CHAIRMAN'S MESSAGE

S. Ziauddin Ahmed, B.A.,
Chairman

The Indian System of Technical Education is one of the largest in the world. The state of such education is a mirror image of a country's progress. And therefore, engineering education is the master key to national development. To contribute its mite to strengthen social and economic sectors of the nation, in whatever possible manner, the Melvisharam Muslim Educational Society, established in 1919, has founded C. Abdul Hakeem College of Engineering and Technology. Like all other institutions, CAHCET stands for the onward march of the human race towards higher objectives and more promising values. The ISO Certification and the endorsement of the National Board of Accreditation (NBA) are a fillip to the zeal to strain much more and to achieve more and more. CAHCET is bent upon bringing out the manifestation of perfection in its students. The massive gates of the College are kept open to such of those students whose destination is not only a degree in engineering but also the obligatory requisites for a suitable placement. The vision statement reflects the Institution's delectable commitment to expose students to job-oriented, need-based and work-centered technical education with emphasis on creative thinking and critical dissent. They are trained and counselled to travel beyond what is imprinted in the texts to integrate themselves into the social system in which the adventures of ideas are felicitated and even rewarded.

CORRESPONDENT'S MESSAGE

V. M. Abdul Lateef, B.E., F.I.E.,
Correspondent

Education is not merely a nursery of thought or centre for citizenship. It is an interpersonal influence that stimulates thinking and streamlines creativity. It is more so with engineering or technical education which is the student's wise investment for a promising future career. To exemplify this and to effectuate students' zeal to reach unscaled heights in engineering and technology, C. Abdul Hakeem College of Engineering and Technology has come up with an inspiring sylvan backdrop. It is where engineering education is defined as a vital component that should pride in its national relevance and socio-economic viability. The ISO Certification is an official endorsement of the International standards that are maintained to provide high quality education which is reflected in our University results. The accreditation by National Board of Accreditation (NBA) is a boost to what CAHCET is committed for. The sincerity enshrined Professionals that we are sending out of our portals will also be integrity-bedecked smarts. What has been achieved is, no doubt, a golden milestone but what remains to be achieved rests on the shoulders of our staff and students who are our hope and faith. The rest assured, all is and all will be excellently well with CAHCET. The student-inmates are tutored and trained to learn to see more the human element in them than to that the campus as a more academic framework of rules and regulations. The inroads are laid to get the classical values of sincerity, obedience and hard work embedded in the student that his achievement in life and career will reflect the glory of his alma mater.

VISION

Providing Quality Technical Education on par with Global Standards.

MISSION

- To nurture world class intellectual growth of our students by imparting high quality, futuristic technical education in a cost effective manner.
- To inculcate love for integrity and moral values among students to enable them to contribute to the development of humanity through application and dissemination of technical knowledge.
- To strive for advancement in Engineering Research and develop into a Centre par Excellence in Engineering and Technology.

QUALITY POLICY

C. Abdul Hakeem College of Engineering and Technology, strives to establish a system of quality assurance to continuously address, monitor and evaluate the quality of education offered to students and to promote an effective teaching-learning process for Student's benefit to transform the Institution into a Centre of Excellence in Engineering and Technological Studies.

MELVISHARAM

Melvisharam town is situated along the Chennai – Bangalore Highway, west of the historic town Arcot, flanked by the Jawadi Hills on one side and the river Palar on the other. The town is predominantly inhabited by the business community essentially involved in the export of leather and leather goods. They are known for their nationalist outlook, pious and liberal feelings and no wonder in the small town of 50,000 population one can find several educational insitutions, an orphanage and many hospitals including the Apollo KH Hospital with highly sophisticated medical care.

MELVISHARAM MUSLIM EDUCATIONAL SOCIETY (MMES)

The fabulous jewel of Madras Presidency, Nawab C. Abdul Hakeem Saheb, one of the respected natives of Melvisharam, was Prince among traders and one time Sheriff of Madras. He cherished a golden dream of transforming his town into a splendid seat of great learning to cater to the educational needs of youth. Like the winds that have no barriers of caste or community, the Nawab's munificence lighted the lamp of joy and contentment in several poverty-ridden families. His colorful dreams have all been realized by the Melvisharam Muslim Educational Society (MMES) founded in 1918 that strove hard to metamorphose Primary, Secondary and Higher Education into splendid segments of pristine enlightenment irrespective of caste, creed and community of social status. The work continues even now with redoubled zeal and rejuvenating spirit, with Students' progress and welfare as ultimate goals. The MMES manages and maintains the following prominent institutions:

1. **C. Abdul Hakeem College of Engineering & Technology**
   (An ISO Certified and NBA Accredited College of Engineering)
2. **C. Abdul Hakeem College of Arts and Science (for Men)**
   (Accredited by NAAC with B++ Grade)
3. **Islamiah Boys Higher Secondary School**
4. **Islamiah Girls Higher Secondary School**
5. **Islamiah Primary School for Boys**
6. **Islamiah Primary School for Girls**
7. **Hakeem Matriculation School**
8. **F.M. Primary School**
9. **R.A. Primary School**
10. **M.M.E.S Women's Arts & Science College**

CAHCET

A well-established and well-organized College of Engineering is the desired destination of vast majority of students. One such role model of a college is located at a distance of 100 kms from Anna International Airport, Chennai and at 4 kms from Arcot, the capital of Arcot Nawabs who ruled one-fourth of South India. The ISO 9001:2008 Certification and the accreditation by National Board of Accreditation (NBA) vouchsafe the quality of education that students are exposed to. Right from the year of its inception, the college is consistently producing scores of first class graduates, scores of graduates with high distinction and graduates with University Rank or other academic credentials.

COURSES OFFERED

The College is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to the Anna University, Chennai. The College offers seven Under-Graduate Courses and Five Post-Graduate Courses.

Under-Graduate Courses

B. E.	Mechanical Engineering
B. E.	Electrical and Electronics Engineering
B. E.	Electronics and Communication Engineering
B. E.	Computer Science & Engineering
B. E.	Civil Engineering
B. E.	Aeronautical Engineering
B. Tech.	Information Technology

Post-Graduate Courses

M. E.	Applied Electronics.
MBA	(Master of Business Administration)
MCA	(Master of Computer Application)
M. E.	Computer Science and Engineering
M. E.	CAD / CAM

Department of Science and Humanities

The First year lays a solid foundation for the four year course by imbibing general principles of technical studies. As an academic annex, the Department has a Language Laboratory with multimedia systems. Apart from the class and lab work, the hectic activities of the Department includes organizing of Seminars, Symposia, Workshops, Personality Development Programmes and Student – Expert Gatherings exclusively for students' progress in co-curricular proficiency.

Objectives

- To foster communicative competence in English for further acceleration of fluency.
- To improve writing skills with a focus on scientific and technical knowledge.
- To stimulate students to excel in campus and off-campus interviews.

Highlights

- Communication skills through Cyber Technology.
- Mock interviews and Group Discussions.
- Oratorical and Essay - Contests to develop speaking and writing skills.
- Spacious and well equipped laboratories.
- Qualified, well trained and well experienced staff.

Core Courses: Technical English, Engineering Mathematics, Engineering Physics, Engineering Chemistry, Computer Programming and Engineering Graphics, Basic Electrical and Electronics Engineering, Electric Circuit Analysis, Solid and Fluid Mechanics, Electrical and Electronics Engineering.

Addon Course: Cambridge Business English Certificate Course.

Laboratories: Physics, Chemistry, Computer Programming, Engineering Graphics, Engineering Practices and Language Laboratory.

B.E., Mechanical Engineering

Objectives

- To disseminate basic engineering skills.
- To empower students with technical knowledge, decision - making and problem - solving skills in the fields of designing and manufacturing.
- To enrich students with practical knowledge and to sharpen and accelerate the professional skills that will translate into action their academic and occupational routine.

Highlights

- Laboratories to suit contemporary engineering education and research.
- Access to high standard Computer Aided Designing (CAD), Computer Aided Manufacturing (CAM) and Computer Aided Engineering (CAE).
- National and State - level Seminars, Workshops and Conferences.

Job Avenues

- Placements in aerospace, automotive, chemical, computers, electronics and manufacturing.
- In areas of research and development, energy and design, testing and evaluation, manufacturing, operation and maintenance, marketing, sales and administration.
- In Government owned industries like BHEL, BEML, Railways, ONGC, ISRO, ARAI, NTPC and SAIL.

Core Courses: Engineering Graphics, Engineering Mechanics, Thermodynamics, Fluid Mechanics and Machinery, Manufacturing Technology II, Thermal Engineering, Strength of Materials, Kinematics of Machines, Engineering Materials and Metrology, Dynamics of Machines, Design of Machine Elements, Gas Dynamics and Jet Propulsion, Engineering Metrology and Measurements, Applied Hydraulic and Pneumatics, Automobile Engineering, Power Plant Engineering, Total Quality Management, Finite Element Analysis, Mechatronics & Computer Integrated Manufacturing.

Laboratories: Fluid Machine and Machinery Lab, Electronical Engineering Lab, Manufacturing Technology Lab, Strength of Materials Lab, Electronics and Microprocessor Lab, Thermal Engineering Lab I & II, Dynamics Lab, Metallurgy and Measurements Lab, CAD / CAM Lab, Communication Skills Lab, Computer Aided Simulation and Analysis Lab, Mechatronics Lab.

B.E., Electrical and Electronics Engineering

Objectives

- To translate text and lab confined knowledge into solid workmanship.
- To channelize the zeal to search and research to harness prominent electrical engineers in software and hardware.
- To promote intellectual growth in energy efficient technologies.
- To cater young electrical engineers to be on par with industrial needs.

Highlights

- Member, Institute of Electrical and Electronics **(EEE)**, U.S.A.
- Several new programmes every year as harbingers of in-depth knowledge of electrical and electronic Instruments.

Job Avenues

- Erection and commissioning of electrical power apparatus.
- Testing and maintaining power generating stations.
- Design of transmission and distribution system.
- Implementation of software and hardware as per industrial needs using embedded system.
- Design of automotive equipment, energy auditing and electricity boards.

Core Courses: Electrical Machines, Electronic Devices and Circuits, Electric Circuit Analysis, Data Structures and Algorithms, Control Systems, Transmission & Distribution, Power Electronics, Power System Analysis, Protection of Switch Gear, Solid State Drives, Measurement and Instrumentation, Micro Processor and Micro Controller, High Voltage Engineering, Design of Electrical Apparatus, Power System Operation and Control, Biomedical Instrumentation, Electrical Energy Generation and Utilization, Numerical Methods.

Laboratories: Electronic Machines, Data Structures and Algorithms, Electronic Circuit, Control Systems, Electronic Devices and Circuits, Communication Skills Lab, Electronic Machines, Power Electronics, OOPS, Integrated Circuits, Measurements and Instrumentation, Micro Processor and Micro Controller, Power System Simulation.

B.E., Electronics and Communication Engineering

Objectives

- To stimulate the glowing wick of discernment embedded in communication engineering to cope with the mesmerizing needs of the industry.
- To invest the prospective engineers with the latest know – how to emerge as the solid role models.

Highlights

- State – of – the – art laboratories.
- Optical communication engineering, RF / Communication networking and micro processing unit.

Job Avenues

- Nokia, Airtel, BSNL, Reliance, Tata Indicom, Vodafone, MTNL, HAL, Siemens, IBM, DRDO, NAL, WIPRO, ISRO, Intel and Cisco.
- Vast scope in communication technology – oriented R&D institutions.

Core Courses: Electronic Circuits II, Communication Theory, Electro Magnetic Fields, Linear Integrated Circuits, Measurements and Instrumentation, Computer Networks, Antenna and Wave Propagation, VLSI Design, Medical Electronics, Mobile Communication, Embedded Systems, Telecommunication Switching and Networks, Satellite Communication, Wireless Networks, Digital Electronics, Signals and Systems, Electronic Circuits, Digital Communication, Digital Signal Processing, Computer Architecture and Organization, Microprocessor and Microcontrollers, Transmission Lines and Waveguides, Digital Image Processing, Optical Communication, Microwave Engineering, Advanced Microprocessor and High Speed Networks.

Laboratories: Electronic Circuits and Simulation, Linear Integrated Circuits, Computer Networks, VLSI Design, Circuits and Devices, Microprocessors and Microcontroller, Digital Electronics, Digital Signal Processing, Communication Systems, Electronic System Design, Data Structures and Optical & Microwave Lab.

B.E., Computer Science and Engineering

Objectives

- To imbibe puzzling technical skills in an apple pie order.
- To exemplify up-to-date Engineering skills to reap a harvest of professional capability with an uncanny sense of optimism.

Highlights

- Air-conditioned laboratories to facilitate work from more than 400 latest P4 Computers.
- Servers such as Linux, Windows, SOLARIS and Local Area Networking (LAN) connecting all the systems in the campus tapping.

Job Avenues

- Computer-based Government and Non-Government Agencies, BSNL, Airtel, Reliance, Tata Indicom and Motorola.
- R&D, Cisco, MINI, IBM and Ericsson.

Core Courses: Computer Programming, Object Oriented Programming , Data Structure, Design and Analysis of Algorithms, Computer Architecture, Computer Networks, Operating System, Software Engineering, Graphics and Multimedia, Data base Management System, Digital Signal Processing, Object Oriented Design and Analysis, Principles of Management, Environmental Science and Engineering, Microprocessor, Mobile Computing, Internet Programming, TQM, Professional Ethics, System Software, Compiler Design, Theory of Computation, Artificial Intelligence and Visual Programming.

Laboratories: Computer Programming, Object Oriented Programming, Data Structure, Computer Networks, Operating System, Graphics and Multimedia, UNIX, Data Base Management, Case Tools, Microprocessor, Internet Programming, System Software, Compiler Design & Visual Programming and Communication Skills Lab.

B.E., Civil Engineering

Objectives

- To trigger the Civil Engineers to shine as Professionals de novo.
- To instill building skills of coveted merit and to unravel the realms of research.

Highlights

- Latest Building and Surveying Knowhow.
- Periodical interaction with top builders and site visits.

Job Avenues

- Construction and Development sectors.
- Leading Contractors such as L&T, HLL and TECHNIP.
- Government Departments such as Airways, Highways, PWD and Housing Boards.

Core Courses: Transforms and Partial Differential Equation, Environmental Science and Engineering, Applied Geology, Mechanics of Solids, Mechanics of Fluids, Construction Techniques, Equipment and Practice, Surveying – I, Numerical Methods, Soil Machines, Strength of Materials, Applied Hydraulic Engineering, Surveying – II, Highway Engineering, Irrigation Engineering, Structural Analysis – Classical Methods, Railways, Airport and Harbour Engineering, Environment Engineering – I, Foundation Engineering, Design of RC Elements, Principles of Management, Structural Analysis – II, Design of Steel Structures, Construction Planning & Scheduling, Environmental Engineering – II, Design of RC and Brick Masonry Structures, Estimation of Quantity Surveying, Basics of Dynamics and Aseismic Design, Prestressed Concrete Structures, Engineering Economics and Cost Analysis.

Laboratories: Survey Practical – I, Computer Aided Building Drawing, Strength of Materials Lab, Hydraulic Engineering Laboratory, Survey Practical – II, Concrete and Highway Engineering Lab, Soil Mechanics Laboratory, Communication Skills Laboratory, Environmental and Irrigation Engineering Drawing, Environmental Engineering Laboratory, Survey Camp, Computer Aided Design Drafting Laboratory, Design Project.

B.E., Aeronautical Engineering

Objectives

- To edify knowledge - seekers in design, research and development of aircraft and aero engines.
- To launch them into the ever – widening horizon of aero engineering where sky is the limit.

Highlights

- Aerodynamics Lab with subsonic (Mach Number 0.3) wind tunnel to conduct flow measurement on different types of models.
- Cessna 210D “Centurion” 6 passenger aircraft fitted with continental Piston engine.

Job Avenues

- National airlines and helicopter companies like Air India, Indian Airlines, Pawan Hans Helicopter Ltd.,
- Private companies like Jet Airways, Kingfisher Airlines, Deccan Airways and Spice Jet.
- Leading Manufacturers of Boeing and Airbus.
- The Armed Forces like Indian Air Force, Army Aviation and Naval Aviation.
- Government and Research Organizations like DRDO, HAL, ISRO, NAL and ADE.
- Regulatory Authorities like the DGDCA.
- Private sectors like Honey well, ADA, Taneja Aerospace and Aviation Ltd.,

Core Courses: Engineering Mechanics, Engineering Graphics, Mechanics of Machines, Aero Engineering Thermodynamics, Elements of Aeronautics, Aerodynamics, Aircraft Systems and Instruments, Production Technology, Aircraft Structures, Propulsion, Flight Dynamics, Finite Element Method, Experimental Stress Analysis, Wind Tunnel Techniques, High Temperature Materials, Avionics, Computational Fluid Dynamics, Vibration and Elements of Aero Elasticity, Composite Materials and Structures.

Laboratories: Strength of Material Lab, Thermodynamics Lab, Aircraft Structure Lab, Aerodynamics Lab, Aircraft Component Drawing, Manufacturing Technology Lab, Propulsion Lab, CAD / CAM Lab, Aero Engine Lab, Aircraft Design Project, Airframe Lab, Aircraft System Lab, Avionics Lab.

B.Tech., Information Technology

Objectives

- To effectuate the gamut of Information Technology by imbibing necessary skills with an unparalleled capability coupled with the expertise non-pareil.
- To hit the bull eye of Professional and Personal Excellency.

Highlights

- The Labs are kept open even after the college working hours for additional practical learning.
- Computers with latest Softwares are used for practical courses.
- Highly configured machines with LAN facility are used.

Job Avenues

- Umpteen promising opportunities in R&D organization, Software and Hardware segments of Communication oriented establishments such as BSNL, Airtel, Tata Indicom, Reliance, Ericsson, Nokia, Vodafone and Cisco.
- Umpteen promising opportunities in Software Organizations such as Infosys, Virtusa, Wipro, HCL, etc.,

Core Courses: Computer Programming, OOPS, Data Structure, Software Engineering Information Coding Techniques, Computer Architecture, Visual Programming, Java Programming, Microprocessor, Computer Networks, DBMS, Operating System, Object Oriented Analysis & Design, Network Programming and Management, Embedded System, Cryptography and Network Security, Component Based Technology, Mobile Computing, Graphics & Multimedia and Web Technology.

Laboratories: Software Components Lab, Computer Programming, UNIX Programming, OOPS, Data Structure, Software Engineering, Visual Programming, Java Programming, Microprocessor, Network Lab, Service Oriented Lab, BAS, DBMS, Operating System, Computer Aided Software Engineering Tools, Graphics and Multimedia.

M.E., Applied Electronics

Objectives

- To gear up solid academic exercises to make a thorough study of a course in Advanced Electronics in a result – ridden environment.
- To transform class and laboratory skills into professional assets.

Highlights

- Updated Laboratories.
- Member of the Institute of Electrical and Electronics Engineering **(I.E.E.E)** U.S.A.

Job Avenues

- MTNL, HAL, Siemens, IBM, DRDO, NAL, WIPRO, ISRO, Intel and Cisco
- R&D Institutions
- College of Engineering and Technology

Core Courses: ASIC Design, VLSI Design Techniques, Embedded Systems, Advanced Digital System Design, Advanced Digital Signal Processing, Computer Architecture and Parallel Processing, Advanced Microprocessor and Microcontrollers, Digital Image Processing, High Performance Computer Networks, VLSI Signal Processing, DSP Integrated Circuits, Low Power VLSI, Digital Control Engineering, Analog IC Analysis.

Laboratories: Electronic System Design Lab I and II.

MBA - Master of Business Administration

Objectives

- To initiate the corporate style of functioning of global standards and to expose the budding Executives to leadership roles.
- To generate management diplomats excelling in managerial competence.
- To nurture entrepreneurship know - how in the young professionals.

Highlights

- Functioning in a separate massive block – "School of Management"
- Wi-Fi enabled campus for instant internet connectivity.
- Laptop for the students with latest configuration.
- Department library with books, journals (National and International), magazines, etc.,
- Personality Development programmes and Soft-Skills training.
- Business newspapers for the students to keep them updated on current affairs.

Job Avenues

Numerous jobs in various industries viz, Banking and Financial Services, Construction, FMCG, Manufacturing, Education, Insurance, Advertising, BPO, KPO, Information Technology, Telecom, Pharmaceuticals, Real Estate, Retailing, Cement, Consultancy, Textiles, Hospitals, Health Care, Hotels, Restaurant, Leather, Market Research, Public Relations , Shipping Tourism and many more.

Core Courses: Statistics for Management, Economic Analysis for Business, Total Quality Management, Organizational Behaviour, Communication Skills, Accounting for Management, Legal Aspects of Business, Operations Management, Financial Management, Marketing Management, Human Resource Management, Management Information System, Applied Operation Research for Management, Business Research Methods and Business Application Software.

Dual Specialization:

- Finance & Human Resource.
- Finance & Marketing.
- Human Resource & Marketing.

Electives: Brand Management, Retail Management, Services Marketing, Advertising & Sales Promotion, Consumer Behaviour, Customer Relationship Management, Security Analysis & Portfolio Management, Merchant Banking & Financial Services, International Trade Finance, Corporate Finance, Derivatives Management, Strategic Investments & Financing Decisions, Magnagerial Behaviour & Effectiveness, Entrepreneurship Development, Organizational Theory Design & Development, Industrial Relations & Labour Welfare, Labour Legislations, Strategic Human Resource Management & Development.

MCA - Master of Computer Application

Objectives

- To strengthen and accentuate the Academic schedule to match the engineering needs of the Corporate World.
- To augment the most challenging assignments in the competitive and compelling Cyber Landscape.

Highlights

- As many Computers as the curriculum demands.
- As many servers as the Network responses.

Job Avenues

- Corporate giants such as Wipro, Infosys, Communication Agencies such as Airtel, BSNL, Ericsson, and several others.
- Government owned Engineering Colleges, Self-Financing Colleges of Engineering and Technology.
- Placements abroad.

Core Courses: Computer Organization, Problem Solving and Programming, Business Processes, Data Structures, Accounting and Financial Management, Mathematical Foundations of Computer Science, Object Oriented Programming, Design and Analysis of Algorithms, Database Management Systems, Operating System, Computer Networks, Microprocessors and its Applications, Software Engineering, Computer Graphics and Multimedia Systems, Internet Progrmaming, UNIX and Network Programming, Resource Management Techniques, XML and Web Services, Software Project Management & Electives.

Laboratories: Data Structures Lab, Programming Lab, Object Oriented Programming Lab, DBMS Lab, Algorithms Lab, Graphics and Multimedia Lab, Microprocessor Lab, Internet Programming Lab, Visual Programming Lab, Case Tools Lab, UNIX and Network Programming Lab, Middleware Lab, XML and Web Services Lab, Software, Development Lab.

M.E., Computer Science and Engineering

Objectives

- To impart high quality education for post - graduate and under-graduate students and to provide the cutting edge technology & research in various disciplines of Computer Science and Engineering.
- To prepare students for a wide range of IT careers by equipping them with unique and enriching experience to transform them to be tomorrow's technocrats with promising caliber and commitment.

Highlights

- Hi-Tech Laboratories with high speed computing environment.
- Air Conditioned Research cell with 10 mbps Internet connectivity.

Job Avenues

- Universities and Technical Institutions.
- Corporate R&D.
- Multinational Software Companies.

Core Courses: Computer Architecture, Data Structures and Algorithms, Object Oriented Software Engineering, Computer Networks and Management, Data Base Technology, Advanced Operating Systems, Advanced System Software, Information Security, Web Technology, Mobile Computing, Grid Computing, Theory of Computation, Soft Computing, Distributed Computing, Multimedia Systems, XML and Web Services, Bio Informatics, Network Security, Embedded Systems, Digital Imaging, Software Quality Assurance, Adhoc Networks, Data Warehousing and Data Mining, Performance Evaluation of Computer Systems and Networks, Agent Based Intelligent Systems, Visualization Techniques, Advanced Databases, Software Project Management, Component Based Technology.

Laboratories: Data Structures Lab, Networking Lab, Operating System Lab, Web Technology Lab.

M.E., CAD / CAM

Objectives

- To provide need – based and job – oriented training to students in latest CAD / CAM techniques.
- To motivate them to contribute their academic might for engineering developments in design & manufacturing industry.

Highlights

- State – of – the – art laboratories.
- Consistent and fruit - bearing interaction with industry.

Job Avenues

- Multinational Corporations like Ashok Leyland, Ford, Hyundai, TCS, TVS group companies, Nokia, Motorola etc.,
- Public Sector Units like BHEL, NTPC, BEML, etc.,
- Academic assignments in Universities, Engineering Colleges and Institutes.

Core Courses: Probability & Statistical Methods, Computer Applications in Design, Finite Element Analysis in Manufacturing Engineering, Integrated Mechanical Design, Competitive Manufacturing Systems, Design for Manufacture, Assembly and Environments, Integrated Manufacturing Systems, Applied Material Engineering, Integrated Product Design and Processes, Development besides many other elective courses.

Laboratories: CAD / CAM lab is equipped with workstations with latest hardware, Pentium IV systems and softwares like Auto CAD, MDT, Pro-E, ANSYS, etc., The lab is also equipped with latest version of CNC Turning and Milling machines to impart training in CNC Programming.

Professional Tie-Ups

The College has successfully deepened close and cordial links with the Professional Bodies listed below for galvanizing the process of learning:

- Indian Society for Technical Education **(ISTE)**
- Indian Welding Society **(IWS)**
- Indian Institution of Production Engineers **(IIPE)**
- Society of Automotive Engineers **(SAE)**
- Institute of Electrical and Electronics Engineers **(IEEE)**
- Computer Society of India **(CSI)**
- Indian Society for Training & Development **(ISTD)**

Active networks have been formed by Students' Chapter of these societies

Industry – Institute Partnership Cell

Students glide above their text-based learning on the wings of this Cell, to land in the more knowledgeable landscapes of practical and industrial training. The College trains the industrial workers in select and specified areas and the Industry trains students in areas of specialization

Highlights

- Mobilizing students to gain practical experience
- Facilitates students to learn more from industry – oriented workshops
- Planning the active participation of students in Summer Training Camps (In-plant Training), Project Works and Industrial Visits

Central Library

The CAHCET Central Library is a treasure house of Books and Journals, and a golden granary of popular and prominent Titles. The library has been classified into several sections to effectuate the learning experience. The Book Acquisition Section, Technical Processing Section, Reference Section, Circulation Section, Newspaper Section and Reprographic Section are some of such very many sections that blend an easy access to easy location for an easy but effective reading

Highlights

- Integrated with printed and audio-visual resources
- All Pentium 4 -systems in the library have Internet accessibility
- Institutional Member of Anna University, Chennai and British Council Library, Chennai

Regular Subscriber to

- 65 National and International Journals.

International Journals

- On-line database (through INDEST CONSORTIUM, AICTE, New Delhi.)
- Springer-Link, U.K., Digital Engineering Library, McGraw Hill, U.S.A.

Placement and Training Cell

The Ultimate goal of any discipline in Professional Courses is to be professionally well up. But it is not a cake walk. The student - aspirer has to mould a lot curricularly and co-curricularly to fit himself in the framework of an interview. The CAHCET Placement Cell guides the students on the road to success in interviews. Its crowded activities include the periodical organization of campus and off-campus interviews through Anna University's Tamil Nadu-State-level placement programme and individual consortia.

Highlights

- Focus on student placement in Multinational Companies, preferably in Dubai and Saudi Arabia in Top Concerns such as ETA – ASCON, Al-Khaleej, Al-Jaber etc
- The Alumni are well placed in reputed concerns of global standing such as Wipro, Infosys, K.H. Shoes, Mahindra Satyam, Tata Consultancy Services, L&T Info Tech, Cognizant Technology Solutions and Caritor India Pvt Ltd.

Counselling Consortium

Success is the result of character coupled with courage and confidence. Students need proper counselling in tense moments of desperation and dejection. Such sessions are as vital as the vibrant classroom or lab assignment. What is imparted or practised within the four walls may help a student become an Engineer or a Technologist. His textual and record book knowledge may not boost his spirit when he is tossed between despair and disappointment either in his job or in his personal or domestic life. He will need the torch of faith to be lighted to drive away the gloom of grief. This torch of courage and confidence is very much lighted and brightened by our teacher-counselors, who keep a vigilant watch on the progress of students

Alumni Association

"Old is gold" is a Saying ripened with meaning. Our old students are our sterling gold as the students of the current batch. The compliments and the suggestions put forth by our alumni are a boost and the base for the growth of the institution in one way or the other. The objective of the Alumni Association is to foster a sense of continued relationship of our former students with the college. They are scattered like wind-carried flowers all over the country and all over the world. The Members of the Association have get togethers in the campus on specified occasions to help them see each other after years of separation. The pride of our Alumni had been The University Rank Holders.

Physical Education

The blooming youth should enjoy the bliss of its health. Of the seven ages of man, this stage of life is a very richly blessed lot. An erudite engineer should have an energetic body propelled by its sound health. "An apple a day keeps the doctor away" is a proverb. Likewise, an hour in the play field keeps several ailments away. And thus, sports and games have their own reward. This is one reason why the University and the Government have made Physical Education obligatory. CAHCET evinces keen interest in this segment of student's four-year career. Lots of funds have been allocated to purchase and keep all the latest tools to answer the Physical Educational needs of our athletes and sports stars, in particular and all other students in general

Highlights

- Vast sports arena even to stage Zonal and Inter-Zonal Competitions.
- Gymnasium that fulfils the norms of the University and the National Board of Accreditation.
- Top quality equipment to develop muscle power and streamline the physique.
- Regular practice to gain experience, to shine and excel in any Tournament.
- Won Trophies and Shields in several Zonal, Inter-Zonal and National-level Tournaments.
- Qualified and experienced Physical Directors for effective training.

Hostel

The hostels have several new blocks, with well furnished rooms . The college always focuses its ardent attention not only on the Ward´s Learning process but also on their health. The general abilities of the boarders are given a fillip by providing what all they really need. The Block Supervisors will have their watchful eyes on the movements of the inmates. The College maintains separate hostels for Men and Women Boarders

Highlights:

- Spacious reading rooms replete with newspapers, weeklies, monthlies, and other valuable reading material.
- Water purifiers to ensure supply of purified water.
- Solar Water-Heaters.
- T.V. sets.
- Computers.
- Indoor games.
- Gymnasium.
- Guest- rooms for the visiting parents.

Amenities

Wi-Fi Facility : Wi-Fi enabled campus (Including Hostel)

Internet Centre : 10 mbps leased-line connectivity

EDUSAT : Life-time member in Anna University´s EDUSAT Programme

Conference Hall

- Auditorium, With full house capacity of 2500
- Seminar Hall - I (capacity of 300)
- Seminar Hall - II (capacity of 200)
- Seminar Hall - III (capacity of 100)

The Smart Class room : Enables faculty to conduct classes in such a manner that students can copy available resources at the click of a button

Health Care Centre : A well qualified doctor, assisted by a trained nurse, takes care of the health of students

Guest House : For Visitors and Parents, fully furnished and Air conditioned

Hakeem Cafeteria : The College Canteen provides delicious dishes both Vegetarian and Non-Vegetarian

Post Office : A full-fledged Post Office within the campus

Bank : CITY UNION BANK with 24 hours global ATM facility

Other Amenities in the Campus

- STD / ISD Booth
- First Flight Courier Service
- Books and Stationery Stall

Electronics Block

School of Management Block

Mechanical Block

Guest House

Science & Humanities Block

Mosque

Auditorium

Bank with ATM