

Mohamed Sathak AJ College of Engineering, Chennai - 603103

Annual Report: 2019 - 2020

MSAJCE offers 6 UG: B.E. Courses and 2 PG: M.E. courses. Among these B.E Mechanical Engineering and B.E Computer Science and Engineering got permanent affiliation status from Anna University, Chennai. As per the public demand & industry needs, we have achieved many milestones over the years, we are in the process of enhancing our wings to establish various facilities. The College has been moving ahead as one of the premier Institutes in Tamil Nadu with its work culture, healthy academic practices, traditional values, resulting in overall Student development, this increased the Employability of our students. Since employability of students being our thrust area, there has been steady increase in the placement over the years. Even in the Covid-19 Pandemic most of final year students have been recruited in various software industries.

We are in the process of establishing good relationship with leading industries through MOU's for mutual benefit in Education, Training. Scientific / Industrial Research and Project Consultancy. Eminent Personalities from leading industry and institute are regularly invited to address the students to provide awareness on projects, trends and developments in current technology.

Around 10 technology centers were established with the objective of making our students deployable, learning enjoyable, facing various industrial competitions and hackathon with confident and molding them as leaders, entrepreneurs and responsible citizens.

Bot Lab Centre of Excellence established in association with Automation Anywhere, 178 students and 4 faculty were trained in Essential and Advanced levels. Four of our faculty Dr.I.Manju, Mr.Vairava Permal, Mr.Mohaideen, Mr.Raja were trained by Train the trainer program in Automation Anywhere, Bangalore. Coding Learning Centre was established in association with Codetantra to improve the coding competency of the students. In association with AWS & ICTACT 100 students were trained and certified. Two faculty members Mr Raja, AP/ECE and Mr Senthil Pandi, AP/IT received Instructor training and certified by CISCO. 3D Printing and Industrial Robotics centers has been developed to train the mechanical students

Our aim is primarily to assist our students to become employment generators rather than job seekers. To realize these various value-added inputs beyond the syllabus is provided for enhancing the employability and skill set of our students various training have been provided to meet the

industrial and societal requirements. Entrepreneur awareness workshop was organized in association with DST – NIMAT project.

It is most gratifying to mention the academic excellence of our institution is evident in the fact that the overall pass percentage of our students keep increasing. With the constant support and monitoring of management, commitment of faculty and dedicated effort of our students our academic performance is improving continuously. It attracts the top performers of +2 examinations, entrusting their future at MSAJCE and improve our admission in increasing trend.

As a part of the faculty development 32 faculty members participated in FDP organized by various institutions of repute and 10 Programs organized for the benefit of nonteaching and technical staffs. During this pandemic period 1867 of online certification courses completed by our faculty, 1175 of online certification courses completed by our students thorough NPTEL, SWAYAM, UDEMY, TATA STEEL etc. In total 41 Programs, 33,414 participants actively participated in various events organized such as webinar, FDP, Quiz, Covid awareness programs in association with experts of various industry and institute through virtual mode.

As a part of Institute Social responsibility Career guidance program as well as Science & Technology awareness camps were organized for + 2 students and Polytechnic students. Tech Jamboree - 2020 A state level technical carnival on National Science Day. Around 400 students from various polytechnic participated and show cased their talents.

In this academic year our students show cased their talents in various industrial competitions and Hackathons. Few of the notable performances are

1. Our students participated in Smart India Hackathon (SIH) 2020 organized by the “Ministry of Education” and the All-India Council for Technical Education (AICTE). One of our student team from MSAJCE was place one of the top 5 teams selected for the Software - Web App development domain among 57/344 participating teams in SIH 2020. The team developed an “Online platform for mentoring Startups for the Department of Information Technology and Bio Technology”, for Government of Karnataka.
2. The college has adopted 5 villages Siruseri, Karanai, Perumpakkam, Puzhuthivakkam and Thazhambur under the Unnat Bharat Abhiyan(UBA) scheme of Govt. of India.
3. In sports, our students received 3 Awards in Zonal / State / National level competitions organized by the various institutes of repute.

The College has been moving ahead as one of the premier Institutes in Tamil Nadu with its work culture, healthy academic practices, traditional values, resulting in overall student development, which increased the Employability of our students. I am very glad to inform that 70 % of our final year students registered for placement have been recruited by various leading industries in this academic year highest Pay package of 7.2 Lakh per annum by Jaro Education Chennai. In-house foreign language training classes for Japanese was started with native trainer from Nov 2019. Our Alumni meet was conducted on 26th Jan 2020.

We have established good relationship with leading industries through MOU's for mutual benefit in Education, Training, Scientific, Industrial Research and Project Consultancy. Eminent Personalities from leading industry and Institute are regularly invited to address the students to provide awareness on projects, trends and developments in current technology. This initiative has opened up avenue for our students to get internship opportunity with stipend, in addition they would undertake industrial consultancy projects from the reputed industries.

10 of our students involved in developing e-learning module development project for Sona Comstar, Chennai. Preethi Home Appliances and Mando are in pipe line to associate with us. M/S Ford India donated one car to us for students study purpose in this academic year.

We, at MSAJCE have given equal emphasis to both teaching and research, which are the twin academic concerns of any educational institution of repute. A wide variety of research is being carried out by our faculty as it is evident from total of 33 scientific and technical papers published in Scopus, SCI and Web of Science journals and 3 patents & 3 Copy rights has filed in this academic year.

Technology has to be constantly upgraded to keep pace with the desired improvements in academic quality. To facilitate greater learning experience in the campus, the college invested hugely in providing facilities such as new laboratories, software's, COEs / Industry oriented labs, Incubation center, enhanced the facilities of library in this academic year.

I am glad to submit that we inculcate in our students the spirit of service to the needy sections of society; Our NSS unit organized Cleanliness awareness camp, Avoidance of plastics, Blood Donation Camp, Dental camp, Medical camps and Tree plantation camps at Siruseri IT Park, in the adopted villages and our campus.

Principal