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METRON

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION

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

INSIDE THIS ISSUE

- CHRISTMAS CELEBRATION- Page 1
- PTA MEETING- Page 2
- STUDENT REPRESENTATIVES – Page 3
- UPCOMING EVENTS- Page 5

“Science is about knowing,
engineering is about doing.”

– Henry Petroski

CHRISTMAS CELEBRATION

Christmas is the festival which inspires the spirit of sharing and caring. Department of Electronics & Instrumentation conducted an online Christmas celebration on 22nd December 2021.



PTA MEETING

A PTA Meeting for S3 AEI & S5 AEI was conducted on 4th & 5th January 2022. Manager of VJEC Fr. James Chellamkott, Principal Dr. Benny Joseph, Head of the Department were present. Placement officer, staff advisors, class representatives also attended the meeting.



PTA meeting for S1 AEI conducted on 20th January 2022 at Varikkattu hall, to Discuss the academic performance of the students. Manager of VJEC Fr. James Chellamkott, Principal Dr. Benny Joseph, Head of the Department were present in the meeting.



COLLEGE ELECTION 2022

OUR REPRESENTATIVES



Mr. Sebastian Jacob
S7 AE



Ms. Sneha Jose
S7 AE



Mr. Justine George
S5 AE



Mr. Jude Jomon
S3 AE



Ms. Aida Thomas
S1 AE



Ms. Anusree PS
MTech C&I

UG- REPRESENTATIVE



Mr. Justine George

ICICICT 2022

11TH & 12TH AUGUST 2022

Theme:

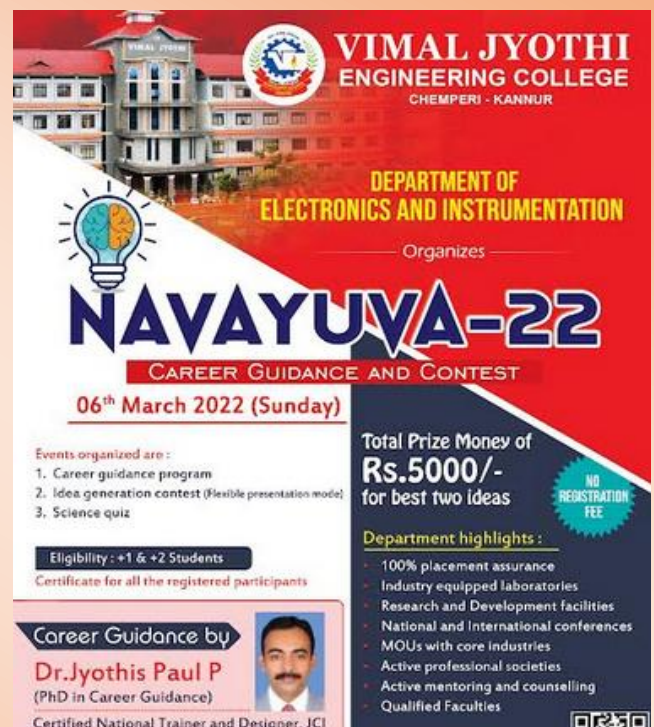
“Computational Intelligence for Smart Systems”



The poster for ICICICT 2022 features a blue and teal color scheme. At the top left is the IEEE logo with the tagline 'Advancing Technology for Humanity'. At the top right is the Vimal Jyothi Engineering College logo. The main title is 'Third International Conference on Intelligent Computing and Instrumentation Control Technologies'. Below this, it says 'ICICICT 2022' and 'Technically Co-Sponsored by IEEE Kerala Section, IEEE Conference Record Number: 9333071'. The theme is 'Computational Intelligence for Smart Systems'. The dates are '11th & 12th August 2022'. At the bottom, it is organized by 'The Department of Electronics and Instrumentation Engineering, VIMAL JYOTHI ENGINEERING COLLEGE, JYOTHI NAGAR, CHEMPERU, KANNUR, KERALA, INDIA'. There are also logos for VJEC and ICICICT at the bottom left.

NAVAYUVA -22

ONLINE CAREER GUIDANCE &
CONTEST FOR PLUS TWO STUDENTS
ON 6TH MARCH 2022



The poster for NAVAYUVA-22 features a red and white color scheme. At the top left is a lightbulb icon. At the top right is the Vimal Jyothi Engineering College logo and name. The main title is 'NAVAYUVA-22' in large blue letters, with 'CAREER GUIDANCE AND CONTEST' below it. The date is '06th March 2022 (Sunday)'. The total prize money is 'Rs.5000/- for best two ideas'. A 'NO REGISTRATION FEE' badge is in the bottom right. The department highlights include: 100% placement assurance, industry equipped laboratories, research and development facilities, national and international conferences, MOUs with core industries, active professional societies, active mentoring and counselling, and qualified faculties. Career guidance is provided by Dr. Jyothis Paul P, a PhD in Career Guidance and Certified National Trainer and Designer, JCI. The poster also lists the events: career guidance program, idea generation contest (flexible presentation mode), and science quiz. Eligibility is for +1 & +2 students, and a certificate is provided for all registered participants.

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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