



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.



CSE News Letter

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Computer Science Engineering Department

COLLEGE VISION

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

COLLEGE 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.

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

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 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.
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.

STUDENT ACHIEVEMENTS



Amal Shibu, Deo Saju, Kiran T Suresh, Sidharth P and Sidharth S Unnithan of S4 CSE won First place in Innoverien Project presentation hosted by CSI Chapter of Pune Institute of Computer Technology.

Anjali Nair, Anju Vincent, Ann Mariya, Jasmine Shaj, Mary Jose, Sangeetha C P, Shilpa Sivadas, Tessa Shyju, Hima T got placed in Sutherland Global Services.

Mr. Amal Sebastian And Mr. Edwin T Joy of S6 CSE led sessions at the JECC CSE Department's workshop "Programming Methodologies" on June 17 -19, 2021, which was co-hosted by CSI.



Archana S of S8 CSE A got placement in IBM.



Divya Peter of S7 CSE got placed in Tech Mahindra.



Mr. Sidharth P and Mr. Sidharth S Unnithan of S4 CSE led sessions at the JECC CSE Department's Introduction to Web Development" workshop on June 11, 2021, co-hosted by CSI.



Sreerag R Nandan, Maneesh Manoj and Niva Dileep of S7 CSE B have been selected by Cognizant.

Maneesh Manoj, Rashi, Jackson James, Sreerag Nandhan, Shilpa Sivadas, and Tessa Shyju of S8 CSE got placed in NPK B2B Pvt. Ltd.





Krishna Prasadh, Fincy Shafi, Aleena Babu of S3 CSE won the fifth prize in Techathalon.



Amala K S, Avin, Rashi, Nithin peter, and Vincy Anto of S7 CSE got placed in Experion.



Amal Shibu, Sidharth P and Deo Saju of S3 CSE won the fourth prize in Techathalon.



Student's project "Early Detection and Classification of ASD using ML Approach" has been selected for CERD funding. Team members- Amal Tom, Bivin Babu, Abhijith V J and Amala Maria of S8 CSE A.



Vani Prakash, Sreekanth P, Ullas and Rishikesh of S5 CSE got first place in CISCO Webex Virtual Hackathon.



Akshara C, S3 CSE A got third prize in IEDC NSSCE HACKATHON.

University Results



Second Semester Examination Results: Aiswarya K, Akshara C, Alan Shaju, and Anurag N Nair score perfect 10 CGPA.



Sixth Semester Examination Results: Amala K S and Niva Dileep score perfect 10 CGPA.



.Amal Sebastian of S5 CSE A secured 10 SGPA in S4 results.

FACULTY ACHIEVEMENTS



Dr. Vinith R, Ms. Ninu Francis, and Ms. Sobha Xavier led sessions at the JECC CSE Department's workshop "Programming Methodologies" on June 17 -19, 2021, which was co-hosted by CSI.



Dr. Saju P John, professor CSE Department has been appointed as HOD of CSE department.



Ms. Aswathy Wilson has been selected for being part of SWAYAM online courses.

Ms. Aswathy Wilson and her team developed a mobile app named "Aptha Bindhu" and it has been incorporated in Wadakkanchery Municipality.

Ms. Aswathy Wilson has been selected for being part of Student learning Assessment Project (SLAP).

Ms Aswathy Wilson has been selected in the Judging panel of Finstra for Finstra IWD Hackathon.

Ms Aswathy Wilson has been selected in Judging Panel of "Vaiga – Agri Hack 2021".



Dr. Swapna B Sasi delivered a technical talk in JECC TALK.



Ms. Aswathy Wilson, Ms. Sajitha I, attended 5 days STTP on Recent Advances and Research Domains in Machine Learning, at LBS institute of Technology for Women, Trivandrum.

DEPARTMENT EVENTS

Conducted Webinar on "Building Digital Business with open source" on 5-06-2021 in association with CESA and IEI.

Conducted Workshop on "Introduction to Web Development" on 11-06-2021 to 13-06-2021 in association with CSI.

Conducted Workshop and Coding Competition on "Programming

Methodologies" from 17-06-2021 to 19-06-2021 in association with CSI.

Conducted online Arts fest "Daksha 21" on 14-06-2021.

Thanksgiving Ceremony by Final Year Students

Final year Students of 2017-21 Batch conducted an online Thanksgiving Ceremony on 15-06-2021. The main aim of this event was to thank their dear Teachers for all the support and encouragement they had given to them.

Conducted Webinar on Telecommunications Basics and Introduction to 5G on 29-05-2021 in association with IEI.



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Department Of

Computer Science Engineering

