

## **Mohamed Sathak AJ College of Engineering, Chennai – 603 103**

### **Annual Report 2018 - 2019**

Distinguished Chief Guest for the Annual day, Dr.G.Ravindran, Head, Department of Journalism and Communication, University of Madras, Members of Mohamed Sathak Trust, Dignitaries, Distinguished Invitees, Head of the Departments, Members of Faculty and Staff, Parents, Friends from Media,,: Greetings from Mohamed Sathak A. J. College of Engineering.

Ladies and Gentlemen: Good Afternoon to one and all present here! It is my great pleasure and privilege, to extend a very hearty welcome to each one of you to the Annual Day 2019 of Mohamed Sathak A.J. College of Engineering.

I am privileged to welcome our esteemed Chief Guest Dr.G.Ravindran for accepting our invitation in short notice and making yourself available amidst your busy schedule. Your gracious presence at this function makes it inspiring and memorable one. I am elated to welcome you sir.

I am equally happy to welcome our distinguished secretary of Mohamed Sathak Trust, Janab. S.M.H. Sharmila for her dynamic and intelligent leadership coupled with her undying zest for accomplishing the vision and mission of the trust. A warm welcome to you Madam.

I extend my hearty welcome to the Director of Mohamed Sathak Trust, Janab Mohamed Sathak for his strong support and encouragement in building rapport between industry and institution relationship. My cordial welcome to you sir. It is my privilege to welcome the distinguished invitees, eminent personalities, Hod's, faculties, beloved students and their parents, press and media.

In the Endeavour to build socially responsible and knowledgeable young engineers and technocrats, our contribution has been quite significant. Our students undergo a comprehensive academic programme. The achievers will enjoy the fruits of their hard work. It is most gratifying to mention that Ms S. Dharini of Material Science and Engineering branch has got the Gold Medal in the Under Graduate Programme. My heart felt congratulations to her. It is most gratifying to mention the academic excellence of our institution, is evident in the fact that there is a stable

growth in the academic performance of the students. This is made possible with the constant support of our management. Commitment of our faculty and dedicated effort of our students

The institution is providing 6 UG: B.E. Courses and 2 PG: M.E. courses. 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. Most of final year students have been recruited by various leading industries namely INFOSYS, TCS, WIPRO, CTS, SYNTEL, GOFRUGAL, PIN CLICK, ALPHA TKG, PEOL, NEX INFO. We take great pleasure in the impressive performance of our students in the selection process by the companies year after year.

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. This initiative has also opened up avenue for Entrepreneurial Development. 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.

We, at Mohamed Sathak A.J. College of Engineering give equal emphasis to both teaching and research, which are the twin academic concerns of any educational institution of repute. The college has received project funded by SERB, Govt. of India, for the proposal submitted by Mr.S.Venkatramanan, Assistant Professor, Department of Mechanical Engineering and consultancy work from Bharat Fords India Ltd. by Dr.Murugan, Professor of EEE department A wide variety of research is being carried out by our faculty as it is evident from total of 30 scientific

and technical papers published in national and international journals of repute during the year 2018-2019. In this academic year 31 of our faculty sponsored to attend FDP organized by various institutions of repute and 10 programs were organized internally for the benefit of non-teaching and technical staffs.

Mohamed Sathak A.J. College of Engineering provides academic ambience through inspiration, fosters enthusiasm and motivation so as to realize challenging and rewarding career pathway to the students. Our unwavering commitment to "Quality and experiential learning" ensures that our students develop abilities for critical thinking and evaluation of issues; they are trained to transform 'Concepts and Theoretical Knowledge in to Real time systems. Besides these, our students are moulded to be socially aware and become responsible citizens to make effective contributions towards Societal transformation and Nation building'.

To facilitate greater learning experience in the campus, the college invest handsomely in providing facilities like COE in New Energy, Building Information modelling, IOT, 3D Printing, Industrial Robotics, E-mobility, AR-VR, Incubation Centres, Play grounds, Food Court are in the pipeline to develop in this academic year. Technology has to be constantly upgraded to keep pace with the desired. Improvements in academic quality. The college has expanded the computing facilities with branded servers with latest processors, peripherals, a variety of operating systems and application software's. All the buildings in the campus are connected through LAN. The campus is wi-fi enabled. Library has more than 4218 titles, 24567 volumes of books in various subjects including NPTEL on line materials, 106 national journals, 1450 e-journals and magazines. As a part of the curricular activity Industrial Visits, Industrial Tours and Internship are arranged to the industry of repute to make the students to understand the process and need of the industry. In the year 2018-19 in total 40 industrial visits, Internships for 153+ students in various industries were organized.

In addition, the foreign language training classes is being put on cards to start from the forthcoming academic year for German and Japan languages, GATE Coaching and other Public service examination trainings are in pipeline.

In terms of Co-curricular activities our faculty and students had enrolled very actively in professional bodies of National and International repute for improving their innovative ideas, Team building and leadership skills. As a part of these activities the following programs were organized in this academic year:

State level technical symposium GYRO GUTZ, TRENDZI, ELECTRO' FEST, MELILZAI 2.0, iktinos2K 19 had a good response from various engineering colleges, students participated in various competitions. 2. 25 MoU's signed with various reputed international and national organizations in the academic year 2018-2019.

College education is incomplete without a wholesome personality development of the students. Hence a number of extra-curricular activities are regularly conducted through NSS, Sports and Games. Our students made their best effort to bring laurels to the college by participating in technical symposiums, intercollegiate competitions, Sports and won number of prizes, few of the notable performances are

1. S.Ramkumar & Mohamed Vaseem.S launched an App named Daimon in google store for public use.
2. Swaroop.A.S. of Final year CSE achieved the best student award from ISTE, student chapter, Tamil Nadu section organized by Sri Sairam Engineering College.
3. Ramkumar.S and Swaroop.A.S won first prize with a cash award of Rs 10,000 in IBM Open Power hackathon National Level tech Fest organized by SSN College of Engineering
4. Our Students K.S Iqlas Ahmed & H.Mohamed Ibrahim of final year EEE won first prize in the National level technical symposium organized by Sri Sairam Engineering College.
5. In Sports, our college volley ball team were the runner up in the State Level SSN Cup Volleyball tournament.
6. Our students won 8 Awards for various sports activities in Zonal / State / National level events Organized by the institutions of repute.
7. Mohamed Asif of final year ECE won the silver medal in the State Level Bench Press Competition.
8. R.Dinakaran of final year Mechanical Engineering won the gold medal and R.Nirmal Kumar of third year mechanical engineering won the silver medal in the Chennai International Youth Fest-Archery. In total 300 plus students have participated in various competitions and have

brought laurels to the college.

As a part of institutional social responsibility students participated in the Road Safety Awareness Week organized by Tamilnadu State Transport Corporation. Also a blood donation camp was organized in the campus in collaboration with Leo Club.

I take enormous pride in recognizing the contribution of the teaching faculty. All these achievements are the results of the concerted efforts of our faculty members. They put in a lot of efforts to mould each student and they hold themselves to the highest academic standards. The strength of our academic performance is visible through more than 75 brilliant faculty members, 20 of whom are Ph.Ds with rich teaching and industrial experience. They are duly supported by able non-teaching staffs, Faculty are encouraged to pursue Ph.D and presently 20 members are pursuing Ph.D in various universities. A number of conferences, workshops, faculty development programs are conducted and encourage them to participate in the events organized in other reputed institutes to keep the faculty abreast of the latest cutting edge technologies in their respective fields to enhance the teaching learning process.

When we look back on the path we have traversed, we notice that we have much more to accomplish. Our forward march in the field of technical education and research continues pushing us on to reach greater realms.

Once again I heartily welcome each and every one of you on the occasion of the 14th Annual day of our college and wish our students success in their endeavours which would contribute to the growth of our nation and society.

Dear students, the nation needs your service and contribution. Dream and work together for making our country a better place to live in. Let us also resolve to share our knowledge and expertise with our brethren as a token of our gratitude to this great country. March forward, embrace your future with open arms and enthusiastically pursue your own life of discovery and innovations!

Once again, congratulation to all the students and staffs. We hope to hear greater achievements from you in future. Thank you one and all present here.

**Principal**

