



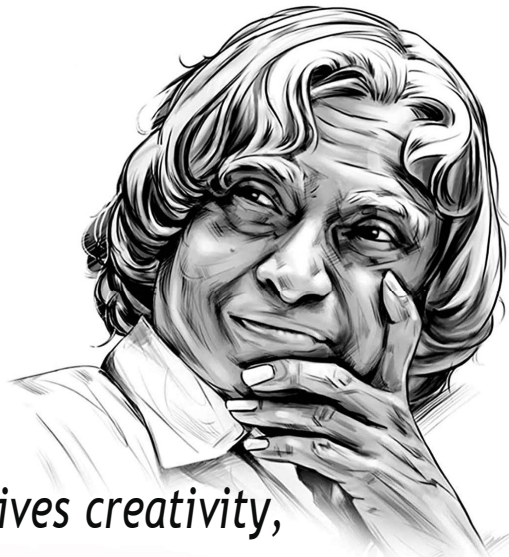
MOHAMED SATHAK
A.J. COLLEGE OF ENGINEERING



CAMPUS CHRONICLES

Newsletter

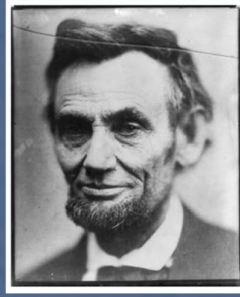
Volume - 2 / 2022 - 23



*"Learning gives creativity,
Creativity leads to thinking,
Thinking leads to knowledge,
Knowledge makes you great"*

- Dr.A.P.J Abdul Kalam...





“The Best way to predict your Future is to create it.”

— ABRAHAM LINCOLN

INSTITUTE VISION & MISSION

VISION:



- "To be an eminent institute for higher education and research through innovative teaching-learning and sustainable practices to meet industrial and societal needs."

MISSION:



- To impart quality technical education by transforming students into professionally competent technocrats.
- To nurture the students in all-round sustainable development, for career and self employability.
- To inculcate critical thinking, professional ethics with civic responsibilities by instilling values.

QUALITY POLICY:



- MSAJCE committed to create quality professionals through innovative teaching, research, industrial realtions and nurturing human values & ethics to meet the industrial and societal needs on continual improvement basis.

CHIEF PATRONS ALHAJ.S.M.
MOHAMED YOSUFCHAIRMAN
MOHAMED SATHAK TRUST

HAJIYANI.S.M.H. SHARMILA
SECRETARY
MOHAMED SATHAK TRUST

JANAB.P.R.L. HAMID IBRAHIM
EXECUTIVE DIRECTOR
MOHAMED SATHAK TRUST

JANAB.MOHAMED SATHAK
CAMPUS DIRECTOR
MOHAMED SATHAK A.J.
COLLEGE OF ENGINEERING

PATRON DR.K.S.
SRINIVASAN Ph.D.
PRINCIPAL

EDITOR-IN-CHIEF

Dr.RESHMI K.V. Ph.D -PROF .OF ENGLISH
DEPARTMENT OF S&H.
Dr.S.DEVIKALA Ph.D - PROF . OF EEE
HEAD OF STUDENT AFFAIRS.

FACULTY MEMBERS

MRS.GAYATHRI N
ASST.PROF. DEPARTMENT OF CIVIL

MS. MUTHUPANDEESHWARI R
ASST.PROF. DEPARTMENT OF CSE

MRS. ANUPREYAA. K
ASST.PROF. DEPARTMENT OF EEE

MRS. AJEETHA THASNEEM J
ASST.PROF. DEPARTMENT OF ECE

MRS. SANTHANALAKSHMI S
ASST.PROF. DEPARTMENT OF IT

MR.A. SARAVANAN - ASST.PROF.
DEPARTMENT OF MECHANICAL

THE STUDENT EDITORIAL TEAM
CIVIL - MD. HAROON. M (II YEAR)
MD. FAIZAL. A (II YEAR)

CSE - K. ARIVUKARASU (II YEAR)
A. YASAR ARAFATH (II YEAR)
R. SIJIN (II YEAR)
MD.JAMEEL ASFER. Z (II YEAR)

EEE - V.SRIKARTHIK (II YEAR)
PRASAD.N (II YEAR)

ECE - HARRIS THAMEEM
ANSARI. A (II YEAR)
K. SUHAIL (II YEAR)

IT - DWARAKA.J.S. (II YEAR)
PRAJESH RAM (II YEAR)

MECH - MD. ANWAR.T. A. (II YEAR)
MOHAMED FAZID. S (II -YR)

CHIEF DESIGNER
V.SRIKARTHIK (II YEAR)
S.DHANUSH AADITHYA (II YEAR)

REFLECTIONS FROM THE PRINCIPAL'S DESK

It is a matter of great pride and satisfaction for MSAJCE to bring out the newsletter 'Campus Chronicles'. This newsletter will help us to travel through the activities of MSAJCE in the path of academic, cocurricular and extra-curricular achievements of the students, staff and faculty members that offers a chance to be part of the day-to-day college life for the past, present and future prospective stakeholders. I congratulate each of them who had won and participated in the events and who have contributed excellent articles for this issue. This will be definitely an inspiration and motivation for the students and staff to perform better and add on the contributions in the forthcoming issues.

I congratulate the editorial board of this newsletter, who took the responsibility for the arduous task most effectively and accomplishing the task in record time. I appreciate the editors, the staff coordinators and the student committee for their meticulous work which is visible in the articles published.

With best wishes,
Dr.K.S. Srinivasan Ph.D.
Principal

EDITOR'S DESK

PROF. OF ENGLISH

"Imagination is more important than knowledge."



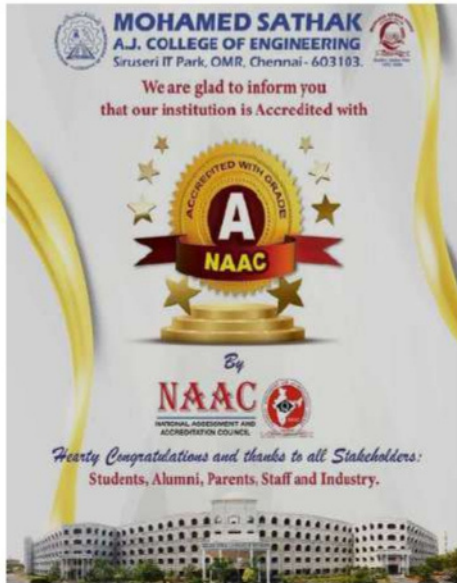
-Albert Einstein

Dear Readers,
Greetings to you!!

It gives me great joy that our college is bringing out quarterly newsletter, 'CAMPUS CHRONICLES'. The college newsletter mirrors the activities of the institution, development of the students in academic as well as co-curricular activities, which will be a very rewarding experience for the students. We are glad to bring out this edition with thought provoking write-ups, inspiration and information as intended. I, along with my editorial team members, have spent sleepless nights to make this newsletter stand out. This newsletter highlights the achievements and multifarious activities of the college in different spheres in accordance with the lofty vision and mission of the college. I applaud the contributors for their stimulated thoughts and varied hues in articles contributed by them. I am elated to thank our beloved alumni for their sincere support to all the ventures of the college creating a dynamic bond between the college and the alumni.

I whole heartedly thank our respected principal and the management for their full support in publishing the newsletter. I thank and appreciate the brilliant work of my editorial student committee for their support and cooperation. The publication of the newsletter will travel a long way with all your support. Happy reading.

EDITORS,
Dr.RESHMI K.V. Ph.D. - PROF .OF ENGLISH
DEPARTMENT OF S&H.
Dr.S.DEVIKALA Ph.D. - PROF . OF EEE
HEAD OF STUDENT AFFAIRS.



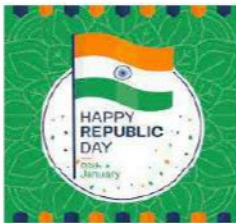
NAAC "A" ACCREDITATION

National Assessment and Accreditation Council (NAAC) is a government organization in India that assesses and accredits Higher Education Institutions (HEIs). It is an autonomous body funded by the University Grants Commission and headquartered in Bangalore.

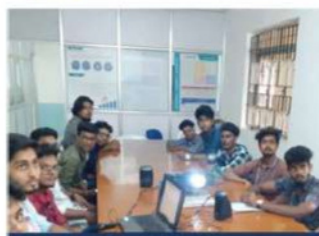
Our institution is successfully accredited with NAAC "A" grade by the executive committee National Assessment and Accreditation Council (NAAC). Hearty congratulations and thanks to all stakeholders: Students, Alumni, Parents, staff and Industry. There's nothing that MSAJCE Family believes in getting young people interested in Engineering and Technology, for a better tomorrow. MSAJCE strives for it and reached the pinnacle.

REPUBLIC DAY | JAN 2023

Our college conducted a grand Republic Day program. The event was a true celebration of India's diversity, unity, and cultural heritage. The program commenced with the unfurling of the national flag, followed by a rendition of the National Anthem, which filled the atmosphere with patriotic fervor. The event was attended by a large number of students, faculty members, and staff, all of whom were dressed in traditional attire. The atmosphere was electric, with everyone coming together to celebrate this significant day in our nation's history. The event was a testament to our college's commitment to fostering a sense of community pride.



NAAN MUDHALVAN UPSKILLING PLATFORM | 2023



'Naan Mudhalvan is a massive industry skill enhancement', flagship initiated by the Tamil Nadu government and our college firmly believes that taking participation in this scheme will widen the scope for students in order to improve their knowledge. The college took initiative and started Naan Mudhalvan successfully and it's an excellent platform for the students to test their listening skills also. They are not providing courses as value added instead, they are giving mandatory courses for engineering students. 18 courses are included in this programme and they are mapped to world-class training partners at no cost.

PONGAL CELEBRATION 2023

Our college celebrated Pongal with great enthusiasm and fervor. The 3 day was marked with several competitions for the staff and students and everyone had a wonderful time. The Pongal event at MSAJCE was a great success with a fantastic turnout. The event started with a traditional prayer, followed by a grand celebration of the Tamil festival. The entire college was beautifully decorated with flowers, lights, and rangolis, and it looked very festive. The day started with various competitions for the staff and students, including Pongal cooking, traditional dress competitions, and a variety of cultural programs. The Pongal cooking competition was the highlight of the day, with both students and staff showcasing their culinary skills. The judges were impressed by the creativity and presentation of the dishes, and it was a tough decision to choose the winners among them.



Place- (MSAJCE Campus)



NSS ACTIVITIES



On 22.12.22 the student volunteers of NSS team from first year enthusiastically participated in the campus cleaning program. This program made the students to be aware on the importance of keeping one's environment clean. Also, the plastic waste and other non-degradable things littered in the campus were collected and disposed

Our NSS unit conducted National Voters Day on 25th January 2023 addressed by Dr.A.Balakrishnan, NSS Program Officer. All the Teaching and non-teaching faculty members and students participated and taken oath on Voters Pledge, to uphold the democratic traditions of our country and the dignity of free, fair and peaceful elections.



Our NSS unit with the team of Dr.R.Riaz , MDS from Tagore Dental College and Hospital conducted a Dental Health awareness Camp on 11.01.2023 for faculty members and students. Dental examination and basic treatment awareness was given to the students who need immediate treatment. The NSS volunteers played a vital role in making this camp successful with their service

Parveen Travels, Chennai conducted a Driving License Awareness camp with the initiative of our college NSS unit on 12.12.2022 and 13.12.2022 for faculty members and students. They taught about the awareness on Road Safety and its importance. Many students and faculty members attended the camp and got benefitted.



WOMEN'S DEVELOPMENT CELL

On 16/12/2022 Women's development cell in our college organized a seminar on the topic "Self-mutual-social empowerment of students" Mrs.D.Kalaiselvi, Advocate, Notary public has delivered seminar on the topic and The seminar was attended by the students, staff, and faculty members who were eager to learn about the challenges faced by women and ways to overcome them. She emphasized the need for women to be aware of their strengths and potential, and to take charge of their lives by setting achievable goals and work towards them. Overall, the seminar was inspiring and the thought-provoking which helped to raise awareness on the importance of empowering women and promoting gender equality.



NAAC CULTURALS

The cultural program was coordinated by Dr. Reshmi .K.V, Mrs. Shobana and Mrs. Usha. The NAAC Cultural comparing was done by Dr. Reshmi K.V. The NAAC committee people have enjoyed the culturals and visited the college campus in the electric three wheeler which was designed by our college students.

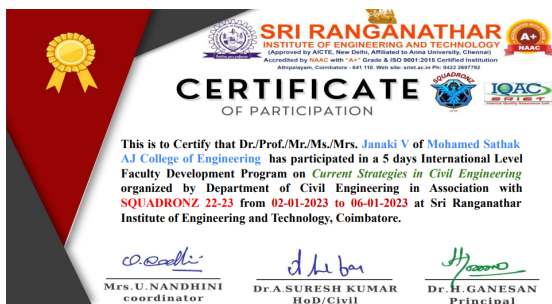


DEPARTMENTAL ACTIVITIES

DEPARTMENT OF CIVIL ENGINEERING

FACULTY ACHIEVEMENTS

- Mrs.V.Janaki has successfully completed a certificated course on Dealing with "failures in concrete structures" on Nov 5, 2022, organized by Ultratech cement Ltd.
- List of Faculties attended FDP on "Current Strategies in Civil Engineering" conducted by Sri Ranganathar Institute of Engineering and Technology during Jan 2, 2023 to Jan 6, 2023
 1. Mrs.V.Janaki AP/CIVIL
 2. Mrs.P.Kavithra AP/CIVIL
 3. Mr.R.Rakesh AP/CIVIL



Concrete Beam made of M25 grade mix ratio



cross section elements of highway

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING & INFORMATION TECHNOLOGY

TECHNICAL PROJECTS

- Sandhesh kumar, Mohamed Haroon, Mohamed kaif, Mohamed Faizal and Shanmugam of 2nd Year have made a flexible pavements that has a prime function of structurally improved load supporting capacity by providing added stiffness and resistance to fatigue, as well as to provide a relatively thick layer to distribute the load through a finite thickness Nov'22

The road pavement structure layers are :

- Subgrade or Road bed
- Sub base coarse
- Base coarse
- Surface coarse or Wearing coarse

STUDENTS INTERNSHIPS

- Shahidha K of CSE Department has successfully completed 4 weeks of Internship at Bluehaute from 1st Jan 2023 to 28th Jan 2023.
- Hamza Adhnan Shakir of CSE Department has successfully completed 3 months of Internship at FerryPal from Sep'22 to Nov'22.
- Abrar Musharraf P of CSE Department has successfully completed Internship at MSAJCE from 17th Aug 2022 to 25th Nov 2022.

- Farooq Ahamed and Fauwaaz Ashal of CSE Department has successfully completed 1 month of Internship at Hasna Technologies from 1st Oct 2022 to 30th Nov 2023.

FACULTY ACHIEVEMENTS

- Mrs. Muthu Pandeeswari R of CSE department has attended FDP on Cloud Essentials at Anna University on Nov 11th 2022.
- Mrs. Muthu Pandeeswari R of CSE department has attended FDP on Cyber Security at VIT University from Nov 14th - 18th 2022.
- List of Faculties attended the training given by the government for the Scheme "Naan Mudhalvan"
 - Mrs. S.Viswaja – Foundation of AI, ML, FS
 - Mr. Hamer Shield – Network Essentials
 - Mrs. Aysha Sufreen & Mrs. Aishwarya – Professional Readines.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

EVENTS



- Drone Designing by NASA Flight Controller work shop has been conducted for 1st and

2nd year students from 2.12.2022 to 3.12.2022 by Mr. Balajivaradan & Teams: Village School Technology.



- Boot Camp: Robotics and IOT has been conducted for 1st and 2nd year students from 2.12.2022 to 3.12.2022 by Mr. Balajivaradan & Teams: Village School Technology.

STUDENTS ACHIEVEMENTS

- Ms. K. Abinaya of 3rd year has Started 1-year internship at customer's lab Pvt. Ltd which is associated with google on 15/11/2022.

FACULTY ACHIEVEMENTS

- List of Faculties successfully completed a FDP on "Bio Medical Sensor and Signal Processing" at Loyola Institute of Technology from 9th Jan 2023 to 13th Jan 2023
 - Dr. M. Sivakumar Prof./ECE
 - Mr. M. Ashokkumar AP/ECE
 - Mr. K. Ramesh AP/ECE

- List of Faculties successfully completed a FDP on "Wearable Devices for IoT and Microwave Infrastructure" at SRM Institute of Science & Technology from 12th Dec 2022 to 25th Dec 2022.

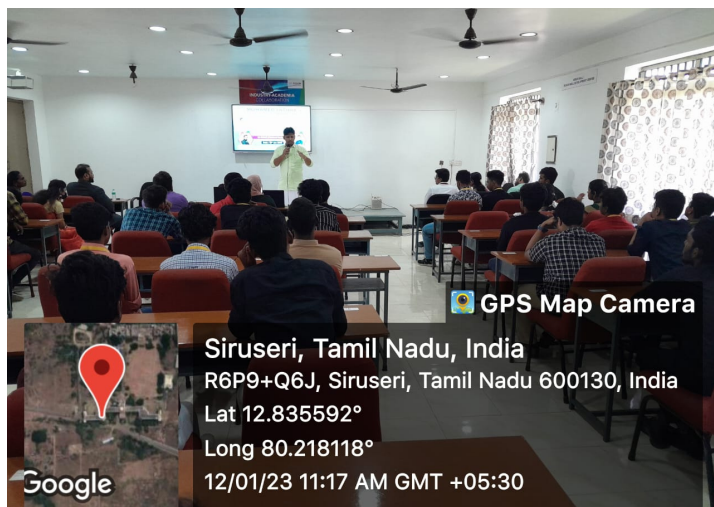
1. Dr.M.Sivakumar Prof./ECE
2. Mr.M.Ashokkumar AP/ECE
3. Mrs.S.Anusuya AP/ECE

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

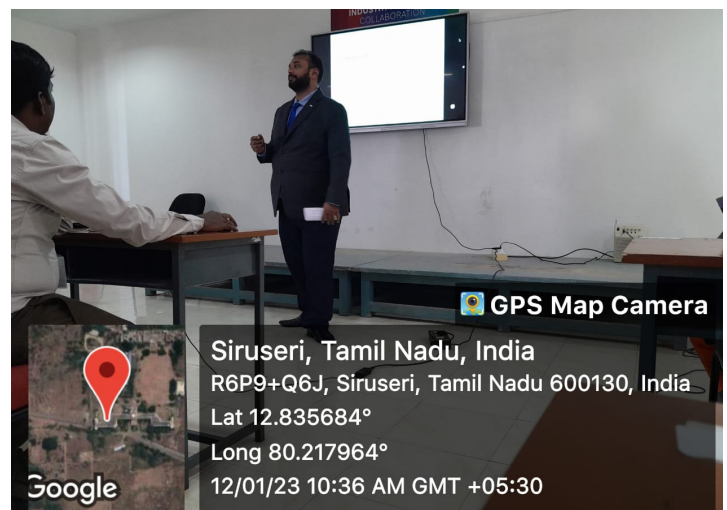
DEPARTMENT EVENTS



- A Workshop on 'Entrepreneurship skill, Attitude and Behavioral Development' was jointly organized by Department of Electrical and Electronics Engineering and IIC on 12th Jan 2023. Various students eagerly participated in the workshop.



Resource Person - Mr.Mohamed Zubair
Lecturing about Entrepreneur Skill to students.



Resource Person - Mr.Mohamed Rameez
Lecturing about Behavioural Skill to students.

STUDENTS ACHIEVEMENTS

- Mr.S.Bhuvanesh of 4th year EEE has Successfully completed internship on "Digital Marketing" at Daffodil Wellness during Dec 2022.

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENTS ACHIEVEMENTS



- Mr. P. Kishore the 3rd year has participated in the Silambam 2000 - A mass World Record Event Authorized by the Asia Book of Records & Indian Book of Records on 12th Dec 2022.
- Mr. P. Kishore from the 3rd year has won the gold Medal (single stick) in National Silamban Championship Jan 2023.

DEPARTMENT PROJECTS



- Our college's own Electric three-wheeler has been designed and fabricated by the students of the Department of Mechanical Engineering and Department of EEE department in Center for E-Mobility
- Faulty Coordinator
 1. Mr.C.Venkatesh AP/EEE
 2. Mr.S.R.Mohan AP/Mech

DEPARTMENT OF SCIENCE AND HUMANITIES

INAUGURATION DAY

- MSAJCE celebrated the 'Inauguration Day 2022 for the First Year Students on 14th November. The Chief Guest was Dr. Subramani, Director – Workforce Management at IBM.
- The Guests of Honor were Kalaimamani Dr. .G. Gnanasambandan, Actor & Tamil Orator and Alumni MS Lakshmi Narayanan graced the occasion with their presence.
- The Chief Guest and the guest of was felicitated and welcomed by the respected Principal, Dr. K.S Srinivasan. The dignitaries motivated the students with their enthralling speeches. Dr. Balakrishnan, Head of Academics proposed the vote of thanks. The program was compered by Dr. Reshmi K. V, Prof. Of English.



EVENTS

- On 10/11/2023 Fire safety awareness drill has been conducted and students were taken outside to showcase some real-life drills. There are general fire safety precautions that should be followed regardless of where we live. Taking time to review tips about the following fire safety issues can help to create a safer and more secure living environment for everyone. This was very clearly mentioned and demonstrated by the Safety Officer, Mr. A. Ramesh and Deputy Fire Safety Officer Mr. Mohan to the students and staff of MSAJCE.



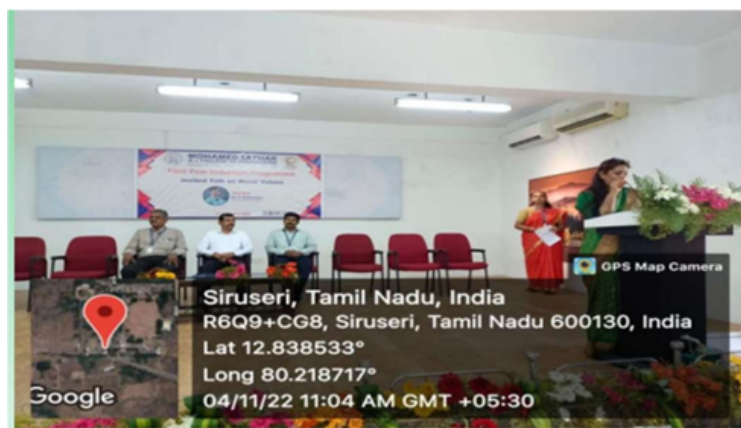
SEMINAR ON NEP 2020

- Institution's innovation council and Department of Science and Humanities jointly organize a Seminar on NEP 2020 on 28th November 2022, Dr. T. G. Sambanthan Professor and head(ret'd) /NITTTR, Chennai is invited as the chief guest and he took over the Seminar.
- Scope and objectives: To increase the focus on strengthening teacher training, reforming the existing exam system, early childhood care and restructuring the regulatory framework of education.



INVITED TALK ON "MORAL VALUES"

- On 04/11/2022 An invited talk on topic "Moral Values" is organized by the Department of Science and Humanities, Moral values are the key components of a person's character. They are personality traits guiding people to make decisions and judgements according to their own sense of what is right and wrong.
- The Chief guest of 'Invited Talk on Moral Values' Mr. Madasamy. P, Assistant commissioner of police (retired), shared strong Moral Values through his inspiring speech to the students of MSAJCE.



MSAJCE-TAMIL MANDRAM

- MSAJCE-Tamil Mandram conducted competitions on 16.12.2022 to commemorate the birthday anniversary of Mahakavi Subramaniya Bharathiyar. The aim is to create awareness among the youth about the contributions of Bharathiyar to the freedom movement and kindle their curiosity to learn more about Indian legends from Tamil Nadu. The title of the competitions: 1. Singing competition - Bharathiyar songs 2. Thiru Kural recital competition. The program was conducted in the fourth-floor auditorium. The program was coordinated by Ms. Usha, AP/English. All the students enthusiastically sang few Bharathiyar songs in chorus and enjoyed the program.



INDUSTRIAL VISIT

- The students went for an industrial visit to Tianno Fabricators in Madambakkam, Chennai. This visit helped the students to gain practical exposure on the working of machines and the use of the machines in different industries etc. The experts explained clearly about the working mechanism of the machines. The students were taken to different sections and were clearly explained.



- The students went for an industrial visit to Arkay Energy Ltd. Keelakarai, Ramanadhapuram. This visit helped the students to gain practical exposure on the working of machines and the use of the machines in different industries etc. The experts explained clearly about the working mechanism of the machines. The students were taken to different sections and were clearly explained.



DEPARTMENT OF PLACEMENT AND TRAINING

EVENTS

- Institution's Innovation Council and Department of Placement and Training jointly organize a session on Nov 2022 "Cyber security-trends and hygiene. Cyber security can be described as the collective methods, technologies, and processes to help protect the confidentiality, integrity, and availability of computer systems, networks and data, against cyber-attacks or unauthorized access.
- Resource person- Muhamed Samir



- Speakers: (Dec 2022)
- Mr. Mohammed Mansur
- Global Training Specialist Grundfos, "Social Media- The Challenges and Way Forward"
- 2. Dr. Niha Rumaisa R
- MBBS, MD(Psychiatry) Consultant Psychiatrist at ARK Hospital, "Drug abuse - Alarming rise among youth"



• Guvi Placement Drive

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

Placement Recruitment Drive
For 3rd Year Students

GUVI
Role - Software Development Associate

Salary Package: 6 - 10 LPA

• Success in Sight: Our Students Soar to New Heights!



| | |
|--|---|
| Total Number of students Interested in Placement | 138 |
| Total Number of student placed | 82 |
| Percentage of Student Placed | 59.4 |
| Total No of Offer | 117 |
| Total No of Single Offer | 55 |
| Total No of Double Offer | 20 |
| Total No of Triple Offer | 6 |
| Total No of Four Offer | 1 |
| Maximum Salary | 5.5 LPA (10 Students on and Above 5 LPA) |
| Average Salary | 2.5 LPA (45 Students from 2.1 LPA - 4.9 LPA) |
| Minimum Salary | 1.68 LPA (27 Students below 2 LPA) |
| No of Companies Conducted Drive | 25 |

DEPARTMENT OF PHYSICAL EDUCATION

EVENTS

- Sports and Games is an integral part of our total educational program. The Department of Physical Education Department at MSAJCE is committed to provide students with a worthwhile and enjoyable learning environment while providing the necessary knowledge and tools to adhere to a life time activity and better health.

- The training strategies of the Director of Physical Education, Dr.K.S. Santhosh Nathan enables students to understand the importance of sound health and fitness principles as they relate to better health and will be able to recognize the physical and mental benefits.
- Our college is the ground partner of Coal India 2023. A state level football tournament participated in registration forum at MCC hr. sec school Chetpet on 26th Jan 2023.

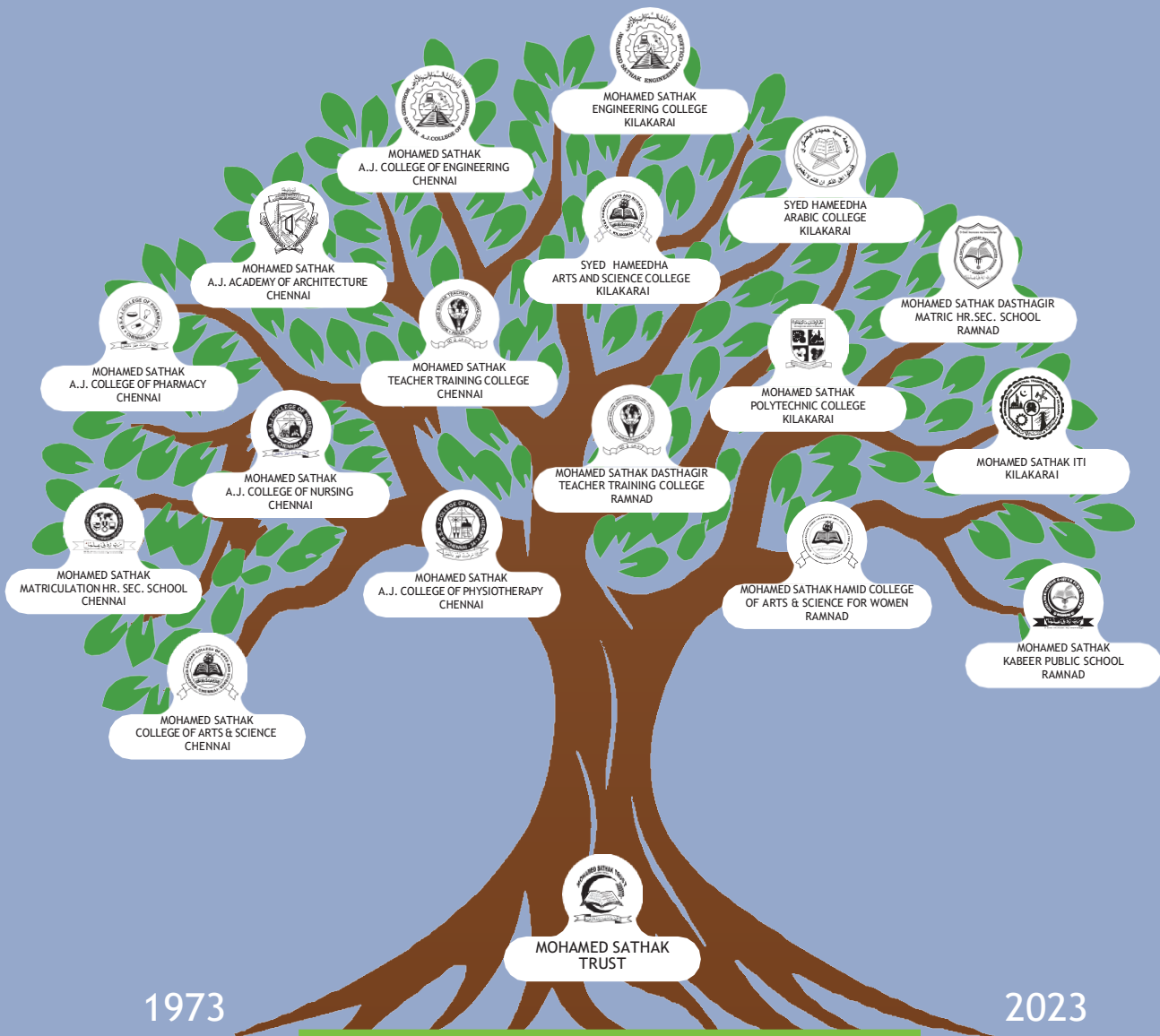


STUDENTS ARTICLES

“Accelerating Sustainability”

Electric vehicles (EVs) are reshaping the automotive industry. championing a greener & cleaner future. With zero Tailpipe emissions, EVs stand as an eco-conscious alternative to conventional gasoline vehicles. Featuring cutting-edge battery technology, they offer extended ranges and quicker charging, coupled with reduced noise levels & lower maintenance costs. Governments worldwide are actively promoting EV adoption to combat climate change, As charging infrastructure continues to expand. EVs are swiftly becoming a pragmatic choice for everyday transportation needs. This shift towards electric mobility represents a substantial stride in Curbing carbon emissions & forging a more environmentally friendly transportation landscape.

By N.PRASAD, II Year EEE



MOHAMED SATHAK GROUP OF INSTITUTIONS CHENNAI, KILAKARAI & RAMNAD

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