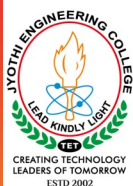


# CSE NEWSLETTER COMPUTER SCIENCE ENGINEERING



# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.



## VISION

CREATING ETHICAL LEADERS  
THROUGH QUALITY

PROFESSIONAL EDUCATION WITH EMPHASIS ON  
HOLISTIC EXCELLENCE

## MISSION

- TO EMERGE AS AN INSTITUTION PAR EXCELLENCE OF GLOBAL STANDARDS BY IMPARTING QUALITY ENGINEERING AND OTHER PROFESSIONAL PROGRAMMES WITH STATE-OF- THE-ART FACILITIES.
- TO EQUIP THE STUDENTS WITH APPROPRIATE SKILLS FOR A MEANINGFUL CAREER IN THE GLOBAL SCENARIO.
- TO INCULCATE ETHICAL VALUES AMONG STUDENTS AND IGNITE THEIR PASSION FOR HOLISTIC EXCELLENCE THROUGH SOCIAL INITIATIVES.
- TO PARTICIPATE IN THE DEVELOPMENT OF SOCIETY THROUGH TECHNOLOGY INCUBATION, ENTREPRENEURSHIP AND INDUSTRY INTERACTION.

## CORE VALUES

FAITH IN GOD AND MAN

LOVE OF FELLOW BEINGS

BELIEF IN UNIVERSAL CITIZENSHIP

MORAL INTEGRITY

SOCIAL COMMITMENT.

## DEPARTMENT VISION

CREATING ETHICAL  
LEADERS IN THE DOMAIN OF COMPUTATIONAL  
SCIENCES THROUGH QUALITY PROFESSIONAL  
EDUCATION WITH A FOCUS ON HOLISTIC  
LEARNING AND EXCELLENCE



## DEPARTMENT MISSION

- TO CREATE TECHNICALLY COMPETENT AND ETHICALLY CONSCIOUS GRADUATES IN THE FIELD OF COMPUTER SCIENCE AND ENGINEERING BY ENCOURAGING HOLISTIC LEARNING AND EXCELLENCE.
- TO PREPARE STUDENTS FOR CAREERS IN INDUSTRY, ACADEMIA AND THE GOVERNMENT.
- TO INSTILL ENTREPRENEURIAL ORIENTATION AND RESEARCH MOTIVATION AMONG THE STUDENTS OF THE DEPARTMENT.
- TO EMERGE AS A LEADER IN EDUCATION IN THE REGION BY ENCOURAGING TEACHING, LEARNING, INDUSTRY AND SOCIETAL CONNECT.

## PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. THE GRADUATES SHALL HAVE SOUND KNOWLEDGE OF MATHEMATICS, SCIENCE, ENGINEERING AND MANAGEMENT TO BE ABLE TO OFFER PRACTICAL SOFTWARE AND HARDWARE SOLUTIONS FOR THE PROBLEMS OF INDUSTRY AND SOCIETY AT LARGE.
2. THE GRADUATES SHALL BE ABLE TO ESTABLISH THEMSELVES AS PRACTICING PROFESSIONALS, RESEARCHERS OR ENTREPRENEURS IN COMPUTER SCIENCE OR ALLIED AREAS AND SHALL ALSO BE ABLE TO PURSUE HIGHER EDUCATION IN REPUTED INSTITUTES.
3. THE GRADUATES SHALL BE ABLE TO COMMUNICATE EFFECTIVELY AND WORK IN MULTIDISCIPLINARY TEAMS WITH TEAM SPIRIT DEMONSTRATING VALUE DRIVEN AND ETHICAL LEADERSHIP.

## PROGRAMME OUTCOMES

STUDENTS IN THE PROGRAMME AT THE TIME OF THEIR GRADUATION ARE EXPECTED TO POSSESS THE FOLLOWING CAPABILITIES :

1. ABILITY TO APPLY THE KNOWLEDGE OF MATHEMATICS, SCIENCE, ENGINEERING FUNDAMENTALS, AND AN ENGINEERING SPECIALIZATION TO THE SOLUTION OF COMPLEX ENGINEERING PROBLEMS.
2. ABILITY TO IDENTIFY, FORMULATE, REVIEW RESEARCH LITERATURE, AND ANALYZE COMPLEX ENGINEERING PROBLEMS REACHING SUBSTANTIATED CONCLUSIONS USING FIRST PRINCIPLES OF MATHEMATICS, NATURAL SCIENCES, AND ENGINEERING SCIENCES.
3. ABILITY TO DESIGN SOLUTIONS FOR COMPLEX ENGINEERING PROBLEMS AND DESIGN SYSTEM COMPONENTS OR PROCESSES THAT MEET THE SPECIFIED NEEDS WITH APPROPRIATE CONSIDERATION FOR THE PUBLIC HEALTH AND SAFETY, AND THE CULTURAL, SOCIETAL, AND ENVIRONMENTAL CONSIDERATIONS.
4. ABILITY TO USE RESEARCH-BASED KNOWLEDGE AND RESEARCH METHODS INCLUDING DESIGN OF EXPERIMENTS, ANALYSIS AND INTERPRETATION OF DATA, AND SYNTHESIS OF THE INFORMATION TO PROVIDE VALID CONCLUSIONS.
5. ABILITY TO CREATE, SELECT, AND APPLY APPROPRIATE TECHNIQUES, RESOURCES, AND MODERN ENGINEERING AND IT TOOLS INCLUDING PREDICTION AND MODELING TO COMPLEX ENGINEERING ACTIVITIES WITH AN UNDERSTANDING OF THE LIMITATIONS.
6. ABILITY TO APPLY REASONING INFORMED BY THE CONTEXTUAL KNOWLEDGE TO ASSESS SOCIETAL, HEALTH, SAFETY, LEGAL AND CULTURAL ISSUES AND THE CONSEQUENT RESPONSIBILITIES RELEVANT TO THE PROFESSIONAL ENGINEERING PRACTICE.
7. ABILITY TO UNDERSTAND THE IMPACT OF THE PROFESSIONAL ENGINEERING SOLUTIONS IN SOCIETAL AND ENVIRONMENTAL CONTEXTS, AND DEMONSTRATE THE KNOWLEDGE OF, AND NEED FOR SUSTAINABLE DEVELOPMENT.
8. ABILITY TO APPLY ETHICAL PRINCIPLES AND COMMIT TO PROFESSIONAL ETHICS AND RESPONSIBILITIES AND NORMS OF THE ENGINEERING PRACTICE.
9. ABILITY TO FUNCTION EFFECTIVELY AS AN INDIVIDUAL, AND AS A MEMBER OR LEADER IN DIVERSE TEAMS, AND IN MULTIDISCIPLINARY SETTINGS
10. ABILITY TO 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.



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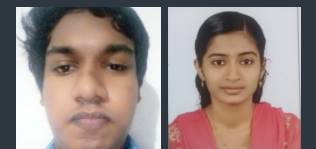
COMPUTER SCIENCE ENGINEERING

## UNIVERSITY RESULT TOPPERS

1. In S8 University exams, toppers are Archana Venugopal, Araya P Menon, Kavya K, Rincy R, Roshni K R



2. From S6, toppers are Amala K S, Niva Dileep, Divya peter , Nova Dileep, Maneesh Manoj, Sreerag R Nandan, Archana S, Muhammed Raneesh, Tessa Shyju, Nair Anjali Valsalan, Teena Joy, Arnold Manuel joseph, Sreelakshmi C



11. ABILITY TO DEMONSTRATE KNOWLEDGE AND UNDERSTANDING OF THE ENGINEERING AND MANAGEMENT PRINCIPLES AND APPLY THESE TO ONE'S OWN WORK, AS A MEMBER AND LEADER IN A TEAM, TO MANAGE PROJECTS AND IN MULTIDISCIPLINARY ENVIRONMENTS.
12. ABILITY TO 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.

## DEPARTMENT ACHIEVEMENTS

1. Competitive Exam Training Club Inaugurated by Ms. Aiswarya Jyothis and Mr. Vishnu C 18/12/2020.



2. Department of CSE conducted a program "We for you" - Laptop distribution in association with CSE and IT department Alumni Association -9/9/2020.



2. Maneesh, Sreerag and Niva Dilip got placement in CTS.



3. Sidharth S Unnithan S3 CSE B secured second prize in National Mathematics Day Quiz, Conducted by ICT Academy Kerala, secured second prize in web designing . Conducted by AKCSSC 2020.



4. Rashi M, Muhammed Raneesh, Maneesh Manoj of S7 CSE B, offered a webinar on Mobile Application Development- 31/10/2020.

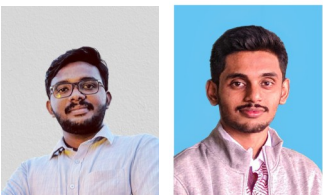
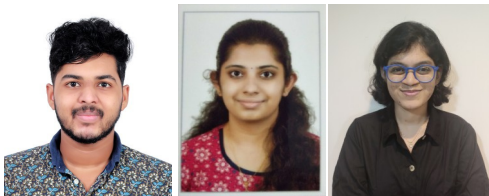


5. Amal Shibu, A Krishna Prasad, Ann Rose Jenson, Ajeeb P A , Aiswarya K of S3 CSE A secured first prize in PARADIGM-project Proposal organized by PG Department of Vimala College-9/10/2020.



## STUDENTS ACHIEVEMENTS

1. Bivin Babu Chalissery, Arya Manoj, Anjali Anne Prathap, Ajin N D, Niva Dilip, Joseph And Rashi, M Of S7 Got Placement In TCS Technologies.

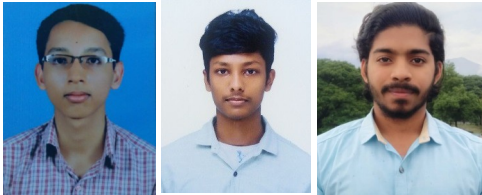




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6. Amal Sebastian, G Ramgopal, Edwin T Joy, Gayathri Dinesh, Ajmal Basheer Of S5 CSE A and Fincy S3 CSE A secured Third position in 10th Kerala Reboot Hackathon on Local Self Government-27/8/2020.



7. Ajeeb P A Secured First prize in Website Creation as a part of intercollegiate Techfest Riti organized by Vimala College-22/8/2020 TVM.



8. Ajmal Basheer -S5 CSE A Selected as Microsoft Learn Beta Student and Youth International Model United Nations (AYIMUN) Virtual Conference to represent the country Tajikistan.



## FACULTY ACHIEVEMENTS

1. Dr.Vinit R delivered a seminar on Deep Learning and Graphical Models: A confluence of two distinct capabilities, As part of Journal club activities in JECC on 29/12/2020.



2. Dr. Vinit R offered a webinar on Data Analytics, at MES Institute of Technology and Management Chathannoor, Kollam-18/10/2020.

3. Dr.Vinit R Appointed as HoD incharge of CSE department - 1/8/2020.



4. Dr.Aswathy S U promoted as Professor in CSE Department.

5. Dr.Aswathy S U Published a book on "Information and Cyber Security: Principles and Practices"- 8/9/2020.

6. Dr.Sapna B Sasi promoted as Associate professor in CSE Department-10/11/2020.



7. Mr.AneeshChandran, Mr.AnilAntony, Mr.BineeshM, Ms.NamithaTN, Ms.Reshma K V, Ms.Sobha Xavier P and Ms.Sajitha I, got Admission for PhD AT Christ University Bangalore.



3. From S2 toppers are Aiswarya k, Ausni Elizebeth C, Sai Hari C, Sheln George, Murshida Ibrahim, Sanjay Krishnan, Aleena Iorance, Anurag N Nair, Fincy Shafi, Rohith T.

