



# METRON

ELECTRONICS & INSTRUMENTATION ENGINEERING DEPARTMENT



## STAFF PUBLICATIONS & ACHIEVEMENTS

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### List of students who got placement

1. Aparna S (3 companies)
2. Swetha N E
3. Bijo Joseph
4. Sajitha V V
5. Abhina A
6. Jishnu S (2 companies)
7. Sanjana Anand
8. Sreethu P R
9. Surya Sunil
10. Sherin Thomas
11. Anjali Jose
12. Anushree K

1. Rahul Antony, Reema Mathew, Divya K & Teenu Jose published a paper titled **Multi Security System using GSM & PIC 16F877A** in International Journal of Advanced Research in Computer Science & Software Engineering.
2. Ann Soniya, Keerthi Chacko, Avinash K K & Akhil Jose published a paper titled **Implementation of Solar powered voice Recognition Robot** in Global Journal for Research Analysis.
3. Vimal Kumar, Teenu Jose, Rahul Antony & Dhanoj M published a paper titled **LabVIEW based PID Controller for flow process station** in Global Journal for Research Analysis.
4. Reema Mathew, Rahul Antony, Sheeba V & Reshma K V published a paper titled **Automatic Gate Keeping system based on License Plate Detection using MATLAB** in International Journal of Advanced Research in Science & Engineering.
5. Dhanoj M, Reshma K V, Sheeba V & Marymol Paul published a paper titled **Colour Sensor based Object sorting Robot using Embedded system** in International Journal of Advanced Research in Computer & Communication Engineering.
6. Divya K V, Abdul Latheef, Keerthi Chacko & Clint Augustine published a paper titled **Remotely operated Underwater vehicle for metal detection** in International Journal of Advanced Research in Computer & Communication Engineering.
7. Shinu M M, Avinash K K, Vimal Kumar & Abdul Latheef published a paper titled **Hazard analysis in distribution section of P LNG using HAZOP Methods** in Indian Journal of Research.
8. Sheeba V, Marymol Paul, Akhil Jose & Avinash K K published a paper titled **Automatic sleep stage classification** in International Journal of Electronics, Electrical & Computational Systems.
9. Avinash K K, Akhil Jose, Dhanoj M & Shinu M M published a paper titled **Design of Adaptive controller for a level process** in International Journal of Scientific & Engineering Research.
10. Abdul Latheef, Shinu M M, Clint Augustine & Rahul Antony published a paper titled **LabVIEW based PID Controller for Cylindrical Tank Level Controlling** in International Advanced Research Journal in Science, Engineering & Technology.
11. Teenu Jose, Divya K V, Marymol Paul & Ann Soniya published a paper titled **A method for reducing Three phase power capacitor Switching transients** in International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering.
12. Akhil Jose, Clint A, Shinu M M, Keerthi Chacko published a paper titled **Performance study of PID Controller & LQR Technique for Inverted Pendulum** in World Journal of Engineering & Technology
13. Marymol Paul, Ann Soniya, Reshma K V, Reema Mathew published a paper titled **Automatic Fire fighting robot** in International Journal of Advanced Research in Computer Science & Software Engineering.
14. Reshma K V, Dhanoj M, Reema Mathew, Divya K published a paper titled **Patient Monitoring system using GSM interfaced with Lab VIEW** in International Journal of Science & Technology.
15. Keerthi chacko, Vimalkumar, Abdul Latheef, Sheeba V published a paper titled **Study and Design of PID controller and State Observer Technique for Inverted Pendulum** in Journal of Control and Instrumentation.
16. Mr. Keerthi Chacko, Mr. Abdul Latheef & Mr. Dhanoj M had attended a workshop conducted by College of Engineering, Trikarippur, sponsored by TEQUIP on LaTeX—A Document preparation system from 27th April to 29th April 2015.
17. Ms. Reema Mathew had attended the meeting of institute representatives for the discussion on PG Syllabus restructuring for cluster No.10 of KTU on 3RD June 2015 at GEC, Kannur

## BID ADIEU TO OUR EMINENT FACULTIES



**TEENU JOSE**

**DOJ: 1 JUNE 2012**

**DOL: 5 MAY 2015**



**MARYMOL PAUL**

**DOJ: 27 MAY 2013**

**DOL: 30 APRIL 2015**



**SHEEBA V**

**DOJ: 05 JAN 2015**

**DOL: 30 MAY 2015**

Farewells more than a time to bid adieu are moments to encourage and give your best wishes to someone for their new journey. It is the opportunity to bring forth your emotions, to reminisce and to let nostalgia over take..

You have always let your Work speak for you. Let your honesty answer all criticism. Your suggestions averted disasters. You are leaving behind a lot of lessons to practice. Parting has a bitter sweetness. Bitter for the present separation and sweet for the future longing. Hope this farewell is for a short period - As you embark upon a new path, let us wish you many moments of hap-

piness success and achievements. May in each moment you live your dreams. Good byes are always sad Pictures never replace the presence Memories, good or bad. Always bring tears And words are no substitute for feelings. You will be missed, good bye friends.

### RESULT ANALYSIS OF S3 (2013-17) & S5 (2012-16)

#### S3 (2013-2017)

Engineering Maths—Mr. Mithun A T (31.25%)  
 Humanities—Sr. Lillykutty (96.88%)  
 Electrical Engineering—Mr. Jithin K Jose (65.63%)  
 Solid State Devices—Ms. Kavya V R (50%)  
 Network Theory—Mr. Shinu M M (46.88%)  
 Electronic Circuits I—Ms. Reema Mathew (31.25%)  
 Basic Electronics Lab—Mr. Shinu M M/Mr. Keerthi (81.25%)  
 Electrical Engineering Lab—Mr. Sarin/Mr. Prabin (71.88%)  
 Pass Percentage = 18.75%

#### S5 (2012-2016)

Engineering Maths IV—Mr. Jobish(87.5%)  
 Economics & Business Management—Mr. Vasudevan(87.5%)  
 Industrial Instrumentation I—Ms. Reshma K V (100%)  
 Computer Organization & Architecture—Mr. Dhanoj M (95%)  
 Linear Integrated Circuits—Ms. Divya K V (87.5%)  
 Microprocessors & Microcontrollers—Mr. Vimal Kumar (40%)  
 Linear Integrated Circuits Lab—Mr Clint/Ms. Divya K (100%)  
 Computer Programming Lab—Ms. Rahul/Sis Jisha (82.05%)  
 Pass Percentage = 35%

**PLACEMENT TRAININGS were conducted for the second year & third year students from 18 May 2015 & 25 May 2015 respectively till 30 May 2015.**

### VISION & MISSION OF THE DEPARTMENT

#### Vision:

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

#### 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.

## OUR NEW CAFETERIA



Our New Cafeteria was inaugurated on 25 May 2015. It is run by the College Management. The new cafeteria has a capacity to accommodate 300 students at a time. The food served there is healthy, clean and tasty.

### 5 Days Workshop on Intellectual Property Rights

A Five days workshop on Intellectual Property Rights was conducted from April 6th to 10th 2015 by EEE Department of Vimal Jyothi Engineering college. Some of the staffs from EIE Department had undergone the training. The staffs who participated were Mrs. Divya K Vinod, Mrs. Reema Mathew, Mrs Teenu Jose, Mrs Ann Soniya Micheal, Mrs. Marymol Paul, Mr. Akhil Jose, Mr. Avinash K K, Mr. Dhanoj M. The workshop gave an insight about how to safeguard our findings.

## HEARTY WELCOME TO OUR NEW FACULTIES TO VIMAL JYOTHI FAMILY



**Ms. Shamy A**  
M.Tech in Industrial Electronics



**Mr. Manu Francis**  
M.Tech in Applied Electronics & Instrumentation



**Ms. Divya Mary K**  
M.Tech in Control & Instrumentation

The Electronics & Instrumentation department is proud to welcome our new staffs. These staffs have been well qualified & have great exposure to the outside world. Their service & support would be of a great support for the betterment of the department as well as college.

## TUTORS FOR THE ACADEMIC YEAR (2015-2016)

S3/S4 AEI



**Mr. Manu Francis**



**Ms. Shamy A**

S5/S6 AEI

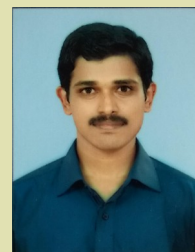


**Mr. Shinu M M**



**Mr. Keerthi Chacko**

S7/S8 AEI



**Mr. Vimal Kumar**



**Ms. Reshma K V**

**S3 UNIVERSITY RESULTS (2013-2017 BATCH)**

**Akhil Joseph**  
1st Rank



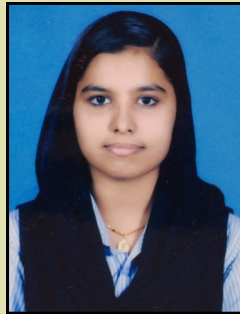
**Drushya Sasidharan**  
2nd Rank



**Fathima Moideen**  
3rd Rank

**S5 UNIVERSITY RESULTS (2012-2016 BATCH)**

**Bini Vishvanath**  
1st Rank



**Farsana T K**  
2nd Rank



**Sanisha Sathyanjan**  
3rd Rank

**PROGRAM EDUCATIONAL OBJECTIVES**

1. Graduates will achieve broad and in-depth knowledge of Electronics and Instrumentation Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
2. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.
3. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Electronics and Instrumentation Engineering, but also that are important to society
4. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.

**EDITORIAL BOARD**

**Staff in Charge: Mr. Akhil Jose (+919497820164)**

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**Student in Charge: Tony Thomas (+919745403034)**