

TAGORE ENGINEERING COLLEGE

(A Member of Tagore Institutions Chennai)

Approved by AICTE, New Delhi Affiliated to Anna University, Chennai
Rathinamangalam, Vandalur - Kelambakkam Road, Chennai, Tamil Nadu 600127, India.

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CODEX

THE NEWSLETTER OF COMPUTER SCIENCE AND ENGINEERING

July 2020 - December 2020



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Vision of the department

To create an environment which is conducive to produce competent Computer Science Engineers through quality education and research-oriented education and equip them for the needs of industry and society.

Mission of the department

The Department strives to contribute to the expansion of knowledge in the discipline of Computer Science and Engineering by Adopting an efficient teaching learning process in concurrence with increasing industrial demand. Ensuring technical proficiency, facilitating pursuing higher studies and carrying out Research and Development activities. Developing problem solving and analytical skills with deep knowledge in thorough understanding of basic sciences and Computer Science Engineering. Infusing managerial and entrepreneurship skills to become ethical, socially responsible, and competitive professionals.

CHAIRPERSON MESSAGE

Tagore Engineering College has been a forerunner in recognizing the needs of the industry and integrating knowledge with professional inputs. Our college is one of the most eminent Higher Education Institutions today, and it is renowned for the standards of its facilities, students and alumni. By maintaining a team of core faculty members, who are constantly pushing the frontiers of knowledge, we ensure a futuristic approach that keeps pace with the changing trends in the professional world through our global perspective.

Our primary commitment is to find the true potential of our students and equip them for the future, by providing them with the necessary skills, knowledge, and values. We achieve this goal through our unrelenting efforts to enhance Quality in Education, Research, and Diversity on our campus. I consider this a great opportunity, privilege, and an honour to lead such a progressive educational establishment.



PRINCIPAL MESSAGE

Greetings to All, I am Dr. L. Raja Principal of Tagore Engineering College. It is my pleasure to brief you about Tagore Engineering College which was started in the year 1998 and is growing in leaps and bounds under the dynamic leadership of Dr. M. Mala, Chairperson of Tagore Educational Trust.

Our Tagore Institution has served this society by developing competent and renowned technocrats, scientists, researchers and successful entrepreneurs. Recently, Our Institution has achieved 100% results and ranked 4th in Anna University among 441 non-autonomous Engineering College in Tamil Nadu.



With regard to research activities, our faculties have brought around 6.5 crores worth of funded projects and many international publications to their credit. Many international and National level conferences have been successfully organized in this Institution for the benefit of students and academicians.

We have achieved 91% placement of our eligible students in various reputed organizations throughout India. The highest package offered this year for our students is 10 Lakh per Annum. We strongly believe that the character is more important than anything else. Hence, we give top priority to students' discipline and impart character within them as the primary task to develop them as good citizens.

I sincerely thank the dedicated faculties for their untiring work towards the development of our Institution.

I wish all the students and faculty including the alumni of our Institution great success in every walk of their life.

Thank you everyone.

Heartfelt Congratulations

Our chairperson *Dr. M. Mala* conferred
with the award

“Academic Union Oxford”

for the Outstanding Excellence in Education by
Achievements Forum -UK



DEPARTMENT ACTIVITIES

- Webinar on "Designing Class-Based Components" by Mr. D. Anand Joseph Daniel, Assistant Professor, SRM Chennai on 04/12/2020. Webinar on "Meet and Talk" by Mr. T.S. Tamil Selvan, System Engineer, TCS, Chennai on 26.12.2020.
- Webinar on "Recent Security Issues" by Ms. P. Selvakaumari, Assistant Professor, Tagore Engineering College on 16/09/2020.
- Webinar on "Design and Analysis of Algorithms using Short of N-Kings Problem" by Mr. T. Dinesh, Virtusa, Chennai on 11/08/2020.
- Webinar on "Practical Implementation of Data Analytics" by Ms. B. Selvalakshmi, Assistant Professor, Tagore Engineering College on 24/07/2020.

STAFF ACTIVITIES

PUBLICATIONS

- Arivarasan. S, Prakash S, Surendran S, "A new modified mutation-based ant colony algorithm for optimized fault-tolerant routing protocol in MANET" Journal of Advanced Research in Dynamical and Control Systems Volume 12, ISSUE3, 2020, Pages 608-621. DOI: 10.5373/JARDCS/V12I3/20201408.

FDP

- Ms. P. Selvakumari attended the AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things (IoT)" at Dr MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY from 14-09-2020 to 18-09-2020.
- Ms. P. Selvakumari attended the AICTE Training And Learning (ATAL) Academy FDP on "Internet of Things (IoT)" at Sri Sairam Engineering College from 30-11-2020 to 04-12-2020.
- Ms. P. Selvakumari attended the AICTE Training And Learning (ATAL) Academy FDP on "Machine Learning" at R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY from 07-12-2020 to 11-12-2020.

STUDENT ACTIVITIES

CONFERENCES

- Mr. Jai Krishna G, presented a paper titled "SEARCH ENGINE OPTIMIZATION TECHNIQUES TO INCREASE WEBSITE'S RANKING" at AICTE sponsored International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th and 21st August 2020

organized by Tagore Engineering College.

- Ms. K. Uma Maheswari, Ms. B. Jaishanthi Presented a paper titled “EMOTION BASED MUSIC PLAYER (SPEECH RECOGNITION)” at AICTE sponsored International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th and 21st August 2020 organized by Tagore Engineering college.
- Mr. Tamil Selvan T S, Dr. S. Surendran, Presented a paper titled “Transfer of Human Facial Expression using GANs” at AICTE sponsored International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th and 21st August 2020 organized by Tagore Engineering college.

CONFERENCES

- Ms. Muthunagai K, Undergone Inplant Training in Programming from 09.08.2020 to 12.10.2020 at STUCOR app.

INTERNSHIPS

- Ms. K. Uma Maheswari, Completed the internship in “Web development” concern from 04.07.2020 to 19.07.2020 at Oyester Training.

EDITORIAL BOARD

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Note:

The Editorial Committee invites articles from staff members and students on various topics of academic, personal development etc. Articles may be mailed to: codexnewsletter@gmail.com



Courses Offered

U.G. Courses

B.E. – Aeronautical Engineering
B.E. – Computer Science and Engineering
B.E. – Electronics and Communication Engineering
B.Tech. – Information Technology
B.E. – Mechanical Engineering

P.G. Courses

M.E. – Applied Electronics
M.E. – Computer Science and Engineering
M.E. – Environmental Engineering
M.E. – Manufacturing Engineering
M.E. – Power Electronics & Drives
M.B.A. – Management Studies

Tagore Group of Institutions

- Tagore Medical College & Hospital
- Tagore Dental College & Hospital
- Jerusalem College of Engineering
- Tagore College of Arts & Science
- Hilton Matriculation Higher Secondary School.
- Hilton Teacher Training Institute



