



# METRON

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DEPARTMENT OF ELECTRONICS  
&  
INSTRUMENTATION ENGINEERING

WISHING YOU A  
MERRY CHRISTMAS



## VISION

The department strives to enrich professionals of high competency in the arena of Instrumentation Engineering & mould them to adopt the crux of matter in the field of Automation

## MISSION

To prepare the students to envisage beyond the hypothetical thinking & belong to a new era of acquisition & application of Instrumentation Technology to meet the requisition of the changing world

# Christmas Message



**Dr. G. Glan Devadhas**  
**HOD EIE & Vice Principal**  
**Vimal Jyothi Engineering College, Kannur**

**Dear Friends!!! Peace to the world.**

It's that time of year again. December has come and with it all the joys of Christmas.

Christmas is a season of great joy. It is a time of God showing his great love for us. It can be a time of healing and renewed strength. Christmas is when we celebrate the birth of the Christ child. God sent his Son, Jesus, into the world to be born. His birth brought great joy to the world. Shepherds, wise men, and angels all shared the excitement of knowing about this great event. They knew this was no ordinary baby. The prophets had told of His coming hundreds of years before. The star stopped over Bethlehem just to mark the way for those who were looking for this special child.

On seeing Jesus in a manger, our souls move to humility. Christmas moves our lips to give praise to God for his grace, love and good news. In the whirlwind of Christmas, exhausting in its hectic pace, it would do us good to pause, to hear the rush of angel's wings and to hear God's message as announced afresh. "Christ, the savior has come. Salvation to all mankind. Rejoice! Do not be afraid. Nothing is impossible with God."

But what is the real meaning of Christmas? Is it the gifts under the tree, the lights in the windows, the cards in the mail, turkey dinners with family and friends, stockings hanging in the living room, and shouts of "Merry Christmas" to those who pass us in the streets? Is this really Christmas?

No, not at all.

- Christmas reminds us of the importance of giving and sharing with friends, family and the needy.
- Christmas shows the importance of joy and happiness.
- Christmas, reveals us that Jesus birth is the beginning of great things in the world.
- Christmas is also an opportunity to correct actions in our lives, to think about nature and the reason for our existence.
- Christmas gives us the message to forget jealousy, hatred and selfishness.

God loves all and turns His back to none, whether good or twisted, ignorant or wise. Now, at Christmas, let us reshape souls and roots. Let us give our heart like a burning star to those lonely sighs which needs such a time for love and fun.

Look at Christmas in a new way this year. This is the year to invite Jesus into your heart. You will then have a "Merry Christmas". "Love one another", our savior said. Peace on earth will come to stay, when we live Christmas every day. Christmas is all about love, not things. Let's teach our children to serve and create the real joy which the true Christmas brings. The joy and peace you receive will last all year.



## STARTLINE

Department of electronics & Instrumentation Engineering conducted the program STARTLINE to introduce the department to first year students on 29<sup>th</sup> November 2021. Ms. Reshma K V, AP EIE welcomed the gathering.

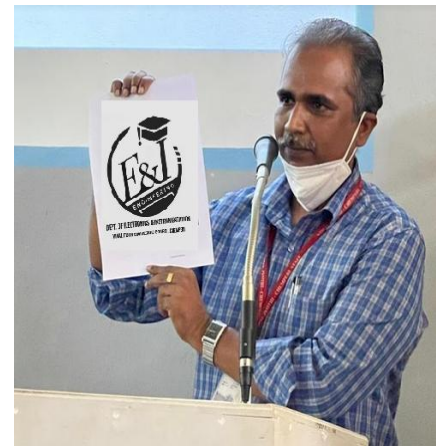
Dr. G Glan Devadhas, Vice Principal & HOD EIE, delivered the presidential address. Placement coordinator of the department Ms. Shanya A, explained about Placement activities of department and placement status of current pass out students. Prize list of 'INSTRUS 2021' declared in this occasion and distributed the Prizes. Ms. Jinsa Mathew, AP EIE delivered the vote of thanks.



## DEPARTMENT LOGO



The logo for the Electronics & Instrumentation Engineering Department is designed and Released as a part of Tech-fest – logo design Competition in “INSTRUS2021”. Dr. G Glan Devadhas, Vice Principle & HOD EIE officially released the logo. Mr. Jiss George, S7 AEI won the prize for logo design.



## LAMP LIGHTING AND OATH TAKING CEREMONY

Department of Electronics & Instrumentation Engineering and Department of Electrical & Electronics Engineering of Vimal Jyothi Engineering College welcomed our first year students of 2021-25 batches with a celebration of glory and pride on 22<sup>nd</sup> November 2021. Ms. Laly James HOD EEE welcomed the gathering. Dr. G Glan Devadhas, Vice-Principal & HOD EIE, presided the event. Rev. Fr. Pious Padinjaremuriyil addressed the gathering and blessed the students with lighting the lamp and sharing the light. Dr. G Glan Devadhas, Vice-Principal & HOD EIE lead the pledge taking ceremony.



## ALUMNI INTERACTION



Mr. Tinu Thomas  
(2007-2011 Batch)  
Instrumentation Commissioning Engineer  
HMEL-GGSR, Punjab

The Department of Electronics and Instrumentation Engineering organizes an Alumni interaction with the current batch students on Saturday, 4<sup>th</sup> December 2021 through Google meet. The head of the department, Dr. G. Glan Devadhas, delivered a welcome speech. Mr. Tinu Thomas, 2007-11 batch, Instrumentation Commissioning Engineer HMEL - GGSR, Punjab, shares his industrial exposure, the demand of instrumentation engineers in the automation industry. He also expresses his gratitude to the department and the college. All the students and faculty members of Electronics and Instrumentation Engineering have actively participated in the event. Ms. Reshma KV, Assistant Professor EIE, & Alumni In charge delivers the Vote of Thanks, and coordinated the Event

# STUDENT ACHIEVEMENTS

## KTU UNIVERSITY RESULT DEPARTMENT TOPPERS

### FIRST SEMESTER



**Aswin Vinod C**  
SGPA 10



**Aswin T S**



**Ayana P V**

### THIRD SEMESTER



**Dileep C**  
SGPA 9.36



**Prabin Baby**



**Justin George**

### Congratulations



**Ms. Sneha Jose- S7 AEI**  
Placed in **TCS** and  
**Technologics Global Pvt Ltd**

### Congratulations



**Mr. Athul T P- S7 AEI**  
Successfully completed NPTEL on line  
course on **Semiconductor Devices &  
Circuits**

## **Placement report of 2020-21 Batch, AEI**

We the department of electronics and instrumentation have an active department placement cell and central placement cell. Department placement cell supporting and encouraging our students for 100 percent placement. As a part of placement activity we started a placement supported diploma course on “Post graduate diploma in Industrial automation (PGDIA) since 2015 in order to place our student in the core engineering sectors such as in the area of industrial automation. Program is conducted by Sree Technologies, a franchise of prolific systems Pvt Ltd. Chennai. Duration of the course is 21 days .After completing the course student will be awarded with a valid certificate of completion issued by Sree Technologies. We are ensuring 100 percent placement for our students after successful completion of the course. During the current academic year we conducted the Course for 2017-21 AEI batch from 22<sup>nd</sup> July 2021 to 15<sup>th</sup> Aug 2021. There are 23 students participated in the course, and successfully completed. Placement dives are conducted batch wise and 16 students were placed till now in the instrumentation and automation companies such as Digital instrumentation and control system, Solaric control system, Primo Automations, Eurocon instruments ltd etc.

Also we have well supported central placement cell. Also five students got offers from top reputed companies TCS, Infosys and UST global on this academic year.

**Ms. Shamy A**

**AP, Placement coordinator of EIE**





# VIMAL JYOTHI ENGINEERING COLLEGE

## DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

### Congratulations

#### Digital Instruments & Control systems



Sarath Chandran



Mathew Sebastian



Pranav C



Akshay K



Anandhu Prakash

#### Eurocon Instruments Pvt Ltd

#### Accurate Automation & Control



Sreehari



Yadulekh J

#### Primo Automation Systems Private Limited



Vishnu KK



Amal Raj P

#### Infosys, Qspider



Jis Mathew

#### Satt Industrial Automation Private Limited



Abhishek K



Jince Joseph

#### UST Global



Pranav C



Sreehari

#### Solaric Control System



Robin Jose

#### Intelle Power System Coimbatore



Vishnu M T



Anurag NP



Ramgeeth V P



Akshy P

# 100% PLACEMENT IN 2017-21 BATCH

# UPCOMING EVENT



## Third International Conference on Intelligent Computing and Instrumentation Control Technologies

ICICICT 2022

Technically Co-Sponsored by IEEE Kerala Section  
IEEE Conference Record Number: #54557

*Theme*

“Computational Intelligence  
for Smart Systems”

11th & 12th  
August 2022



Organized by  
The Department of  
Electronics and Instrumentation Engineering  
VIMAL JYOTHI ENGINEERING COLLEGE  
JYOTHI NAGAR, CHEMPERU, KANNUR,  
KERALA, INDIA



## POs and PSOs of Department

### POs

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

**Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conditions using first principles of mathematics, natural sciences & 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 & 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 & interpretation of data, and synthesis of the information to provide valid conclusions.

**Modern Tool Usage:** Create, select & apply appropriate techniques, resources & modern engineering & IT tools including prediction & modeling 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 & cultural issues & the consequent responsibilities relevant to the professional engineering practice.

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

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

**Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multi disciplinary 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 own work, as a member and leader in a team, to manage projects and in multi disciplinary 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.

### PSOs

Students will have the ability to explore the design, installation & operation of the basic instrumentation systems used in industrial environments.

Students will have a strong foundation in mathematical, scientific & engineering fundamentals necessary to formulate, solve & analyze instrumentation problems related to industry & research



### EDITORIAL BOARD

STAFF INCHARGE: JINSA MATHEW

STUDENT EDITOR: ASWIN CHAND