RRASE
College of Engineering

Temple of Learning

RRASE
College of Engineering

"You don't have to be great to start.
But you have to start to become great."

RRASE
College of Engineering

(Approved by AICTE, New Delhi and Affiliated to Anna University,Chennai)
AN ISO 9001:2015 CERTIFIED INSTITUTION

Temple of Learning

ராசி
பொறியியல்
கல்லூரி

AU Counselling Code

1437

"You don't have to be great to start.
But you have to start to become great."

College Run By Academicians

www.rrase.com

ABOUT RRASE

RRASE College of Engineering approved by AICTE and affiliated to Anna University, Chennai is run by RRASE Health and Educational Trust. The Founder of the Trust Dr.S.Renganathan is an Academician with rich experience in Teaching and Research. He was Dean in MIT, Anna University. He believes in quality in education at affordable cost and education for innovation.

The location of the college is 1.5 km from Padappai on the Tambaram-Oragadam Highway.The campus is spacious green, quiet and pollution free.This College is ideal for systematic learning. All the necessary facilities to provide a conducive academic ambience are already established in the premises.

RRASE doesn't limit itself to technically extravagant but also culturally diversified. The Campus buzzing with activities all through the year provides opportunity to students to showcase their talents and prove their mettle in various genres.

Vision

To produce knowledgeable trained, Quality Socially Sensitive Human Who wil be able to Innovate the Existing Techonology for the Welfare of Society

Mission

To Produce Systematic and organized Procedure for Learning with Necessary Infrastructure so that Creative Ability of Students will be enhanced.

To provide opportunities to train on self as full-fledged human being who will face the world with confidence and courage

To provide facilities of acquiring communication skills team working habit and leadership skill

To provide facilities for taking up research relevant to our society

DR.S.RENGANATHAN
B.E., M.E., Ph.D., F.I.E.T.E(India)
F.I.S.A(USA), SMIEEE(USA)

Founder's Message

WELCOME TO RRASE COLLEGE OF ENGINEERING

Dear Students,

I am delighted to welcome you all to Rrase College of Engineering. Our aim here is to provide you people with knowledge skills and attitude to have a successful and happy career. We believe everyone has a potential to be uncovered and nurtured. The College offers a small close-knit community. Students are safe secure here.

Our staff are friendly and professional and thoroughly committed to education.

The use of modern technologies prepare the students to face the real world boldly. The college provides sports and cultual programs to improve their physical and mental health. The College provides excellent placement of its students in reputed companies in India.

By choosing to study here you can be sure you will develop the skills and attitude needed for success in your career of choice. To compete in the world you need world standard education. In the College you will gain a recognised Anna University degree that will open doors to leading universities in India and abroad.

First step towards an extraordinary future should be right step. Therefore join Rrase College of Engineering as your first choice for undergraduate study
I look forward meeting and guiding you to ensure that you receive the first class education and training.

DR.R.RENUGADEVI
M.B.B.S., M.D., D.G.O., F.C.D.,(Diabetalogy)
Managing Directer RRase Hospital
Chennai.

Fonder's Message

WELCOME TO RRASE COLLEGE OF ENGINEERING

Dear Students,

Human Civilization, is what it is today, because of Education, Listening, Learning and Experiencing is Education. If this takes place in conductive environment, it makes a person-wise and real human being. Pleasant behaviour self confidence, personal communication positive attitude social concern good mental and Physical health care for elder are important ingredients that a student should acquire and Habituate when he or she is in College in addition to Domain knowledge and skill.

Rrase Health and Educational Trust was founded with the cherished objectives of providing the necessary ambience and a good set of faculty.We transform girls and boys given to us by the parents to ladies and gentlemen. In this endeavour, I am being advised by seasoned knowledgeable academies like Dr. Renganathan who has four decades of academic experience in MIT Anna University.

Dr. V Chellammal Professor Anna University, Dr. Subra Ganesan Professor Oakland University Rochester, USA, Dr. B Bala Baskaran professor IIT Madras and Dr. Kavi Varadharajan professor in University of tennesse USA, I have a great pleasure in extending a warm welcome to you and your ward to join our group and we together establish a benevolent knowledge society
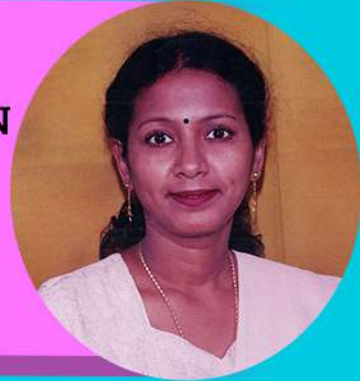
MANAGING COMMITTE MEMBERS

RRASE COLLEGE **MANAGEMENT**

Dr. SUBRA GANESAN
B.E., M.E., Ph.D, SMIEEE(USA)
Professor and Head,
Dept.of Computer Science
Oakland University, Rochester, USA

Dr. ARASEE RENGANATHAN
M.B.B.S., F.R.C.O.G (London)
URO Gynaecologist, London

Dr. SENTHILVEL
M.D., M.B.A., (London), F.F.P.M., M.F.P.M
Director, Global Medical Affairs
and R&D, BRITANNIA, UK

Er. MARIANNAVEL
B.S., (Engg)
Director,
RRASE College Engg, Chennai.

Why Study in RRASE ?

Qualified and Experienced Faculty

Tension Free Campus

Carrier Guidance And Placement Training

Excellent Infrastructure, State of Art Labs & Class Rooms

Digital Library Access to National and International Journals

Secure and Comfortable Hostel for Boys and Girls

Both Indoor & Outdoor Sports

Uninterrupted Internet Facility

Periodical Industrial Visits

Guidance For Higher Studies

Extra curricular & Co Curricular Activities

Programmes at RRASE Chennai

UG Programmes

- B.E Automobile Engineering
- B.E Civil Engineering
- B.E Computer Science & Engineering
- B.E Cyber Security
- B.E Electronics and Communication Engineering
- B.E Electrical and Electronics Engineering
- B.E Mechanical Engineering
- B.Tech Artificial Intelligence & Data Science
- B.Tech Information Technology

PG Programmes

- M.E Computer Science & Engineering
- M.E Computer-Aided Design
- M.E Communication and Networking

MBA

- MBA Master of Business Administration

> " The best brains of the nation may be found on the last benches of the classroom "
>
> - A. P. J. Abdul Kalam

B.E - Automobile Engineering

WHAT IT TAKES TO
DESIGN YOUR DREAM CAR

ABOUT THE DEPARTMENT

the Deparment Follows the Syllabus of the Anna University and to Supplement the Syllabus Guest lectures and industrial visit are organized The Department Of Automobile Engineering Has Dedicated and Qualified Faculty Members The department has tie up with Eicher Motors Group for training dip Diploma Hunter in Welding & two-wheeler & three-wheeler Services

MECHANICAL SCIENCES LAB

FUELS AND LUBRICANTS LAB

VEHICLE COMPONENTS LAB

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required pratical training to the students

. Workshop Practices Laboratory
. Electrical and Electronics Engineering Laboratory
. Mechanical Sciences Laboratory
. Manufacturing Technology Laboratory
. Vehicle Components Laboratory

CAREER OPPORTUNITIES

. Design Engineer
. Senior Production Engineer
. Automobile Designer.

B.E CIVIL ENGINEERING

ABOUT THE DEPARTMENT

The Department of Civil Engineering with it's multifaceted Faculty continues to maintain and cutivate its Strong links in building and construction industry and academic and research institution. The Department has highly committed Faculty who strive to Provide a quality Education to the Students and work hard to develop the overall personality of the Students.

The Department has conducted in the past Several National level seminars, symposiums and workshop for the benifit of students and academicians

SURVEYING

JAR TEST APPARATES

WATER ANALYSIS

LABORATORIES

The Laboratories in the department contain self sufficient equipment to impart the required pratical training to the students

. Construction Materials Laboratory
. Surveying Laboratory
. Strength of Materials Laboratory
. Highway Engineering Laboratory
. Creative And Innovative Project
. Soil Mechanics Laboratory

CAREER OPPORTUNITIES

. Construction manager
. Geotechnical engineer
. Environmental engineer
. Public Health engineer
. Urban planning engineer
. Structural Designer

B.E-COMPUTER SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT

The whole team of department of Computer Science and Engineering Works with the sense of responsibility and dedication to excel and achieve success in this era of Technology. Apart from providing conventional technical education and rich learning environment emphasis on co-curricular activities such as conference Workshop we also prepare students for competitive jobs market .

The objective is to provide knowledge of modern computing system as well as sound theoretical background to meet the needs of Industry and to instill ethical values

COMPILER

DATA BASE MANAGEMENT

C PROGRAMMING LAB

LABORATORIES

The Laboratories in the department has latest equipment to impart the required practical training to the students

- Python programming Laboratory
- C programming Laboratory
- Datastructure & Database management , OS
- Network & Graphics Laboratory
- Compiler & Security Laboratory
- Mobile Application Development Laboratory

CAREER OPPORTUNITIES

- Database Administrator
- Computer Hardware Engineer
- Computer Systems Analyst
- Web Developer
- Computer Network Architect
- Project Manager
- Software Engineer & More
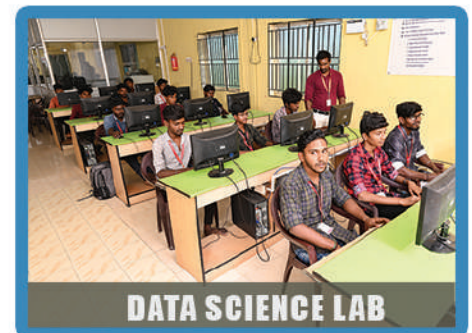
B.E-CYBER SECURITY

ABOUT THE DEPARTMENT

B.E Computer Science and Engineering (Cyber Security) is a 4 year undergraduate programme which emphasizes comprehensive knowledge of Cyber Security Network Security, concepts of computer science, Cryptography, Block chain etc. The past two decades have seen massive growth in the internet and computer industry, leading to a boom in job opportunities in the field. Cyber Security and block chain is one of these career opportunities due to its need in today's digitally paced world

CYBER FORENSICS LAB

NETWORK SECURITY LAB

DATA SCIENCE LAB

LABORATORIES

The Laboratories in the department has latest equipment to impart the required practical training to the students

- Database Management Systems and Security Laboratory
- Datastructure & Database management , OS
- Cryptography and Cyber Security Laboratory
- Python programming Laboratory
- Cyber Forensics
- Network Security

CAREER OPPORTUNITIES

- Network Security Engineer. ...
- Cyber Security Analyst. ...
- Security Architect. ...
- Cyber Security Manager. ...
- Information Security Manager. ...
- Cybersecurity Engineer. ...
- Application Security Engineer.

B.E - ELECTRONICS AND COMMUNICATION ENGINEERING

ABOUT THE DEPARTMENT

The department strives to motivate students for research in recent technologies for future development and build up their Sound presentation and communication skills. Department has the most advanced and aesthetical infrastructure facilities

The department of electronics and communication engineering has a team of dedicated, talented, well qualified and experienced teaching faculty .The students are also encouraged to participate in symposium and conference and they are motivated to present papers

FUNCTION GENERATOR

DIODES

POWER SUPPLIER

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required practical training to the students

. Analog and Digital Circuits Laboratory
. VLSI Design Laboratory
. Embedded Laboratory
. Optical and microwave Laboratory
. Circuit And Device Laboratory
. Linear Integrated Circuit Laboratory

CAREER OPPORTUNITIES

. VLSI communication Engineer
. Data Analyst
. Electronic circuit designer
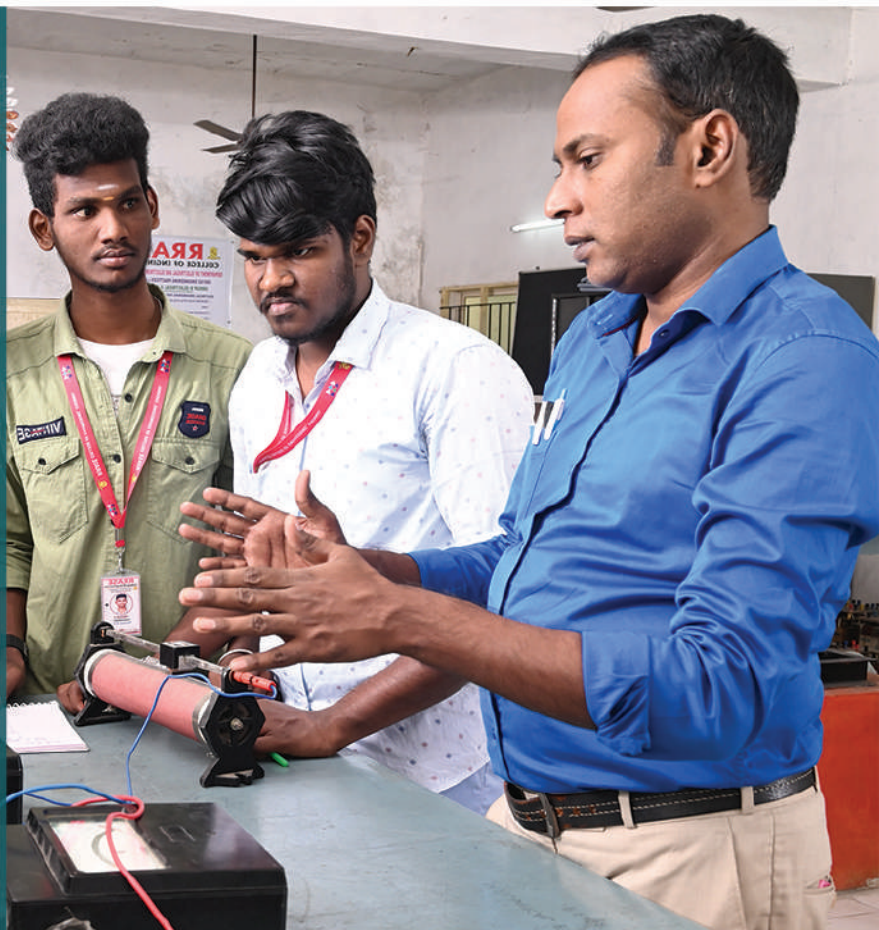. Program analyst
Communication Engineer

B.E Electrical and Electronics Engineering

ABOUT THE DEPARTMENT

The department has well established Laboratories with sophisticated Equipment supplementing future needs of the student the lab facilities are being upgraded from time to time to provide adequate opportunities for the student to learn and innovate

The department has organised short term training programs seminar workshop guest lectures by experts technical and non technical students fests regularly. The faculty in the department is a rich blend of personnel with Industrial and professional experience.

POWER ELECTRONICS

CONTROL INSTRUMENT

ELECTRONICS LAB

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required practical training to the students

. Electrical Circuits Laboratory
. Electronics Laboratory
. Power Electronics Laboratory
. Engineering Practice Laboratory
. Control And Instrumentation Laboratory
. Electrical Mechines Laboratory

CAREER OPPORTUNITIES

. Acoustic Consultant
. Aerospace Engineer
. Broadcast Engineer
. Electronics Engineer
. Nuclear Engineer
. Sound Engineer
. TNEB Engineer

B.E MECHANICAL ENGINEERING

ABOUT THE DEPARTMENT

The department of mechanical engineering is the best department with excellent lab facilities and enriched by Senior faculty members. The students are given ample theoretical and practical input during the four years of study in the campus

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Very evident researchers industrial experts are invited for giving experts lecturers in current Technologies research Trends for the benefits of the students. The department conduct regularly technical fest workshop and Technical seminar for the benefits of students to bring out their hidden talents

MACHINE LAB

WORKSHOP

SOM

LABORATORIES

The Laboratories in the department contain self sufficient equipment to impart the required practical training to the students

. Manufacturing Technology Laboratory I & II
. Fluid Mechanics Laboratory
. Strength of Materials Laboratory
. Dynamics Laboratory
. Metrology and Measurements Laboratory
. Simulation and Analysis Laboratory

CAREER OPPORTUNITIES

. Automotive Industries
. Manufacturing Industries
. Energy Utilities
. Government Agencies
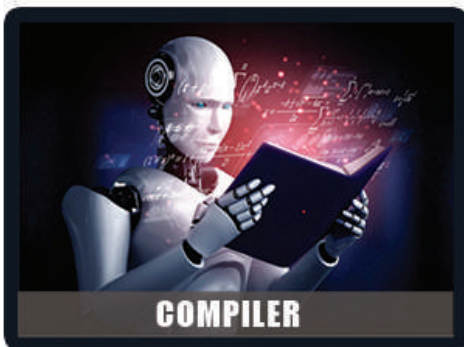. Indian Armed Forces and Ministry of Defence, etc.,

B.Tech Artificial Intelligence & Data Science

ABOUT THE DEPARTMENT

B.Tech in Artificial Intelligence & Data Science (AI & DS) is focused on providing a solid academic foundation in the core concepts of artificial intelligence and data science along with a deep understanding of their applications to develop professionals that are ahead of the curve in the rapidly changing eco-system of the technology industry.

The programme aims to instill theoretical capabilities and provide the know-how to create practical solutions for enterprise and society.

COMPILER

DATA BASE MANAGEMENT

C PROGRAMMING LAB

LABORATORIES

The Laboratories in the department contain self sufficient equipment to impart the required practical training to the students

. Artificial Intelligence Laboratory
. Database Design & Management Laboratory
. Data Science and Analytics Laboratory
. Machine Learning Laboratory
. Deep Learning Laboratory

CAREER OPPORTUNITIES

. Artificial Intelligence Engineer
. AI Researchers
. Data Scientist
. Data Analyst
. System Analyst
. Machine Learning Engineer

B.Tech Information Technology

ABOUT THE DEPARTMENT

The department AIMS at providing latest technologies in IT sector in order to serve the needs of industry and scientific community. It has well qualified faculty infrastructure and state-of-the-art equipments

The department is actively involved in conducting International Conference, industrial training and other professional skill development activities.

WEB PROGRAMMING LAB

DATA BASE MANAGEMENT

GRID & CLOUD

LABORATORIES

The Laboratories in the department has latest equipment to impart the required practical training to the students

. Python Programming Laboratory
. Data Structure Laboratory
. Operating System Laboratory
. Case Tool Laboratory
. Mobile Applicatication Development Laboratory
. Software Engineering Lab

CAREER OPPORTUNITIES

. Data Mining Industries
. E-Commerce Industry
. Telecommunications company
. software developer
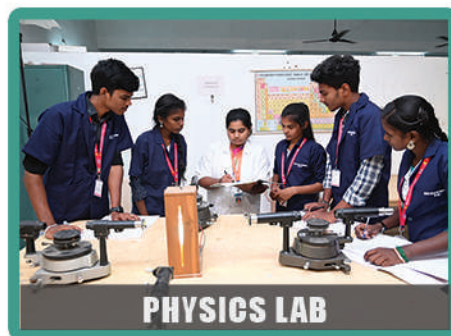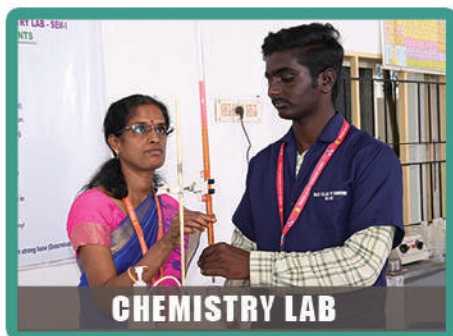. System Analyst
. Applications Developer

Humanities & Science

ABOUT THE DEPARTMENT

The department of Science and Humanities includes basic knowledge in mathematics, physics, chemistry and English which are the foundation of Engineering education

Mathematics the queen of science is the basic for all branches of Science Engineering and Technology. Any Complex ideas can be logically expressed by equations and formula. Mathematics itself is a language through which difficult problems can be addressed.

CHEMISTRY LAB

PHYSICS LAB

COMMUNICATION

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required practical training to the students

. Chemistry Laboratory
. Physics Laboratory
. Communication & Soft Skill Laboratory

Theodore von Karman remarked that a scientist is one who 'seek to understand what is and the engineer is' one who 'seek to create what never was'.

PHYSICS & CHEMISTRY

The study of Physics uncover the mysteries of nature through the knowledge of Properties of Matter. In the Physics laboratory Adequate equipment and instruments are available for performing any type of experiments involving light and other form of energy

The study of chemistry is crucial in the manufacturing process. Besides the transformation of one form of material to another. Equal important is the study of Environmental Chemistry and Engineering to save the world from pollution

M.E Computer-Aided Design

ABOUT THE DEPARTMENT

The department aims to deliver high talented personal to meet the growing demand for application of computer in Mechanical engineering

We focuse on the latest technology in modern CAD applications that enable student to carry out a wide range of design and analysis activities in product development. We include concept sketching 2D design and drafting 3D modelling.

WEB PROGRAMMING LAB

DATA BASE MANAGEMENT

GRID & CLOUD

LABORATORIES

The Laboratories in the depaetment containl latest equipment to impart the required practicel training to the students

. Vibration Laboratory

. CAD Laboratory

. Advance Analysis Laboratory

. Simulations Laboratory

. Applicatication Development Laboratory

. Design Engineering Lab & etc.....

CAREER OPPORTUNITIES

. CAD drafter

. CAD technician

. Graphic designer

. Game tester

. Interior designer

. Architectural technologist , etc...

M.E Computer Science and Engineering

ABOUT THE DEPARTMENT

The department AIMS at programming latest technologies in IT sector in order to serve the needs of industry and scientific community. It has well qualified faculty infrastructure and state-of-the-art equipments

The department is actively involved in conducting National Conference industrial training and other professional activities

DATA STRUCTURE LAB

DATA BASE MANAGEMENT

C PROGRAMMING LAB

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required pratical training to the students

. Data Structure Laboratory
. Data Analtics Laboratory

CAREER OPPORTUNITIES

. Data Mining Industries
. Data Analyst
. Telecommunications Companies
. software developer
. System Analyst
. Applications Developer , etc.,

M.E Communication and Networking

ABOUT THE COURSE

Master degree in communication and networking is professional level degree. the department provided the right set of practical experience to ensure that students make it to the top most position in the field

The staff are committed highly experienced. The students are also encouraged to participate in symposium and conference and they are motivated to present papers.

FUNCTION GENERATOR

DIODES

POWER SUPPLIER

LABORATORIES

The Laboratories in the department contain latest equipment to impart the required practical training to the students

. Advance DSP Laboratory
. Communication Networks Laboratory
. Internet of Things Laboratory
. Linear Integrated Circuit Laboratory

CAREER OPPORTUNITIES

. Network administration.
. Network technical support.
. Network security.
. Network operations.
. Network Design.
. Communications analysis , ect.,

MBA

Master of Business Administration

ABOUT THE COURSE

The department of management studies is established with in an objective of producing young management executives. The MBA programme is a 2–year (4 semester) full time Master Degree Programme in Business Administration

The Department Aim Of Maintain High Standards In Conduction Lectures By Academicians, Industrial Tours, Personality Development Programs, Case Studies And Guest Lecturers Form Industry

DEPARTMENT STRENGTHS

- Experienced Dedicated and Committed Faculty
- Problem Based Learning Methodology Along With Case Study Approach
- Focused On Creating World Class Leaders/Managers
- Focused On Skills Sets –Soft Skills As Well As Managerial Skills
- Enhancing Practical Knowledge By Conducting Industry Visit
- Pre-placement training is given in accordance with industry requirement
- Workshops And Seminars Are Regularly Organized On Recent Trends In Management
- Guest Lectures Are Arrange With Experienced In Industry People

CAREER OPPORTUNITIES

- HR
- Brand manager
- Sales Manager
- Digital Marketing Manager

SPORTS FACILITIES

Active involvement of students in sports in an important component of campus life we believe that Sporting skills are integral to life and teach students the basic health and fitness, team play, healthy competition and treating failure and success equally. Inter College competitions are organised to promote Sporting spirit.

MEDICAL AND BANK

The college offers a very safe and Secure environment with round the clock security ATM facility of Lakshmi Vilas bank is functioning near the gate of the college.

The campus is very particular about the health of students Medical treatment is available on the campus we also have the RRASE Clinic at the college entrance functioning 24X7.

HOSTEL FACILITIES

Boys Hostel

Girls Hostel

MESS

The College has separate hostel facility for boys and girls located in clam green pollution free Environment the rooms are spacious and fully furnished with cots, work table and shelves.

. Nutrious Vegetarian and Non-Vegetarian food

. Large open playground

. Hot and cold water facility

. RO plant for drinking water

. Wi-Fi at Hostel Buildings for Easy internet access

Transport Facility

The college has its own buses for the transport of the students and staff from the various parts of the city and Kanchipuram to college so as to enable them to reach the college in time and return comfortably this arrangements help them to maintain a punctuality and to have a safe travel. This campus is well connected to the various parts of the city and Kanchipuram by regular government bus transport system as the college is located on the state highway SH 48. Reaching the college is very easy

GRADUATION DAY 2023

PLACEMENT CELL

The college has very active placement and training unit .It always gives important to impart necessary training for acquiring the soft skill and making them employable while the campus. the Other unique feature of training program is the need analysis done among the student based on their need. They are exposed to various training programmes

Placements @rrase
The UG 2019-23 Batch Students
who got selected in Top-Notch Corporates

Our Recruiters

IBM • intel • CISCO
Infosys • tcs TATA CONSULTANCY SERVICES • DataPattern
cognizant • accenture • ZOHO
Jio • DELL • HYUNDAI
ROYAL ENFIELD • BLUE STAR • TVS

LIBRARY

stimulates the students to obtain, evaluate and recognize knowledge and to familiarize themselves with the trends of knowledge for further education and learning new disciplines.
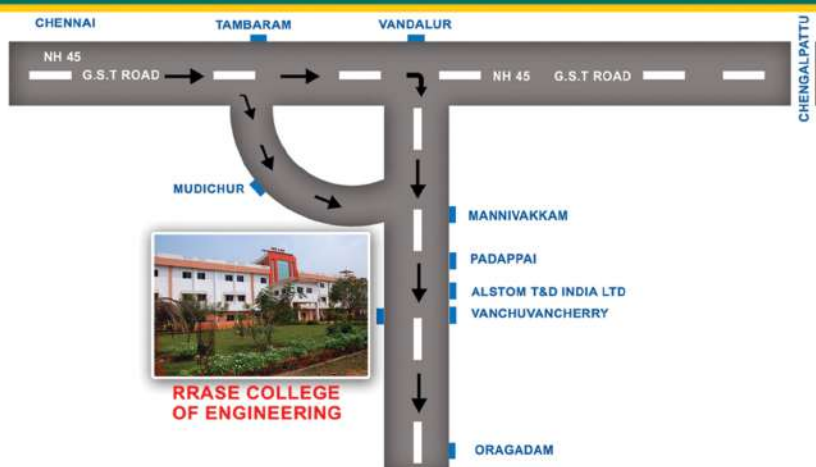
RRASE
College of Engineering

RRASE COLLEGE OF ENGINEERING

**For Admission Contact
The Corpporate Office
or College Address**

COLLEGE ROUTE MAP

CHENNAI — TAMBARAM — VANDALUR — CHENGALPATTU

NH 45
G.S.T ROAD
NH 45   G.S.T ROAD

MUDICHUR

MANNIVAKKAM
PADAPPAI
ALSTOM T&D INDIA LTD
VANCHUVANCHERRY

**RRASE COLLEGE
OF ENGINEERING**

ORAGADAM

COLLEGE ADDRESS

Tambaram-Oragadam
State Highway(SH48),
Padappai-601 301
Mobile :98412 47417,
98408 60019,
97863 34937.
044 - 27174753/54

For Enquiry

Call:
**93 63 30 40 40
93 63 60 40 40**

Designed by ganpa

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Chrompet,Chennai-600044,
Mob : 98410 29849, 94448 73156