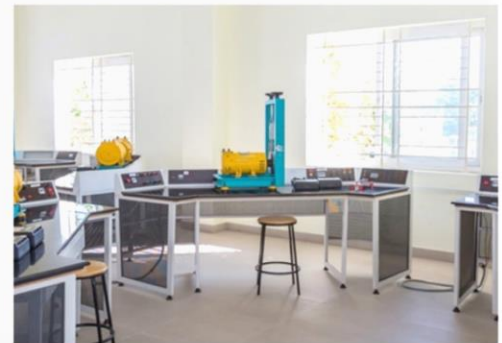


Volume-6/Issue-2/ Nov 2021

INSPIRE

Electrical and Electronics Bi-Annual News Letter



"An investment in knowledge pays the best interest."- Benjamin Franklin

CHIEF PATRONS



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Dr . Parthasarathy L,
Prof & Head, Dept. of EEE ATMECE, Mysuru



EDITORIAL DESK

This newsletter provides a platform to students and faculty to exhibit their creative content. It is becoming a need to motivate the students community in technical Institutions to be exposed to additional knowledge over and above those in prescribed curriculum in order to provide them an opportunity to professionally mature at faster rate. I congratulate all the students and faculty and who have contributed their valuable creations for publication in this issue. I also take this opportunity to appreciate the strenuous effort made by the editorial to bring out the newsletter. I convey my good wishes to all the readers and wish them a happy and enjoyable reading

CO-EDITOR & DESIGNER

Maria Sushma S,
Asst. Professor Dept. of EEE, ATMECE Mysuru



Affiliation



Accreditation





The Department of Electrical and Electronics Engineering is started in the year 2010 with an intake of 60 students. Presently about 200 students are on rolls from second to fourth year. The department is recognised as a research centre by Visvesvaraya Technological University (VTU), Belagavi to offer PhD and M Sc (Engg.) programs. The department has well qualified and experienced faculty members with specialization in Power systems, Power Electronics, Energy Systems & Management, CAID, Bio-Medical Signal Processing & Instrumentation and VLSI Design & Embedded systems. All the laboratories relevant to the program are established as per VTU and department is highly committed to bring-in the state of art research laboratories to provide quality education for present challenging societal and industrial needs.

The faculties of the department are associated with professional bodies such as ISJE, IES and IAENG. The department is involved in the research activities in the areas of EMJ/EMC, Power systems. The department has spacious infrastructure with carpet area of 2025 Sq.m, providing sufficient space for lecture halls and laboratories

Vision of the Department

To create Electrical and Electronics Engineers who excel to be technically competent and fulfil the cultural and social aspirations of the society.

Mission of the Department

- *To provide knowledge to students that builds a strong foundation in the basic principles of electrical engineering, problem solving abilities, analytical skills, soft skills and communication skills for their overall development.*
- *To offer outcome based technical education.*
- *To encourage faculty in training & development and to offer consultancy through research & industry interaction*

Program Specific Outcomes (PSO's)

- *Apply the concepts of Electrical & Electronics Engineering to evaluate the performance of power systems and also to control industrial drives using power electronics.*
- *Demonstrate the concepts of process control for Industrial Automation, design models for environmental and social concerns and also exhibit continuous self- learning.*

Program Educational Objectives (PEO's)

- *To produce competent and ethical Electrical and Electronics Engineers who will exhibit the necessary technical and managerial skills to perform their duties in society.*
- *To make graduates continuously acquire and enhance their technical and socio- economic skills.*
- *To aspire graduates on R&D activities leading to offering solutions and excel in various career paths.*
- *To produce quality engineers who have the capability to work in teams and contribute to real time projects.*

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COVID-19 Response

Since its outbreak in late December 2019, COVID-19 has wreaked havoc across the world and like any critical sector, education has been hit hard. Students, schools, colleges and universities have been deeply impacted.

In the department of EEE, during the pandemic, TLP continued to be effective through the following modes. The delivery of the sessions was conducted in blended mode for the benefits of the students. VTU examinations were conducted following safety precautions and SOP by Govt of Karnataka.

ICT Resources	
Delivery	Assessment
<ol style="list-style-type: none">1. MS Teams2. PPT3. Google Classroom4. YouTube5. Zoom6. Virtual Labs7. WACOM Writing Pad	<ol style="list-style-type: none">1. Student Response System2. MS Team Form Quiz3. Google Forms Quiz

Additional Learning ICT Resources

1. EDUSAT
2. Digital Library
3. Study Materials
4. CERP
5. Flipped Classroom

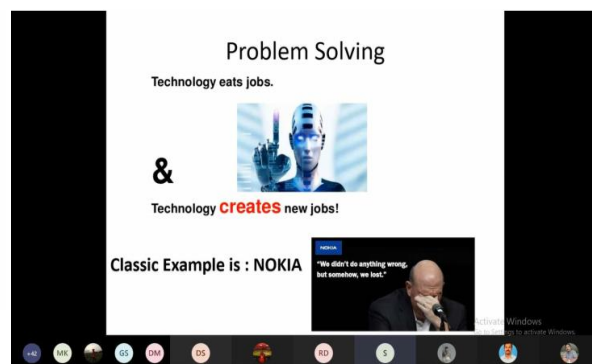
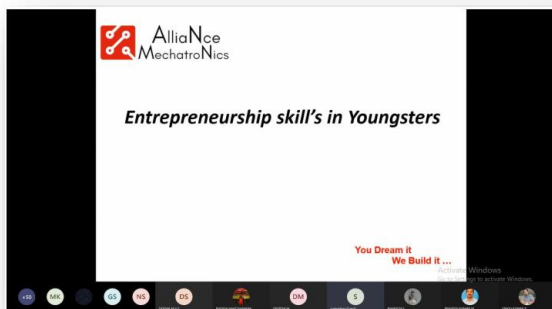
Department Activities

Webinar

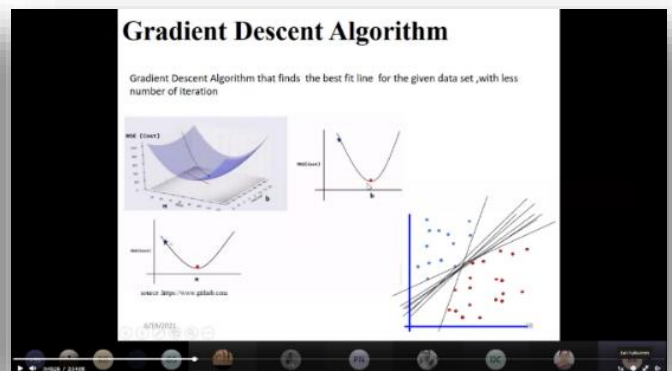
1. The department of Electrical & Electronics Engineering, ATME College of Engineering, Mysuru had organized a Webinar on “IoT in today’s World” for the II and III year of Electrical and Electronics Engineering on 30th May 2021 through Online Platform.



2. The Department of Electrical & Electronics Engineering in association with Training and Placement Department organised a Webinar on “Entrepreneurship Skills in Youngsters” in ATMECE, for Pre-Final year and Final Year Students of Department of Electrical and Electronics Engineering on 5th June 2021.



3. The Department of Electrical & Electronics Engineering, ATMECE had organized a one-day webinar on “Introduction to Machine Learning and Deep Learning” for the III year of Electrical and Electronics Engineering students on 19th June 2021 through MS Teams Online Platform.



State Level Quiz Competition

The Department of Electrical & Electronics, ATME College of Engineering, Mysuru had organised “State Level Technical Quiz Competition on Electrical & Electronics Engineering” on 30th June 2021 through online platform. The target participants were students from Electrical & Electronics Engineering.

ATME
College of Engineering

State Level Technical Quiz Competition on Electrical & Electronics Engineering

Organized by:
Dept of Electrical & Electronics Engineering,
ATMECE, Mysuru

30th June 2021 | 3:15 pm to 6:00 pm

Objectives of the Quiz

- To enhance the technical skills of students in the field of Electrical & Electronics Engineering.
- To improve the analytical, logical and problem-solving skills in students.

Quiz Topics

- Basic Electrical Engineering
- Transformers and Generators
- Electric Motors
- Digital System Design
- Electrical and Electronics Measurements

Workshop on C programming & puzzle

The objective of the workshop is to give students hands-on experience in developing Android applications. The online workshop is intended for students who are interested in computational thinking with App Inventor, and for anyone who would like to learn basic programming skills. It provides many interesting hands-on examples, including simple games and practical tools, to make programming fun and easy even for beginners without any prior programming experience.

ATME
College of Engineering

Department of Electrical & Electronics Engineering
Organizing Webinar On
"C Programming & Puzzles"

Date: 26/6/2021
Time: 11am to 3pm
Target participants: Final Year Students (EEE)
Meeting Platform: Microsoft Teams

Resource Person
Mr. Kiran B
Assistant Professor
Department of Computer Science Engineering
ATMECE, Mysuru.

Objectives of the Webinar
• To enhance the programming skills in students.

EEE_26/6/2021_Webinar on "C Programming & Puzzles"

Participants

Principals (3)
• PRADHEEN KUMAR M
Organizer
• KIRAN B
• VINOD KUMAR P

Attendees (8)
• ARDITHA R
• ASHA P
• ASHWINI D S
• ARADHAN
• ...

Project competition Final year & Hobby projects

The Department of Electrical & Electronics Engineering had organized a National Level Project Competition on 20th July 2021 with the objectives to introduce the students to real-world engineering situations and encourage to develop solutions addressing environment, economic sustainability and societal cause and to create opportunity to the students to exhibit their technical, communicational skills, Research orientation and Project management.

ATME
College of Engineering

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

WELCOME ALL TO
NATIONAL LEVEL PROJECT
COMPETITION

DEPARTMENT ASSOCIATION "QUANTUM" IN ASSOCIATION WITH IEEE STB-35744

IEEE

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Davvy Policy

Milestones

NBA Accreditation
2019-2022

ISO Accreditation
ISO 9001:2015

QS I-GAUGE
GOLD

Website: <https://atme.in/>

Student Achievements

Academic Toppers

IV Semester



Kavya G-4AD19EE007
SGPA-9



Usha C M-4AD19EE020
SGPA-8.88

VI Semester



Aishwarya M
4AD18EE003
SGPA-9



Yaseen Ulla Khan
4AD18EE030
SGPA-9



Rajat P Karavate
4AD19EE421
SGPA-9

VIII Semester



Supritha R- 4AD17EE036
SGPA-9.45



Dhanyatha M- 4AD17EE009
SGPA-9.25

Funding by VTU for Final Year Projects of 2020-21.

Sl. No.	Project Batch No	Project Title	Student Names	Name of Guide
1	11	Smart Disinfection and Sanitization Tunnel	Supritha R Deepthi M Kavya H M Lokesh D	Dr Shakunthala C
2	10	DC Electrification for Rural household with Energy Monitoring System	Varun A Tasmiya Douha Manoj M Prashanth	Mr. Raghavendra L

Best Project Award by KSCST for AY 2020-21

In the 44th Series Student project Programme organised by the Karnataka State Council for Science & Technology, Bengaluru, the Final year students of Department of Electrical & Electronics Engineering, ATMECE Ms. Simrah Fathima, Mr. Mohammed Huzaif, Mr. Hasebulla Baig, Mr. Syed Rawoof Ur Rahaman have won Best Project of the Year award for the project titled “Smart Personal Protective Equipment for Healthcare Workers to combat COVID-19”, under the Guidance of Mr. Shreeshayana R, Assistant Professor.



The Team Achievements in various National Level Project Competitions

College	Competition Type/Date	Place won
Don Bosco Institute of Technology, Bengaluru DBIT- TeXpo-2021	National Level Project Competition 4 th August,2021	1 st
GSSSIETW, Mysuru in association with ISLE and IQAC	National Level Project Competition 17 th July 2021	1 st
ATME College of Engineering, Mysuru in association with IEEE (STB:35744)	National Level Project Competition 20 th July 2021	1 st

National Level Project Competition

The Department association “QUANTUM” in association with the IEEE Student Branch (STB:35744) had organized a “National Level Project Competition” on 20th July 2021 for Final & Pre-Final Year EEE Students through Virtual Platform. **The results of the event are as follows:**

Category: Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_04	SMART PPE KIT FOR HEALTHCARE WORKERS	ATME College of Engineering, Mysuru	SIMRAH FATHIMA	I Place
2	ATME_NLP_10	GREEN INITIATIVE LOW-COST ELECTRIC VEHICLE	Vidya Vardhaka College of Engineering, Mysuru	SAIMA ZULFA	II Place
3	ATME_NLP_08	GAMIFIED PLATFORM FOR INTRODUCTION OF EV DRIVE	BMS College of Engineering, Bengaluru	GURU KIRAN PRABHU	Consolation
4	ATME_NLP_12	AUTOMATIC SANITISER, MASK, GLOVE DISPENSING MACHINE	ATME College of Engineering, Mysuru	MOHAMMED FARIS	Consolation

Category: Pre-Final Year Project

Sl. No.	TEAM ID	Title of the Project	Institute	Team Lead	Award
1	ATME_NLP_16	SINGLE AXIS SOLAR TRACKING SYSTEM	GSSS Institute of Engineering and Technology for Women, Mysuru	MUSKAN BANU	I Place
2	ATME_NLP_05	DTMF CONTROLLED ROBOT USING ARDUINO	GSSS Institute of Engineering and Technology for Women, Mysuru	NANDANA R	II Place
3	ATME_NLP_20	SMART IRRIGATION SYSTEM USING IOT	ATME College of Engineering, Mysuru	GAGANA S	Consolation


Faculty Publications and Achievements


Journals/ Conferences	International	National	Total
Journals	42	-	42
Conferences	29	10	39


Membership of Professional Society


The teaching staff are members of various professional societies including IEEE, MIE, AMIE, ISTE, IAENG.





Placement Details



	
ARPITHA R-4AD17EE002	
Company: Accenture Package:4.5LPA Designation: Software Engineer	Company: Capgemini Package:3.5LPA Designation: Software Engineer
Company: Mindtree Package:4.5LPA Designation: Software Engineer	Company: Qspider Package:3 LPA Designation: Software Engineer





	
PRADEEP K -4AD17EE025	
Company: Hexaware Package: 3.5LPA Designation: Software Engineer	Company: Pentagon Space Pvt Ltd Package:3LPA Designation: Software Engineer
Company: Siemens Package: 5 LPA Designation: Graduate Trainee Engineer	





	
TASMIYA DOUHA-4AD17EE039	
Company: Pentagon Space Pvt Ltd Package:3 LPA Designation: Software Engineer	Company: Kaynes Technology Package:2.5LPA Designation: Project Engineer

	
MANOJ K N-4AD17EE019	
Company: Elcamino Software Solutions Pvt Ltd Package:2.6 LPA Designation: Software Engineer	Company: Pinclick Package: 4.85LPA Designation: Business development executive

			
HARSHA K M 4AD17EE012	AKSHAY D 4AD17EE001	PRIYANKA P D 4AD17EE027	RAKSHITH K N 4AD16EE034
Company: Qspider Package:3LPA Designation: Software Engineer	Company: Infosys Package: 2.8LPA Designation: System Engineer Trainee	Company: Pentagon Space Pvt Ltd Package:3 LPA Designation: Software Engineer	Company: Pentagon Space Pvt Ltd Package:3 LPA Designation: Software Engineer

			
PAVAN M 4AD18EE405	B ROSHAN 4AD17EE007	KIRAN KUMAR G 4AD17EE401	MOHAMMED SHAH FAISAL M P 4AD17EE023
Company: Elcamino Software Solutions Pvt Ltd Package: 2.6 LPA Designation: Software Engineer	Company: Elcamino Software Solutions Pvt Ltd Package: 2.6 LPA Designation: Software Engineer	Company: Elcamino Software Solutions Pvt Ltd Package: 2.6 LPA Designation: Software Engineer	Company: Elcamino Software Solutions Pvt Ltd Package: 2.6 LPA Designation: Software Engineer

			
VARUN A 4AD17EE040	DEEPTHI M 4AD17EE008	SHWETHA N 4AD17EE033	ASHA P 4AD17EE004
Company: Elcamino Software Solutions Pvt Ltd Package: 2.6 LPA Designation: Software Engineer	Company: VerZeo Technologies Package: 5 LPA Designation: Software Engineer	Company: VerZeo Technologies Package: 5 LPA Designation: Software Engineer	Company: Kaynes Technology Package: 1.8 LPA Designation: Apprenticeship Graduate Trainee

			
RACHANA K GOWDA 4AD17EE028	ASHWINI C R 4AD17EE005	SUPRITHA R 4AD17EE036	IMPANA S G 4AD18EE401
Company: Qapitol Package: 2.5LPA Designation: Software Engineer	Company: Global Quest Technologies Package: 3LPA Designation: Software Engineer	Company: Global Quest Technologies Package: 3LPA Designation: Software Engineer	Company: Global Quest Technologies Package: 3LPA Designation: Software Engineer

Social Outreach Activities

The Pre-final year students Mr. Pavan Raj, Mr. Shrikatasharma M S, Mr. Vijay Kumar C, Mr. Bharath S, Mr. Purushotham P S and Mr. Lokesh B K have participated in the NSS camp at Beligerehundi, TNarasipura Taluk, Mysuru District from 27th September to 1st October 2021.



During the camp, various social activities were addressed, like creating awareness on the precautions to be taken during pandemic, importance and need of Rain water harvesting, importance of bio-fuel and different Bank loan facilities offered under various Government schemes for Farmers and self-employed. Further, blood donation camp, free Primary health check-up and tree planting activities were conducted.

During the camp, Cultural programs were held. Further various competitions were held for the Govt Primary School students such as Essay writing, Sketching, etc. Prizes were distributed to the winners.

Testimonial by Alumni

1) Siddiq Ahmed Khan

Oracle Tech Developer, KPMG Global Services

At the very outset I would like to express my heartiest thanks to the ATME family. I extend my warm regards to my department, The Dept. of Electrical & Electronics Engineering which has immensely helped me to succeed. It was a wonderful experience at ATME College of Engineering with an excellent exposure provided across the various platforms. The Head of the Department and faculty are very supportive and encourage students to push boundaries to rise above expectations.



ATME targets for an overall development of every student, be it education, cultural awareness or practical exposure of business world like industrial exposure. The placement activities are pretty much good and come up with training on how to conduct oneself and face interviews confidently. The ambiance of the campus is very positive and the whole experience is very good and there has always been support and motivation from the departments to pursue our dreams.

2) Sanjana S

Soft ware Engineer, IDEMIA (form erly Morpho S.A.S)

ATMECE has been nothing less than what I had hoped for. Supportive faculties, beautiful campus, quality of education and amazing friends. It's everything one need from a college, It has thought me things far beyond bookish knowledge and helped in broaden my horizon. In additional to professional training, they also serve as a platform to exhibit talent in sports and other extracurricular activities, which helps in overall development of students.



I have learnt a lot and enjoyed a lot. I feel so glad that our college got NBA accredited within a short period of time. It was really my great journey in ATME in the department of EEE. Very big thanks to all my faculties and friends for this amazing journey. Feels so pleasure to carry a bag full of memories and to be a part of this institution.

News Letter Student Editorial Committee



Mr. Roshan B
VIII Sem, EEE
Student Co-editor



Ms. Aishwarya M
VI Sem, EEE
Student Co-editor

Link to Virtual Campus Tour : <http://surl.li/aooowi>



"To succeed in your mission, you must have single-minded devotion to your goal"-

Dr APJ Abdul Kalam
