

SUCCESSFUL CAREER

- Placement in leading and core companies.
- Soft skills development, communication skills development and placement training.
- Motivating students to bud as good entrepreneur.
- Industry ready value added courses conducted.

PLACEMENTS AND INDUSTRIAL AFFILIATIONS



TESTIMONIALS

"As an alum of S.A. Engineering College's Mechanical Engineering program, I can confidently say that the education and experiences I gained there laid a strong foundation for my career. The curriculum was comprehensive, covering both theoretical concepts and practical applications, which equipped me with the skills needed to excel in the industry. The faculty were not just teachers but mentors who guided and inspired me to push my boundaries. Moreover, the college's emphasis on project-based learning and industry exposure prepared me well for the challenges of the real world. Today, I proudly carry forward the legacy of excellence instilled in me by S.A. Engineering College."

Mr. Shanjeeva Darshanan
(2017-2021) - ALUMNI
Masters of science in Engineering- Automotive Engineering
Coventry University, Coventry,
United Kingdom.



Learning is the essence of life. S.A. Engineering College had been my paradise temple where I met so many beautiful staff and faculties who encouraged me and boosted my skills to enlighten my life and where my wishes came true. I had an exciting experience on the premises to seek Beauty in culture within various departments. I thank all the people I met in my college life who made my life taste better. Thank You SAEC.

Mr. Jeeva R
(2015 - 2019) - ALUMNI
System Engineer
Infosys



SAEC as a college widened the prospect of application oriented engineering that opened doors to multiple opportunities. I'd like to thank the professors of Mechanical department who helped us craft a career of our choice and constantly pushed us to do better. Their skills, expertise and experience helped us a lot in practically understanding the possibilities and scope of the subjects. Relevant trainings and upskillings helped us to unravel the secret of interviews and helped us do better. Last but not the least, Thanks to SAEC for a solid foundation.

Mr. Hareswar T K
(2016 - 2020) - ALUMNI
Consultant - Cybersecurity,
NIQ-Chennai



Taking, the undergraduate program at SAEC was the best decision I have ever made in my life for kick-starting my career. The challenges that I encountered during the program helped me to find my professional strengths and to grow as an Engineer, which served as a key for me to succeed in this competitive and performance oriented world.

Mr. Sivakumar B
(2015 - 2019) - ALUMNI
M.Tech (Solar Energy)
SRM University



since
2008

UG
Programme
in
**MECHANICAL
ENGINEERING**

PG
Programme in
**M.E.
CAD/CAM.**

Ph.D
Programme
in
**MECHANICAL
ENGINEERING**
(Anna University
Recognized
Research Center)

21
BATCHES
GRADUATED

82
LAKHS
WORTH
FUNDED
PROJECTS IN
LAST 3 YEARS

60
STUDENTS
INTAKE

90%*
PLACEMENT

9
PATENTS
GRANTED

18
PATENTS
PUBLISHED

180
JOURNAL
PUBLICATIONS
IN LAST FIVE
YEARS



S.A. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION,
AFFILIATED TO ANNA UNIVERSITY)

DEPARTMENT OF MECHANICAL ENGINEERING

ADMISSION OPEN 2024

**we
shape
your
future**



COUNSELING CODE 1114



S.A. ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)
Accredited by NAAC with 'A' Grade ISO 9001:2015 Certified Institution
Poonamallee - Avadi Main Road, Thiruverkadu, Chennai - 600 077.

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Fax : 044-2680 1899
Website : www.saec.ac.in
E-Mail : saec@saec.ac.in

Follows us on :
f : /SAEngineeringCollegeOfficial
t : /saectweets
i : /saec_official

VISION

ACADEMIC EXCELLENCE: To strive and attain a premier position in providing Quality Higher Education integrated with Research and Scholarly activities in the emerging areas and diversity in the emerging fields of Mechanical Engineering, thus serving to the needs of the society.

INVENTORY OF SKILL DEVELOPMENT: To make our graduates to be adept in handling real life complex problems through Modern Tools and Techniques and while doing so making them to imbibe ethical practices and confident enough to assume leadership position.

MISSION

CONDUCTIVE ENVIRONMENT: To provide conducive atmosphere for effective teaching-learning by disseminating the knowledge in breadth and depth.

CENTRE OF EXCELLENCE: To practice modern tools and techniques so as to make our department a Centre of Excellence and sustainable in their growth.

CRITICAL AND CLINICAL THINKING: To transform our students to be open minded with critical thinking in their approach to real-life problem-solving situations keeping in mind the Professional, Ethical, Environmental and Societal aspects.

ACTIVE INVOLVEMENT IN R&D: To provide a perfect platform for our faculty and students to undertake research activities.

COLLABORATION AND INTEGRATION: To collaborate with the industries, premier Institutions in taking up consultancy projects, internship so that our students will acquire experience hands-on in current industrial practices and ethical standards.

IMPLEMENTATION OF STUDENTS QUALITY CIRCLE: To make our students imbibe leadership qualities by fostering in them a good amount of soft skills, personality traits and by way of active participation in extra-curricular and co-curricular activities.

FACILITIES



VERTICAL MACHINING CENTER



CNC LATHE MACHINE



FRICTION STIR WELDING MACHINE



Coordinate Measuring Machine



ROBOT LAB

CENTRE FOR EXCELLENCE

CEEDT
Energy and Nano Technology
FACILITIES AVAILABLE

- FABRICATION LAB
- SOLAR STILLS
- SOLAR PV PANELS
- ULTRASONICATOR
- MAGNETIC STIRRER

- ANEMOMETER
- RADIATOR TESTING RIG
- SOLARIMETER
- FLOWMETERS

Center for Smart and Advanced Materials
FACILITIES AVAILABLE

- FABRICATION LAB
- FSW MACHINE
- E-Bike
- Wheel chair vehicle



INTERACTION WITH INDUSTRY EXPERT



ASSEMBLY AND DISASSEMBLY OF IC ENGINE



HANDS ON TRAINING ON ADDITIVE MANUFACTURING

LIST OF MOU'S

S.A. ENGINEERING COLLEGE
21st FEB
APPLICATION OF FINITE ELEMENT ANALYSIS AND SCOPE FOR INNOVATION IN FUTURE
GUEST SPEAKER: Mr. B. SURESH KUMAR, Technical Lead, IASL, Bangalore

GUEST LECTURE BY INDUSTRY EXPERTS

S.A. ENGINEERING COLLEGE
22nd FEB
PROGRESS OF INNOVATION ECONOMY & TECHNOLOGY READINESS (IET, IIR, IIR, IIR) & COMMERCIALIZATION OF IIR TECHNOLOGIES & IIR TRIUMPH
GUEST SPEAKER: Mr. Rajaguru Prasad Reddy, Head - Business Support, IISRO

INSTITUTION'S INNOVATION COUNCIL

S.A. ENGINEERING COLLEGE
23rd FEB
PROTOTYPE/PROCESS DESIGN AND DEVELOPMENT
GUEST SPEAKER: Mr. S. Srinivasan, Head - Design & Development, IISRO

WORKSHOP

S.A. ENGINEERING COLLEGE
24th FEB
VALUE ADDED COURSE: HYPERMESH
TRAINER: Mr. A. Sankar Prasad

VALUE ADDED COURSE

S.A. ENGINEERING COLLEGE
24th FEB
FIELD VISIT TO SECTOR INDUSTRIES
9th MAY

INDUSTRIAL VISIT

S.A. ENGINEERING COLLEGE
24th FEB
9th DEPARTMENT OF MECHANICAL ENGINEERING NATIONAL LEVEL SYMPOSIUM
DYNAMIX 2023

SYMPOSIUM

STUDENT'S ACHIEVEMENTS

S.A. ENGINEERING COLLEGE
1st Prize in the Project Expo for Best Designed Truck Lifter Under the Guidance of Dr. A. Sankar Prasad

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1st Prize in the Project Expo for Best Designed Truck Lifter Under the Guidance of Dr. A. Sankar Prasad

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1st Prize in the Project Expo for Best Designed Truck Lifter Under the Guidance of Dr. A. Sankar Prasad

Fabrication of Innovative Projects

S.A. ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
STUDENTS ACHIEVEMENT #1
Our Students Team have Designed And Implemented A Friction And Wear-Testing Machine To Test Nano Particle Based Bio-Degradable Grease

S.A. ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
STUDENTS INNOVATIVE PROJECT
Under the Guidance of Mr. S. Praveen Kumar, Assistant Professor, Our Students were Developed Proton Exchange Membrane Fuel Cell with Novel Flow field pattern

S.A. ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
STUDENTS INNOVATIVE PROJECT
Under the Guidance of Mr. A. Sivaramkrishnan, Assistant Professor, Our Students Designed and Developed Energy Storage System (Hybrid FCU) Integrated with Parabolic Trough Collector.