

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 2023 - December 2023



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 the Quality of 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. R. Ramesh 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 as 4th in Anna University among 441 Non-Autonomous Engineering Colleges 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 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 faculty for their untiring work towards the development of our institution. I wish all the students and faculty, including the alumina of our Institution great success in every walk of their life. Thank you everyone.

AWARDS

Heartfelt Congratulations

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

“Academic Union Oxford”

for the Outstanding Excellence in Education by
Achievements Forum -UK



Certificate Excellence in Quality

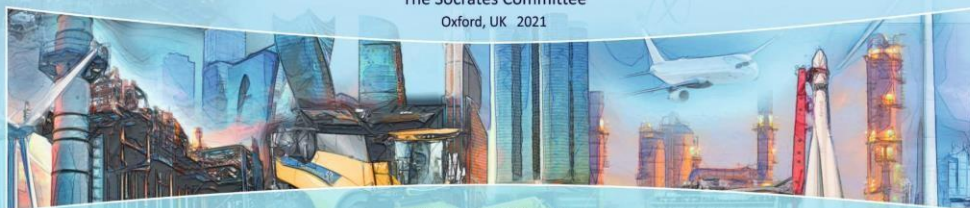
For innovative approach in science and education, high alumni level and aspiration
to the international quality standards in teaching

presented to

Tagore Group of Institutions, India
Chairperson and Managing Trustee Dr M. MALA

Has been recognised as one of the Managers of the Year

The Socrates Committee
Oxford, UK 2021



Registration No:EQ042018-083

DEPARTMENT ACTIVITIES

- Guest Lecture on “Digital Marketing” by Mr. RS. Rajakumar B.E., M.S., Founder of JSR Akademy & JSR DigiMarketing, coordinated by Dr. B. Selvalakshmi on 10.08.2023.
- Orientation Program on “Celonis Process Mining Course” by Mr. M. Prakash Raj, Relationship Manager, ICT Academy of Tamil Nadu, coordinated by Ms. D. Meenakshi on 16.08.2023.

MoU

1. Mou has been signed with PANTECH e-Learning PVT LTD on 31-08-2023 for the period of 31-08-2023 to 31-08-2025
2. Mou has been signed with POLENZA TEC SOLUTION (OPC) PRIVATE LIMITED on 24-08-2023 for the period 24-08-2023 to 24-08-2025
3. Mou has been signed with MICROTRONIX SYSTEM SOLUTIONS on 28-08-2023 for the period 28-08-2023 to 28-8-2028
4. Mou has been signed with QMOS TECHNOLOGIES on 28-08-2023 for the period 28-08-2023 to 28-8-2028
5. Mou has been signed with VI Microsystem PVT.LTD on 25-08-2023 for the period 25-08-2023 to 25-08-2028
6. Mou has been signed with Advantech Instrument and Services on 24-08-2023 for the period 24-08-2023 to 24-08-2028
7. Mou has been signed with RETECH Solution PVT.LTD on 23 -03-2023 for the period 23-03-2023 to 23-08-2028

STAFF ACTIVITIES

FDP

- Ms. Hasiny attended the Faculty Development Program on “Full Stack Development” organized by Kamaraj College of Engineering and Technology from 11.7.2023 to 15.7.2023
- Dr. B. Selvalakshmi attended the Faculty Development Program on “Full Stack Development” organized by Kamaraj College of Engineering and Technology from 11.7.2023 to 15.7.2023
- Ms. D. Meenakshi attended the Faculty Development Program on “Full Stack Development” organized by Kamaraj College of Engineering and Technology from 11.7.2023 to 15.7.2023
- Dr. B. Selvalakshmi participated in the one-day Workshop on “AIML Software Tools” conducted by the School of Electronics Engineering (SENSE) and Centre for Healthcare Advancement, Innovation and Research (CHAIR) on 29.07.2023 at Vellore Institute of Technology, Chennai.
- Dr. B. Jaishanthi attended the 5-Day Faculty Development Program on “FACULTY BUID-ATHON” at SRM organized by PALS IBM, IIT Madras from 31.07.2023 TO 04.08.2023.
- Dr. B. Jaishanthi has successfully participated in the One-week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by Vellore Institute of Technology, Chennai in collaboration with Brain Vision Solutions India Pvt Ltd and All

India Council for Technical Education (AICTE), During the period of 21st to 25th August 2023.

- Dr. B. Selvalakshmi has successfully participated in the One-week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by Vellore Institute of Technology, Chennai in collaboration with Brain Vision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE), During the period of 21st to 25th August 2023.
- Ms. D. Meenakshi has successfully participated in the One week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by Vellore Institute of Technology, Chennai in collaboration with Brain Vision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE), During the period of 21st to 25th August 2023.
- Ms. S.S. Bhaviya has successfully participated in the One week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by Vellore Institute of Technology, Chennai in collaboration with Brain Vision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE), During the period of 21st to 25th August 2023.
- Ms. B. Selvalakshmi has finished her Degree of Doctor of Philosophy under the faculty of Information and Communication Engineering. She presented the title of the thesis “Intelligent Semantic Ontology-based Information Retrieval

using Conceptual and Relational Measures” in March 2023.

- Mrs. S. Jayanthi participated in the Faculty Development Program on “Evolving Potentials in Quantum Computing Applications” from 11.09.2023 to 15.09.2023, organized by Theoretical Computer Science Research Vertical, Department of Computing Technologies, SRM Institute of Science and Technology, Kattangulattur.

INTERNATIONAL CONFERENCE

- Mr. A. Udhayakumar, Ms. G. Monica presented a paper titled “AI-Driven Procedural Generation of Unique NFT Assets in Blockchain Virtual Game Worlds” at the International Conference on Current Trends in Modernized Computing and Communication Technologies (MCCT -2023) held on 11th October 2023 at Department of Augmented Reality & Virtual Reality, Institute of Computer Science and Engineering, SIMATS Engineering, Chennai – 602105

INTERNSHIP

- Mr. M. Dhineshkumar has undergone “Internship Training on “INDUSTRIAL BASED ANDROID APPLICATION DEVELOPMENT WITH IOT” conducted at NISC- Technical Service Centre, Chennai for two weeks 26.06.2023 to 10.07.2023.
- Mr. M. Faizal has completed his training in “Cyber Security” in Acme grade from 12.07.2023 to 12.08.2023
- Mr. D. Amarnath has completed the internship platform JAVA from January 2023 to March 2023 in Shiash Info Solutions Private Limited.

- Mr. K. Nithyanandam has completed the internship “Python” platform from December 2022 to February 2023 in Shiash Info Solutions Private Limited.
- Mr. M. Praveen Kumar has completed his training in “Web Development” in Acemegrade from 15.05.2023 to 15.09.2023
- Ms. R. Sathyavathy has completed her internship program of 18 days with Lumisense Technologies Pvt Ltd., in “Web Designing “. His internship tenure was from 04.07.2023 to 21.07.2023
- Mr. S. Logeshwaran has completed his internship program of 18 days with Lumisense Technologies Pvt Ltd. in “Web Designing “. His internship tenure was from 04.07.2023 to 21.07.2023
- Ms. S. Kirthikavarshini has completed her internship program of 18 days with Lumisense Technologies Pvt Ltd., in “Digital Marketing”. His internship tenure was from 04.07.2023 to 21.07.2023
- Mr. Sivabalan K, IIIrd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Kathiravan K, IIIrd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Giriraj A, IInd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Ahilesh T, IInd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Dayanithi M, IInd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Jeganraj R, IInd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023

STUDENT ACTIVITIES

- Ms. P.S. Arshara participated in Basketball Zonal on 17.10.2023
- Mr. Arivalan P, IIIrd year, participated in Cricket, Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Prem R, IIIrd year, participated in Cricket, at Anna University Zonal Level Tournament at Dhanalakshmi Engineering College from 25.10.2023 to 29.10.2023
- Mr. Arivalan P, IIIrd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Prem R, IIIrd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023

- Mr. Sivabalan K, IIIrd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Kathiravan K, IIIrd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Giriraj A, IInd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Ahilesh T, IInd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Dayanithi M, IInd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Jeganraj R, IInd year, participated in Cricket, Loyola ICAM Intercollege Tournament at Loyola ICAM College of Engineering & Technology from 10.10.2023 to 11.10.2023
- Mr. Arivalan P, IIIrd year, participated in Cricket, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Prem R, IIIrd year, participated in Cricket, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Sivabalan K, IIIrd year, participated in Cricket 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Kathiravan K, IIIrd year, participated in Cricket 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Giriraj A, IInd year, participated in Cricket, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Ahilesh T, IInd year, participated in Cricket 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Dayanithi M, IInd year, participated in Cricket, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Jeganraj R, IInd year, participated in Cricket, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 15.09.2023 to 16.09.2023
- Mr. Tanio T M, IIIrd year, participated in Football, Anna University Zonal Level Tournament at Sri Sairam Engineering College on 09.10.2023
- Mr. Wifred Arokia Raj A, IIIrd year, participated in Football, Anna University Zonal Level Tournament at Sri Sairam Engineering College on 09.10.2023
- Mr. Nithish Kumar S, IIIrd year, participated in Football, Anna University Zonal Level Tournament at Sri Sairam Engineering College on 09.10.2023

- Mr. Anish Madhav Sabu, IInd year, participated in Football, Anna University Zonal Level Tournament at Sri Sairam Engineering College on 09.10.2023
 - Mr. Surya Prakash, IInd year, participated in Football, Anna University Zonal Level Tournament at Sri Sairam Engineering College on 09.10.2023
 - Mr. Tanio T M, IIIrd year, participated in Football, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 12.09.2023 to 13.09.2023
 - Mr. Wifred Arokia Raj A, IIIrd year, participated in Football, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 12.09.2023 to 13.09.2023
 - Mr. Nithish Kumar S, IIIrd year, participated in Football, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 12.09.2023 to 13.09.2023
 - Mr. Anish Madhav Sabu, IInd year, participated in Football, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 12.09.2023 to 13.09.2023
 - Mr. Surya Prakash, IInd year, participated in Football, 3rd State Level Inter College Tournament, Tamil Nadu Physical Education and Sports University from 12.09.2023 to 13.09.2023
 - Mr. Sourav Anand N, third year, participated in the Badminton, Zonal Level Tournament at SRM Valliammai Engineering College on 06.10.2023
 - Mr Sriram Kumar, IIIrd year, participated in Badminton, Zonal Level Tournament at SRM Valliammai Engineering College on 06.10.2023
 - Mr . Naveen K, IIIrd Year, participated in Kabaddi, Zonal Level Tournament at Dhanalakshmi College of Engineering on 20.10.2023
 - Mr Sriram Kumar, IIIrd Year, participated in Kabaddi, Zonal Level Tournament at Dhanalakshmi College of Engineering on 20.10.2023
 - Mr. Sourav Anand N, IIIrd Year, participated in Basketball, Zonal Level Tournament at SRM Valliammai Engineering College on 11.10.2023
 - Ms. Kirthika Varshini S, IVth Year, participated in Badminton, Zonal level Tournament at Sri Sairam Engineering College on 10.10.2023
 - Ms. Arshara, IVth Year, participated in Basketball, Zonal level Tournament at Dr. Vasudevan College of Engineering on 17.10.2023
 - Ms. Kanika L, IInd Year, participated in Chess, Zonal level Tournament at Tagore Engineering College on 27.09.2023
 - Ms. Gopika B, IInd Year, participated in Volleyball, Zonal level Tournament at Sri Sairam Engineering College on 13.10.2023
 - Ms. Gopika B, IInd Year, participated in Basketball, Zonal level Tournament at Dr. Vasudevan College of Engineering on 17.10.2023
- STUDENT PLACED**
- Ms. Sneha M was placed in Sutherland on 13.10.2023

- Ms. Arshara PS was placed in Sutherland on 13.10.2023
- Ms. Kirthika Varshini. S was placed in Sutherland on 13.10.2023
- Ms. M. Lawanya was placed in Sutherland on 13.10.2023
- Ms. G. Trisha was placed in Sutherland on 13.10.2023
- Mr. M. Anish was placed in Sutherland on 13.10.2023
- Mr. M. Karthik was placed in Sutherland on 13.10.2023
- Mr. K. Srimondass was placed in Sutherland on 13.10.2023
- Mr. S. Chandru was placed in Sutherland on 13.10.2023
- Ms. B. Lekha was placed in Sutherland on 13.10.2023
- Ms. Priya Varshini was placed in Sutherland on 13.10.2023
- Mr. D. Mohansundaram was placed in Sutherland on 13.10.2023
- Ms. S. Savishree was placed in Sutherland on 13.10.2023
- Ms. Sneka M was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Sangaradoss R was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Arshara PS was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Aruneshwaran S was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Kamesh K was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Lekha B was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Jeevitha G was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Infant Ludi Melba was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Priya Varshini was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Gopinath J was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- V Kumaran was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Logeshwaran was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Mr. Ajith Kumar S was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023
- Ms. Kirthika Varshini. S was placed in Qspider for Free Incubation placement integrated Boot camp program on 26.10.2023

EDITORIAL BOARD

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Note: The Editorial committee invites articles from staff members and students on 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

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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 Teacher Training Institute
- Hilton Matriculation Higher Secondary School



