



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 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

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"Live as if you were to die tomorrow; learn as if you were to live forever."-
Mahatma Gandhi

METRON

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OCTOBER 2019

Participated on National Science and Technology Fair 2019



Three students our department, Febin J Nalappat, Athul Prasanth and Aswin Sudhan along with our faculty Prof. Dr V. Sampath Kumar presented **Automatic puttu making machine** and **Automatic broom making machine**, on National Science and Technology Fair 2019 in connection with Golden Jubilee Year of Coimbatore District Small Industries Association (CODISSIA).

Participated in National Level Boot Camp & Exhibition - 2019 at AICTE New Delhi

Febin J Nalappat and Athul Prasanth of seventh semester Electronics & Instrumentation Engineering students attended national level boot camp and exhibition held at AICTE New Delhi on 9th to 11th September. And they exhibit their project on AUTOMATIC PUTTU MAKING MACHINE. The proposal was selected from a regional mentoring session held at Marian Engineering College, Trivandrum, organized by MHRD Innovation Cell. A total of 73 teams from all over India were selected for participating for "National Boot Camp and Exhibition - 2019 – and they were one among the 24 teams which got selected for the final round of evaluation for incubation support and further funding assessment and one among the five groups which got selected

CONGRATULATIONS



SREEHARI

Outstanding performance by securing six O+ in 4th semester B.Tech exam



SEBASTIAN JACOB



SNEHA JOSE

Outstanding performance by securing eight O+ in 2nd semester B.ech exam

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION
ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE
CONGRATULATIONS

Mr.Athul Mr.Aswin Mr.Alan Mr.Febin

Selected for National level Boot camp and Exhibition to be organized by MHRD's Innovation Cell and AICTE

Project Name:-**AUTOMATIC PUTTU MAKING MACHINE**

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA) AICTE

PLACEMENT 2019 PASSOUT BATCH



JERLIN JOYKUTTY

HTA INSTRUMENTS



JITHIN P K

HTA INSTRUMENTS



TONY REMEGIUS

HTA INSTRUMENTS



SAJIN JANARDHANAN
HTA INSTRUMENTS



AKSHAYA P P

VIPA AUTOMATION



POOJA PAVITHRAN

VIPA AUTOMATION



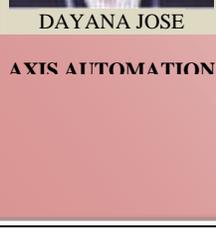
ABHIJITH J

VIPA AUTOMATION



RAHUL K

VIPA AUTOMATION



DAYANA JOSE

AXIS AUTOMATION



ARUN JOSE

MKS SYSTEMS

CONGRATULATIONS

FDP

- ❖ Dr Glan Devadhas- attended AICTE- UKIERI 2019 , leadership program

WORKSHOP

- ❖ Dr V Sampath Kumar- attended IIC 2.0 orientation session & ARIIA 2020 orientation session

Mou SIGNED

- ❖ Dr V Sampath Kumar- IEDC has signed an MoU with Sinpar Enterprises

PUBLICATIONS

- Dr Glan Devadhas- Design and development of new control technique for standalone PV system, ELSEVIER(SCOPUS INDEX)

UPCOMING EVENTS

- **ORUVATTAMKOODI 2019-** VJEC Alumni meet on 12th October 2019, 4 pm @ St. Mary's Church Auditorium Thaliparamba.



- Two Days workshop on **Industrial automation Using Arduino and Raspberry pi** on 24 & 25 th Oct 2019

ONOLSAYAM 2019



Vimal Jyothi Engineering College celebrated the Onolsavam 2019 on 7th September 2019. Onolsavam was started with procession followed with different game sections and end with Onasadhya.

PTA MEETING



The first PTA Meeting of this semester was conducted from 16th to 19th September 2019 for all the semesters. The Principal Dr. Benny Joseph gave the welcome speech. In his speech he mentioned the need and importance of conducting PTA meetings and of interaction of parents with teachers. HODs from various departments addressed the parents. Rev. Fr James Chellamkottu in his address, informed the parents about the constraints within which the academic activities of the Institute are progressing. The top performing students in the first series exam, from each class were honored with prizes. A session exclusively for parent-student-faculty interaction was also held.

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



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