

GOVERNMENT COLLEGE OF ENGINEERING

TIRUNELVELI - 627 007



WWW.GCENELLAI.COM

PLACEMENT

BROCHURE

BATCH 2007-2011

Beyond Expectations.....

Redefining Innovations.....



GCE

GCE

- Civil Engineering •
- Computer Science and Engineering •
- Electronics & Communication Engineering •
- Electrical & Electronics Engineering •
- Mechanical Engineering •

Foreword

Dr. K. Ganesan, Ph.D.,
Principal / Placement Officer,
Government College of Engineering,
Tirunelveli - 627 007.



This Govt. college of Engineering is a premier technical institution in Tirunelveli City, started in the year 1981. At present the institution is offering five full time Under Graduate Engineering courses namely Civil Engineering, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and communication Engineering, Computer Science and Engineering, and five part time courses of the same discipline. The institution also offers three Post Graduate Engineering courses, which are, Computer science and Engineering, Power Electronics and Drives and Engineering design. The college is recognized as a research centre for pursuing PhDs and M.S (By research) programme. The college is affiliated to the Anna University and it has well built Infrastructural facilities with full fledged Laboratories with modern advanced equipments. There are more than five hundred computers with full internet connectivity. About 40,000 volumes of books are available in the college library. In addition, the college subscribes to top ranking international journals and national journals like American Society of Civil Engineering, Environmental Engineering Division, ASME, journal of mechanical design, etc.,

The students are encouraged to undergo Industrial training during semester holidays to get exposed to latest trends in the technology from industries of repute.

The alumni of this eminent institution have achieved great heights in industries and technical institutions in India as well as abroad. The ultimate vision of this institution is to develop professionally superior and ethically strong technocrats with abilities to adapt into a technologically and intellectually challenging environment.

I am proud to say that leading multinational companies in both public and private sectors have been recruiting student regularly over the past years.

Mahatma Gandhi says that,

"There is everything in this world to satisfy everybody's need and nothing is here to satisfy nobody's greed".

But our institution always illuminated its totem image to this outside world as a paradox to this above indelible statement with ponderous infrastructure and conscientious faculty members. This Temple of Education has been blessing thousands of students with its increscent effort to quench their insatiable thirst for knowledge. Here our cogent students have acquired a copious skills in both technical and management field.

It is irrefutable that the presence of our intellectual Engineers in your firm will surely make your firm's presence in this competitive arena, a permanent one with efficaciousness.

[Dr. K. Ganesan, Ph.D.,]

OUR College

Government college of Engineering, Tirunelveli, a constituent college of Anna University, is one of the premier institutions in Tamil Nadu quenching the intellectual thirst of the ever learning, electric youth of our country. In its 28 years of existence, it has left no stones unturned for producing not just unassailable engineers but technopreneurs endowed with exceptional quality of acuity, attitude and ardor. The college spreads over an area of 23 hectares possesses excellent infrastructure and well trained faculty to make the students dynamic. The institute offering more than what it promises it should not be amusing to find our students academically acclimated, professionally promising and invariably innovative.



Courses

The institute offers five undergraduate and three postgraduate programmes. Our curriculum is of high standard structured by Anna University to meet the modern industrial needs.

Undergraduate COURSES

Civil Engineering
Computer Science and Engineering
Electronics and Communication Engineering
Electrical and Electronics Engineering
Mechanical Engineering

Postgraduate COURSES

Computer Science and Engineering
Engineering Design
Power Electronics and Drives

Library

The library of our college housed in a sprawling building is a plethora of information, helping the students to get their knowledge enriched.

- > Collection of over 40,000 volumes of books
- > Maintains about 75 national & international monthly journals
- > Collection of many engineering documents.
- > Each department has its own library for quick reference.
- > A general book bank and a separate book bank for SC/ST students.



Achievements

Our college for the second time has secured seventh position in the rank list of 229 colleges released by Anna University.

CLUBS IN OUR College

Students' Association

The College has a Students' association. Elected student representatives from various classes and the staff advisor nominated to the union by the principal constitute the council of representatives of the Students' Association.



Tamil Mandram

The Tamil Mandram of the colleges conducts special meetings, holds elocution and essay competitions every year. It brings out the talents of students in verse writing. In short, it serves as a driving force for the growth of the Tamil Language.

Fine Arts Association

The Fine Arts Association aims at bringing out the artistic and histrionic talents of students of students. It provides opportunities to students to develop their skills in fine arts by arranging cultural programs.

ISTE Students' Chapter

An ISTE student chapter was incepted in the year 1994. This chapter arranges lectures, seminars, computer courses and conducts quiz events inviting connoisseurs. It also arranges Personality Development Programmes, Entrepreneurship Programmes and GATE coaching classes.

Alumni Association

The aim of the Alumni Association is to conduct periodic workshops and seminars. It creates awareness in the students regarding recent trends in industry, recruitment opportunities and scope for higher studies. It also sponsors students for training programmes. It maintains a healthy network of web portal creating vistas to reach the unbounded horizon.

Science Association

The Science Association is intended for the benefit of 1 year B.E. students. The aim of this association is to promise scientific thinking among youngsters and to arrange special lectures on topics.

Literary & Debating Society

A Literary and Debating society has taken shape under the auspices of the Department of English and humanities. The objective of this society is to improve students'

- Communication and presentation skills
- Interpersonal skills
- Interview and group Discussion etiquette



CLUBS IN OUR COLLEGE

Clubs in Our College

National Service Scheme (NSS)

NSS was started with an aim of creating awareness among the student community. Blood donation camp, first aid awareness program, guest lectures on health, cleanliness are conducted periodically. Every year NSS camp is organized by the college in some rural areas for creating awareness among people.

ISTE Staff Chapter

The ISTE Staff Chapter aims at improvement of the quality of Technical Education. It functions actively throughout the year. This chapter conducts lectures, Seminars, Programmes on latest technical, general topics by inviting eminent persons. The members of faculty participate in the activities regularly.

Rotaract Club Chapter

The college has an active Rotaract Club which was installed by its' parent club Rotary Club of Tinnevely on 9th September, 2008. Since its inception, the club actively organizing several awareness programmes, Blood donation camps, etc. The club is also keenly involved in the college's placement training programmes. It is conducting numerous mock interviews with the help of its' parent club for the betterment of the college students.

Yoga Club

The YOGA was started in the year 2008. Its objective is to bring out the inherent talent of the students. The club arranges Meditation course, Asanas and personality development programs.

Red Ribbon Club

This Club was established a few years back. Every year, it conducts blood donation camp in which students of the college participate and the donated blood is provided to the Government Hospital.

Anti Corruption Club

This Club was started in our college to increase the awareness of anti corruption among the students. The ultimate aim of the club is to Activate & Motivate students corruption and build corrupt free society.

Citizen Consumer Club

To promote awareness for students on Consumer Rights. To Educate the students on the knowledge of consumption regarding Purchase, Billing, etc.,

Physics & Chemistry Department

The Department of Physics and Chemistry have well equipped laboratories with modern apparatus which forms an integral part of the first year curriculum. Some of the paraphernalia in these laboratories are:

- Photo Calorimeter
- Deflection Magnetometer
- Muffle Furnace
- Ultrasonic Interferometer
- Mechanical Shaker
- Spectrophotometer



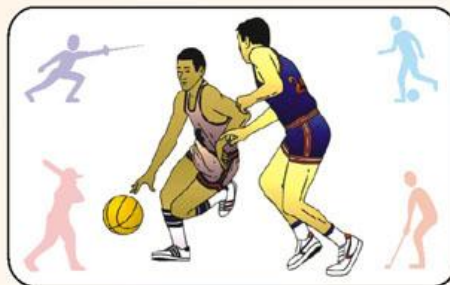
Campus Amenities



The College has excellent hostel facilities to give its students a comfortable and memorable stay. There are four gents hostel and two ladies hostel providing accommodation to over 500 boys and 200 girls. All the hostels are spacious and are commissioned with modern facilities including 24 hours internet connectivity, to provide conducive environment for learning.

Sports Achievements (2007-2011)

The College believes in promoting excellence in sports and providing organized relaxation and entertainment. It has a Football field, a Hockeyground and a Basketball court. Its indoor stadium endowed with two Badminton court, two Table Tennis board, and carom with indoor lighting facility. A central gymnasium with sophisticated fitness equipments enables the students to work out and maintain a healthy physic.



YEAR 2007 - 2008

- Hockey - Gold ●
- Football - Silver ●
- Ball Badminton - Bronze ●
- Chess - Bronze ●

YEAR 2008 - 2009

- Hockey - Gold ●
- Football - Silver ●
- Table Tennis - Bronze ●

YEAR 2009 - 2010

- Hockey - Gold ●
- Fencin - Gold ●
- Football - Silver ●
- Kabadi - Silver ●
- Cricket - Bronze ●
- Shuttle (Girls) - Bronze ●

CIVIL Engineering

Builders of Wonders



Features

- Established in 1981 the department has been producing dare and dynamic professionals.
- Guidance given in all distinct areas to the blooming technocrats
- Sophisticated equipments with latest technology
- NBA accreditation for three years

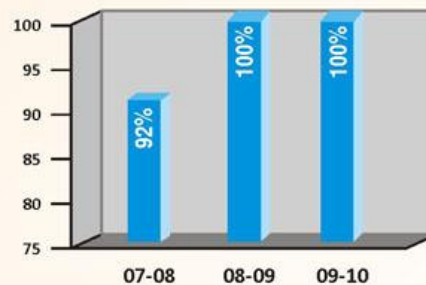
Achievements

- GPS Project to locate testing pad fro semicryogenic engine at LIQUID PROPELLATION CENTER (ISRO) Mahendragiri
- Site suitability analysis using GPS & GIS.
- One of the student is a **GOLD Medalist** in the Anna university examinations, 2008.
- Overall Champion in "PSG Colossuz 2009" a National Level Technical Symposium.
- Gate score - High score of 97.25% in the year 2006
- Projects - the project "**Steel design of light rail transit structures**" entered the final round in the National Student Award Competition, 2003
- one of our student participated in the summer camp at IIT Kanpur

Beyond Criteria

- National level technical Symposium - CIVILORIA.
- Industrial visits
- Personality development programs
- Gate preparation
- Weekly seminar
- Inplant training
- Guest lectures
- Entrepreneurship programs
- Aptitude tests
- Group discussions
- Quiz competitions
- Placement training

Placement Chart



Laboratory Facilities

Strength Of Materials Laboratory

- Universal Testing Machine
- Compression Testing Machine
- Spring Testing Machine
- Hardness Testing Machine
- Vibration Analysis equipment
- Diffused Light Research Polariscopes
- Tensometer
- Torsion and Impact Testing Machine



Hydraulics Laboratory

- Flow measuring devices
- Centrifugal pump, Submersible pump
- Gear Oil pump, reciprocating pump
- Pelton wheel Turbine
- Francis Turbine

Concrete & Highway Laboratory

- Concrete rebound hammer, Digital ultrasonic Concrete tester
- Equipment to determine the properties of fresh and hardened concrete
- Equipments to determine the properties of aggregate and Bitumen
- Pavement blocks casting equipment
- Mixture machine and Needle vibrators
- Los Angeles abrasion testing machine
- Attrition testing machine
- Permeability Apparatus.



Computer Laboratory

- GIS Geo media Professional
- STAAD.Pro
- Auto CADD, Archi CAD
- Post processing software for Total station & GPS
- C,C++,Java,VB,LVDT
- AutoDesk Civil 3D

Surveying Laboratory

- Total Station
- DGPS
- Electronic distance measurement meter
- One second Theodolite
- Dummy, Tilting, Automatic & Quick Setting levels



Other Laboratory

- Soil Mechanics Laboratory
- Geology Laboratory
- Environmental Engineering Laboratory
- Consultancy And Testing Services

Consultancy and testing Services

Undertaken for Koodankulam Nuclear Power Project, TWAD Board, PWD, TNEB, BSNL, SPIC, NBCC, TNHB, LIC, TNPSC, Southern Railways, Central PWD, Rural work department and Private sectors

Nature of Consultancy

Geo-Technical Engineering

- Test on soil parameters
- Field test for SBC & CBR values
- Design of sub structure & detailing

Environmental Engineering

- Water Quality analysis
- BOD & COD tests

Strength of materials laboratory

- Testing of building materials, Cement concrete, Steel, Timber, Bitumen etc
- Mix Design for various concrete grades

Structural Engineering

- Analysis Design & Detailing for major Civil Structures

Computer Science & Engineering

Soft Sovereign

The department motto is to cater to the needs of the untiring brains aspiring to become "techno wizards" of the future technological society. Established in the year 1989, it has been thriving to mold its students to be pioneers in the field and put them on their mettle. Now with pride, the department can boast that the zealots who are trained here are geared up to compete with the updated fastest processor.



Overview of the Department

- Accredited by the NBA since 2007.
- Comfortably furnished and well equipped laboratories (details below).
- Systems with the latest recommended processors.
- Eminent faculties experienced in their areas of specialization.
- 'Silicon Masters' are engaged in various innovative projects.
- M.E. degree courses since 1994-95 at par with international standards.
- Library endowed with innumerable collection of books, CDs and journals for reference. An evident corporate - student interaction.
- Department website address -<http://www.gcetlycse.com>

Achievements

- Seven of our students (2007-2011) have done a project for the "Directorate of Technical Education".
- One of our student have scored **98%** in **MAT**
- For last three years above 80% Students were placed in various companies.
- Most students hold authorized certifications from renowned firms (Eg: SCJP...) for employment requirements.
- VISION, a National Level Technical Conference is organized annually.
- INFOSTREAM, a National Level Technical Symposium is organized periodically
- INFOQUEST, an Intra Department Communion is conducted to cope up with day to day developments.
- Coaching classes for soft skills, competitive exams and technical support are conducted.
- Workshops on Career focus are held by leading IT firms.
- Our department has a facility of **CAMPUS AREA NETWORKING**.

Technical Out Look Compiler Design & DBMS Lab

- 8 XEON-Dual Processor Server
- 175 P IV Powered Systems
- 80 nodes with P IV(@ 3.0 GHz)
- A projector with an interactive board
- A line matrix printer



SOFTWARES USED: C, C++, Visual studio, Java, Oracle IOg, Redhat Linux server 1.1,PL/C,YACC

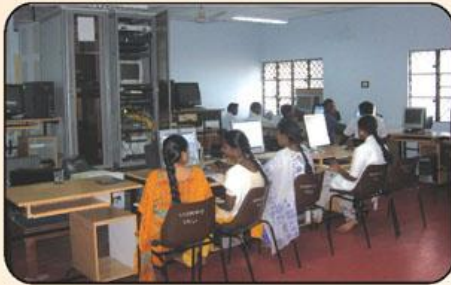
Multimedia & Graphics, Case Tools Lab

- XEON - Dual Processor Server
- 80 nodes with P IV(@ 3.0 GHz)
- Clementing Datamining work bench
- SCO-Open server with 20 nodes
- A projector with an interactive board
- Rational suite

SOFTWARES USED: Adobe Photoshop 7.0, 3D studio MAX, Macromedia products, C,C++, Surish, Parser, lex, WATF IV, PL/C, Rational rose, win runner, load runner, Visual Paradigm



Networking, Web Technology, Internet Lab



- Server with 30 nodes&systems(PIV)
- Novell Netware 4.12 with TCP/IP protocol
- 2 ISDN connection(512 Kbps)
- An image processing trainer system
- 2 Mbps leased line campus wide network with core switch (14 nos)
- Edge switch (23 nos),IP PBX for IP telephony laptops(2),notebooks(2).
- Wireless Bridge(2 nos), Wireless Access points(7 Nos).
- Wireless IP Phone(8 Nos)

SOFTWARES: JSP, .NET, Scripting languages, Perl, PHP, Python

OS, System Software, Data Structures, Visual Programming, OOP Lab

- 80 P III powered systems all running Wnd XP/2000
- Two servers: A XEON HCL Server running Linux
- XEON Server running Wnd 2003 with 80 nodes
- Dot Matrix printer ,Line Matrix printer

SOFTWARES USED: C, C++, Visual Studio, Java



Microprocessor And Microcontroller Lab

- Genius 80386 based logic analyser, PROM Programmer, Wipro IC probe
- Stepper motor, Printer controller, 8085-86 based Assembler, Add on cards such as RTD, ADC, DAC, 8279, 8255 etc and 8051, 80196 microcontrollers



Video Conferencing Facility



- Video Conferencing System with 2.42" plasma Display Systems (2 nos)
- Five Compaq PCs with ISDN connectivity using DLINK modems (with 3 ports 10/100 switches). Four lines of each 128 Kbps on the whole

Curriculum

- Programming languages like C,C++,java
- Data structures
- Operating Systems
- System Software
- Network programming
- Software Engineering
- Computer graphics& Multimedia
- Theory of Computation
- Compiler Design
- Microprocessor & controller
- Computer Architecture
- DBMS
- VC++
- Artificial Intelligence
- Data Mining and Data Warehousing
- Internet Programming and tools
- Network security
- Mobile computing
- Distributed Computing
- Advanced database concepts
- Digital Image Processing
- Operating Systems
- Web Technology

Electronics & Communication Engineering

Genext Connectors



Our department has been an embodiment of academic excellence, molding imperturbable, bodacious individuals; vivacious technocrats who have been creating ripples in national as well as international techno arenas since the inception of the college in the year 1981

Special Attributes

- Experienced and dexterous faculties
- NBA Accreditation for three years
- Sophisticated laboratories
- National level Conference
- Inter College Symposium - EZYNE
- Intra college symposium - INTEGRITY
- Department magazine - CAMPBUZZ
- Career based workshops and Industrial Visit
- High Speed Internet facility
- Our ECE association is instrumental in revealing the hidden potentials of the Elite ECEians
- Guest lectures by Eminent personalities on recent trends
- DEPARTMENT LIBRARY- Our department library accommodates more than 1022 books on various technical fields, scientific magazines, IEEE journals. Group Discussions and Personality Development Programmes
- Dept. Website/Blog address-<http://www.gcetyece.blog.com>

Highlights In Curricula

- Electronic devices and circuits
- Integrated circuits & VLSI Design
- Satellite & Mobile Communication
- Digital Signal Processing
- Microprocessor & Microcontrollers
- Computer Architecture
- Analog and Digital Communication
- Wave Propagation & Antenna Theory
- Television & video Engineering
- MATLAB, MultiSim
- Computer Networks
- Microwave & Fiber optics
- C, C++, Data Structures

Accomplishments

- Till now (Jan 2010) 75% of Students are placed in 2009-2010
- 15 out of 25 Technical Papers had won National Level Prizes
- More than 25 of our Students secured distinction in last year
- Our Students have participated in workshops conducted by **Texas Instruments, Siemens & Cisco.**
- Our Students have participated and have won prizes in paper presentation conducted at **BITS (Rajasthan), JNTU (Andrapradesh)** and other reputed colleges inside & outside Tamilnadu.

Projects

- Microwave Integrated CAD software
- Speech Scrambling
- Low cost cellular phone Receiver
- Interactive Voice Resolution System
- Design & Implementation of
- SDRAM Emulator
- GPS simulation using MATLAB

LAB FEATURES

EDC Lab Analog & Digital IC Lab, Electronic System Design Lab

- 4 Channel 100 MHz CRO
- Digital storage and Dual trace Oscilloscopes
- Universal VLSI development
- Op-amp trainer kits
- Digital & Analog IC trainer kits
- Gould K115-logic analyzer
- Switched Mode & Linear Mode Power Supplies



DSP & DIP LAB



- TMS320C50, TMS320C5416, TMS320C33 Trainer and development systems
- ADSP 2181 based star kit and Development system
- Assembler and debugger software tools
- MATLAB- Signal Processing Toolkit
- Ultra high speed server featuring Latest XEON - core processor

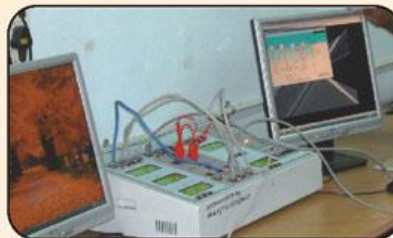
Communication Lab & Communication System Designs Lab

- AM, FM Trainers
- Wireless Modem kit PCM, PPM, PDM, PAM kits
- ASK, FSK, PSK trainers
- TDM, FDM Modules



Internet & Networking Lab

- A Server with 30 nodes
- Novell Netware 4.12 with TCP/IP protocol
- 2 ISDN connection(512 Kbps)
- 2 Mbps leased line campus wide network with core switch(14 no.s), Edge switch (23 nos), IP PBX for IP telephony
- Networking Trainer kits with NetSim Software.



VLSI & COBRA LAB



- FPGA Development kits & CPCD boards
- Model sims & Leonardo spectrum software
- Place & Route softwares
- Universal FPGA development station

Microprocessor & Microcontroller Lab

- 8031, 8051 Microcontrollers
- 8085, 8086, Z80 Microprocessor Kits
- 8259, 8251, 8255 Modules
- Traffic Light Controller modules



Microwave And Optical Communication Lab



- Microwave Benches
- Crystal Frequency Dividers
- Digital Communication Trainers PCC-005
- Antenna Trainer System
- Microwave Signal Analyzers

Software Packages

Platforms: Windows XP, Linux OS

Other Packages: Turbo C++, Visual Studio 6.0, Java, Oracle, Net Framework, PCB designing software, Multisim 9, Multi MCU 9, Simplify Pro, Active HDL-VHDL or Verilog simulator, ULTI board 9, NETSIM, MATLAB.

Thus we are a part of an institution which has a tradition of glory & Success... We are the launching pad to the sky of Success...

Electrical & Electronics Engineering

- An Embodiment of Endeavoring Engineers

This Electrical territory being annexed to the GCE province in 1986, has stimulated to reach its zenith of glory, with the prudence and long range vision of Elite board of staff, prominently Enriching the technical society by filliping Eclat on professionals.



Achievements

Milestones covered by our trend setters

Academic accomplishments:

- Our alumni have secured second rank out of 6971 aspirants in Anna University exams on April 2006.
- For last three years above **80% Students** were placed in various companies.
- Nearly 34 students have been selected through GATE to undergo PG in IITs.
- Hatrick University ranks in PG curriculum.

Our Aesthetic Attributes

- AVALANCHE- an auspicious occasion to implore and seek from our professional counterparts
- World bank fund channelized through 'TEQIP' has proliferated our grades
- Student computer ratio 1:1
- NACPED- another Enthralling collision PG technocrats, exploring Enigmatic concepts.
- A prestigious society named SEEE takes in charge of department activities
- Surfing access at 2 Mbps

Active Work Stations

Trendy gadgets to train the 'Nimble Minds'.

Electrical Lab:

- 10 KVA IR Tester
- Power and Harmonic Analyzer
- Advanced Risk Machine(ARM)

Embedded Dsp Controller For Special Machines:

- DSP 2407 based BLDC
- DSP 2812 based PMSM
- DSPIC based switched reluctance motor



AC & DC Machines Lab

- Single and Three phase Induction motors
- Three phase synchronous motors
- Inverter for 3.7kw AC motor
- Three phase slip ring induction Motor
- Induction Motor & DC generator coupled set



Microprocessor Lab



- DSO 500 MHz, 200MHz power scopes
- 8085 & 8086 Micro processor
- 8051 & 8096 Micro controller
- Embedded application development system for 8051 & PLC 16F78
- Multi lab Work Station

Control System Lab

- Switched reluctance Motor
- Synchros and magnetic amplifier
- Stepper motor
- PLC kit
- Servo motor



Soft wares



- CASPOC & PSIM (power electronics)
- MAGNET (Machine design)
- PSCAD & ETAP (Power system)
- Matlab R14 version 7.0 2007

Curricula

Core Electrical

- Network analysis and synthesis
- Electric circuit analysis
- Solid state drives

Computers

- Digital systems
- Object oriented programming
- Data structures

Electronics

- Integrated circuits & VLSI
- Digital signal processing
- Communication engineering

Power System

- Power system analysis
- Transmission and Distribution
- Protection & switch gear

Faculty & Student Empowering Programmes

- Video conferencing system, congregating remote ideas
- Studious board of staffs undergoing frequent update through Faculty Development programmes
- Organizing gate classes to excavate the concepts deeply in our relevant subjects
- Fabricating recruiable candidates ushering with aptitude tests, Quizzes, and debates

Journal Editions To Nurture Our Skills

National

- IEEE- Trans on
- Industrial Electronics
- Energy Conservasion
- Power Electronics

International

- Voice of Data, Electro-Electronics
- Journal of Solar Energy
- Electrical India, Living Digital

Glimpse through entrepreneur programmes

- Sprinkling awareness on "Electrical Safety" to unorganized society.
- Spreading knowledge on "Troubleshooting in Electrical Machines & Home appliances".
- Promoting "Continuing Education Programs" Scholars and engineers to update technical skills.

Masterpieces of our Innovators

- Energy monitoring using GSM, PC based Automated substation.
- PLC based simulation and implementation of control for H.T and LT equipments.

Mechanical Engineering

Invincible Ingots



The department has been functioning since the inception of the college in the year 1981 and it takes pride of its eminent staff and exclusive infrastructure for learning. This department assiduously imparts training and know-how in all fields related to Mechanical Engineering.

As one of the oldest and active departments, it is possessed with sophisticated teaching and laboratories facilities.

Features

- The department has been functioning since the inception of the college in the year 1981 and it takes pride of its erudite staff and exclusive infrastructure for learning.
- As one of the oldest, largest and active department, it is processed with sophisticated teaching and laboratory facilities.
- Our department is accredited by NBA
- It offers B.E. (Mechanical Engineering) and M.E. (Engineering Design).

Achievement

- Our students have hit the pinnacle by implementing their innovative & out of the box thinking in mega project, a **2KW WIND TURBINE** of worth **Rs.5 lakh** with capacity of saving **Rs.15,000**per year in electricity expenditure.
- The leading News channels like **SUN TV, SUN NEWS, NDTV** had broadcasted our students innovative project **E-BIKE**.
- Till now (Jan 2010) 30 Students are placed in 2009-2010

Academic Excellence

- During the year 1996-97, a student of our branch secured **ALL INDIA THIRD** rank on GATE'97
- One of our student secured **97.62%** in GATE'04
- One of our product is practicing as a young scientist in **ISRO**.
- Our students have consistently secured **TOP 10** positions in **ANNA UNIVERSITY** ranking.
- About 61 students have been selected through **GATE** for **PG** in various **IITs**.
- About **95%** of our students undergone **inplant training** in industries like Hyundai, Ashok Leyland, TVS, NLC, CIFNET, etc.

LAB Infrastructures

Update the recent innovations makes a well furnished engineers. We have a wide range of instruments in our laboratories which help us to gain a thorough knowledge in the field of mechanical engineering.

- CAAD LAB
- CAM LAB
- MECHATRONICS LAB
- GENERAL MACHINES SHOP
- IC ENGINES LAB
- AUTOMOBILES LAB
- THERMAL ENGINEERING LAB
- MEASUREMENTS AND METROLOGY LAB
- DYNAMICS LAB
- FOUNDRY AND SMITHY LAB
- SHEET METALS AND CARPENTRY SHOP
- STEAM LAB



Advanced Software Tools



- ANSYS CTXII
- MSCNASTRAN-FEA Package
- LATIAVS, MASTER CAM
- SOLID EGDE V19
- COSMOS / M2.5 Reliability Software
- ANSYS multiphysics V15
- PRO-E

Advanced Special Equipment

Along with basic facilities, the department provides hands on experience to the students on cutting edge equipments like

- Dynamic Balancing Machines
- ARISTO'6A pick & place robot
- Boiler of 220 psi, fire tube type
- Rapid Proto Type (FDM) Machine
- Industrial type CNC Mill
- Vibration Analyser



Co-Curricular Activities

- Annual national level technical symposium "METIQUEST".
- Annual national level technical conference "EDQUEST".
- **Many Technical papers** have been presented by our students and secured many prizes.
- **Seminars** on innovative creations by eminent personalities.
- Faculty Development Programmes, Student Development Programmes, Tribal Development Programmes are conducted.
- **Industrial tours** and **Local Visits** are arranged in every semester.
- An Intra - department technical symposium is "INTRAQUEST" is conducted every year.



Mechanical Association

Apart from conducting "METIQUEST" and "EDQUEST", The Association prepares the students to face the modern competitive world by

- GATE coaching
- Arranging guest lectures
- Career planning
- Improving communication skills
- Arranging mock interviews



List of Companies Visiting Our College

IT Companies

- TATA CONSULTANCY SERVICES
- INFOSYS TECHNOLOGIES LTD.
- ARICENT
- I-GATE GLOBAL SOLUTIONS
- VIRTUSA CORPORATION INDIA PVT.LTD.
- WIPRO TECHNOLOGIES
- COGNIZANT TECHNOLOGY SOLUTIONS
- L&T INFOTECH INDIA LTD.
- SATYAM COMPUTER SERVICES LTD.
- INAUTIX TECHNOLOGIES
- HCL TECHNOLOGIES LTD.
- HCL INFOSYSTEM LTD.
- I-FLEX SOLUTIONS LTD.
- ADVENTENT PVT LTD
- SASKEN
- ADVENTNET INC
- JATAAYES SOFTWARE (P) LTD.
- GDA TECHNOLOGIES INC
- POLARIS SOFTWARE LAB LTD.
- RAMCO SYSTEMS LTD.
- KEANE
- ITC INFOTECH INDIA LTD.
- KANBAY SOFTWARE (INDIA) PVT.LTD.
- TORRY HARRIS BUSINESS SOLUTION
- SONATA SOFTWARE
- ACME TECHNOLOGIES
- AIG SOLUTIONS
- DEXURITY
- TATA ELXSI LTD.
- SUTHERLAND

List of Companies Visiting Our College

Non IT Companies

- VEDANTA GROUPS
- COSMIC CIRCUITS
- ABB PVT LTD.
- JASMIN INFOTECH
- BENCHMARK BROADCASTING SYSTEMS
- COROMANDAL ENGINEERING LTD.
- APNA TECH
- AMARA RAJA PVT LTD.
- ENERGY INFRA TECH
- TECHNIP INDIA LTD.
- ROBERT BOSCH INDIA LTD.
- BRAKES INDIA LTD.
- SAINT GOBAIN GLASS INDIA LTD.
- CAPARO
- SUZLON ENERGY LTD.
- MANDO BRAKE SYSTEMS INDIA LTD.
- FL SMIDTH LTD.
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Our Mission



Our Mission is to develop professionally superior and ethically strong technocrats with an ability to adapt into an intellectually and technologically challenging environment.

Our Vision



Our Vision is to utilize the existing infrastructure facilities to make this institution a centre of learning, research, eminence and excellence.

Location of Our College



HR TALKS

"Government College of Engineering, Tirunelveli was visited for Campus Recruitment by TCS for the first time in the year 2007. The college apart from being just a potential pool also produced quality students who are commendable in not just their subjects or academics but also have an inherent desire to learn and grow. One remarkable thing about the students of this college is that they exhibit teamwork in almost all aspects of work, overall possessing the important ingredient to success an excellent attitude".

Mr.D.Dinesh
Head - Talent Acquisition (Tamilnadu)
Tata Consultancy Services

Dr. K. GANESAN, Ph.D.,
PLACEMENT OFFICER
GOVERNMENT COLLEGE OF ENGINEERING
TIRUNELVELI, TAMILNADU

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