

## **Mohamed Sathak AJ College of Engineering, Chennai - 603103**

### **Annual Report - 2017-2018**

Quality education is the foundation for the innovation, creativity, knowledge sharing and growth of mankind with humanity that induces the progress towards the prosperity of an individual as well as our Nation.

MSAJCE established to offer quality technical education under the aegis of Mohamed Sathak Trust. The main objective MSAJCE is to provide high-quality education to minority, economically backward and rural students. The institute has emerged as one of the top engineering institutes in the state and stands apart as a symbol of quality in engineering education. It has evolved over the years into a citadel of engineering thought and learning. This has been possible because of the dedication of its competent faculty and committed students, its mission to influence the quality of engineering education in the industry and the ability to bridge the gap between an academic institution and a challenging business world.

In the august presence of the Chief guest Mr. Hariharan Subramanian, Head –Talent Management India Aspire Systems private ltd, Chennai and all other dignitaries I take immense pleasure to present the Annual Report for the Academic year 2017-2018

The college offers B.E / B.Tech in Civil, CSE, ECE, EEE, Mech, IT, Aero and Material Science Engineering courses and M.E in Computer Science Engineering, Power System Engineering, Structural Engineering, Thermal Engineering and VLSI Design courses. The college has qualified, dedicated and well-experienced faculty members, with state of art infrastructure to meet the requirements of Vision and Mission of the College. In this academic year around 700 students were received the scholarship from government under First graduate, SC/ST, minority, and other backward community schemes.

The college has a well-organised and spacious Central Library facility with good ambience with adequate number of academic, technical and general books, National & International journals, newspapers, periodicals and magazines. It also contains books and reference material that provides full support for the students' projects. The book bank facility is available for the students to the preparation for the semester examinations.



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The Management encourages the faculty members to pursue research and publish articles in National and International Journals. Many research papers were published at various International and National Conferences. During this year a research grant of 1.55 lakhs was received through various Government and Non-Governmental funding agencies such as DST, TNSCST and DST-SERB. With immense pleasure, I appreciate our faculty members Dr.E.Dhiravidachelvi of ECE, Dr.R.Ganesa Moorthy of Mechanical Engineering and Dr.A.Balakrishnan of Chemistry who were bestowed with doctorates. Ms S.Radhika of the Department of EEE received the best teacher Award from Meenakshi Engineering College, Chennai. In total around 33 research papers have been published in National and International journals of repute by our faculty members.

In academics, around 20 programs were organised by various departments namely Workshop on 3 D printing, Seminar on Heating ventilation and Air conditioning, Recent Trends in Optical Communication, Embedded Systems, Importance of higher education for the benefit of students. In total 32 faculty members were actively participated in FDP organized by various reputed institutes, and organized 12 FDP internally for the benefit of non teaching and technical staffs.

Various functional committees of the college actively execute their responsibilities for the smooth functioning of the organisation. English Literary Club conducted TALENTIA-2018, a literary event for Oratorical, Essay writing, JAM and Poetry writing competitions. Students participated in these events and exhibited their talents.

Many of our students actively participated in symposiums, workshops and Inter-college competitions. Ms Lubna Wadood, 3rd year ECE won second place in Youth Talk – A state -level oratorical competition organized ICTACT Chennai. Around 12 Student exchange and faculty exchange programs were organised for the benefit of the students to create an compatible environment.

The Placement & training cell of our college conducted various training programs for the benefit of our students with the support of industrial experts and alumni. JAM, Soft skill training, GD, mock interview ( HR & Technical ) etc, This initiative helped students to understand the placement process and prepare accordingly.



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Leading MNCs and core companies have recruited students through the on-campus placement drive organised by the college. Students have received offer letters and got placed in the companies. As a result of the highly focused and continuous efforts of the Placement cell, we have created impressive placement records. Certificate programs were offered to the students to get wide exposure to recent technologies, soft skills and aptitude training, and value-added courses to improve their employability skills of the students. Around 61% students have received offer letters and got placed in the companies like Zoho Corporation Pvt Limited, Elecamino Software Pvt Ltd, TCS etc.

MOUs were signed with various industries in alignment with project, internship, workshops on innovation, technical seminars, publishing research papers, placement and training programs, guest lectures and collaborative research work.

Internship programs from BSNL, Adhithya Info Tech, Nicola Educational and Research Institute and TRIOS Technologies Pvt Ltd. have been attended by the students of various departments. It is mainly provided to students to gain practical knowledge of recent technologies and learn different procedures on the administrative side.

Volunteer organisations such as National Service Scheme (NSS) unit, Youth Red Cross and Rotaract club organised various events for the students to create awareness of issues prevailing in the society. The students got the opportunity to involve with real-life social activities and thereby become responsible citizens. The NSS conducted several Rural empowerment programmes such as Blind Walk, Turtle Walk, OMR Run, Education awareness for poor children and First Aid Awareness programmes were organised. The NSS unit organised various camps and activities like medical camps, Village cleaning programs, Blood donation camps etc. Under the discipline and anti-ragging committee, the students were continuously monitored and checked for good rapport among the students.

The college sports team participated in several sports and games such as football, volleyball, basketball and kabaddi. In athletics, students participated in events like 100mts, 200mts, 400mts and 4 x 100mts relay. They participated in field events like shot put, discus, javelin etc. Our Students Won 3 awards in participating Zone / State / National level sports meet and brought laurels to the college.



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**\*My hearty congratulations** to R.Nirmal won a gold medal at the district-level Archery Championship 2018 and R.Dhinakaran won a gold medal in Archery-All India Inter-University Tournaments at the national level. G. Deva Sahayam won a bronze medal in 110Mts Hurdles-Anna University Zonal Athletics Meet 2017-2018.

**\*On behalf of the management,** I wish good luck to the entire faculty and student fraternity of MSAJCE for their future endeavours.

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