



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

(MANAGED BY I.I.E.T)

APPROVED BY AICTE & AFFILIATED TO ANNA UNIVERSITY



COUNSELLING CODE

1309

Courses Offered

Master's Degree

M.E. Construction Engineering and Management

Bachelor's Degree

B.E. Civil Engineering

B.E. Computer Science and Engineering

B.E. Electronics and Communication Engineering

B.E. Electrical and Electronics Engineering

B.E. Mechanical Engineering

B.Tech Information Technology

363, Arcot Road, Kodambakkam, Chennai, Tamil Nadu 600024

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ABOUT THE COLLEGE

Meenakshi Sundararajan Engineering College (MSEC) was established by the IIET Society in 2001. This institution is a part of the prestigious KRS Group of Institutions, the renowned IIET (Indian Institute of Engineering Technology) established in 1947 by our Founder Late Shri K.R.Sundararajan, the well-Known Meenakshi College for Women and the more recently established Meenakshi Sundararajan School of Management. The institutions in the KRS Campus are known for the quality education they impart and the strict discipline inculcated in the students. MSEC has been recognized as among the top 10 Engineering Colleges in Tamilnadu by Anna University, for academic excellence right from its inception and is well known for its excellent placement record. It is also well known for its commitment in instilling values and ethics among the students. Its location is well connected by many bus routes and is closer to Kodambakkam Railway station.



VISION

To impart state-of-the-art technical education, including sterling values and shining character, producing engineers who contribute to nation building thereby achieving our ultimate objective of sustained development of an unparalleled society, nation and world at large.

MISSION

Meenakshi Sundararajan Engineering College, Chennai constantly strives to be a Centre of Excellence with the singular aim of producing students of outstanding academic excellence and sterling character to benefit the society, our nation and the world at large.

To achieve this, the college ensures

- Continuous upgradation of its teaching faculty to ensure a high standard of quality education and to meet the ever-changing needs of the society
- Constant interaction with its stakeholders
- Linkage with other educational institutions and industries at the national and international level for mutual benefit
- Provision of research facilities and infrastructure in line with global trends
- Adequate opportunities and exposure to the students through suitable programs, to mould their character and to develop their personality with an emphasis on professional ethics and moral values

FEATURES

- **Excellent academic achievements:** Ranked top in Anna University pass percentage produced University rank-holders since 2005 and hence in high demand in Counselling for admission for this college.



- **Well-equipped Infrastructure:** All departments have well equipped laboratory as per Anna University and AICTE norms. Also have additional well established facilities for research and consultancy.



- **Unique event for bridging the industry-academic gap – E Cube:** First of its kind, a weeklong celebration called E3 (Enrichment, Enhancement and Empowerment) is conducted at the beginning of every academic year, where each and every student is allowed to participate in technical paper presentation and mini project/ project presentation; also career guidance based lectures, group discussion and mock interviews are arranged. The event helps the students to improve their inter personal skills, communication skills etc.



- **Industry collaboration one day seminar** Expert talk, hands-on workshops, industrial visit on department specific topics to cope up with industry needs.



- **AEP (Achieve Excellence Program):**

To encourage and motivate the high performing students to excel in all spheres; students are involved in various industry projects, research work and high-end training.



- **Mentoring and counselling systems** – To encourage and uplift the weaker students to improve their academic performance and personal guidance to develop their life style and career.



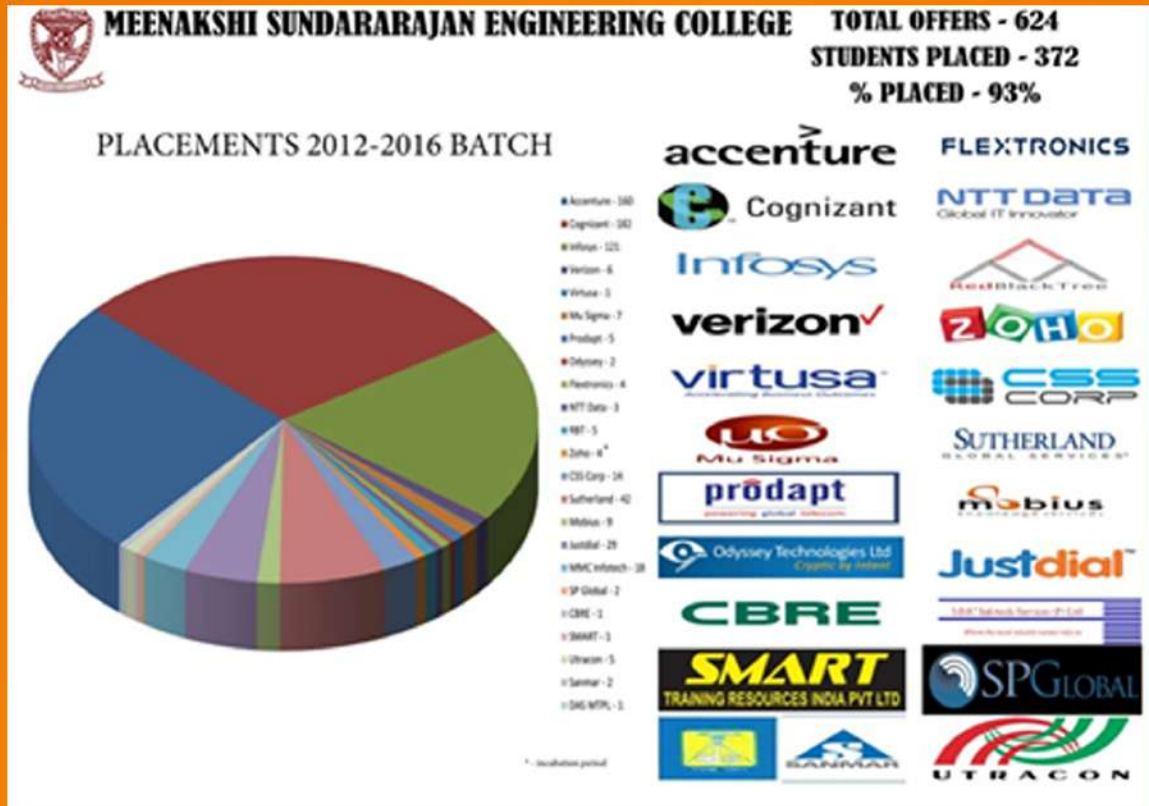
- **Students Technical Fest -National level technical symposium**
Event completely organised and managed by the students to enable them to develop skills like planning, organizing, coordinating and executing various programs.



- **Professional Society:** All students are active members in professional societies like CSI, IEEE, ISTE, NIQR, IETE, SAE, ICI, CEA, CTS Student club, Microsoft student partner, Accenture Student Empowerment Program (ASEP) including department associations.



- **Excellent placement record:** Year after year, students graduating from this college get recruited in top rated companies through on and off campus interviews.



- **Foreign language training:** All students learn JLPT level 5 (Japanese language) and write examination conducted by Japanese foundation by ABK-AOTS DOSAKAI, Tamilnadu.



- **Extra-curricular:** Cultural activities are encouraged as also participation in various sports. Vast playgrounds are available in the campus.



- Vivek Kopparthi, our alumni has been awarded as the “2018 ICICI Bank NRI OF THE YEAR” by 5th EDITION OF TIMES NOW & THE MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA in the startup category.

Basel.Ayyar@timesgroup.com

► 95% accuracy. P. 4

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- **R & D:** Having contacts with big R & D Institutions as also established tie-up with industries for innovation. Students and staff are encouraged and supported for R & D activities. Conferences are conducted both at national and international level, outcome of which will help for R & D activities.



- Three off-grid solar power plants with each 5KW SOLAR POWER PLANTS have been erected and commissioned on the roof top of the CIVIL engineering block. This plant has been built with the approval of MNRE/GOV. of India at a total cost of RS23.51 lakhs and funded partially by GOVT. OF INDIA/MNRE/NEWDELHI we have received RS7,12,800 as CENTRAL FINANCIAL AID (CFA). It comprises poly crystalline solar PV power plant, thin film and mono crystalline power plants. Research work is still carried from the time of installation by the students and staff.



- The energy generated is utilized for THIRD FLOOR Civil Block Class rooms, SM lab GROUND FLOOR/ CIVIL BLOCK and first floor in main block/MSEC.

DEPARTMENTS

Civil Engineering

The Department of civil engineering stands out in providing quality education imbued with practical skills from the industry. It is housed in a separate block equipped with all facilities such as strength of materials lab, Soil Mechanics lab, Survey Lab, Concrete technology lab, Geology lab, PG Computer lab and also a CADD Lab with a spacious Drawing hall. Regular visits to construction sites, industry field visits and survey camp are the salient features of this department. Its Services are in regular demand by the community for research purposes like Construction Consultancy, water testing, Structural Design, Soil Testing etc., Our department has produced many achievers who are occupying good positions in organizations like INDIAN NAVY, IES, IRS etc. In addition to producing considerable number of rank holders, our students secure high GATE score and hence placed in top institutes like CSIR, IIT, NIT, NIOT, Central and State Government. The department is encouraging the students to become eminent Entrepreneurs. We have close relationship with such Entrepreneur for mutual benefits.



Computer Science and Engineering

The Department of Computer Science and Engineering established in 2001, has for its mission to inculcate innovative thinking and analytical acumen in addition to imparting quality education in the theory and application of Computer Science and Engineering. State-of-the-art Computer labs equipped with high end hardware and software packages and provided with high speed broadband connectivity are the salient features of this well established department. The department prides itself in its academic excellence and outstanding placement records. It has consistently provided university rank holders. Research Projects are taken up by our department and funding proposal of 20000 UD Dollar from NLTVC, Malaysia to set up a research lab. The alumni are well placed in good positions in global organisations such as Microsoft, Apple, Nvidia etc. Many have completed their higher studies in reputed Universities such as ETH Zurich, Arizona State University, Penn state University etc. The Department has fostered many successful entrepreneurs and able administrators.



Electronics and Communication Engineering

The Department of Electronics and Communication Engineering started in 2001, is a leader in the implanting high quality education and turning out technically sound professionals. The strength of the department is doubled in the year 2010. Most of the alumni are currently working with top organizations such as INDIAN NAVY, DRDO, INTEL, APPLE, VISA INC., and CISCO. Two of its alumni have hit the FORBES LIST for young achievers as Entrepreneurs in the International Arena and several of the alumni are well placed in industry. Our alumni are also currently doing their Masters and Research in World's top Universities. The department also has tie up with leading research organizations world-wide and students are encouraged with research methods and off-beat thinking while learning the subjects.



Electrical and Electronics Engineering

The Electrical and Electronics Engineering Department of MSEC commenced in the year 2003. The department lays emphasis on equipping its students with conceptual knowledge and comprehensive technical training to meet the requirements of the industries. The department has the unique distinction of student's projects which have consistently addressed advanced practical industrial problems and have been recommended for patenting. Every year many students have bagged university ranks, bringing laurels to the college. Research and development works are being carried out in the field of solar. Three off-grid solar power plants have been commissioned at the roof top and are functioning. The department has produced many notable entrepreneurs who are successful in their respective fields which we are very proud of.



Information Technology

The Department of Information Technology was started in the year 2001 with intake of 60 students. The department constantly strives with the singular aim of producing students with outstanding academic excellence and sterling character to benefit the society, our nation and the world at large. The dedicated and committed staff, excellent infrastructure, well equipped computer labs with the latest hardware, software and high internet connectivity ensure that the students are moulded with the strong conceptual understanding which makes them outstanding professionals and high achievers in reputed companies in the field of Information technology. Campus agreement has been signed with leading software and hardware giants like Microsoft, IBM, Adobe and HP. The Microsoft Campus agreement facilities the entire institution to be equipped with latest products.



Mechanical Engineering

The Department of Mechanical Engineering has state-of-the-art laboratories catering to academic, consultancy and research requirements. The department's endeavor is to develop its students to be 'industry ready' when they graduate. Engineers coming out of mechanical engineering department are "best fit" for industrial scenario. Design and drafting skills are well imparted and hence they feel at home in the employment field and even to grow to top levels. The Department of Mechanical Engineering was established in the year 2011. The department has well qualified faculty with excellent teaching, training and industrial experience. Our state-of-the-art laboratories have been used continuously for providing metrology services as well as CNC Turning, CNC Milling and Universal Grinding to our Industry-Institution Interaction clientele. The department's endeavour is to develop its students to be 'industry ready' as they graduate. Students of mechanical engineering department gain industrial exposure and are prepared to face future challenges by undergoing industrial visits, in-plant training and by carrying out their Final Year Projects in-house and at various eminent organizations like ASHOKLEYLAND, SIMPSONS, FORD, CVRDE, DRDO, NAL, BHEL, TVS group of companies etc. Ford Motors have stated that the project carried out by our students was a breakthrough technology. Students have participated successfully in SAE INDIA BAJA Event and they have also developed successfully design and fabrication projects such as 3D printing Equipment. The department has memorandum of understanding with various Institutions, Industries and Research organizations for collaborative research and development work. The Department takes pride in achievement of its alumni, who have shined in various walks of life throughout the world.



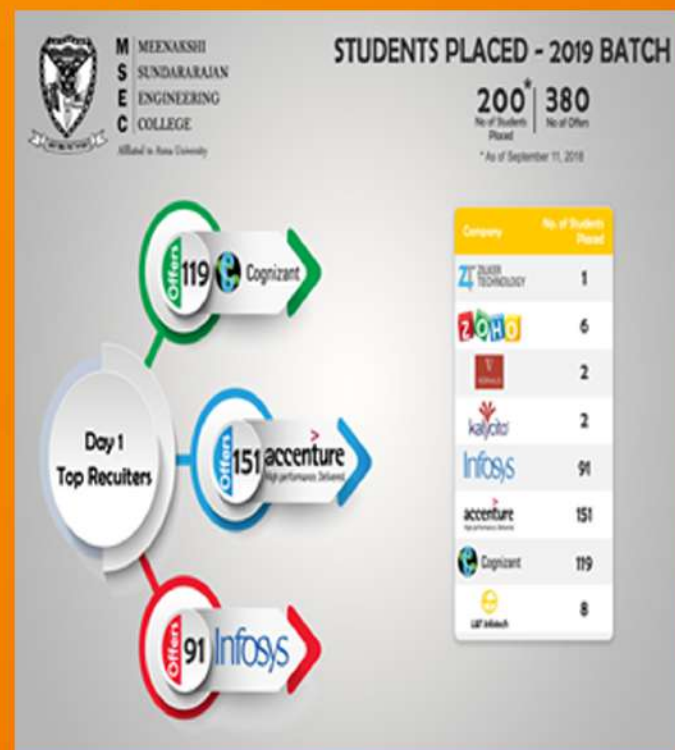
Department of Humanities & Science

The department of Humanities and Science was established with a vision to foster innovative ideas and research among the students and faculty members. It serves as the basis of liberal arts education and provides a platform to explore new horizons in the world of science. The department consists of faculty from the disciplines of Mathematics, Physics, Chemistry and English. Faculty members are known for their ability in counselling and their talent in mentoring the students. They create the spark in students to learn more and more.



PLACEMENT

Meenakshi Sundararajan Engineering College is one of the most reputed colleges under Anna University. The college aims at providing the best placement opportunities to its students. Meticulous efforts are taken by the Placement Cell to ensure that the students are recruited by top-notch companies in the industry. The Placement Cell functions under the leadership of a Placement Officer, faculty representatives and Coordinators from each and every department. The ultimate aim of the Placement Cell is to achieve 100% placement. Reputed institutes are hired to provide training for aptitude tests, group discussions, preparations for Technical and HR interviews. This training grooms our students to face the campus interviews with confidence.



List of MOU's

- | | |
|---|------------------------------------|
| 1.Tata Consultancy Services (Tcs) | 2.Bimetal Bearings Limited |
| 3.Sundaram Brakelinings Limited | 4.Addison & Co., Limited |
| 5.Simpson & Co., Limited | 6.V I Micro Systems Pvt. Limited |
| 7.Scigenics Biotech Pvt Ltd | 8.Micromatic Machine Tools Pvt.Ltd |
| 9.Consolidated Construction Consortium Ltd (Cccl) | 10.University Sains Malaysia |
| 11.Easun Group | 12.Nihon Technology Pvt. Ltd |
| 13.Marlen Infomedia Pvt.Ltd. | 14.Thesys Technologies Pvt.Ltd.. |
| 15.Multimedia University -Malaysia | 16.Super Auto Forge Private Ltd. |
| 17.Wabco India Limited | 18.Nltvc Sdn Bhd |
| 19.Tvs Motor Company Limited | 20.Shyamala Associates |

LIBRARY

Digital Library:

It facilitates access to Electronic Information Services to ensure that the information needs of our Students, Faculty and Staff are met. Staff and Students can access E-journals from IEEE/ASPP, ASME, ASCE, ASTM, SPRINGER, J-GATE.

Library Collection:

- Total Number of Books(Print) Volumes-27402
- Total Number of Titles -9176

Services

- Circulation Services
- Reference Services
- E-Access Services
- CD-Rom Services
- Digital Services
- Question Paper Services



CLUBS AND ACTIVITIES

- Governing council.
- Academic council.
- Hostel committee.
- Library.
- Disciplinary.
- Anti-Ragging.
- Anti-Sexual Harassment.
- Planning & Monitoring & Infrastructure
 - o Maintenance & Safety.
 - o Energy Conservation.
- Student Welfare & Development Committee.
- Staff Welfare and Grievance Committee.
- Co-Curricular & Extra Curricular
 - o Sports.
 - o Cultural.
 - o NSS.
 - o YRC.
 - o Lions Clubs Leo Clubs.
- Grievance & Redressal.
- Entrepreneurship Development.
- Industry Interaction.
- Placement Development.
- Staff Recruitment.
- Research & Development Consultancy.
- Alumni.



SPORTS

- Cricket –Net practice Court
- Basket Ball Court
- Volley Ball Court
- Chess board
- Table Tennis:2 Court
- Shuttlecock Court

Our Physical Director has been nominated as jury for various sports events conducted outside and also serves as committee member in selection of sports teams.



