

Mohamed Sathak AJ College of Engineering, Chennai – 603103
Annual Report of Academic Year 2022-2023

AWARDS AND RECOGNITION

The Academic Year 2022-2023 was an eventful year and Mohamed Sathak AJ College of Engineering has reached new milestones and has excelled in several activities during this year.


- Secured Performer Band in ARIIA 2021 Ranking organized by MOE, Govt. of India.
- National Assessment and Accreditation Council has accredited for five years with A Grade.
- ISO-9001:2015 certified by IRQS.
- MSAJCE is awarded with 2.5/4 Star rating in innovation by MHRD Innovatic Council.
- Sathak Innovation and Incubation Foundation registered under Section 8 companies act in the year 2022, Quik Allot, DNA Engineering LLP, Tech Solution Coders, U Care Solutions, Startups, function inside the campus.
- In the journey of imparting Technical Education, MSAJCE is in pipeline to become an Autonomous Institution from the academic year 2023-2024.
- To Establish AICTE approved Idea Lab under self financing scheme from the academic year 2023-2024.
- CSE, IT, Mech and ECE are in pipeline to Accredited by NBA in this academic year.
- UGC 2f Status in pipeline
- Upgrading the department of ECE and Mech engineering as Nodal research center under University.
- Registered in NIRF ranking for the year 2021-22

ADMISSIONS

In this academic year we have introduced two new UG programmes Computer Science and Business System and B.Tech. Artificial Intelligence and Data Science and 6 Skill Development courses under KARMA scheme.

MSAJCE is attracting the top performers of +2 examinations. In the TNEA process 2023, 72.84% of our seats got filled up in the counselling with highest cut off mark of 177 and average cut off

2022, MSAJCE got 170th Rank in % of seat filling and 162 rank in average cut off mark of 129 Based on the preference by the Engineering aspirants in TNEA 2022, MSAJCE got 170th rank in % of seat


PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

filling and 162 rank in average cut off mark out of 446 Engineering Institution in Tamil Nadu. During this year more than 700 engineering aspiring students along with their parents have visited our campus for considering MSAJCE as their preferred Institution for admission.

Academic Performance

Year after year, our students show excellent academic performance in the Anna University Examinations. The highly creditable academic performance of our students in their end semester examinations is the proof in the palm of the excellence of our students and the dedicated services rendered by our staff. This year, our immediate passed out students of batch 2018-2022 have showed more impressive graduate pass percentage of 90%.

QUALITY INITIATIVES TO ENHANCE ACADEMIC EXCELLENCE

- 25 class rooms are converted into ICT enabled class room and 3 seminar halls with smart class room facility.
- 5 professional societies were inaugurated and various technical events were accomplished for the students.
- Online Certification Courses for all the faculty members is made compulsory and the students are motivated to complete the certification courses from various organizations like NPTEL and Coursera.
- IQAC has been formulated and regular academic audit check and other quality measures were initiated.
- Faculty members and the students use Google classroom for sharing the materials related to academics.
- Campus wide Wi-Fi facility was enhanced.
- 20 MoUs were signed with leading industries/associations for internship and project, with this addition the total number of live MOUs is 60.
- 80+ events such as webinar, seminar, GL, codathan, project expo, Quiz entrepreneurship activities have been organized for all the students as an interactive session to develop their technical knowledge and enhance their profession skills.
- Under NSS and UBA social activities like blood donation camp, Drug awareness camp, Cycle rally were organized.
- External Academic Audit was conducted for R2021 curriculum.

Centre of Excellence in the following emerging areas were established

1. Center for Non Destructive Testing
2. Center for E-Mobility
3. Center for Solar Energy



PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Flagship Events of MSAJCE

1. Career guidance program is conducted regularly to create awareness about higher Education at 150+ Schools in various districts of Tamil Nadu.
2. NIMBUS workshop conducted for the 2 students to have the better perspective about Engineering Education in the month of April, May and June
3. Tech Jamboree State level technical event for Diploma students is being organized every year to enable them to have better knowledge in the cutting edge technology through simple working model demonstration, workshops and Project demonstration. In this year 2022 around 100 projects were displayed and around 1000+ students from Chennai, Chengalpattu, Kancheepuram and Thirvallur Dist students participated.
4. AI-go-rhythm a Techno cultural and sports events organized for 9, 10, 11 and 12 students in Jan 2022 around 1000 students actively participated and showcased their talents.
5. Chess Tournament was conducted for under 15 age group students around 150+ teams participated.
6. Habibi-2022, a Sports and Cultural fest is conducted in the month of March 2022
7. I am glad to submit that we inculcate in our students the spirit of service to the needy sections of society, we have adopted 4 villages Siruseri, Karanai, Perumbakkam and Thazampur under UBA Scheme. Our students implemented smart water management system in these village sponsored by IIT, Delhi.
8. Teacher's day was celebrated and given best teacher awards for 100 school teachers
9. International Women's day was celebrated under which Women Achiever award was given to 10 women who have excelled in different field.
10. Alumni meet was conducted in Feb 2023, around 300+ alumni participated with their family members.
11. Alumni Entrepreneur meet was organized through our trust around 100 entrepreneur were participated
12. 15th and 16th Graduation was conducted to confer the degree of 2019, 2020 and 2021 passed out students.
13. As a staff welfare activity NAAC appreciation function Staff Get together was organized.
14. Engineers Day was celebrated and our Alumni were awarded Best Engineer Award
15. Under EBSB scheme Cultural Exchange was conducted through on line



PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Industry Interaction

The following interaction activities were conducted with industries during this academic year

1. Consultancy services offered to Philips Home Appliances since 2020
2. 200+ students have undertaken internship in around 20+ industries
3. Executive training programmes were conducted for about 100+ working professionals of Godrej Boyce Manufacturing Pvt Ltd and Vensysco New Delhi.
4. 5 of our faculty members have undertaken training program from Automation 360 and Solar Panel Manufacturing industries.
5. In order to provide the opportunity for experiential learning, industrial visits were arranged for our students.
6. Experts from industries have given guest lectures and expert talks.

Research Thrust

The real development of institutions of higher learning can happen only when the teaching and research happens simultaneously. Our college encourages the research both at student and staff level.

To promote research, the college encourages and sponsors faculty members to pursue higher education. About 40% of our faculty members are possessing Ph.D qualification and 20 of our Faculty members from various departments are pursuing PhD in reputed institutions.

4 of our faculty members are recognized supervisor for research programs in addition 3 members were applied for supervisor recognition.

Our faculty submitted the proposal for the worth of Rs 200 lakh for research project to the funding agencies DST, AIC and STI Hob.

The motivation and supportive environment provided by the college to its faculty members in pursuing research have started yielding in terms of journal publications.

This year 20 papers were published in the reputed journals. H-index of institution is 14, 10 patents were published in this year. To motivate the research culture in the college cash prizes was awarded for the faculty in Teacher's Day Celebration and 50% financial support given for patent filing and Publications in reputed journals.



PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Staff Achievement

Some of the achievements made by our faculty members are:

- Mrs.S.Anusuya received Best ISF Coordiantor award from IETE, Chennai Chapter
- Mrs.S.Sudha received Best Young Researcher Award from Knowledge Research Academy, Coimbatore.
- Mrs.S. Usha received Sevai Semmal Award from Kaviarasar Kalai Tamil Sangam
- Dr.G Ramesh, Dr.I.Manju, Dr.B.Janarthanam and Dr.S. Prasath received award from Society of Innovative Educationalist and Scientific research Professionals, Chennai
- Dr.K.S.Srinivasan and Dr.B.Janarthanam listed in World Scientist and University Ranking. Totally 4 faculty members have successfully completed Doctoral Degree Programme during the period 2021-2023.

A total of 150 Faculty development programs were attended by our faculty which is conducted by NITTIR, AICTE Sponsored, NPTEL and Nan Mudhalvan Scheme

Few of our faculty members were invited to deliver talk in various institutions about recent technologies.

Students Achievement

1. Mr. Sheik Zaith, Mr. Sulthan Nifan, Mr. Sathish and Mr.Mohamed Rizwan 'Secuerd Honorable Mention Award from In Mçtaverse Challenge 2022
2. Mr.Kishore /Mechanical received Gold medal in National Silambam Championship organized International Silambam Fedaration, and also Placed in Asia book of records and Indian book of records.
3. Mr Sakthivel & Mr.Abu Jabar Mubarak selected for Student Exchange Program under YUVA Sangam of EBSB sponsored by AICTE to visit Tripura State
4. Mr.Mohamed Iliyas,Mohamed Sathakhulla & Team Won Runner up in State level Cricket Tournament organized by AMS college of Engg. Chennai
5. Mohamed Razid, Mr. Harishanker and Mohamed Unies from EEE won third prize in Paper presentation contest organized by SRM University.
6. Ms.K. Abinaya, B. Abitha and E. Janani for ECE won first prize in National level project expo organized by SIMATS School of Engineering
7. Mr.B. Subash won 1" prize in Dumchards and 2nd Prize in Adds up organized by MNM Jain Engg College.



PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Placement & Training


The placement record of our college is the most impressive. It is a proof of how much we care for the future of our students. The college trains all the students to excel in technical knowledge and life skills. From the batch of 2023, Out of 135 eligible interested students 90 of our students have been placed in various prestigious organizations as on till date. We arrange professional trainers to train our final year students apart from our own faculty trainers to make them ready for placement. Few of our Major recruiters are TCS, Hitachi, Zoho, Q Burst, Dev Care Solutions, Doodle Blue, Wipro Manufacturing, J digitals, Oasis Technology and Guvi. The Highest Package is 6 Lakh and average Package is 3.2 Lakh per annum.

Our aim is primarily to assist our students to become employment generators rather than job seekers. Some of the Initiative are in pipeline to offer training for Startups, Incubation, Entrepreneur activities, In-house foreign language training classes, Guidance for GRE, GATE, TOEFL to pursue higher studies and other Competitive/Public service examinations.

Alumni Association

The college nurtures healthy relationship with its alumni by inducting all the final year students into it. We have formally registered alumni association under registration Act during 2021- 2022. Office bearers were elected and an alumni meet is conducted regularly in the month of Feb every academic year.

Alumni have contributed to the institution by conducting webinars, interacting with students and mock interviews. Alumni members have contributed Rs.7 Lakhs funding during 2022- 2023 to the institution.


Principal



PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.