



## 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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**“There is a driving force more power full than stream, electricity and nuclear power: the will”-  
Albert Einstein**

# METRON

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## INNOVATION CHALLENGE-2K19



The 'INNOVATION CHALLENGE-2K19' was conducted by the Department of Electronics and Instrumentation on 30th November 2019. Honorable manager of Vimal Jyothi Group of Institutions, Rev Fr. James Chellamkott, inaugurated the event in the presence of Head of the department, Staff and the students. Inauguration section is followed with a career guidance. Higher secondary students from various region participated in the Idea generation competition and the robotics workshop. Cash awards and certificates were distributed to the winners of the contest and participants of the workshop. The prize winner of Idea generation completion are; Athul George, Ajay Mathew, Rizwana K, Roveena Joy, Hansel Joshi from Sacred Heart HSS Angadikkadavu Chinthak R M from Ramavilasam HSS Chokli and Nithin Liju and Sebastian Shibu from St Mary's HSS Edoor.

# INNOVATION CHALLENGE-2K19: IDEA GENERATION COMPETITION CUM CAREER GUIDANCE



## WORKSHOP

- Ms. Divya K and Ms. Reshma K.V attended 5 days national level workshop on Robotics at Central University of Kerala, Periya.



## PLACEMENT



**NAVAMI MANOHARAN**  
INFINIZ IT Solutions &  
ACCENTA Education



**ANUSREE P S**  
INFINIZ IT Solutions &  
ACCENTA Education



**DRISHYA K**  
ACCENTA Education



**JOYAL JOY**  
ACCENTA Education



**FEBIN J NALAPPAT**  
ACCENTA Education

## INDUSTRIAL VISIT

7<sup>TH</sup> semester & 3<sup>rd</sup> semester students of department of Electronics & Instrumentation visited EXCEL ENTERPRISES and FRANSTEK BELT Pvt.Ltd , Verna , Goa, as a part of Industrial visit, during 4<sup>th</sup> October to 7<sup>th</sup> October 2019.



## “ORUVATTAMKOODI”-ALUMNI MEET -2019

Our college has organized the Alumni Meet “ORUVATTAMKOODI”- on 12<sup>th</sup> October 2019 at St. Mary’s Church Auditorium, Thaliparamba. Prof. Laly James, HOD EEE welcomed all the dignitaries and alumni for the occasion. Msgr. Mathew M Chalil, Founder chairman, VJEC, Inaugurated the function. Rev. Fr. James Chellamkottu, Manager VJEC delivered the blessing speech. Dr. Benny Joseph, Principal VJEC delivered felicitation. The alumni association and college management appreciate our alumni Mr. Anuraj Manohar, the director of the film ‘Ishq’. Mr. Shinto Mathew, President of alumni association delivered vote of thanks.



## WORKSHOP ON INDUSTRIAL AUTOMATION USING ARDUINO & RASPBERRY Pi

Department of electronics & Instrumentation organized a workshop on Industrial Automation using Arduino & Raspberry Pi, for S3 and S5 students of the department, on 24<sup>th</sup> & 25<sup>th</sup> October 2019 at college.





# CONGRATULATIONS

## KANNUR UNIVERSITY –B.TECH IN APPLIED ELECTRONICS & INSTRUMENTATION 2014-18 Batch



## 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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