

# ARUNAI

## ENGINEERING COLLEGE



PLACEMENT BROCHURE

*"We should aim one step ahead by  
planning to produce our products from  
Customer satisfaction to Customer delight."*



I am happy to note that we are coming up with a separate Brochure for Placement and thus giving more impetus to this function. There is so much being written about India emerging as a knowledge economy. However little attention is paid as to whether the Indian higher education system can meet the challenges without broader support for research. This can only be achieved by emulating the culture of USA, where both industry and alumni, support higher educational Institutions. Institutions of higher learning in India, have not learnt the art of how to seek help and how to build a long sustained relationships with industry and alumni.

It is my sincere hope and expectation that besides concentrating on placements, we should also channel our energy towards building up a meaningful and everlasting relationship between all sectors of Industry and our alumni by constantly interacting with them. This exercise will not only help us in achieving the above said goals but also help us to build our infrastructures, both faculty and facilities. We should aim one step ahead by planning to produce our products from Customer satisfaction to Customer delight.

At this juncture, I will like to remind you that we should always concentrate on our acronym (AEC) which stands for

A for Attitudinal Change of our Students

E for Education par Excellence with special attention on application side and

C for Character Building.

This will help us to produce not only Quality Engineers but also Good Citizens.

I take this opportunity to wish you all the best.

*V. Jeeva*  
Mrs. Jeeva Velu  
Chairperson

## THE HOLY TOWN



Tiruvannamalai is a holy place where people worship Lord Shiva in the form of FIRE. It is located around Arunachala Hill, the mountain of light, believed to be the physical embodiment of the great Dakshinamurthy. There is an antiquity of deep mysticism that people attain Mukthi (self - realization) by merely thinking of this town. There are a galaxy of temples and ashrams, and 400 lingams in the eight mile circumvent of this sacred hill. Around the hill, there are many hermitages inhabited by holy personages of supreme eminence. Like how the birds are attached to the trees which have fruits, many saints are attracted by Annamalai.

Ramana Maharishi is a unique saint who is appropriate for the 21th century. Unlike the traditional Hindu saints, Ramana is oriented in "Who Am I?" teaching. He attained Nirvana and showed the way "self-enquiry for self realization".

The holy place also attracts sizable foreigners all through the year from places like USA, UK, France, Germany and many more. The historical places and picnic spots around the town add luster to the pilgrim centre. The people at Tiruvannamalai have a well-deserved reputation for friendliness and hospitality, so it's easy to feel at home here. In a nut shell, visiting Tiruvannamalai is a spiritual journey and not a destination.

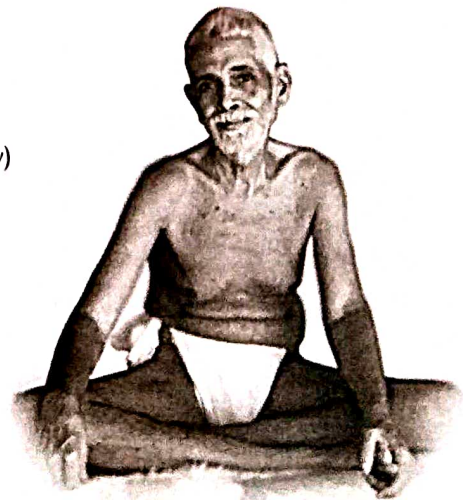
### AEC -A SUCCESS STORY

Arunai Engineering College (AEC), a Co-Educational institution in Tiruvannamalai is spread out on serene sylvan settings on the southern side of the famous Arunachaleswara temple. It is just 5 Kms down from the main town on the Chittoor - Cuddalore national highway. The prestigious Engineering College covers a vast area of 110 acres of land, with built in area of 75000 Sq.m. AEC is a silent performer par excellence, has the state-of-the-art infrastructure and modern facilities. The well qualified and dedicated faculty moulds the students into Quality Engineers, such that when they step out of the institution at the end of their courses, they are well equipped and ready to meet the challenges of the prevailing competitive environment.

The courses offered by AEC are recognized by AICTE, New Delhi and is affiliated to Anna University, Chennai, a reputed technical university in this part of the world. For detailed Curriculum and Syllabi refer [www.annauniv.edu](http://www.annauniv.edu).

### AEC PROVIDES

- Conducive environment for studies
- Spiritual aroma, amidst serene surroundings
- Modern computing facilities - Arunai Gate way (IT Park - Central facility)
- Air Conditioned, Modern Library with Digital Library facilities
- A/C Auditorium
- A/C Virtual Auditorium
- Department wise computing facilities with OFC Network
- High - Tech classrooms,
- Modern laboratories with state - of - the art equipments



## CENTRAL FACILITIES

### CENTRAL COMPUTING FACILITIES

- Client Systems - 600
- Server - 09
- Internet connectivity capacity  
- 2Mbps leased line from BSNL
- Power back up : 30 KVA - 4 nos
- Average number of users/ day - 800
- Licensed software
- Printers : ➤ Dot Matrix Printers : 40  
➤ Inkjet printers : 18 ➤ Laser Printers : 16

### INTERNET BROWSING FACILITY

- Free Internet facility for all staff & students
- Internet facility for all Administrative  
Heads and Heads of Departments

Capacity	BSNL 2 Mbps Leased line
Internet (Systems)	400
Week Days	8.30 am - 9.00 pm
Holidays	9.00 am-4.30 pm



## CENTRAL LIBRARY

- Total Number of Books in the Library Titles : 11,43 Volumes : 32,808
- Built up area 1260 sq. m. Fully Air Conditioned
- LAN/WAN
- Book Bank :1076 Volumes
- Automated Services
- Seating Capacity :200
- Average User/Day : 591
- Member of MALIBNET, DELNET, IEEE, ASME, ISTE, AIRC & IEI
- Reprographic Facility
- Internet Connectivity - 2Mbps
- Educational Multimedia Packages
- Bar Code
- Digital Library
- Book issued/Day : 310

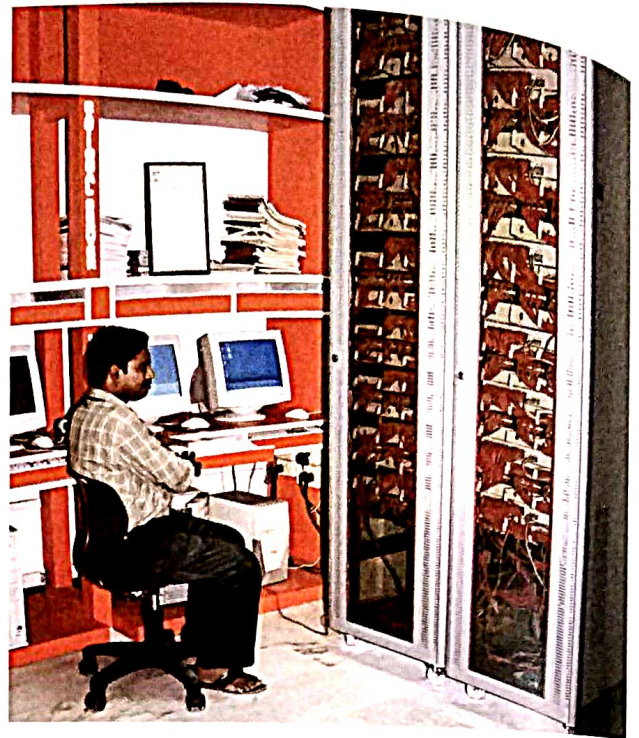
## JOURNALS AND MAGAZINES:

Description	National	International
Journals	34	68
Magazines	92	22
Week Days	8.00 am - 10.00 pm	
Holidays	9.00 am - 4.30 pm	



## Licensed Software

- Red Hat Linux 9.0 Professional Edition
- SCO Unix Server and Tools with 25 users plus media kit
- Microsoft SQL server 6.0 with client Tools (School Campus Agreement)
- Novel Netware 5.1 Server and Client Tools with 25 users
- Microsoft Windows 2000 Server with School Campus Agreement
- Microsoft Windows 2000 Professional Edition
- Microsoft Office 2000
- Microsoft Visual Studio 6.0
- Sun JAVA JDSK 1,3 & 1,4,1 & J2ee
- Programming languages Turbo C, C++, BorlandC, Fortran 77, MSCOBOL, PASCAL
- Rational Rose CASE Tools Suite
- Nokia WAP Server
- Oracle 9i Server and development Tools with 25 users + Media Kit
- Microsoft Back Office Server 4.5
- Borland Turbo C++ Suite
- Symantec Norton Antivirus Corporate Edition
- Windows NT Server 4.0
- Windows NT Workstation
- Windows NT Option Pack
- Windows NT
- Windows 95
- Windows NT Website Resource Library
- Windows 98



## DEPT Special Equipments

ME	XL MILL, XL TURN, ARISTO ROBOT
EEE	8085 microprocessor kits, DMI controller, PID Controller, opto couple characteristic test kit, micro controller trainer kit
ECE	Spectrum analyzer, microwave work bench, TMS320 VC 54XX Trainer kit, 2 Mega herds plastic fiber Analog Link with LED PD LD APD modules with digital receiver of 5 nmps
CS	Server - 7, UPS-4, Modem - 1, Fibrebox - 1, Laptop - 1, PIV systems
EIE	P/I converter, I/P converter, Temperature process station, Pressure process station, Flow process station, Level process station, Control Valve trainer
IT	Cisco Router 1700, 2 Mbps leased line Internet Connecting Components, Campus area network components
CH	Roll Crusher, UV spectro photometer, RDC Extractor, Vacuum Dryer, Plate & Frame Filter Press
IBT	Fermenter, Fluroscent Microscope, ELISA Reader, UV transilluminater Nephelometers, Spectrophotometers





## DEPARTMENT OF MECHANICAL ENGINEERING



## ADD ON COURSES

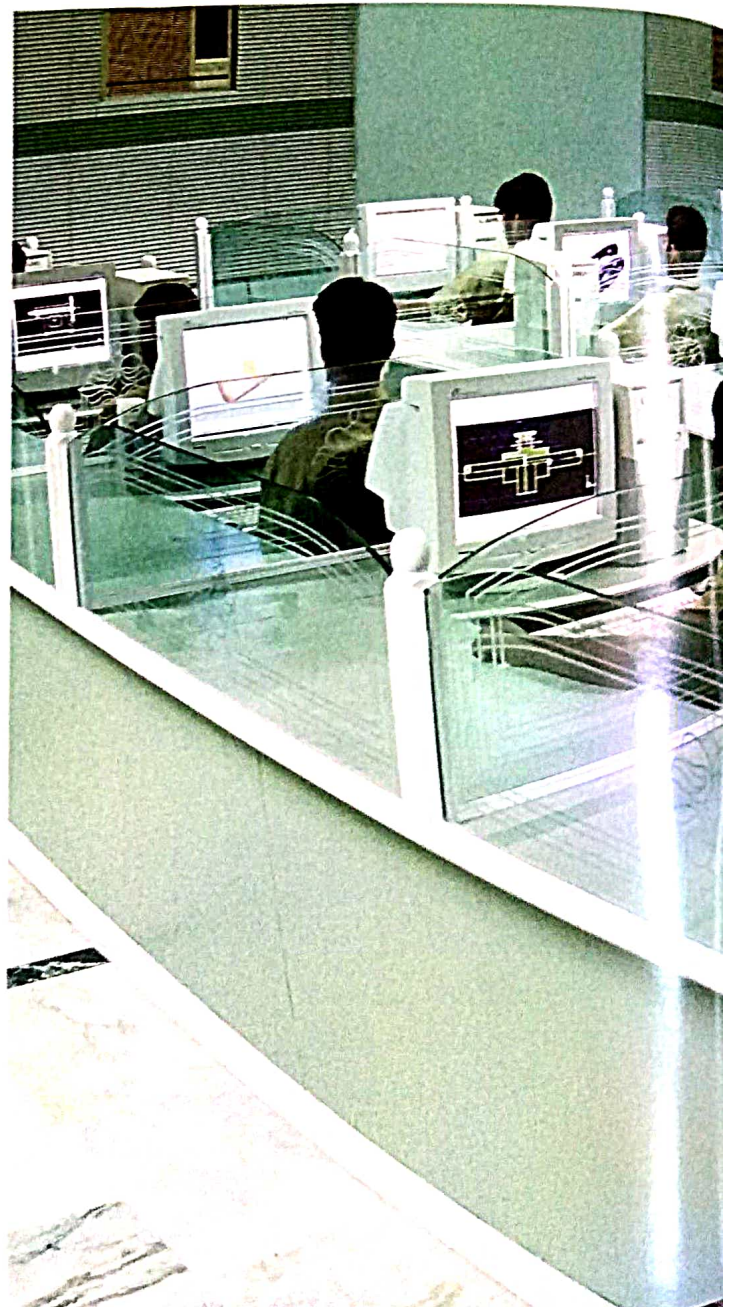
- Six Sigma Implementation
- Design of Experiments
- Finite Element Analysis using ANSYS
- Pro-E WF2 - Part Modeling
- Computational Fluid Dynamics
- Mechatronics
- CNC programming

## OBJECTIVE

"To Train the students in the modern and competitive manufacturing process "

## FOREWORD

Keeping in view of the rapid changes that are taking place in the industrial scenario, the Department of Mechanical Engineering offers a blend of courses aiming at developing the students in the frontier areas of Technology and Management. Besides, the department has special courses which include Product development, Product testing, TQM, TPM, TOC, Six Sigma implementation and Reliability Engineering. The department is actively involved in research in the areas of Composite Materials, Automobile Engineering, Renewable Energy, Alternate Design methods and Six Sigma implementation etc. The Department offers Under Graduate programme in Mechanical Engineering and Post Graduate programme in CAD/CAM. The Department is equipped with the latest advanced machine tools and testing equipment, all mechanical related software for Drafting, Modeling, Design, Analysis package and Qualitek-4 for quality engineering projects.



**PROJECTS ON THE ANVIL**

AICTE sponsored TAPTEC project "Dynamic and Thermal Characterization of Aluminum and Silicon Carbide particulate Composites".

"Solar refrigeration and characterization of various refrigerant absorbent properties"

"Alternate fuel for the automobiles and hybrid system"

**CORE COURSES**

- Design of Machine components
- Metallurgy and Material sciences
- Manufacturing Technology and Management
- Industrial Engineering & Engineering Economics
- Thermal Engineering, Heat and Mass Transfer
- Fluid Mechanics and Machinery
- Electrical/Electronics & control Engg
- Microprocessors and Applications





### LABORATORY FACILITIES

- Production Process Lab (Manufacturing Lab)
- CAD/CAM lab
- Thermal Engineering Lab
  - Heat Transfer Lab
  - Automobile Lab
  - Refrigeration and Air Conditioning
  - Steam Lab
- Metallurgy Lab
- Metrology, Measurements and Dynamics Lab
- Fluid Mechanics and Machinery Lab
- Materials Testing lab
- Welding, Foundry
- Fitting and Carpentry Lab

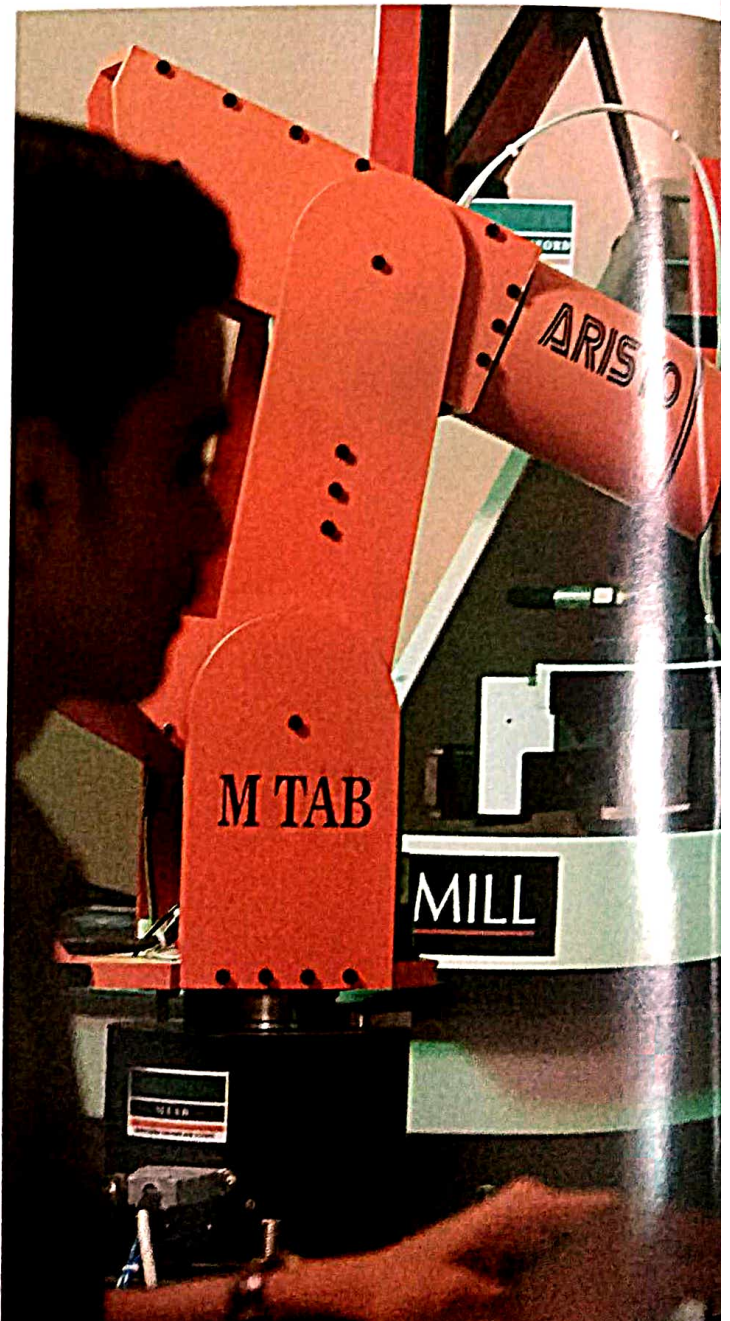
### ELECTIVES

- Plant Layout and Material Handling
- Production Planning and Control
- Modern manufacturing Systems
- Internal Combustion Engg
- Newer Machining Processes
- Unconventional and Renewable Energy sources

### PROJECT WORK

The dynamic mechanical students are asked to carry out their project in the following fields

- Computer Aided Process Planning (CAPP)
- Production Planning and Cost Estimation



- Product Development
- Experimenting new trends
- Automobile Engineering
- Finite Element Analysis
- Robotics and Automation
- Fuzzy Logic and Neural Network applications
- Optimization using Design of Experiments
- Total Quality Management
- Composite Materials
- Refrigeration and Air-conditioning
- Solar Energy sources
- Alternate energy sources



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



### CORE COURSES

- Electrical Engineering
- Electromagnetic Theory
- Control Systems
- Design of Electrical Apparatus
- Transmission and Distribution
- Power system analysis and Control
- Electrical and Electronics Measurement
- Microprocessor and Applications.
- Circuit Theory
- Electrical Machines
- Power Quality

### FOREWORD

The people behind the electrical Power Generation, Transmission and

Distribution are shaped through this Course. Application of Electronics Engineering to power systems are to dealt with in detail.

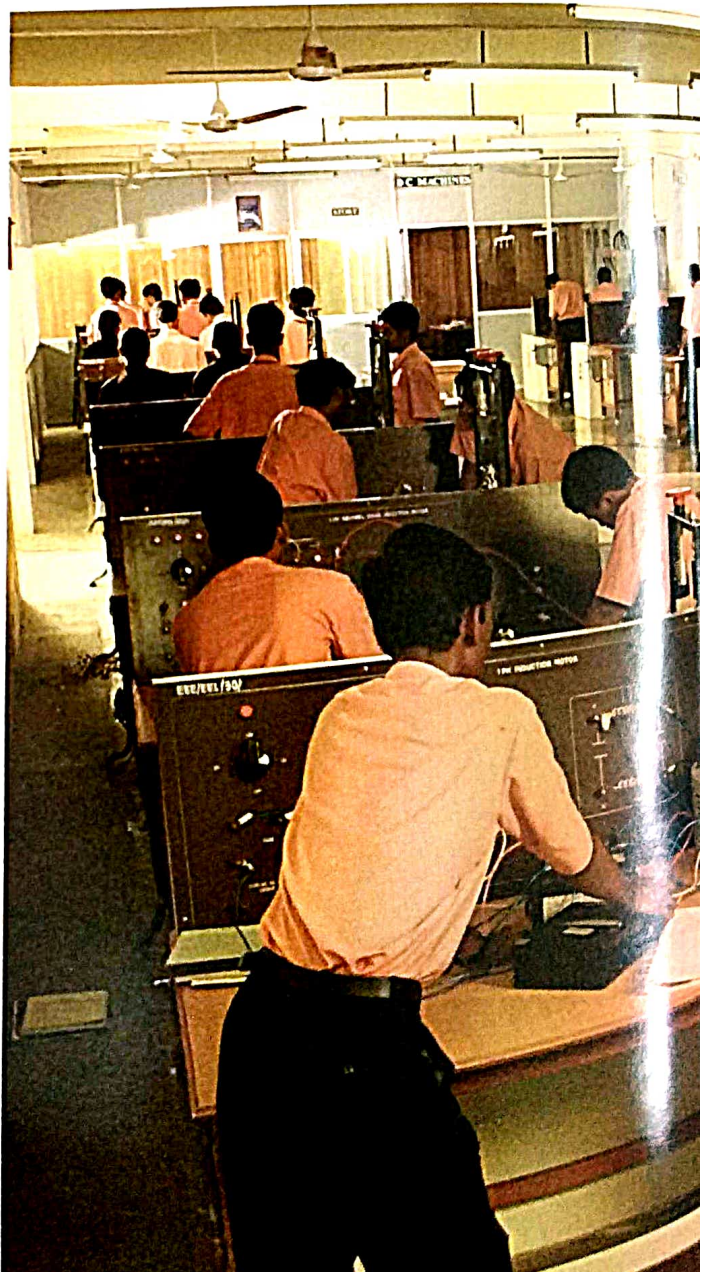
Exposure to latest Technologies fosters creativity and independent thinking in the students .An essential attribute to steer ahead in today's Competitive World.

### VISION

Provide Total Quality Education with student centric learning environment and prepare our students to be socially relevant Engineers for taking up technology leadership.

### PROJECTS ON THE ANVIL

AICTE sponsored TAPTEC project- Development of Computer Aided Management of Hybrid - solar - wind energy generation system together with the solar energy - battery operated car.



**ADD ON COURSES**

- Power Transients
- Embedded system Design
- VLSI Design
- AI and Expert systems.

**PROJECT WORK**

- VLSI based design
- Neural networks
- Genetic algorithms
- Micro controllers

**ELECTRONICS ENGINEERING**

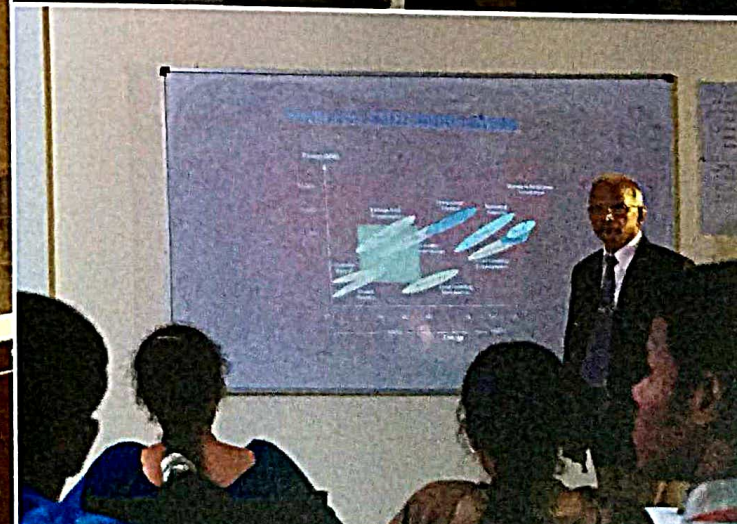
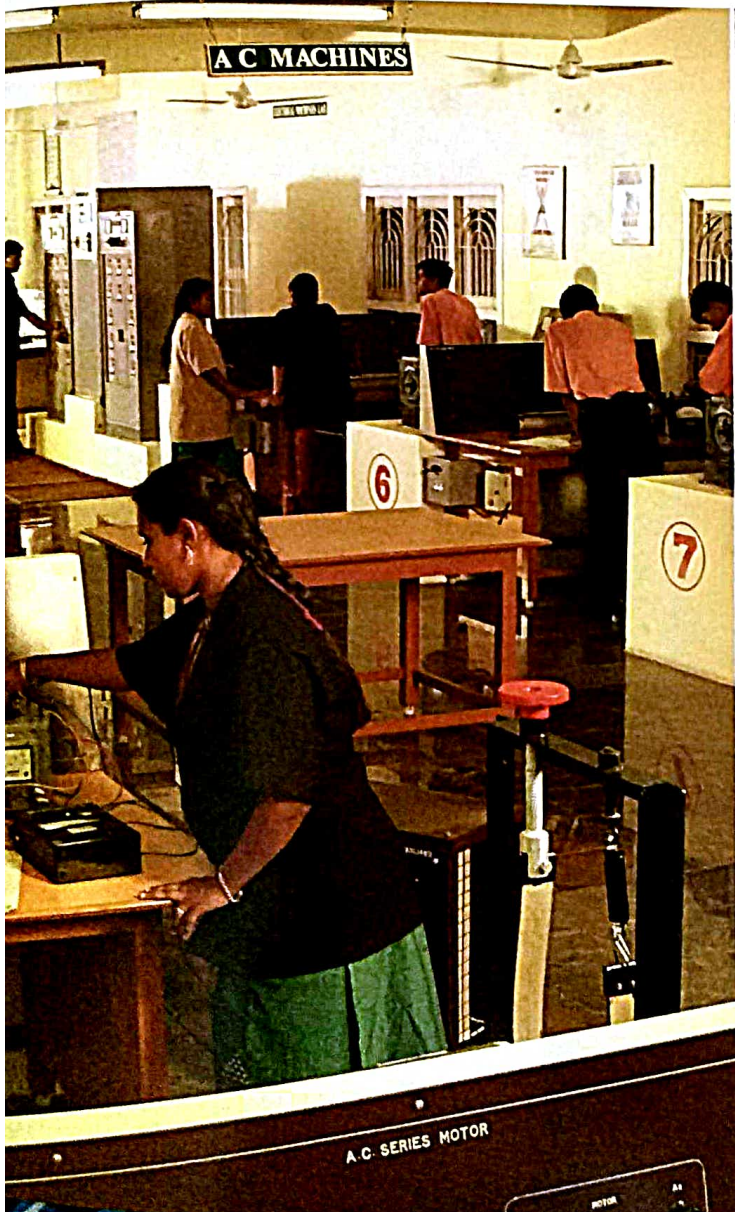
- Electronic circuits
- Power Electronics and Drives
- Digital electronics
- Linear integrated circuits
- Digital signal processing
- Communication Engineering.

**SOFTWARE PACKAGES AVAILABLE**

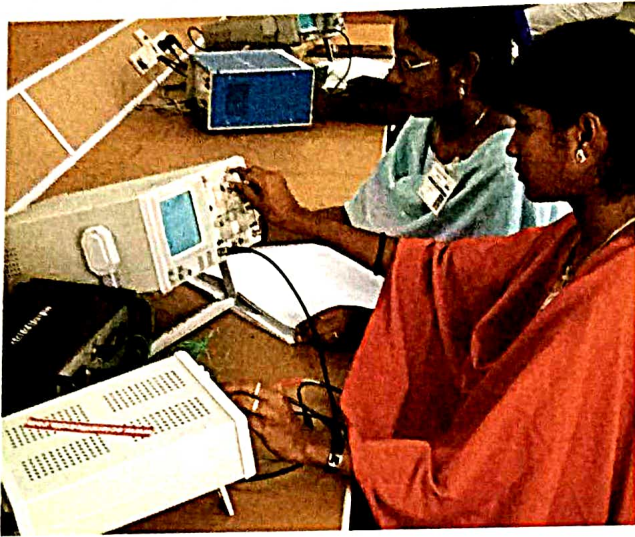
- E-TAP    ■ PSCAD    ■ ORCAD
- PSPICE    ■ MATLAB

**LABORATORIES**

- Electrical machines lab
- Microprocessor lab
- Electrical workshop
- Simulation lab
- Power Electronics lab.
- Control System lab.
- Measurement lab
- Instrumentation lab



## Department of ELECTRONICS & COMMUNICATION ENGINEERING

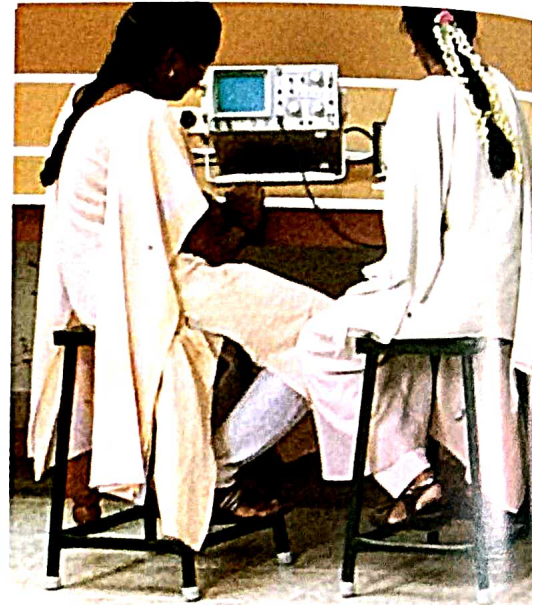


### AREAS OF PROJECT

- Bio Medical Instrumentation
- Optical Communication
- Mobile Communication
- Telecommunication
- Multimedia & Networking
- Digital signal Processing
- VHDL

### FOREWORD

In the information age that which needs better communication resources for the development of mankind, the Department of Electronics and Communication Engineering established in 1995, is equipped with high standards and sound fundamental concepts to keep in phase with the day to day advancement in the field of Electronics and Telecommunication. The department offers undergraduate degree in Electronics and Communication.



### ELECTIVES

- Satellite Communication & Broadcasting
- Electromedical Instrumentation
- Radar Systems and Navigational AIDS
- Digital Image Processing
- Speech Signal Processing



## CORE COURSES

- Electron Devices
- Electronic Circuits
- Linear Integrated Circuits
- Microprocessor & Applns
- Digital Communication
- EM Waves & Wave guides
- Antennas and Propagation
- Transmission lines & Networks
- Communication Theory & Sys
- Electromagnetic Fields
- Signals and Systems
- Digital Electronics
- D S P
- Microwave Engineering
- Television & Video Engg
- Optical Communication

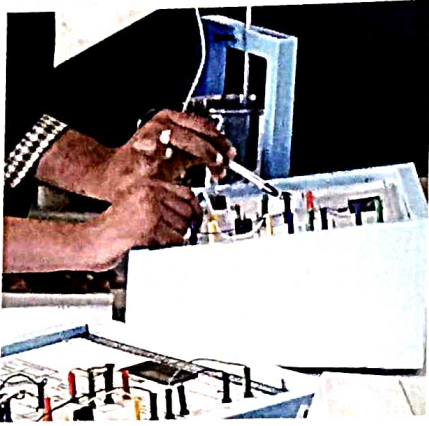
## LABORATORIES

- Basic / Advanced Electronics Lab
  - Communication Lab
  - Microwave Electronics Lab
  - Microprocessor & Appln. Lab
  - Applied Electronics Lab
  - Signal Processing & Software Lab
- DSP Trainer kits, Texas ADSP hardware with relevant software support, XILINX, MATLAB, EDWIN, PSPICE & DSP.





## DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING



### FOREWORD

Automation in all industries demands Instrumentation Engineers with high caliber and to have experience in various advanced industrial equipments. Instrumentation engineers are preferred in control and maintenance of equipment or process in various industries. State-of-the art facilities at AEC and exposure to cutting edge technologies mould the students with empirical Knowledge to keep abreast of the recent trends in Instrumentation and Control field.

### CORE COURSES

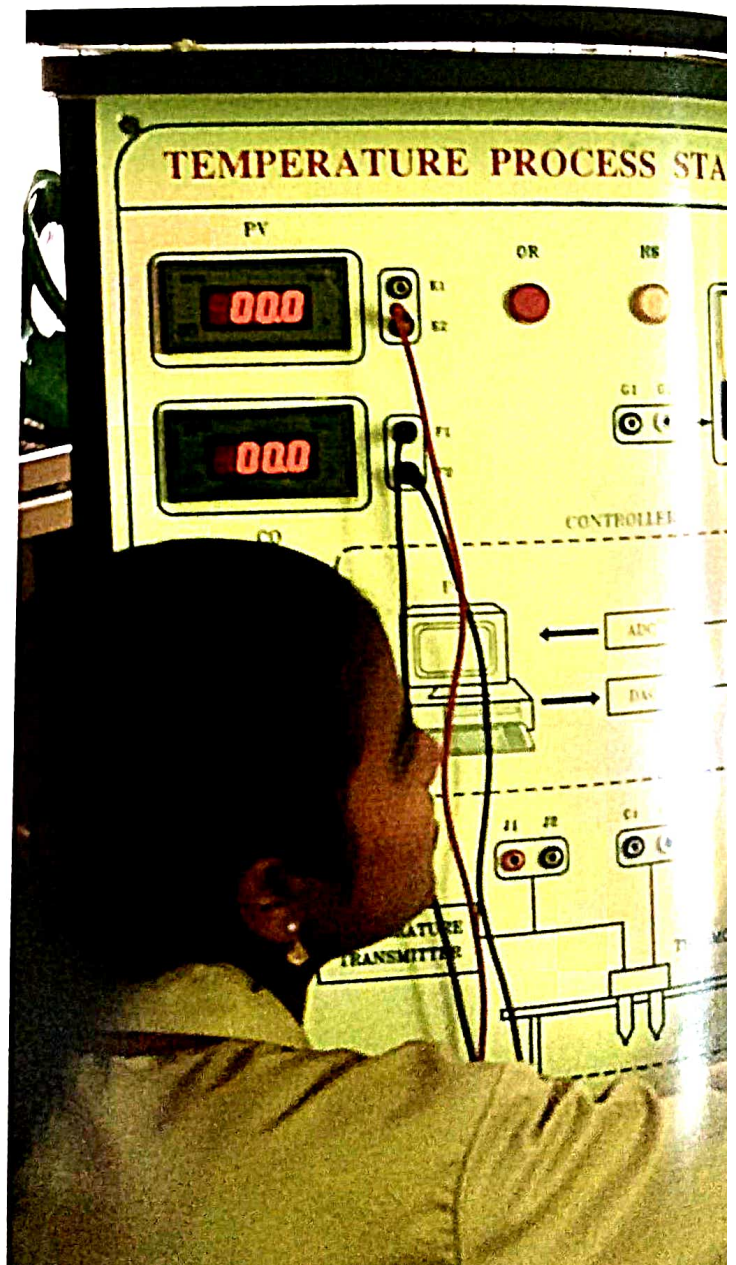
- Instrumentation
- Sensors and Transducers
- Industrial Instrumentation I & II
- Analytical Instrumentation
- Biomedical Instrumentation
- Robotics and Automation

### CONTROL SYSTEMS

- Design and Analysis of Optimal Control systems
- Process Control

### ELECTRICAL AND ELECTRONICS

- Electronic devices and Circuits
- Network analysis and synthesis
- Electro magnetic theory ■ Power electronics
- Linear integrated circuits
- Microprocessor and Microcontroller



**SIGNAL PROCESSING**

- Signals and systems ■ DSP

**C/S/OFTWARE ENGG**

- Digital design ■ DSD, VLSI, DLTD
- Data Structures & algorithms
- C programming

**ELECTIVES**

- Microprocessor based sys design
- N & F
- Fiber optics & laser instrumentation
- Power plant instrumentation

**AREAS of PROJECT**

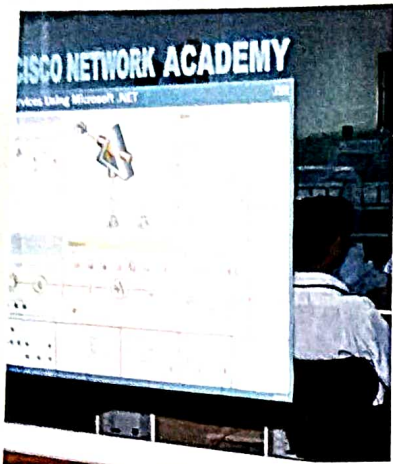
- Implementation
  - Embedded Systems
- Introducing
  - VLSI Technique in Control field
  - Soft Computing Tech
  - Industrial Automation (DCS, PLC, SCADA)
  - Virtual Instrumentation
  - Application of DSP
  - Control System

**LABORATORY FACILITIES**

- CCP
- Process control lab
- Simulation lab
- Microprocessor and Microcontroller lab
- Linear and Digital Integrated Circuits lab
- Electronic Device lab
- Electrical & Electronics Measurement lab
- Electrical Machinery lab
- Thermal and Fluid Mechanics lab
- P.D. Labs
- Transducer lab
- Data structure lab



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



### CORE COURSES

- Digital Systems
- Microprocessor
- DBMS
- System Software
- Operating System
- Artificial Intelligence
- Object Oriented Programming
- Computer architecture I & II
- C & Data Structures
- Theory of Computation
- Computer Networks
- Software Engineering
- Computer Graphics

### FOREWORD

The department with its close association with industry has always been involved in bringing out the technical skills of the students and moulding them into engineers of the future apart from academic activities. The department is also engaged in various research projects giving an opportunity for the students to innovate more ideas for the ever changing technical world.

### LABORATORIES

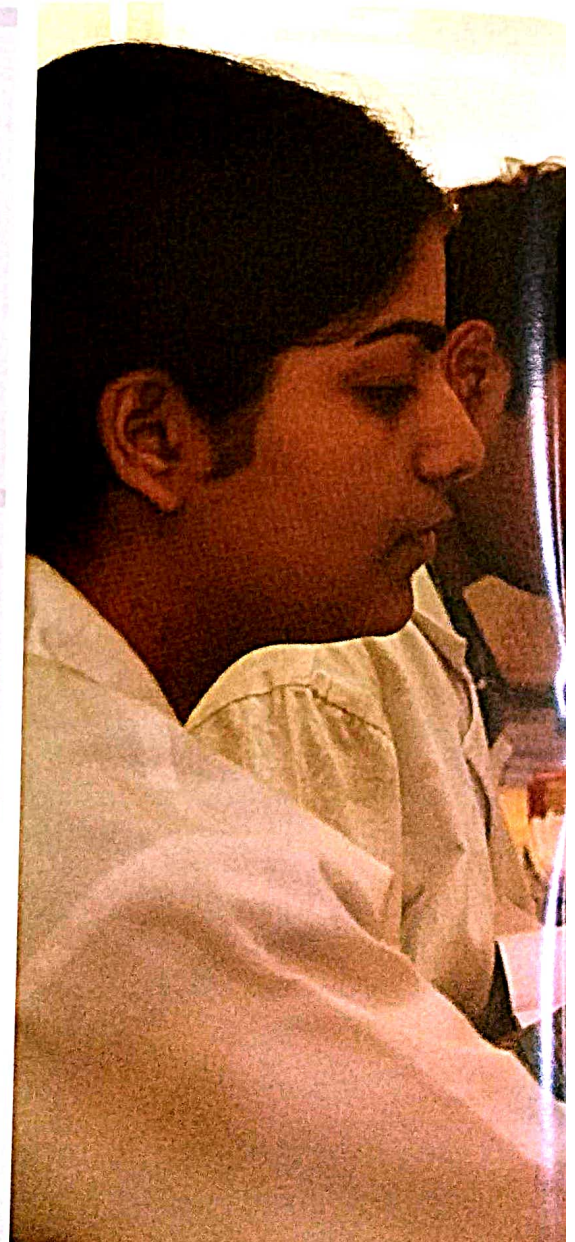
- System software lab
- Operating systems lab
- Graphics and multimedia lab
- Software testing lab

### PROJECT AREAS

- Networking/Mobile Computation
- J2EE/.NET
- Database Management

### ELECTIVES

- Multimedia
- C# and .NET Framework



**SOFTWARE**

Operating System : Windows 9x, Windows2000, Windows NT, Novell Network, UNIX, Linux  
Language : Turbo, Pascal, Turbo C, Turbo C++, LISP, COBOL, MASM TASM, Java, Borland C++, C#  
Application Software Visual Basic, Visual C++, Visual J++, MSSQL Server, Java, AutoCAD, OracleD2k

**PROJECTS**

- Meteorological Data Acquisition and Processing systems, Windows Based Radar Analysis & client server based reply system for SHAR center, ISRO Sriharikotta.
- Stress Corrosion and Crack Monitoring Systems in association with Defense Metallographical Research Laboratory, Hyderabad.



## DEPARTMENT OF INFORMATION TECHNOLOGY

### FOREWORD

Three key technological changes will make possible the emergence of Enterprise wide or Nationwide systems viz. The Information super highway, parallelizing compilers and heterogeneous distributed systems. Banking, Finance, Insurance & manufacturing applications will heavily depend on such enterprise wide systems. Data communications and Networking have created a new wave in computing. The Information Technology programme offered by the college prepares the students to be effective in providing Information Technology based solutions.

### SHORT TERM GOALS

Establishment of research centre for MS (Research) / Ph.D., with affiliation to Anna University.

### LONG TERM GOALS

Establishment of centre of Excellence in the field of Network Technology / Web Technology / Portal Development. Establishment of consultancy cell by spiring services to software industries on Sub - Contract Basis. Establishment of centre of Excellence in the field of seismic data processing.

### LABORATORY FACILITIES

The department uses the common computing facilities of Arunai Gateway which has over 400 nodes along with 2Mbps leased line internet connectivity for Internet and Multimedia lab which has over 40 nodes and Pentium based servers running UNIX, LINUX, WINDOWS NT, WINDOWS 2000 & RATIONAL SUITE.

### COMMUNICATION ENGINEERING

- Electron Devices and Circuits
- Digital System Design
- Microprocessors & Micro controllers
- Communication Engineering
- Digital Signal Processing
- Information Coding Technique
- Mobile Communication



## ELECTIVE

- Distributed Computing
- ERP
- TQM
- Data warehousing
- Data mining

## ADD ON COURSES

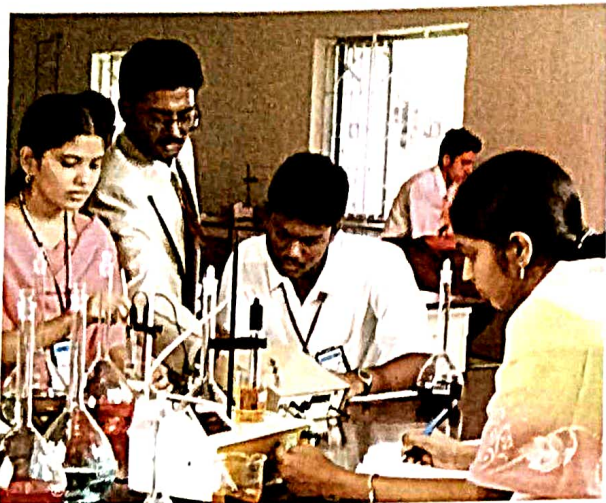
- CCNA
- NET
- Rational Suite

## COMPUTER ENGINEERING

- Programming in C
- Computer Architecture
- Operating system
- Web Technology
- System Software
- Computer Networks
- DBMS & Client
- Introduction to Data Structures
- OOAD
- Object Oriented Programming
- Software Engineering
- Software Quality management
- Network Security and Design
- Server Computing



## DEPARTMENT OF CHEMICAL ENGINEERING



## CORE COURSES

- Process Calculation
- Heat transfer operations
- Chemical reaction engg
- Process instrumentation
- Process equipment design & drawing
- Chemical engineering thermodynamics
- Fluid flow operations
- Mass transfer operations
- Process Engg Economics
- Dynamic and control

## ELECTIVES

- Petroleum Technology
- Pulp & Paper Technology
- Fertilizer Technology
- Safety Engineering

## FOREWORD

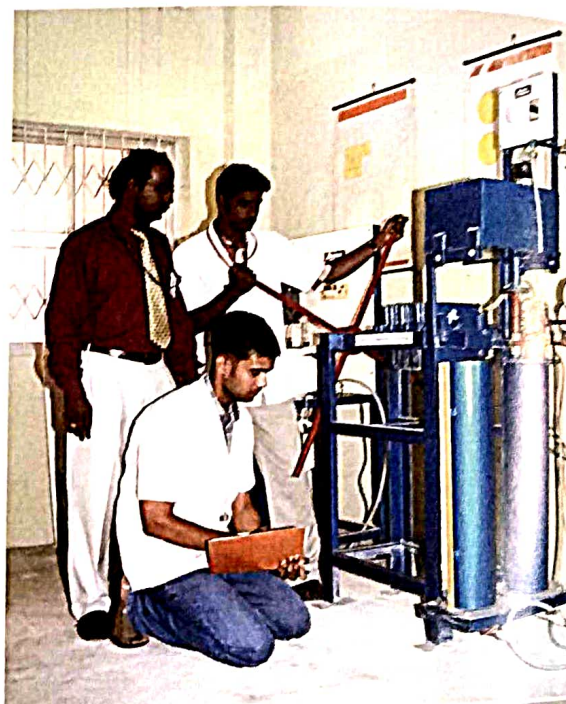
The Chemical Industry is an essential industry, whose products (Fertilizers, Cement, Plastics & Petro Chemicals) are connected with the basic needs and desires of the society. The department was established with the prime objective of producing quality engineers who would make useful contribution to the society. The curriculum has been designed to cater to the changing trends by putting a log of emphasis on the laboratory courses. Pure chemical Engg subjects are supplemented with Mechanical, Electrical and Computer Application.

## VISION

Growth and competition through knowledge and innovation

## AREAS OF PROJECT

- Bio Diesel
- Trade Effluent Treatment
- Petro Chemical



**LABORATORIES**

- Fluid Flow operations
- Mechanical Operations

**MAJOR EQUIPMENTS & FACILITIES**

- Jaw crusher and Roll crusher
- 400kg/hr. Non-IBR boiler
- UV-Spectro photometer
- Packed bed absorber
- Reactors (adiabatic, cascade, packed bed, retail coil)

- Heat & mass transfer operations
- Technical Analysis

- Double pipe heat exchangers
- Flow & level control Trainee
- Ball Mill
- Rotating disc control

- Process control
- Reaction Engineering

- Tray Drier
- Temperature Controller
- Vacuum Drier
- Cooling Tower





## DEPARTMENT OF BIOTECHNOLOGY



## CORE COURSES

- Cell Biology
- Biochemistry
- Immunology
- Microbiology
- Bioinformatics
- Enzyme Engg
- Bio-organic chemistry
- Bioprocess Engineering
- Genetic Engineering
- Protein Engineering
- Proteomics & Genomics
- Analytical Techniques

## FOREWORD

A rapidly changing world is one of the biggest challenges facing today's graduates. New technologies, new working practices and changes in tastes and Environment require graduates who are equipped with flexible attitudes which are mutated in Department of Industrial Biotechnology .Keeping the industrial aspects in mind they are post-translated towards genetic engineering, agro, pharmacy and bioinformatics.

## ELECTIVES

- Plant Biotechnology
- Biopharmaceuticals
- Environmental Science
- Instrumental method of analysis,
- Analytical techniques, TQM
- Recombinant DNA Technology
- Molecular Pathogenesis

## ADD ON COURSES

- Bioinformatics & Bio tools



### AREAS OF PROJECT

- Alternate fuel
- Food Processing
- Stem Cell Research
- Clinical Immunology
- Enzyme Technology
- Agro Biotechnology
- Nanotechnology
- Recombinant DNA Tech.

### TECHNOLOGY IMPLEMENTATION

- Bio fuels & Production
- Bio-gasifier in AEC campus

### LABORATORY FACILITIES

- Microbiology Lab
- Immunology Lab
- Bio informatics lab
- Bioprocess Lab
- Downstream Processing Lab
- Bio Process & Process Control Lab
- Biochemistry & Proteomics and genomics Labs
- Genetic Engineering Lab
- Bio organic Chemistry Lab
- Molecular Biology Lab
- Protein engineering Lab



## MASTER OF COMPUTER APPLICATIONS



### AREA OF PROJECTS

- Networking
- Image Processing
- Neural Networks
- Network Security
- Banking/ Insurance Sector
- E-Commerce in the petroleum sector.

### ADD ON COURSES

- CCNA
- .NET

### FOREWORD

We are a group of highly-calibrated, result oriented and skilled computer programmers. Well trained for working in Teams and also trained in the Principles of Management, students of MCA are proficient in Programming languages.

### LABORATORY

The department has the state-of-the-art computer laboratory which has over 73 nodes and Pentium based servers connected in LAN. Varieties of other platforms such as Windows NT, Novell Netware, Unix and Linux are available for the students to access through the Fast Ethernet Network Panel.

- Data mining and Data Warehousing Lab
- Web Graphics
- Visual Programming
- Network Programming
- Programming Lab



**CORE COURSES**

- Data Structures
  - Software Engineering
  - Computer Graphics
  - RDBMS
  - Database management sys
  - Data Communication and Networking
  - Object Oriented Analysis and Design
  - Mathematical Foundation of Computer Science
  - Microprocessors and its applications
- Computer Architecture
  - Programming Languages
  - Multimedia Systems
  - System Software

**ADVANCED ELECTIVES**

- Network Programming
- E-Commerce
- Web Graphics
- Data Mining
- Warehousing
- Parallel and Distributed Computing



## TRAINING AND PLACEMENT

The Directorate of Training and Placement is the fountain head of all placement activities. It monitors the student's performance from their first year onwards. It provides the valuable feedback to the academics so that corrective actions are initiated at the right time.

From the secondary information, the Directorate keeps a watch on the dynamic requirements of the Industries and constantly up-date the management regarding the demand side so that the products of AEC is moulded to the requirements.

The Directorate up-dates continuously, the soft skills of the students. In fact the soft Skill programme starts from the first year onwards and it is dovetailed with the academic programme.

The Directorate involves the student community from the Second year onwards to keep them informed about the dynamic changes of the requirements of the various industrial sectors. Above all this directorate keeps the students motivated all the time.

## OBJECTIVES:

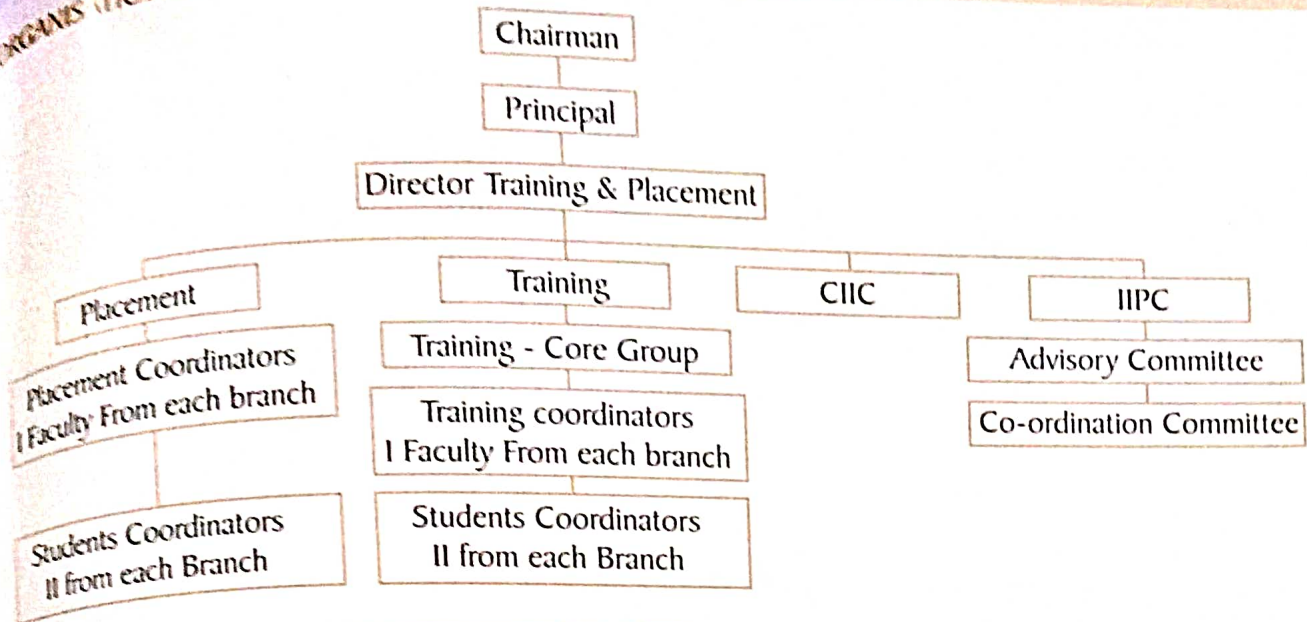
- Awareness Creation among the students about the requirement of Industries.
- Preparing the students to suit the demand of the Industries.
- Imparting Soft Skills Training.
- Imparting Foreign Language Training.
- Value addition courses.



Dr. APJ. Abdul Kalam  
His Highness President of India

Dr. M. Karunanidhi  
Honorable Ex-Chief Minister of Tamil Nadu

## ORGANISATION STRUCTURE



## SHORT TERM COURSES

### ENGLISH LANGUAGE

- Bureau of Higher Education.
- Preparing Students for BEC Exams

### FOREIGN LANGUAGE

- Japanese Language
- German Language

### VALUE ADDITION COURSES

- NET
- CISCO

## LONG TERM COURSES

### SOFT SKILLS

- English Language
- Analytical Reasoning
- Logical Reasoning
- Technical Writing
- Technical Presentation
- Group Discussion
- Mock up Interviews
- Personality Development
- Refresher Course on C, C++ Etc.,

(Local Talents are used on Regular Basis and supplemented by Outside Experts.)



Mrs. Rajani Rai  
Ex-Governor of Pondicherry



Mr. Natarajan  
Chairman, AICTE, New Delhi

### BUREAU OF HIGHER STUDIES

- To guide the students to achieve success in competitive exams like GATE, GMAT, GRE and TOEFL.
- Identify the opportunities for Higher Studies in domestic and international Institutions and guide them.

### CENTRE FOR INDUSTRY INSTITUTE COLLABORATION

- Member of the Confederation of Indian Industry (CII) southern region
- STUDENTS
  - Identify Relevant Core Areas in today's industrial climate.
  - In plant Training
  - Research Work.
- FACULTY
  - Interact with industry and provide consultancy
  - Arrange funds from Industries for research projects to be undertaken in the college.

### INDUSTRY INSTITUTE PARTNERSHIP CELL - IIPC

- OBJECTIVES
  - Improve the productivity of SMIs by providing consultancy service.
  - Improving the quality of their products by introducing TQM.
  - Reducing the wastage especially power by conducting energy audit
  - Exposing them to the concept of CDM.
  - Improving their Management by introducing software products.
  - Development of regional center with appropriate technology.
  - To conduct continuation education and skill improving programs for the employees of SMIs.



Mr. A.Raja, Honb'le Minister for Environment



IIPC Advisory Board Meeting

## ACTIVITIES OF IIPC

- Formation of Core group completed
- Formation of advisory group - Completed

The advisory board consists of

- S. Nagarajan., Executive Director, Ashok Leyland, Chennai.
- S. Chandrasekar, Managing Director, Buroka power corporation Bangalore.
- P. Sundaresan, Sr. Vice President, LUCAS TVS Ltd, Chennai
- S. Chandrasekaran, General Manager, CPCL, Chennai
- K. Thambithurai, Chief Inspector of Boilers.
- V. Muralidharan, Advisor-Retail, Reliance Infocomm, Chennai
- S.Chandramouli, Principal General Manager, BSNL., Chennai.
- G. Balakrishnan, President, Tamilnadu Small Scale Industries, Chennai.
- S. Vishnu Potty, Director, Cognizant Technology Solutions India P.Ltd.,
- RajaniKanth, Associate Vice President, Infosys
- Chairman, Task force of Industry institute Interactive Cell - CII Southern Region

The first advisory committee meeting was held on

11 - 03 - 2006.



CIIC centre Inauguration

Mr. M.Dhayanidhi Maran, Minister for IT



## EVENTS PAR EXCELLENCE

- National Seminar on "Energy Crises 2000"
- National Seminar on "Electronics - Advances and Trends" in the year 2000.
- International Conference on "Quality Improvement by Taguchi Methodology" in the year 2002
- International Conference on "Environment, Ecology and pollution"- GREENTECH2005
- National Conference on "Mobile Computing" in the year 2005.
- National Symposium on "Distributed Computing" in the year 2005.
- National level ISTE Students Meet in 2005.
- International Conference "FORGE2006"
- National Conference "Instronics 2006"
- National Conference "NASPED 06"
- Free Open Source Software Exhibition "FOSSE' 06"

## MoUs SIGNED:

The college has signed MoU with leading institutions and professional bodies to enhance the Research & Development activities.

- CAP (Anna University)
- CISCO ( Network Academy)
- British Council, Chennai (BEC course)
- IISC, Bangalore
- Mysore University (Research Activities)
- USEFI
- ASI, USA
- .NET ( Microsoft)
- MCP, MCSE, MCAD (Microsoft)
- CII confederation of Indian Industry
- IBM Rational
- Medox Pvt Ltd, Bangalore
- Campus Connect Infosys
- TANSTIA - FNF Chennai.



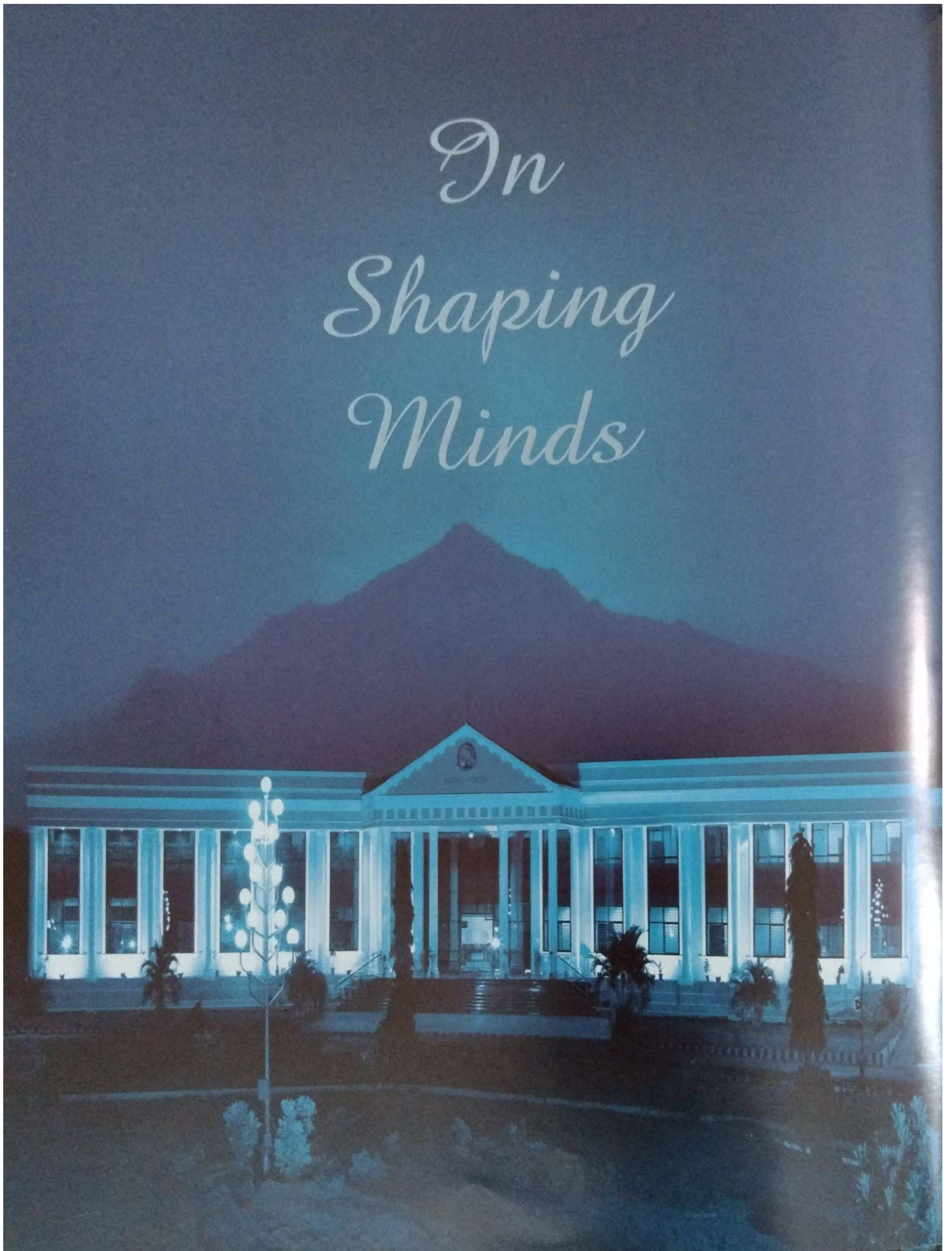
Mr. Shin Taguchi  
President, American Suppliers Institute, U.S.A

### LIST OF COMPANIES WHERE AECIANS ARE PLACED.

- FIT & SICHER
- L & T
- TCAL
- ALCATEL
- SONATA
- TATA
- SPIC
- HYUNDAI
- SIEMENS
- INFOSYS
- POLARIS
- ADDISON
- CHECKTRONIX INDIA PVT. LTD
- HEXAWARE SOFTWARE LTD
- VERIZON DATA SERVICES INDIA (P) LTD
- COGNIZANT TECHNOLOGY SOLUTIONS PVT. LTD.
- CISCO
- RANE
- SONY
- HCL
- SATYAM
- WIPRO
- SYNTEL (INDIA) LTD
- MOTOROLA
- HONEY WELL
- BRAKES INDIA LTD
- SCANDENT SOLUTIONS
- RAMCO SYSTEMS LTD

Organizations are invited to the institute for the campus recruitment programme. The infrastructure required by the organization for the recruitment process would be arranged on prior notification. Organizations are requested to forward the information regarding the selection process to facilitate preparation.

*In  
Shaping  
Minds*





*Training and Placement Division*  
**ARUNAI ENGINEERING COLLEGE**

Tiruvannamalai  
Response Sheet



About Your Organisation

1. Name of the Organisation :
2. Contact Person and Address :
3. Phone :
4. Fax :
5. e - mail :
6. Web Page :

Details of Position(S) for Recruitment  
(Please Tick wherever necessary)

1. Designation of the Post :

2. Essential Qualifications / Specialisations  
UNDER GRADUATE PROGRAMMES (B.E/B.TECH)

- Mechanical Engineering :
- Electrical & Electronics Engineering :
- Electronics & Communication Engineering :
- Electronics & Instrumentation Engineering :
- Computer Science & Engineering :
- Information Technology :
- Chemical Engineering :

POST GRADUATE PROGRAMME

- Master of Computer Applications (MCA) :

Proposed Campus Recruitment Schedule

1. Preferred dates

2. Would you like to give a Pre-Placement talk? Yes / No

3. If yes, details of the facilities and equipments required for presentation

OHP

:

Multimedia Projector

:

VCP - TV

:

Others (Pls. Specify)

:

4. Selection Procedure

Written Test

General Aptitude

:

Technical Aptitude

:

Group Discussion

:

Interview

Personal

:

Technical

:

5. Candidates to fill up Application in

Standard forms (AEC)

:

Personal Formats

:

Company Application Forms

:

(to be sent at the earliest, preferably with this proforma)

Information About Your Offer

1. Salary Structure & Emoluments

:

2. Job Description

:

3. Training / Probation / Bond, if any / other terms

:

4. Career advancement scheme of the company / Future career prospects :

5. Approximate number likely to be selected from AEC :

Name :

Designation :

Signature



*All correspondence  
regarding placements may be addressed to:*

**Mr.K.ANGAPPAN M.E.,**  
**Training & Placement Officer**  
**Arunai Engineering college**  
Velu Nagar, Thiruvannamalai – 606603  
Ph:04175-237419,236799 Fax:04175-237789  
E-Mail: angappan\_me@yahoo.com, arunaiplacement@gmail.com  
Mobile:9443435797  
Web site:www.arunai.org

*Arial roots of  
Saraswathi Ammal Educational  
Trust*

KAMBAN  
ENGINEERING COLLEGE

KAMBAN COLLEGE  
OF ARTS & SCIENCE  
FOR WOMEN

KUMARAN  
POLYTECHNIC COLLEGE

KAMBAN ITI

JEEVA VELU  
RESIDENTIAL SCHOOL

SARASWATHI AMMAL EDUCATIONAL TRUST

Mathur, Tiruvannamalai - 606603.