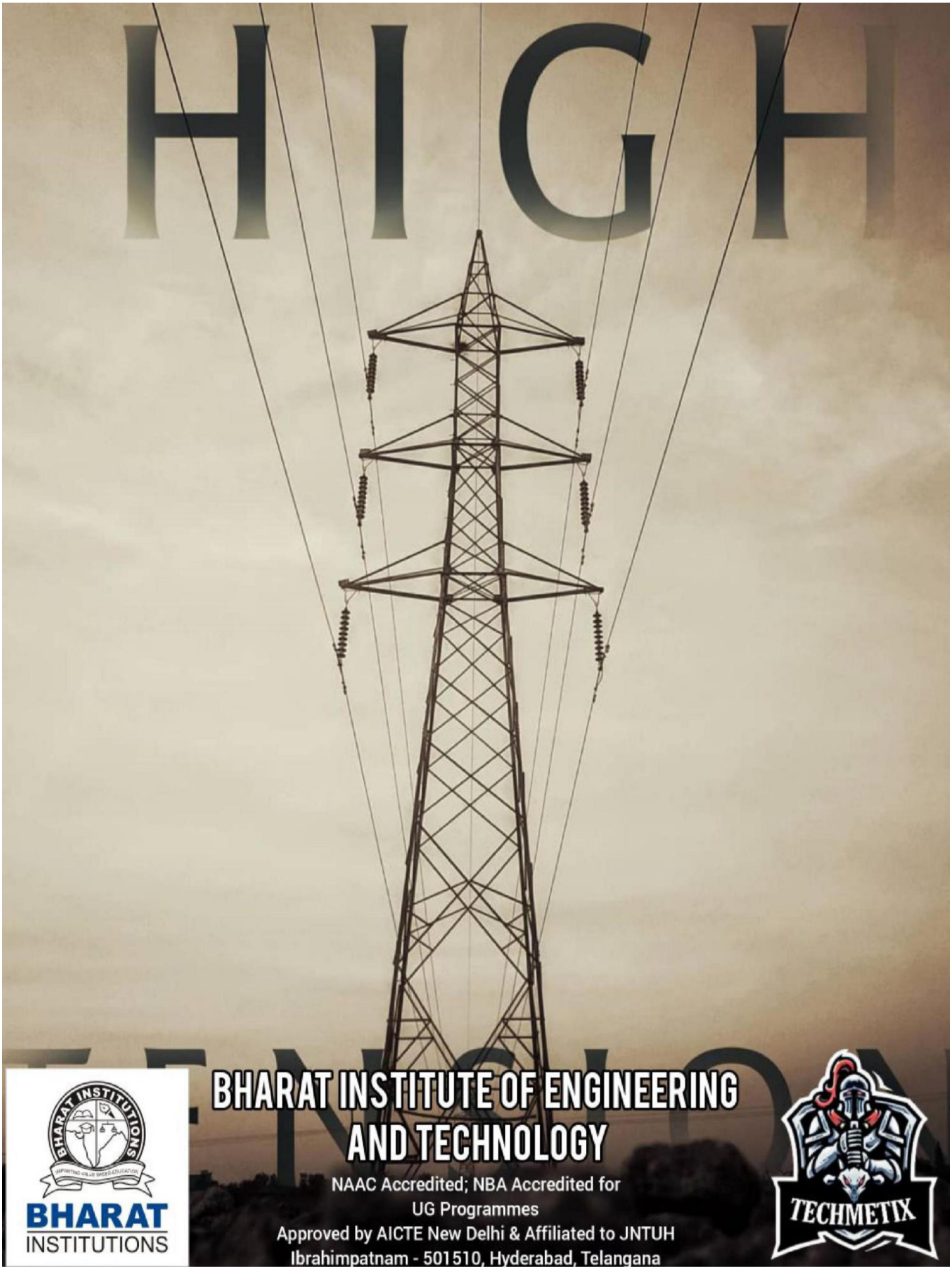
OF
ELECTRICAL & ELECTRONICS


BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY
EXOUZIA-2020
February, 28&29
TECHNICAL EVENTS
Circuit Debugging
Ex-Quiz-Me
Mock Placement
Poster Presentation
PPT
Project Expo
X-Word
NON - TECHNICAL EVENTS
Ad-Mad Show
Box Cricket
Cine Binge Quiz
Just Feel It
Minute to Win
Mr. Sherlock Holmes
Vasthradharana
Chief Patron
Sri.CH. VENUGOPAL REDDY
Chairman
EEE 3rd Year
https://www.biet.ac.in
exouzia_2020


Dr. Abdul Kalam
EVERY AGE HAS A HERO AND EVERY HERO HAS A STORY



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