



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 is a beautiful gift to humanity; we should not distort it”-. A. P. J. Abdul Kalam.

METRON

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FROM THE DESK OF THE HEAD



Prof. Reema Mathew

Dear All,

It gives me immense pleasure to present the news letter ‘Metron’ which exhibits the various information about the department. The month of June and July was really fruitful for the department in terms of academics and cocurricular activities. The department got first rank in Kerala when eighth semester KTU result of 2015-19 batch was declared. I congratulate faculties and students for this outstanding achievement. Our placement records has always being very impressive, with the large number of students being placed in 2019 in reputed companies. Congratulations to all the placed students.

The department could organize the IEEE sponsored, Second International Conference ICICICT-2019 successfully on July 5th and 6th. There were more than 310 papers for presentation from various countries. I take this opportunity to congratulate the staff members and students of EIE dept to make this event a grand success. The department of EIE organized an AICTE sponsored STTTP on ‘Engineering education- A Transdisciplinary approach’ during 16th to 23rd July 2019. Congratulations to Dr Glan Devadhas for coordinating this STTTP. Also I thank the Management and Principal of VJEC for their whole hearted support , to make these two events a reality.

Now we have entered into the new academic year with new expectations. I wish all the very best to all my students for an excellent academic performance in this semester. I would like to thank all my colleagues for their hard work which help the department progress at a very steady pace. I congratulate the news letter team because of their tireless effort, it could release in time.

SECOND INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING, INSTRUMENTATION AND CONTROL TECHNOLOGIES

The Department of Electronics & Instrumentation Engineering conducted Second International Conference on Intelligent Computing, Instrumentation And Control Technologies (ICICICT-2k19) on 5th & 6th July 2019. The conference was inaugurated by **Dr. RAJASREE M S**, honorable vice chancellor, Dr APJ Abdul Kalam Technical University. Dr. G Glan Devadas, Conference Co-ordinator, Introduced the guest & dignitaries to audience. Dr. Benny Joseph, Principal VJEC welcomed the dignitaries. Presidential Address is done by Mar. Joseph Pamplany, Chairman VJEC, and special address is done by Dr. Ajith Abhaham, Director, MIR Lav, USA.



Dr. RAJASREE M S, honorable vice chancellor, Dr APJ Abdul Kalam Technical University, lighting the inaugural ceremony of second ICICICT



STTP ON “ENGINEERING EDUCATION A TRANSDISCIPLINARY APPROACH IN ENGINEERING”

The Department of Electronics & Instrumentation Engineering Conducted AICTE Sponsored 6 days Short Term Training Programme on “Engineering Education - A Transdisciplinary Approach in Engineering” from 16th July '19 to 21st July '19. The programme was inaugurated by Dr. S. Padmakumar, Registrar, APJ Abdul Kalam University.



GRADUATION DAY 2019

The Graduation day of 2015-19 batch was conducted on 23-07-2019. The events began with an Academic Procession. Dr. Benny Joseph, Principal, Vimal Jyothi Engineering College welcomed the gathering. Dr. Sivaji Chakravorti, Director, NIT Calicut was the chief guest of the function. His Grace Mar Joseph Pamplany, Chairman of Vimal Jyothi Institutions, Auxiliary bishop of Thalassery Archdiocese gave the opening address. Rev. Fr. James Chellamkottu, Manager Vimal Jyothi Institutions delivered his honouring address. Rev. Fr. George Asarikunnel, Bursar, VJEC lead the pledge taking ceremony by the graduate engineers.



JYOTHIRGAMAYA & MERIT DAY

Vimal Jyothi Engineering College, Chemperi welcomed our first year students of 2019-23 batch with a celebration of glory and pride on 24-07- 2019 . Msgr. Mathew M Chalil, the Foudrer Chairman of VJEC, inaugurated the function. Rev Fr James Chellamkottu, Manager, VJEC welcomed the gathering. Dr. Benny Joseph, Principal, VJEC, presided the event. Mr. M T Madhusoodanan, PTA vice president delivered the felicitation. Rev.Fr. George Asarikunnel, Bursar, VJEC lead the pledge taking ceremony. With the intention of honouring our students who have excelled in the fields of academics, sports, arts and other co curricular activities, a Merit day was conducted on 24-07-2019. The prizes were distributed to these students. The faculty of VJEC were also honoured for their best performances in creating excellent academic results in the university examinations. Prof. Jomy Jose, the event Coordinator, delivered the vote of thanks.



BOOT CAMP

An introductory class to the engineering stream especially in Instrumentation engineering for the newly joined student were conducted in Vimal Jyothi Engineering College. The program was to make them familiar with Instrumentation engineering & its scope and also to improve their overall personality and attitude. Around sixteen students participated in the five-day program.



FACULTY AWARDS

Congratulations for producing outstanding result in KTU Exams held in April & December 2018

- Prof. Reema Mathew
- Dr. V Sampathkumar
- Mr. Clint Augustine
- Ms. Shamy A
- Mr. Ansil Nazer

GRADUATED

M.Tech Control and Instrumentation Engineering
2017-19 BATCH



ATHIRA R SHANKER

FACULTY PUBLICATIONS

- Dr Glan Devadhas- Detection of PH neutralization technique in multiple tanks using ANAIS controller, microprocessor and microsystem- ELSEVIER (SCOPUS INDEX)

TOPPERS



KHADEEJA BEEVI



POOJA PAVITHRAN



JISS JAISON



DRISHYA K



JOYAL JOY



NAVAMI MANOHARAN



SREEHARI



ROBIN JOSE



YADULEKH J



SEBASTIAN JACOB



SNEHA JOSE



ATHUL T P

BID ADEAU

We bid farewell to
Mr. Muhammed Jishad K T
and
Mr. Clint Augustine,
Assistant Professors in EIE
Department. We wish
them all success in their
future and career



Mr. Muhammed Jishad K T



Mr. Clint Augustine

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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