

SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

Amaravathipudur Post, Karaikudi – 630301, Sivagangai Dt. Tamilnadu.

(Approved by AICTE – New Delhi & Affiliated to Anna University, Chennai.)

(Certified ISO 9001-2015 and recognized under section 2(f) of UGC act 1956)

Website: www.srirajaraajan.in **E – Mail:** srrcet2010@gmail.com



**TNEA
CODE
5502**

INFORMATION BROCHURE

HISTORY OF THE INSTITUTION

Sri Raaja Raajan College of Engineering and Technology was established in 2010 by Sri Muthumari Charitable and Educational Trust with a view to create an Engineering Degree Institute to fulfil the long felt public need of an Institute of Excellence in Karaikudi. The trust is located at Karaikudi. Sri Muthumari Charitable and Educational Trust is assisted by the Governing and Advisory Council in matters of Policy, Planning and Development of the Institutions. The Statue of Saraswathi, the "Goddess of learning" is a magnificent addition to the serene landscape in front of the college building, standing with stunning architecture. The building is enclosed by tranquil atmosphere, necessary to promoting discipline education and character building.

Our institutions value greatly an unaffected spirit of exploration, rationality and enterprise - appreciation of intellectual excellence and creativity.

HIGHER AUTHORITIES



PROF.S.SUBBIAH, CHAIRMAN

FORMER – ALAGAPPA UNIVERSITY VICE CHANCELLOR



DR. A. ELANGO Ph.D., FIE.,

PRINCIPAL

MOTTO

LIVE TO LEARN, LEARN TO SERVE

VISION

To function as a centre of excellence with world-class instructional and infrastructural facilities to realize the vision of producing highly disciplined, talented students to serve humanity in unparalleled style.

MISSION

To produce exceptionally competent professionals through personalized teaching and graduates who are ethically upright and educationally bright to render service of global standards.

COURSES OFFERED

UNDER GRADUATE PROGRAMME

B.E.,

- ✓ **Civil Engineering**
- ✓ **Computer science Engineering**
- ✓ **Electronics and Communication Engineering**
- ✓ **Electrical and Electronics Engineering**
- ✓ **Mechanical Engineering**

B.TECH

- ✓ **Agricultural Engineering**
- ✓ **Artificial Intelligence and Data Science.**

POST GRADUATE PROGRAMME

M.E.,

- Computer Science Engineering**
- Communication Systems**
- Manufacturing Engineering**

UNIQUE FEATURES

- Very reasonable fee structure.
- Education is supplemented and facilitated with the help of computers.
- A very good library with huge collections of books and a digital library with a collection of e-books.
- A full-fledged computer lab to keep the students in pace with contemporary advancements with online test preparation.
- Transport facility from any place in and around the institution.
- An excellent educational infrastructure with well-ventilated and well-furnished classrooms.
- Well-equipped audio-visual English language lab to improve the spoken/communicative skills of the students.

ADMISSION

- Admissions to B.E program will be conducted through the admission process as per the guidelines of Tamil Nadu Engineering Admissions (TNEA).
- Applications for admission to the all courses should be submitted through offline.
- Candidates must have passed 10+2 in the Bio-maths or computer mathematics stream for admission to 4-Year B.E.courses.
- Our institution made a remarkable outcome of around 3,000 engineers in the in-and around area.
- Applicants who hold Bachelor's degree are eligible to apply for the PG courses.
- For admission to M.E., in CSE, the Candidate has to qualify Tamil Nadu Common Entrance Test (TANCET), which will be conducted by Anna University.

ACHIEVEMENTS AND AWARDS



MR.SR.VAITHISHKUMAR (CIVIL) PARTICIPATED IN THE 5TH ROLLBALL WORLD CUP COMPETITION AND WON THE WORLD CUP IN ROLL BALL.



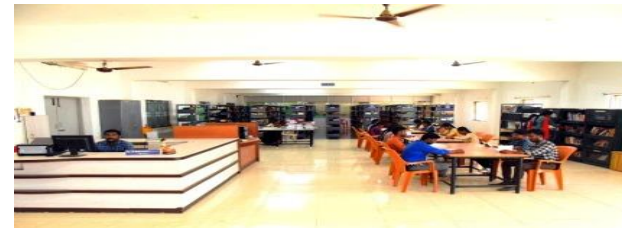
PRIZE WINNERS IN THE INTERNATIONAL CONFERENCE CONDUCTED AT SETHU BASKARA AGRICULTURAL COLLEGE.

INFRASTRUCTURE/FACILITIES



LIBRARY

- 14052 Books with Reference.
- 30 International & 75 National Journals / Periodicals.
- More than 300 CD ROMs.
- Digital Library with Online e-journals.
- Reprographic facility.



MoUs

- KANDAN PAVERS
- TECHNO CADD
- SMP IT & ITS, PUDUKKOTTAI
- AUTOMAX TECHNOLOGIES, KARAIKUDI
- ENGINEERING DRAWING SOLUTION CADD & SOFTWARE TRAINING INSTITUTE
- LAYAM GROUP, ADAYAR, CHENNAI
- MEE CADD
- VARMAA SYSTEMS, PUDUKKOTTAI
- MARZ TECHNOLOGIES
- AXIS CADD, PUDUKKOTTAI
- GREEN PLANET ENVIRONMENTAL SOLUTIONS(GPES)
- E ZONE PROJECT DEVELOPMENT & TRAINING
- SAI RAM IT LEARNING CENTRE AND ONLINE SERVICE CENTRE
- C CUBE TECHNOLOGIES, KARAIKUDI
- JK INFOTECH, KARAIKUDI
- TECHNO CADD
- MA B NDURA COACHING CENTRE
- BHARATHIDASAN UNIVERSITY
- YAGEN ROBOTICS PRIVATE LIMITED, CHENNAI
- CG POWER SYSTEMS
- JAI RAM SKILL DEVELOPMENT CENTRE
- GRID LAB SOLUTIONS, KARAIKUDI
- RISINH TECHONS PVT. LTD, BENGALURU
- EVOLUTION CAREER
- TECHNICAL TRAINING AND PROJECT CENTRE

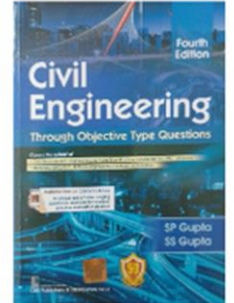
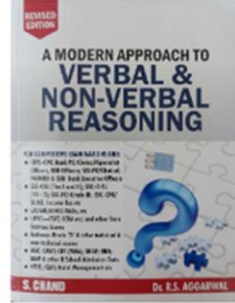
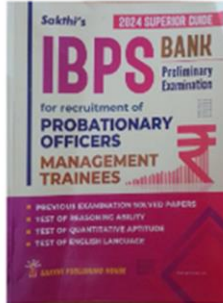
INTERNSHIP/INPLANT TRAINING

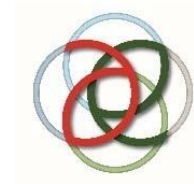
- CAREER KICKSTARTER PROGRAM
- LIFE SKILLS PROGRAM
- TNPSC TRAINING PROGRAM
- PLACEMENT SESSION ON EFFECTIVE COMMUNICATION INTERVIEW
- LATEST IT TRENDS AND PLACEMENT AWARENESS SESSION
- CAREER GUIDANCE PROGRAM
- PLACEMENT ORIENTATION AND TRAINING PROGRAM
- FOXCONN
- QSPIDERS
- DELPHI TVS
- ADHITHYA INFRASTRUCTURE PRIVATE LIMITED
- PR READYMIX PRIVATE LIMITED
- AVM LABS PRIVATE LIMITED
- MUTHOOT MICROFIN PRIVATE LIMITED
- GROVEMAN GLOBAL INDIA PRIVATE LIMITED
- VASANTHA ADVANCED SYSTEMS
- SRIMUKHA PRECISION PRODUCTS
- YAMAHA MUSIC INDIA PRIVATE LIMITED
- RIKUN MANUFACTURING PRIVATE LIMITED

STUDY CIRCLE



SRRCET
AMARAVATHIPUDUR
KARAIKUDI





Department of Civil Engineering

The Department of Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings, and railways.

LAB FACILITIES

- Surveying laboratory
- Strength of materials laboratory
- CaDD laboratory
- Soil Mechanics laboratory
- Concrete and Highway laboratory
- Environmental Engineering laboratory
- Fluid Mechanics
- Survey Camp



Department of Computer Science Engineering

The major goal of Department of Computer Science and Engineering is to produce programmers, data Scientist, Entrepreneurs competent and resourceful young engineers who can perform well in a wide variety of job profiles.

LAB FACILITIES

- ❖ Python programming laboratory
- ❖ C programming laboratory
- ❖ Object-oriented programming laboratory
- ❖ Database management system laboratory
- ❖ Operating system laboratory
- ❖ Networks laboratory
- ❖ Object-oriented analysis and design laboratory
- ❖ Internet programming laboratory
- ❖ Mobile application development laboratory
- ❖ Security laboratory
- ❖ Cloud computing laboratory



Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering is a well equipped department with adequate space, excellent Classrooms and Seminar Hall equipped with LCD projector, and state-of-the-art laboratories.

LAB FACILITIES

- ❖ Digital Signal Processing laboratory
- ❖ Embedded laboratory
- ❖ Circuit Design and Simulation laboratory
- ❖ Analog and Digital Circuits laboratory
- ❖ Communication System laboratory
- ❖ Linear Integrated Circuits laboratory
- ❖ VLSI laboratory
- ❖ Microprocessors and Microcontrollers laboratory



Department of Electrical and Electronics Engineering

Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electrical machines, electronics, and electromagnetism.

LAB FACILITIES

- ❖ Electrical Machines laboratory
- ❖ Electric Circuits laboratory
- ❖ Control and Instrumentation laboratory
- ❖ Linear and Digital Integrated Circuits laboratory
- ❖ Power System Simulations laboratory
- ❖ Power Electronics and Drives laboratory
- ❖ Engineering Practices laboratory
- ❖ Microprocessor and Microcontroller laboratory
- ❖ Electronics laboratory



Department of Mechanical Engineering

The goal of the Mechanical Engineering curriculum is to create a lenient undergraduate educational experience in design, modelling, management, engineering science, humanities and fine arts.

LAB FACILITIES

- ❖ Basic Workshop laboratory
- ❖ Manufacturing Technology laboratory
- ❖ Thermal Engineering laboratory
- ❖ Heat Transfer laboratory
- ❖ CAD/CAM laboratory
- ❖ Metrology laboratory
- ❖ Kinematics and Dynamics laboratory
- ❖ CNC laboratory
- ❖ Mechatronics laboratory
- ❖ Machine Drawing laboratory



Department of Agricultural Engineering

To train and produce an Agricultural Engineer with a wealth of knowledge in disciplines like agricultural machinery and automated machine systems, soil conservation, irrigation and drainage, crop nutrient and fertilization, post-harvest handling and value addition, farm animals and housing etc. for the efficient production and processing of food, feed, fibre and fuels.



Department of Artificial Intelligence and Data Sciences

The department of AI&DS was established in the year 2003. Currently the course has been approved with an additional intake of 60 students. Students created Object detection by Artificial Intelligence program to detect objects in the bus, train and airport. AIDS curriculum is designed to enable the students to build intelligent machines, software and application. It works with a cutting-edge combination of machine learning, deep learning, data analytics and visualization technologies.



CELLS, CENTERS AND SERVICES

CELLS

- ✓ Research and Development cell
- ✓ Training and Placement cell
- ✓ Career Guidance cell
- ✓ Entrepreneurship Development cell
- ✓ Student counseling cell
- ✓ Women empowerment cell
- ✓ Alumni cell
- ✓ Innovation cell

CENTERS

- Centre for Robotics
- Centre for Cyber Security and Cloud Computing
- Centre for Artificial Intelligence
- Centre for Electric Vehicle and Energy
- Centre for Image Processing
- Centre for IOT



SERVICES

- National Service Scheme
- Youth Red Cross
- Red Ribbon Club





JAIRAAM SKILL DEVELOPMENT CENTRE

(Run by SRI JAIRAM TRUST)

CERTIFICATE PROGRAMME

- Mobile App Development and web Design
- Mobile Servicing
- CCTV Installation & Maintenance Training
- Electrical and Plumbing
- Electrical Service and Maintenance
- Blue print or Approval Drawing
- Architectural Design
- CNC operator
- Estimation and quantity Surveying
- Two wheeler & four wheeler Servicing
- AC & Fridge Technician

SHORT TERM PROGRAMMES

- Hardware and Networking
- Electrical Auto CAD
- Carpentry and Mason Work
- Bee Keeping
- TV Service & Maintenance Training

DIPLOMA PROGRAMMES

- Cyber Security
- Artificial Intelligence and Machine Learning
- Computer Applications
- Montessori Training
- Guidance and Counselling
- Food Production and Beverages Services
- Industrial Robotics and Material Handling Systems
- Electric Vehicle Service & Maintenance
- Fish Culture Management
- Poultry Keeping
- Bharathanatyam
- Carnatic Vocal
- Fashion Technology
- GST
- Welding
- Mechanical and Electrical Plumbing Designer
- Cinematography and Video editing
- Musical Instrument

SPORTS



Mr.SA.Abikumar, won **Kelo Indian Kabadi** and he has been selected for Tamil Nadu team



MS. R.Subashree, won a National level trophy in **Hand Ball**



Mr.R.Yabesh, won a National Trophy in Kabbadi.



Mr. Sivabalan & Team won National level 16th Mini Foot Ball Championship.



GYM



CULTURALS

