



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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“Science can amuse and fascinate us all, but it is engineering that changes the world.”
—Isaac Asimov

METRON

VIMAL JYOTHI ENGINEERING COLLEGE
ELECTRONICS & INSTRUMENTATION ENGINEERING DEPARTMENT

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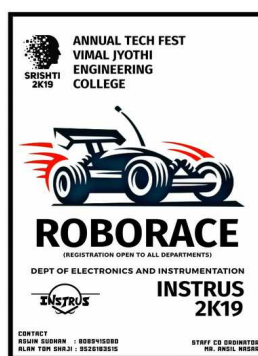
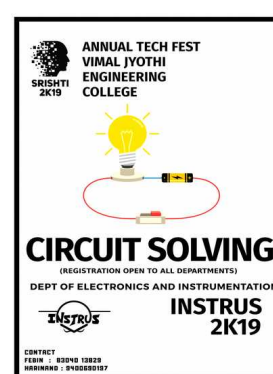
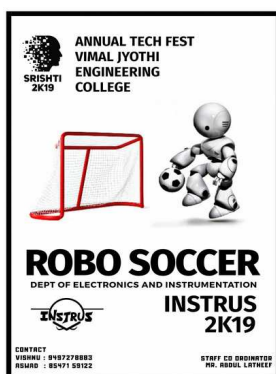
APRIL 2019

INSTRUS 2K19 - ANUAL TECH FEST



Department tech fest INSTRUS 2K19 was conducted on 30th March 2019 as part of the college annual technical fest SRISHTI 2K19. Students of the department exhibited their projects during the event. Students across all departments competed in the event robo race and circuit solving competition. robo soccer, robo penalty shootout and sweet factory were the other highlights of the event. The event was a success with the support of the management and active participation of the staff and students of the department. Students worked day and night to organize the event and arrange the auditorium with full enthusiasm. This was a platform for students to show case their technical skill and creativity

INTRUS 2K19 - PHOTO GALLERY



Faculty Initiatives

- Dr. Glan Devdas received Rs. 5,00,000/- from AICTE for conducting STTP.
- Dr. Gan Devadhas - Project proposal recommended by TAC and approved for funding by ANERT.
- Dr. V Sampath Kumar attended MHRD leadership program on 19th March 2019.
- Dr. V Sampath Kumar organised workshop on Python Programming for IEDC on 19,20 March 2019.
- Dr. V Sampath Kumar applied for UBA, Setting UPG Center for e-waste collection
- Dr. V Sampath Kumar applied for funding at KSCSTE for "Fully automatic waste management".
- Dr. V Sampath Kumar applied for funding at KSCSTE for "Automatic Trash removal".
- Dr. V Sampath Kumar - Signed MoU between Malabar Innovation Entrepreneurship Zone and VJEC.

Faculty Publications

- Dr Glan Devadhas published a paper titled “Analysis of fractional order PI Controller with Cuckoo optimization” (IJRTE).
- Dr Glan Devadhas published paper titled “Design of novel controller to maintain DC level of PV System” (IJRTE)
- Dr Glan Devadhas published paper titled “Development of adaptive PID” (IJAER)

Vimal Jyothi Engineering College is NAAC Accredited

Vimal Jyothi Engineering College is accredited with a CGPA of 2.67, at B+ grade for a period of 5 years.

Upcoming Events

IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT-2019)

Department of Electronics & Instrumentation Engineering is organising the second **IEEE International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT-2019)**, during 05th -06th July 2019 with the theme of **Intelligent Systems for Smart World**. The registered and presented papers will be eligible for submission to the IEEE digital explore library for publication with ISBN XPLORÉ COMPLIANT 978-1-7281-0283-23. The Extended version of the conference papers will be published in SCI, SCOPUS indexed journals.

Important Dates:

Full Paper Submission	30 th April 2019
Notification of Acceptance	15 th May 2019
Camera Ready Paper Submission	20 th May 2019
Author's Registration	20 th May 2019
Conference Date	5 th , 6 th July 2019



INTERNATIONAL CONFERENCE
ON



ICICICT-2019 5th & 6th
JULY 2019

Organized by
THE DEPARTMENT OF
ELECTRONICS & INSTRUMENTATION ENGINEERING
VIMAL JYOTHI ENGINEERING COLLEGE
JYOTHI NAGAR, CHEMPERI
KANNUR, KERALA, INDIA

In association with,
IEEE India Council
&
IEEE India Council Circuits and Systems Chapter

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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