DHANALAKSHMI SRINIVASAN
COLLEGE OF ENGINEERING & TECHNOLOGY

APPROVED BY AICTE, NEW DELHI | AFFILIATED TO ANNA UNIVERSITY, CHENNAI
ACCREDITED BY NAAC WITH 'A' GRADE & ACCREDITED BY NBA (FOR CSE,ECE&EEE)

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ABOUT MAMALLAPURAM

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East Coast - wide and smooth, where littoral palms, backwaters, brooks and green fields line the edges. At a distance of 55 Kms from Chennai lies Mamallapuram on the seashores of the Bay of Bengal. Here you can see Pagodas, rock - cut Caves, single-stone crafted Rathas and bas-reliefs. All belonging to the times of the Pallavas, who ruled from 600 to 700 A.D. with Kanchi as their capital.

An ancient port with a flourishing maritime trade, Mamallapuram, earlier called Mahabalipuram, stands today as a centre of art and as a testimonial to early Dravidian Style of temple architecture. Here you can also hear the sound of wind on stone and the swish of waves. The rich portraits in stone of various gods, goddesses, celestial beauties and epic stories present an endless feast for the eye and the mind, at once intriguing and inspiring. These compositions in stone, built for all years to come, are works of faith and love.

SHORE TEMPLE

This is one of the oldest temples in South India standing on the edge of the sea, enclosed by a row of bulls carved out of rock. It is said to have been built by King Rajasimha in the latter half of the 7th century AD. It is a good example of the first phase of structural temples constructed in the Dravidian style. It has shrines, one dedicated to Vishnu and another to Siva. On the beach a new site excavated nearby after Tsunami is worth visiting.
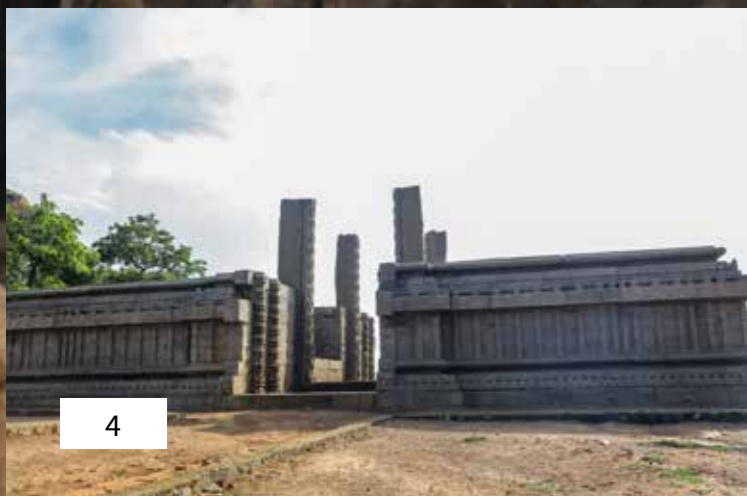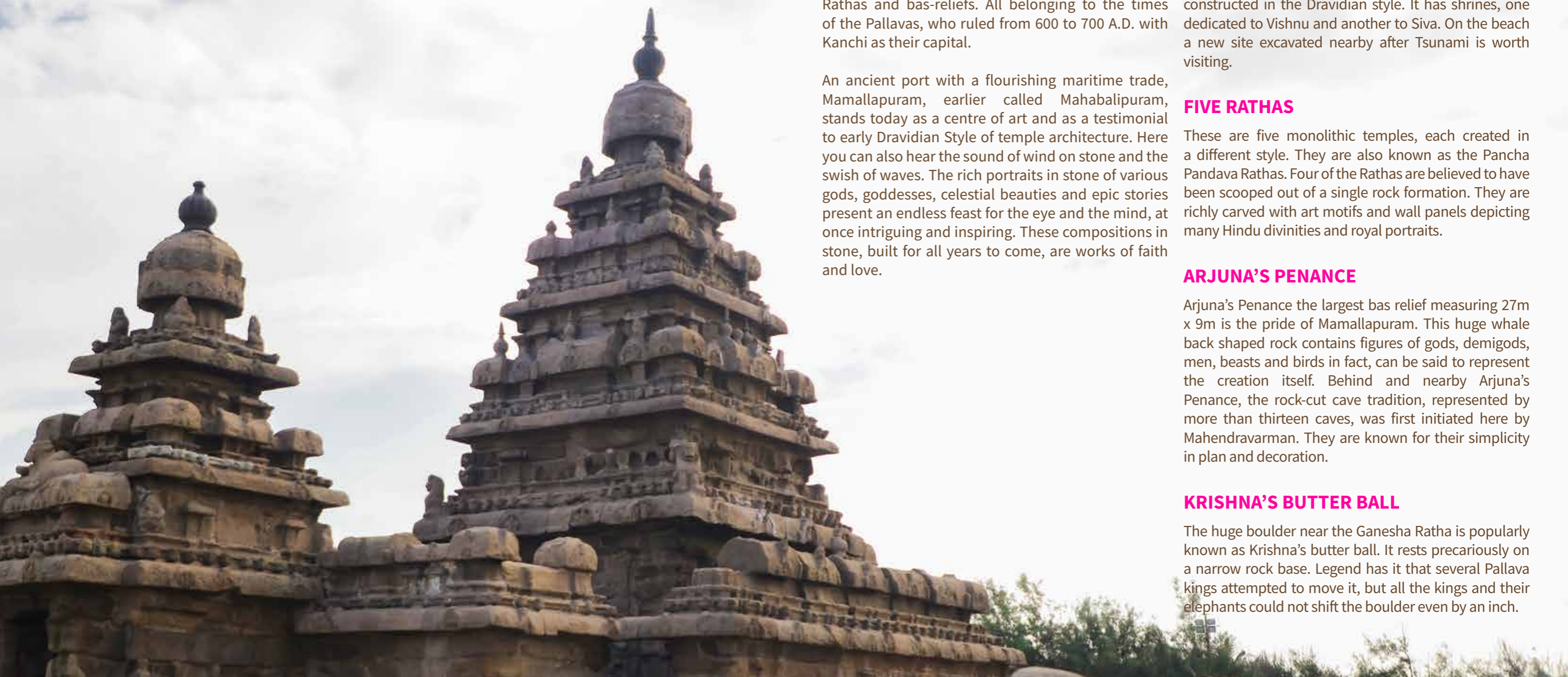
FIVE RATHAS

These are five monolithic temples, each created in a different style. They are also known as the Pancha Pandava Rathas. Four of the Rathas are believed to have been scooped out of a single rock formation. They are richly carved with art motifs and wall panels depicting many Hindu divinities and royal portraits.

ARJUNA'S PENANCE

Arjuna's Penance the largest bas relief measuring 27m x 9m is the pride of Mamallapuram. This huge whale back shaped rock contains figures of gods, demigods, men, beasts and birds in fact, can be said to represent the creation itself. Behind and nearby Arjuna's Penance, the rock-cut cave tradition, represented by more than thirteen caves, was first initiated here by Mahendravarman. They are known for their simplicity in plan and decoration.

KRISHNA'S BUTTER BALL

The huge boulder near the Ganesha Ratha is popularly known as Krishna's butter ball. It rests precariously on a narrow rock base. Legend has it that several Pallava kings attempted to move it, but all the kings and their elephants could not shift the boulder even by an inch.

CHAIRMAN'S MESSAGE

Dhanalakshmi Educational Empire is the largest multicultural Education hub of South India, offering a wide spectrum of courses entailing holistic learning experience. DSCET Chennai is a distinctive campus with modern facilities and amenities that fosters enthusiasm and passion in Engineering learning. We have experienced faculty who are dedicated to educate the industry ready engineers of the future-Today. We earnestly believe in academic Excellency and do not compromise on teaching standards or discipline. These are the springboards on which we operate.

We welcome you to our college and we are delighted to reward you with world class infrastructure, caring attention, and academic ambience in achieving their scholarly goals.

On behalf of all of us in the College, wish you all the best.

Shri A. SRINIVASAN
Founder – Chairman

ABOUT THE INSTITUTION

Dhanalakshmi Srinivasan College of Engineering and Technology is an institute of excellence in Engineering and Management Education located on the East Coast Road of the historic town of Mamallapuram. This institution is run by the Perambalur based Srinivasan Charitable and Educational Trust headed by Thiru.A.Srinivasan which runs several educational institutions for more than Tewnty Five Years. This institution strives towards excellence by adopting innovative methods and techniques to improve quality of education, consistently. It was established in the year 2001 and is located in a sprawling area of around 15 acres with a scenic beauty surrounded on two sides by a lake and on the other side by a coconut grove, providing the right ambience for pursuing Higher Education. The College is located in a area well connected with the East Coast Road and the IT Express Highway (Old Mahabalipuram Road). The college has been accredited with 'A' Grade by NAAC and CSE,ECE and EEE departments accredited by NBA. The College has been enrolled as Member of the following organizations which guide and motivate the students in the field of Modern Engineering and allied matters.

VISION

A world class nodal centre committed to advanced learning, research and training to serve the nation, meeting National an International standards.

MISSION

To be a premier Engineering College much sought after by the industries and societies by offering Professional education and training blended with moral and ethical values as to convert student Resources into strong assets of our nation.

The Confederation of Indian industry Institute of Electrical and Electronics Engineers,
• Computer society of India Lema Lab
• Indian Society for Technical Education
• National Stock Exchange of India Limited

• Madras Management Association
• All India Management Association
• Society for Automation Engineers of India
• Indo German Chamber of Commerce
• Institute of Aeronautics Astronautics & Aviation

Courses Offered

UG PROGRAMMES

• B.E Aeronautical Engineering
• B.E Agricultural Engineering
• B.E Bio Medical Engineering
• B.E Civil Engineering
• B.E Computer Science and Engineering*
• B.E Electrical and Electronics Engineering*
• B.E. Electronics & Communication Engineering*
• B.E Mechanical Engineering
• B.Tech Food Technology
• B.Tech Information Technology

PG PROGRAMMES

• M.E Aeronautical Engineering
• M.E Computer Science and Engineering
• M.E Communication Systems
• M.E Power Electronics and Drives
• MBA Master of Business Administration
• MBA Master of Computer Applications

* Accredited by NBA
 Accredited by NAAC with "A" Grade

AERONAUTICAL
ENGINEERING

ABOUT THE DEPARTMENT

The Department was started in the year 2007. It has a team of well-qualified faculty members with rich industrial and academic experience. The wide professional experience of the faculty members brings strength and commitment to research and development activities of the department. ICT enhanced teaching techniques are also used in the department to supplement the regular chalk and talk lectures.

The prescribed core courses cover important and exciting areas of Aeronautical Engineering including Aerodynamics, Aircraft Structures, Flight Dynamics, Propulsion, Avionics, Aircraft Design, Rockets and Missiles, Aircraft Systems and Instrumentations, and Aircraft Maintenance. The students also undergo practical classes in the department laboratory.

EXCELLENCE IN EDUCATION

The Department of Aeronautical Engineering gives a broad multi-disciplinary education enabling the students to succeed in a wide variety of careers including design, manufacture, maintenance and management of Aircraft Vehicles such as airplanes, helicopters, gliders and unmanned aerial vehicles.

COURSES OFFERED

B.E Aeronautical Engineering
M.E Aeronautical Engineering

KEY STRENGTHS

- Continuous Industry interactions with reputed R&D organizations like DRDO, NAL and ISRO.
- Collaborative programs through MOUs with Aerospace Industries and R & D Centres.
- Learning Programs and certifications for Advanced Design and Simulation Software (ANSYS, CATIA).
- Good track record of Academic performance in Competitive Exams and university Exams.
- Student centric Teaching learning process.
- Project based teaching and learning process.
- Highly qualified faculty.
- Modern pedagogy with E- Class Rooms.
- Department library with E-Journals.

AGRICULTURE ENGINEERING

ABOUT THE DEPARTMENT

Agricultural Engineering Degree was started in Dhanalakshmi Srinivasan College of Engineering and Technology during 2019 and the first batch of students were admitted in July 2019. This Department is spreading its wing by establishing various laboratories like Farm Machinery and Power, Agro-meteorological Observatory, Irrigation Field Laboratory, Food Process Engineering Lab, Soil and Water Conservation Engineering Lab, Agricultural Processing Lab, Bio-energy Lab, Post Harvest Engineering Lab in order to meet the requirements of the Degree Program. To provide adequate farming skill as a background for Agricultural Engineers,5 acre farm land is allotted for Crop Husbandry Lab.

Students are trained in crop cultivation techniques from land preparation to harvesting of crops like Wet land crops and Irrigated Dry land crops. Various software for Mapping, Modelling and Analysis in CAD, GIS and Remote sensing, Surfer etc are being equipped in the Dept. Industrial tie-up is being organized with Agricultural Machinery, Irrigation Industries, Food Industries for empowering students through on-site training programs, internship and Project work for Entrepreneurship and Career job opportunities.

DIPLOMA CANDIDATES

A pass with prescribed minimum eligibility marks in any one of the Diploma in an appropriate branch of Engineering / Technology of the State Board of Technical Education and Training, (Tamil Nadu / equivalent) is prescribed for admission to the Degree Course (Refer list of eligible Degree Courses for various Diploma Courses).

B.Sc CANDIDATES

A pass with prescribed minimum eligibility marks in any recognized Bachelor's Degree in Science of minimum 3 years duration with 10+2+3 years pattern and studied core Mathematics as one of the subjects at degree level.

Note: Candidates with Degree other than Bachelor of Science are not eligible.

CAREER OPPORTUNITIES

Diverse career opportunities exist in agricultural production, marketing, processing, export, education, research, administration in Government, civil society organizations, non-government organizations, agro-industries, agricultural communication etc. Pathway vary for each job in agriculture. Some of the job designations are:

Agricultural Equipment Design Engineer | Irrigation and Drainage Engineer | Process Engineer / Manager | Landscaping and Microirrgation Specialists | R&D Specialist | Agriculture Field Officer | Agricultural Entrepreneurs

BIOMEDICAL ENGINEERING

ABOUT THE DEPARTMENT:

The ultimate aim of Biomedical Engineering is to find practical solutions in medical field through sciences using Engineering approaches and analysis. There are many areas in health care, developing life support systems CT scan, Magnetic Resonance Imaging, Heart-lung machine and ventilators and designing devices to aid the impaired or creating systems to allow better diagnosis of medical disorders. Biomedical Engineers are vital in the management of technology in hospitals and healthcare delivery. Biomedical engineers work with other healthcare professionals as members of a team.

BME department was established in the year 2019. Biomedical Engineering is the application of Engineering principles and design concepts to medicine and biology. This field seeks to bridge the gap between Engineering and Medicine. It combines the design and problem solving skills of Engineering with medical and biological sciences to improve healthcare diagnosis, monitoring and therapy.

BIOMEDICAL INSTRUMENTATION LABORATORY

Biomedical Engineers spend their days designing electrical circuits and computer software for medical instrumentation. These instruments range from large imaging systems such as conventional x-ray, computerized tomography and magnetic resonance imaging, to small implantable devices, such as pacemakers, cochlear implants, drug infusion pumps and some of the Prominent biomedical applications include the development of various diagnostic and therapeutic medical devices ranging from common imaging equipment such as MRIs and EEGs, regenerative tissue growth, pharmaceutical drugs and therapeutic biologicals.

" To produce disciplined, knowledgeable and well equipped Engineers to architect the future world of Biomedical Engineering "

LIST OF EQUIPMENTS

- Low persistence CRO
- Low frequency oscillator, (1KHz to 5 KHz)
- Pulse rate measurement setup with accessories
- Respiration rate measurement setup with accessories
- Ultrasound Doppler flow meter

CIVIL
ENGINEERING

ABOUT THE DEPARTMENT

Civil Engineering was started in the year 2012 with the approval of AICTE and affiliated to Anna University. The department's primary goal is to focus on imparting the best possible exposure to various fields in civil engineering. The department is established with well-equipped laboratories, with all the modern amenities & excellent setup. As per AICTE norms, well qualified & experienced faculty are recruited. Academicians from premier institutions and field engineers are frequently invited to interact with students and faculty for updating their knowledge with the latest global development. Department is also engaged in organizing co-curricular activities like seminars, expert talks, aptitude tests, quiz, field visits, career counseling, etc. in order to develop the inter-personal skills of the students.

CREATING OPPORTUNITY

The Department strives to mould competitive and innovative civil engineers to contribute world technology for the sustainable development of the society. Continuous Training & Development with dedicated team, Well planned infrastructure and student facilities increases the learning experience which makes the college best in this region.

right environment for learning and development. The college practises high standards of ethics and discipline to shape the young into future-ready technocrats. Excellent learning facilities, sports, extra-curricular activities and social outreach programs offer a holistic development to the students and make them global leaders.

CAREER FOCUSED LEARNING

Civil engineering would be a good career choice. Our department has the advantage of getting government jobs in almost every sector. Civil engineers can work in a variety of fields. They work as engineering managers on construction sites or for consulting firms. Many civil engineers obtain their professional engineering license and design their own firms after they gain experience. Employment of civil engineers is enhanced to a growth of 20 percent from 2012 to 2022, according to the U.S. Bureau of Labor, compared to other branches.

AN INSPIRATIONAL ENVIRONMENT

Life at Dhanalakshmi Srinivasan College of Engineering and Technology campus is a memorable experience. The sprawling green campus offers the

COMPUTER SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering is at the forefront of moulding software engineers with a high degree of technical expertise. It fosters the innovation and breadth of vision necessary to excel in the blooming software industry. The experienced faculty expose budding Computer Engineers to a rigorous and exhaustive curriculum designed to bring out the best in them and to keep them in touch with the latest state of the art technology. Besides imparting theoretical knowledge, the emphasis is on hands-on training and overall development of the individual's personality. Equal importance is given to the classroom learning which is meant primarily for conceptual inputs. The students are offered value added courses such as Oracle, Big Data, IOT, Cloud Computing, Data Science and Cyber Security. The teaching program has been devised keeping in view the need of a close interaction with the industry. Our department library has more than 2000 books dealing with core Computer Science and Engineering topics. CSE department facilitates industry experience for the students.
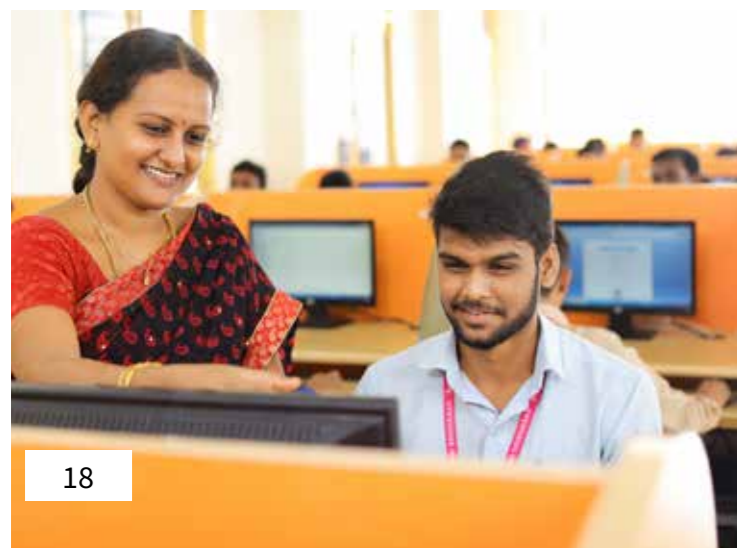
COURSES OFFERED

B.E Computer Science and Engineering (2001)
M.E Computer Science and Engineering (2010)

SPECIALIZATIONS FOR HIGHER STUDIES

Artificial Intelligence | Computer Graphics | Robotics | Software Engineering | Telecommunications Engineering

CAREER SCOPE

Software Developers | Hardware Engineers | System Designer | System Analyst | Networking Engineers | DBA (Database Administrator)

LAB FACILITIES

The department has well equipped and specialized labs:
- Grid & Cloud computing Lab
- Networking Lab
- Mobile Application Development Lab
- Operating Systems Lab
- DBMS Lab
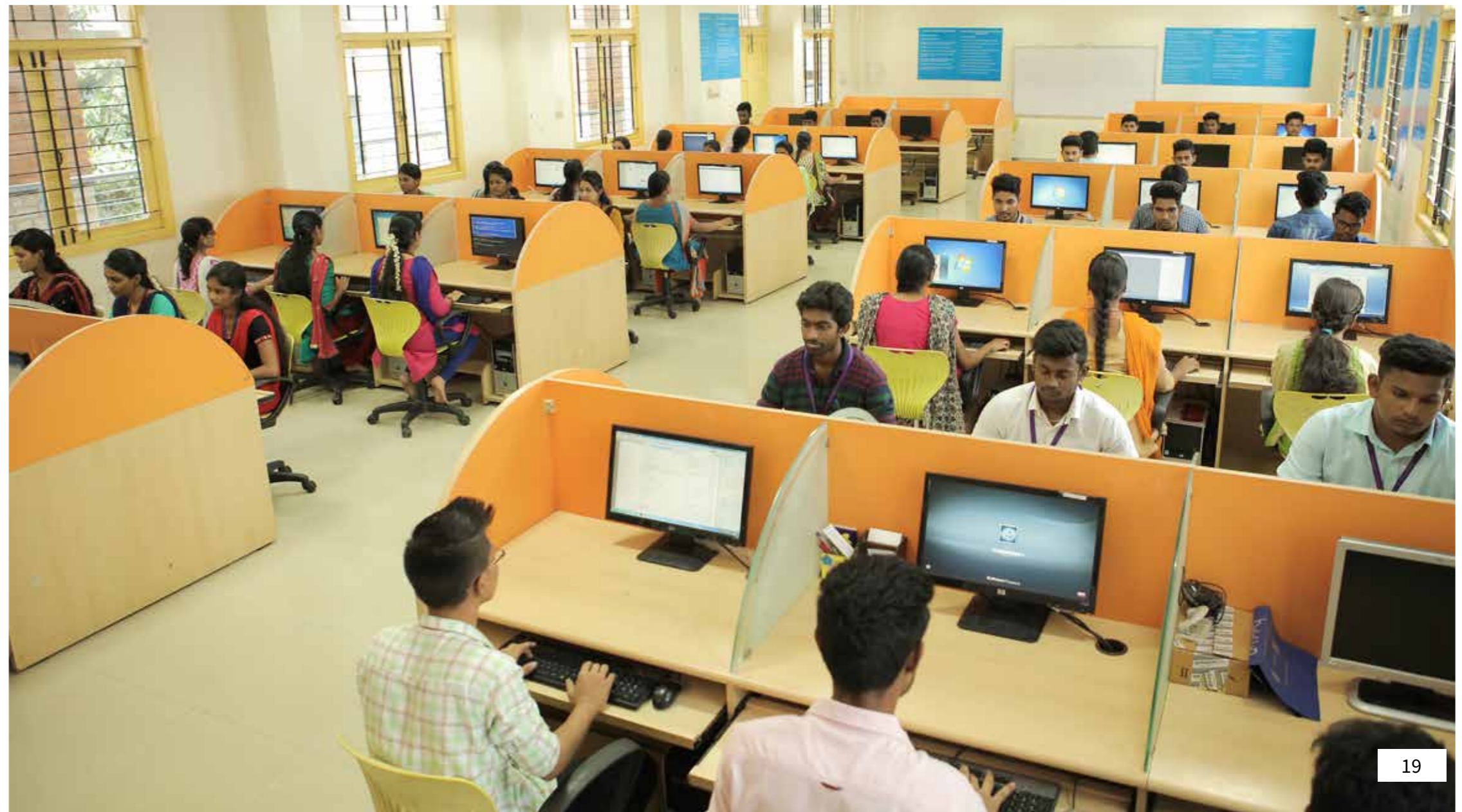- Case Tools Lab
- Internet Programming Lab

COLLABORATION

- The department is a member of ICTACT Academy which helps develop the Communication skills of students through their Youth Circle Program.
- The department has signed an MOU with ICTACT for creating Center of Excellence for Data Analytics Programme.

- The department has a strong association with professional bodies like CSI & ISTE through which our faculty and students involve in conduction and participation of quiz, guest lecture, seminars, workshops and coding events.

ACHEIVEMENTS

- The National Board of Accreditation (NBA) has accredited the undergraduate programme and is also permanently affiliated to the Anna University.
- NAAC Accreditated college.
- Many students got Anna University ranks.
- Best projects awards were won by our students.
- The students have been successful in getting prizes of excellence in academics for scoring 10 out of 10 points and also have brought laurels to the department by participating and winning awards in national and international events.
- Many of our graduates hold top positions in Multinational companies like CTS, Infosys, Google, etc.,

ELECTRONICS AND COMMUNICATION ENGINEERING

COURSES OFFERED

B.E- ECE since 2001
M.E - COMMUNICATION SYSTEMS since 2010.

YOUR NEW HOME

Our college is an emerging institute of excellence in Engineering Education located on the East Coast Road, in the Historic Town of Mamallapuram. The college is run by the Srinivasan Charitable and Educational Trust which has been in the field of education for more than 25 years. The college is approved by the AICTE, New Delhi and is affiliated to the largest Technical University, Anna University, Chennai and Accreditated by NAAC with "A" Grade. ECE department is accreditated by **National Board of Accreditation (NBA).**

An amiable environment is provided which makes students feel at home. We provide good transportation facility to various locations. Individual attention is provided to students by faculty members and a healthy environment is maintained between student and faculty member.

The department of ECE offers a PG programme ME- COMMUNICATION SYSTEMS since 2010. Our department library includes 2990 Titles and 6770 Volumes of books. Our department library consists of 22 National journals, 52 E –journals and 2 Magazines to mention a few, The IUP Journal of Electrical & Electronics Engineering, International Journal of Electronics, Electrical Engineering & Technology, Journal Of Micro Engineering and Nano Electronics.

CAREER FOCUSED LEARNING

We provide GATE, TOFEL, CAT, TANCET, and AMCAT coaching classes from first year onwards.
The department of ECE is having INSTITUTION OF ENGINEERS INDIA (IEI) -Student Chapter with 80 members.
Excellent infrastructure for industry based training like Robotics, PLC, SCADA, RASPBERRY PI, Cloud Computing, Recent trends in Wireless Communications, PCB design, ARDUINO given to students with the help of external experts.

WHY STUDY WITH US

Our college provides a friendly and hygienic environment. The department of ECE is equipped with centralized air conditioned laboratories for all practical sessions and bridge course is conducted regularly in order to improve the students communication skills. We offer soft skills training with the help of industry experts. Our campus has a central library with thousands of titles and volumes. ICT enabled smart class rooms are available. Innovative ideas of the students are always appreciated by the management regularly. We provide free Wi-Fi for all the students and faculty members. State of the art facilities are available in all the laboratories.

LAB FACILITIES

- VLSI/ DSP/EMBEDDED LABORATORY
- MICROPROCESSOR LABORATORY
- COMMUNICATION SYSTEMS LABORATORY
- INTEGRATED CIRCUITS LABORATORY
- ELECTRONICS LABORATORY
- Optical & Microwave Laboratory

ELECTRICAL AND ELECTRONICS ENGINEERING

CREATING OPPORTUNITY

When employed, graduates of the department consistently appear as the first choice of employers. Studying EEE leads potential careers in the areas of Research & Development (R&D), analysis of power system, installation and commissioning, process engineering, control and maintenance, manufacturing, quality assurance and testing of Power electronic devices and circuits.

PROFESSIONAL CULTURE

The Department has exceptional Industry-Institute Interaction and delivers services like consultancy, design and testing to the industries. Students from Electrical Engineering department have won prizes in co-curricular and extracurricular activities. Professional bodies such as IEEE Madras Section and ISTE Chapter, Chennai local network are closely associated with the Department. With their association various technical activities like workshops, seminars and conferences are conducted which provide the forum for the students to be a participant, organizer.

COURSES OFFERED

B.E-Electrical and Electronics Engineering (2004)
M.E-Power Electronics and Drives (2012)

INSPIRATIONAL ENVIRONMENT

The Laboratories are well equipped with modern training facilities that cater to the requirements of the University syllabus as well as to architect the learning experience of Students.

The department has an Engineering Design and analytical software tools such as MATLAB / SIMULINK with necessary tool boxes for Power System Simulation Lab etc.. A well-equipped conference hall with LCD projector for guest lectures by eminent technologists is available. The students are taken for industrial visits and they undergo in-plant training in reputed organizations.

Apart from the Central Library, the department is provided with a separate library comprising many volumes of books, journals and computer based tutorials.

NEW DWELLING

- Department was accredited by the **National Board of Accreditation(NBA)** and **NAAC** with 'A' grade.
- Three university ranks were won by our students of the PG programme- Power Electronics & Drives.
- Permanent affiliation was given by Anna University for our UG programme -Electrical & Electronics Engineering.

The Department strives to be a centre of excellence in education, training and research generating high quality Engineers for a better tomorrow.

MECHANICAL ENGINEERING

ABOUT THE DEPARTMENT

Department of Mechanical Engineering was started in the year 2004.

- A strong commitment towards dynamic and effective teaching is our forte. Every student has a personal tutor who provides both academic and pastoral support throughout their time in the institution.
- Students experience industry standard software packages such as AutoCAD, Creo, CATIA, SAP, Ansys, MATLAB and LABVIEW.
- Our excellent links with industries help the students to find placements and job opportunities with prestigious companies.
- Entrepreneurship is particularly important to us and our teaching philosophy encourages students to develop their own business ideas.
- Our students are involved in an exciting range of extra-curricular activities.
- Our College is located in Chennai "The Largest Automobile HUB" and is also very close to research centers such as IGCAR, so that students are open to a wide range of opportunities in choosing their final year individual projects in research institutes and industries.

CAREER FOCUSED LEARNING

Most Mechanical Engineering jobs require design experience. Our students gain hands on experience in improving their designing skills by carrying out design and fabrication project with the guidance of our efficient faculty members and fully equipped laboratories such as CAD/CAM, Simulation and analysis laboratory.

A second major area of employment for Mechanical Engineers is manufacturing. We train the students in improvising their manufacturing knowledge and practical skills using our manufacturing technology, strength of materials and fluid mechanics laboratory.

As an automotive engineer, one could solve transportation and safety problems by creating better and more efficient engines. Our mechanical engineering students gain these skills in our well equipped laboratories.

Mechanical Engineering Association conduct the Engineer's knowledge test & Quiz to nurture our students in curricular aspects in our department and our students got selected to the final stage in the national level A-QUEST conducted by the HITACHI.

EXCELLENCE IN EDUCATION

- We provide an academic environment conducive for imparting technical knowledge and hands on experience with perfection.
- We empower our faculty to enhance the process of teaching and learning to achieve excellent results in academic placements.
- We produce qualified, skilled, trained, globally competitive engineers who play a major role in the development of our country.
- We instill research culture among faculty and students by promoting research and development in various engineering disciplines.
- We impart the necessary soft skill to face interviews confidently.
- We continually upgrade the quality of teaching and learning over the years.

CREATING OPPORTUNITY

Mechanical Engineers use their creativity, technical skills, practical abilities and scientific knowledge to design, manufacture and maintain every kind of mechanical device imaginable, from small components, such as precise medical devices to large machinery, cooling systems in nuclear power plants and jet engines in airplanes. Their expertise is essential throughout the research, design, planning, production, testing, installation and maintenance of mechanical devices.

Our Department has signed MoU with industries and we conduct value added courses in different fields which make them skilled in multiple areas, and we regularly conduct guest lectures by inviting scientists and professors from research centres which clears the mist in the minds of our young students and make them aware of recent trends and be updated in Mechanical Engineering field.

Periodic workshops and training programmes in fields like PLC, IC Engines, Robotics, are conducted. Hands on experience on these courses make them skilled.

Mechanical Engineering Department student association organizes conferences, technical symposiums where the students exhibit their knowledge, leadership and creativity.
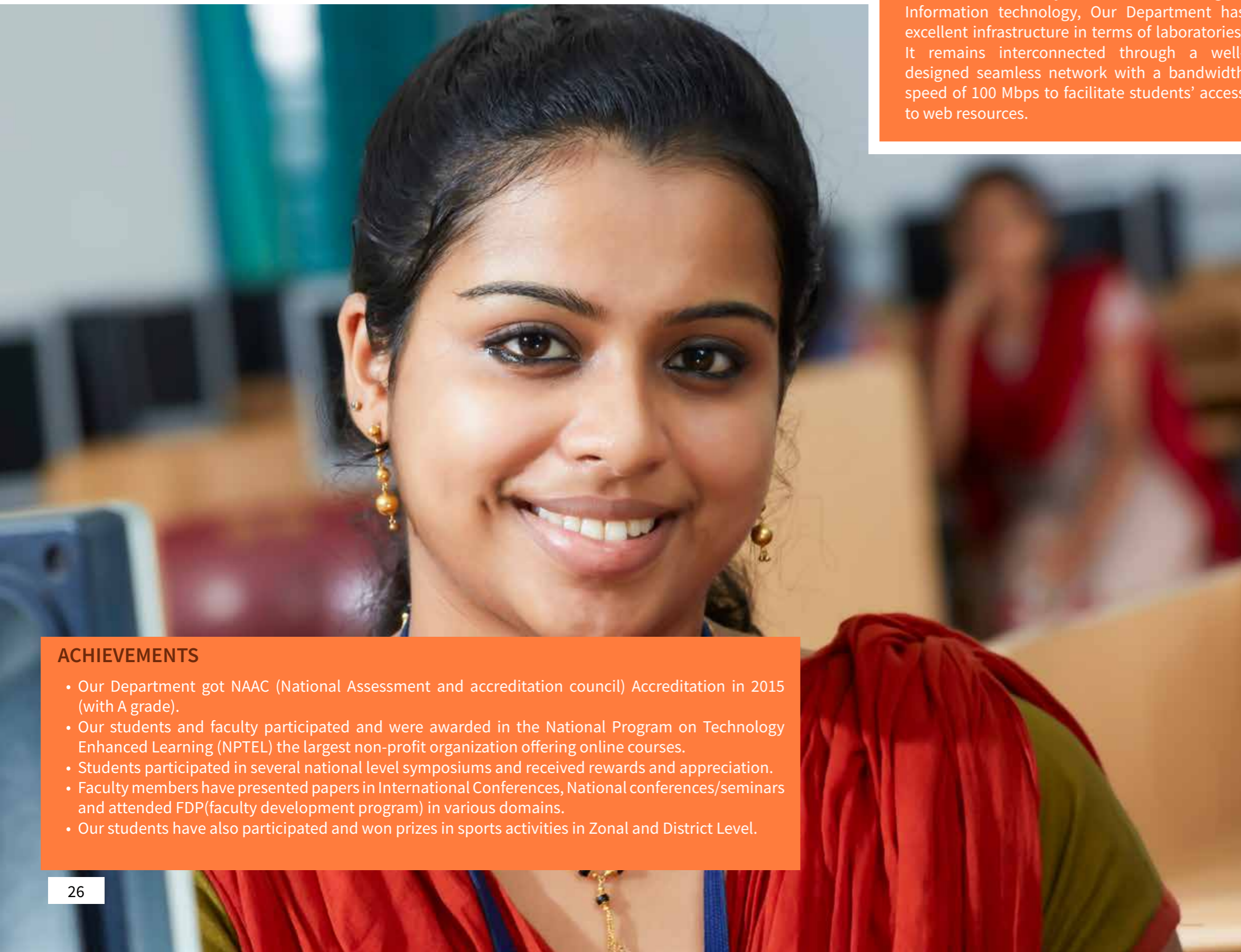
FULFILL YOUR POTENTIAL

The students are provided with the right mix of highest standards of Education and training to empower them. They also develop their technical knowledge and managerial competence. Students are guided from day one throughout their education in DSCET by the counsellors, faculty members, Placement Officers and by the Management.

INFORMATION
TECHNOLOGY

- The Department of Information Technology was incepted in the year 2002 and received permanent affiliation from Anna University, Chennai from the academic year 2014.
- The Department has signed MoUs with Microsoft, Amazon, Kaar Technologies, VMware to equip the students with latest cutting edge technologies.
- Practicals are a major source of learning in Information technology, Our Department has excellent infrastructure in terms of laboratories. It remains interconnected through a well-designed seamless network with a bandwidth speed of 100 Mbps to facilitate students' access to web resources.
- To help students to Engage in life-long learning, and make to remain updated in their profession and obtain additional qualifications to enhance the career positions in IT industries.
- The students are offered Value Addition Courses such as Oracle, Big Data, IOT, Cloud computing, Oracle JAVA Fundamental and Cyber Security.
- With the co-operation and involvement of the dedicated team of well-qualified faculty members, the department constantly strives to improve academic standards.
- Our Department has well equipped laboratory facilities and the emerging new laboratory in are Cloud computing laboratory, Big data laboratory, Mobile application Development Lab, Web programming Lab etc.

CAREER FOCUSED LEARNING

Several IT companies in India and abroad hire our well-qualified and skilled IT professionals. Application of Information Technology can be used in many sectors, including banking, business, health and medicine, railways, agriculture, forensic science and education.

Information Technology – Develops and manages information systems that supports a business or organization.

Software Engineering – Develops methods for the production of software systems on time, within budget, and with few or no defects.

Operating Systems and Networks – Develop the basic software computers to supervise themselves or to communicate with other computers.

Software Applications – Apply computing and technology to solve problems outside the computer field – in education or medicine.

Internet of Things – Applying IoT in the support software that connects edge hardware, access points, and data networks to other parts of the value chain.

LAB FACILITIES

- The department of Information Technology has the latest configured hardware devices. The laboratories are well equipped in the specialized areas.
- The laboratories are enriched with all state of art equipments and License software to fulfill the needs of UG students as well as R&D and consultancy works.
- Our Technical staff are well qualified and offer support in terms of IT infrastructure and services. There are 70 computer systems connected by LAN.

ACHIEVEMENTS

- Our Department got NAAC (National Assessment and accreditation council) Accreditation in 2015 (with A grade).
- Our students and faculty participated and were awarded in the National Program on Technology Enhanced Learning (NPTEL) the largest non-profit organization offering online courses.
- Students participated in several national level symposiums and received rewards and appreciation.
- Faculty members have presented papers in International Conferences, National conferences/seminars and attended FDP(faculty development program) in various domains.
- Our students have also participated and won prizes in sports activities in Zonal and District Level.

FOOD
TECHNOLOGY

ABOUT THE DEPARTMENT

B.Tech Food Technology department was established in the year 2019, affiliated to Anna university and approved by AICTE. Food Technology branch deals with the techniques involved in production, processing, preservation, packaging, labeling, quality management, and distribution of food products. It provides in depth knowledge of the fields like food processing, food packaging, nutrition, storage etc. The field also involves techniques and processes that are used to transform raw materials into food.

There are plenty of opportunities for students who wish to pursue a course in food technology. Graduates or postgraduates in this course can seek jobs in different domains such as restaurants, catering establishments, hospitals, food processing companies, etc.. Any person who pursues this course gets theprivilege of being known as food scientist or food technocrat.

The department of food technology is one of the growing departments in the college. The department has highly qualified and experienced faculty and the department is engaged in teaching and research in the areas of food technology. The laboratories are well equipped and run round the clock. This course is a technological degree, focusing not only on the technological, computational and the mathematical aspects of the field, but also industrial process involved. it is a bridge between food science, health aspects and engineering.

The department is also intended to provide technical support to farmers and entrepreneurs to establish small scale industries. food science and technology is a multidisciplinary course which includes subjects on processing, preservation, chemistry, quality, safety and marketing aspects of food and food products.

SCOPE FOR FOOD TECHNOLOGY

- As organic chemists, food technologists advise on the methods by which the raw materials have to be converted into processed food.
- As biochemists, they suggest improvements in flavour, texture, storage, and quality.
- As home economists, they become experts in dietetics and nutrition and they test the food and recipes according to the directions on the containers.
- As engineers, they are required for planning, designing, improving and maintaining the processing systems.
- As research scientists, they carry out experiments regarding improvement in yield, flavour, nutritive value and general acceptability of the packaged food.

MASTER OF
BUSINESS ADMINISTRATION

POST GRADUATE PROGRAMME IN MANAGEMENT

Master of Business Administration is a master's level programme in post graduation intended to enhance students to become entrepreneurs. The conceptual and analytical reasoning in the program ensures to instill confidence in the students to explore into the dynamics of business. MBA was started in the year 2007 and the department is running successfully.

Our department is located in a natural environment in the midst of greenery and sea beach which is a peaceful environment for studies. You can enjoy studying one with the nature and carry memories of college days for ever. The lectures are delivered by the staff who are deeply involved in world class research and are updated with the latest academic environment.Our graduates have high recognition and are placed in multinational corporations.

FOCUS AREAS

- Develops the student's decision making skills, analytical and problem solving capabilities.
- Strengthens the student's communication skills.
- Grooms a positive and confidence outlook in the students.
- Ensures self development of every individual student.

PROGRAM DESIGN

The essential functional areas of the business are covered as the foundation subject for the first year students. In the second year we give emphasis on dual elective course. The students are given a vast choice of electives as per their areas of interest. A summer project in the second semester and a main project is given to the students in the final semester. The students involve directly into, on the job training which gives them a real time experience in the corporate companies.

SPECIALIZED AREAS

- HR & Marketing
- HR & Finance
- Finance & Marketing

CREATING OPPORTUNITY

We have membership with **All India Management Association** and **Madras Management Association** through which the students are exposed to the business society. We have an annual subscription of economic times and business line newspapers for the students. Two hours a week is allotted for news hour, were different news events are shared among the students with the faculty observation.

Professionally placed Alumini students are invited to share their experiences. This is a thought provoking method of sharing the real time experience which gives an opportunity in career guidance.

AMBITIOUS LEARNING

Human resource is considered to be the top most which can give competitive edge to the organizations in the 21st century.

Learning is a lifelong process for every human being especially in academia. To focus on career our department is the right choice.

MASTER OF COMPUTER APPLICATION

ACHEIVEMENTS

- The Department of MCA got NAAC (National Assessment and accreditation council) Accreditation in 2015 (with "A" grade).
- Faculty members have presented papers in International Conferences, National conferences/seminars and attended FDP(faculty development program) in various domains.
- Our students have also participated and won prizes in sports activities in Zonal and District Level.

SALIENT FEATURES

- Theory and Practical courses are embedded for better understanding.
- Industry experts participation in board of studies.
- MoU with IT industries for placement with free academic projects and corporate training and industrial visits are regularly arranged.
- Conferences, Workshops and Seminars are Organized regularly.
- More Credits given for project work in the curriculum to make the students employable.

ABOUT THE DEPARTMENT

- The Department of Master of Computer Application was established in 2007 with an intake of 60 students. It offers a three year regular and two year lateral entry MCA program.
- Our Department has well equipped laboratory facilities in addition to emerging new laboratories like Cloud computing laboratory, Big data laboratory, Mobile application Development lab, Web programming Lab, Web Application Development lab.
- The curriculum of MCA is designed to meet the Industry needs.
- The Department of MCA provide right ambience and opportunities for the MCA students to make them more efficient, creative, talented and globally competent professionals.
- The department library offers access to NPTEL videos through url.
- MCA Students are being consistently encouraged to perform self learning related activities through mini project works and student seminars.

CREATING OPPORTUNITY

The Department strives to mould competitive and innovative MCA professionals to contribute world technology for the sustainable development of the society. Continuous Training & Development with dedicated team, Well planned infrastructure and student facilities increases the learning experience which makes the college best in this region.

WHY TO CHOOSE MCA

Many graduates begin their carrier at a junior level but are not in a position to map their job with expert technical skills obtained from a usual programme.

The specialized program would enhance the exposure to variety of rules and responsibilities they can take up in any areas of expertise. For eg, In the area of software development they could take up responsibilities in areas of database, product development, product maintenance and support in addition to management activities.

Enabling entreprenuership is also the need of the hour and students intrested to be on their own could leverage from the newly designed focused programme for entreprenuers.

It will build right platform for students to become successful software professional. This would emphasize on domain knowledge of various areas.

An MCA graduate can work for any IT company as a system developer, software programmer, software developer, system analyst and software consultant.
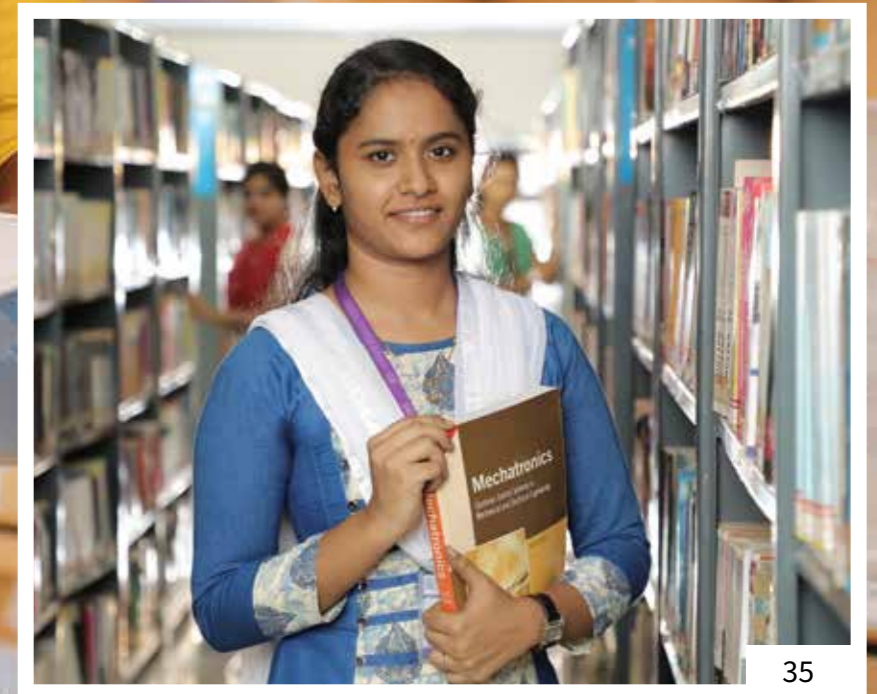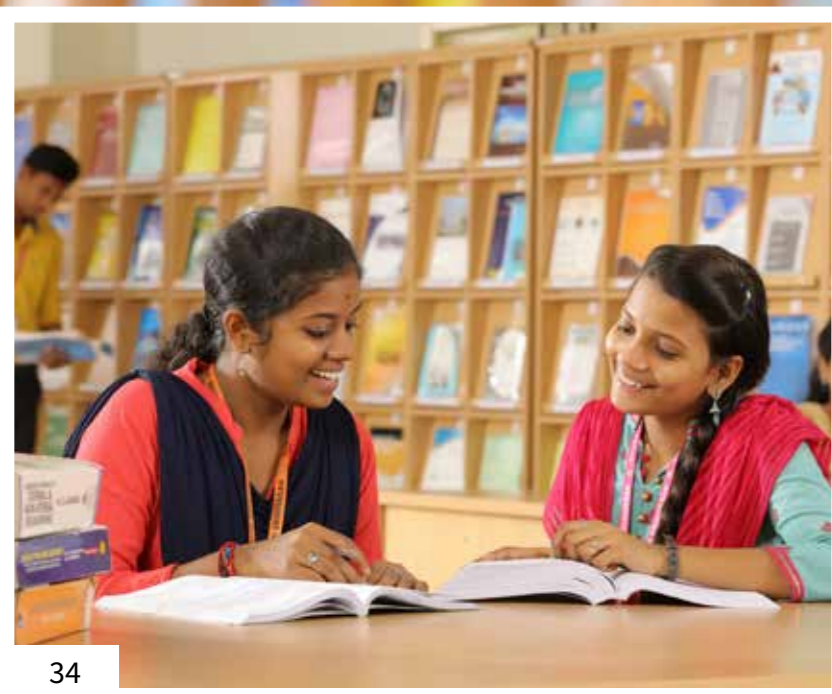
LIBRARY

The Library is a strategic asset of the College which provides intellectual knowledge, professionalism, constant renewal and innovation. It is centrally air-conditioned and partially computerised catering to the needs of the students and the members of the faculty. The library provides a quiet and dignified ambience for study and reference.

The library contains 20208 Titles, 41720 volumes of books on a wide range of subjects. The library subscribes to 198 periodicals inclusive of 99 National journals, 99 International Journals and 32 magazines.

The NIRMALS software aids in computerized issual, return and search of books.The library has a computerized catalogue, which provides online access to the users. It is helpful to the users to search the documents by way of Author, Title, Subject, Keyword, Publishers etc. The mode of catalogue is OPAC – Online Public Access Catalogue. The circulation system is fully computerized and all the books are Bar-coded. AS8150 scanner is used for charging and discharging of books.

The digital library is provisioned with 20 systems connected by internet.There are about 1000 text books available in the book bank Section. The SC/ST Students are eligible to borrow 3 Books from the Book Bank Section, which they can return at the end of the semester .In addition, they are eligible to borrow two Books from the central collection.

The Library is connected to DELNET(Developing Library Network),New Delhi which enables the students to access database from 255 institutions in India and abroad and is also a member of the IEEE,the World's largest Technical Proffessional organization.

TRAINING & PLACEMENT

ABOUT HRDC

The Department of HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC) interacts with reputed organizations all over the country for arranging campus interviews for the placement of final year students. We have the State-of-the-art Placement Cell infrastructure which comprises of Auditorium, GD Panel rooms, Closed Interview Panels and Conference Hall. The entire facility is designed keeping in mind to ensure that both students and the recruiters have a comfortable recruitment experience.THE HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC) has been established to contribute directly to the growth of the student. Right from its inception, it is continuously focused on the uplift of human resource under 4 wide areas like:
- Higher Education Cell
- Industry Institution Interaction Cell
- Training and placement cell
- Entrepreneur Development Cell

OBJECTIVES AND GOALS

Aiming to place the maximum number of students through On campus & Off-campus Drives.
- To prepare students for campus recruitment drives by giving Internal training in various topics like Aptitude, Verbal Ability, Reasoning, Group discussions and Resume preparation.
- Organizing Mock Interview, Weekly Aptitude Test & Group Discussion for final year & pre final year students.
- To act as an Interface between Industries and Institution.
- To prepare student database based on companies eligibility criteria.
- Arranging guest lecturers by inviting Eminent Personalities from Industry for carrier counseling programs.
- To create MOUs with Reputed Organizations towards Training and Placement activities.
- Visiting the Companies periodically to meet the HR's for inviting them for campus recruitment drives.
- To motivate students aspire for higher studies and guiding them for Preparatory Examinations.
- To motivate the students who aspire to become Entrepreneur.

SPORTS

As the saying goes, Our college rightly nurtures sportsmanship and encourages sportsperson who inspire and motivate by the values of hard work and perseverance.

Students are encouraged to participate in various zonal and inter-zonal tournaments and are provided with various sports kits and equipments. They participate in inter collegiate and inter University matches.

Sports week is celebrated every year with various sports events like Long Jump, Volleyball, Table Tennis, Cricket, Chess, and Carom etc. The sports ground is facilitated with a cricket ground, Running track, volley ball track, football ground and a basketball ground.

Students regularly take part in inter-zonal competitions such as Kabadi, Volley ball, Hand ball, Foot ball ,Hockey, Badminton, kho-kho, Athletics and bring laurels to our Institution.

To monitor all sport activities, well-qualified Physical Education Directors are appointed. The institute also has a well-equipped gym facility for the students to maintain their fitness.

YOGA

PHYSICAL BENEFITS

"The relaxation techniques incorporated in yoga can lessen chronic pain, such as lower back pain, arthritis, headaches and carpal tunnel syndrome," explains Dr. Nevins.

Physical benefits of yoga include:

- Increased flexibility
- Increased muscle strength and tone
- Improved respiration, energy and vitality
- Maintaining a balanced metabolism
- Weight reduction
- Cardio and circulatory health
- Improved athletic performance
- Protection from injury

MENTAL BENEFITS

Apart from the physical benefits, one of the best benefits of yoga is how it helps a person manage stress, which is known to have devastating effects on the body and mind. "Stress can reveal itself in many ways, including back or neck pain, sleeping

" *Yoga can also lower blood pressure and reduce insomnia* "

problems, headaches, drug abuse, and an inability to concentrate," says Dr. Nevins. "Yoga can be very effective in developing coping skills and reaching a more positive outlook on life."

Yoga's incorporation of meditation and breathing can help improve a person's mental well-being. "Regular yoga practice creates mental clarity and calmness; increases body awareness; relieves chronic stress patterns; relaxes the mind; centers attention; and sharpens concentration," says Dr. Nevins. Body- and self-awareness are particularly beneficial, she adds, "because they can help with early detection of physical problems and allow for early preventive action."

CULTURALS

College days are the best days of our life, during which a student learns new things and comes across several experiences. College festivals offer a chance to do all this and much more to a fresher who is willing to hop on to the festival bandwagon. It insists the importance of originality and individuality that are the most vital aspects of engineering.

We keep organizing college festivals every year. Firstly, it helps to unifiy students from various places. It signifies the need to Work together for Success. Technical festivals implant the responsibility of every person in the team. Each student has his/her own interests according to which they are assigned tasks. Secondly, these festivals promote creative ideas and provide a platform for scholars to share their knowledge. It aims to inspire the students to think innovatively, develop and come out as a pioneer in implementing. Thirdly, attending these festivals gives knowledge on the different streams of study namely Sports events, music, dance, quizzes and seminars are the integral part.

The establishment of any event of this kind tests the organizational and leadership abilities of all the folks involved. Many invaluable lessons on time management and even more important lessons on people management are taught and we have to learn them quickly if the festival is to succeed.

HOSTEL

A HOME AWAY FROM HOME

Hostel facility is available for boys and girls separately in a safe and conducive environment. Hostel provides comfortable housing to the students who stay away from their home and gives them a feel-at-home experience.

The hostel witnesses a very well-structured infrastructure and a warden-in-charge. There are spacious fully furnished rooms on sharing basis. Healthy and sumptuous food is provided at subsidized rates.24x7 CCTV coverage ,Security guards surveillance, power back ups ensure utmost security for all the students. Students are also encouraged to use the gymnasium, playground and other indoor gaming facilities.

Daily attendance is mandatory for all the students and students are instructed to sign in and sign out whenever they go out from the hostel. Gate pass is issued to monitor the movement of students. These measures ensure a safe and strict atmosphere in the hostel.

Students are nurtured to be strong ,independent individuals by following a strict and scheduled routine that provides them amble time for study ,recreation and spirituality.

CANTEEN

KARTHIKEYAN .P
3RD
B. E AERO
2007 - 2011

RAVEENDAR S
5TH
B. E AERO
2007 - 2011

MOHAMED SHAAD K
18TH
B. E AERO
2007 - 2011

KARTHIKEYAN .P
23RD
B. E AERO
2007 - 2011

SIMON THOMAS
42ND
M.E
2012 - 2014

SUJATHA S
49TH
M.E
2012 - 2014

DEIVA SARASWATHY K V M
42ND
B.E
2011 - 2015

KUMARI DEEPIKA P
50TH
M.E
2011 - 2013

SHALINI B
26TH
B. E AERO
2007 - 2011

MAHESH
5TH
B. E AERO
2008 - 2012

YAMINI SUNDHARI
7TH
B. E AERO
2008 - 2012

YOGESHWARAN
10TH
B. E AERO
2008 - 2012

SUSAN MANO DERRY V
32ND
M.E COMMUNICATION SYSTEM
2013 - 2015

JENIFA T
19TH
M.E COMMUNICATION SYSTEM
20132 - 2014

RAMYA SREE R S
33RD
M.E COMMUNICATION SYSTEM
2011 - 2013

HEMALATHA R
22ND
M.E COMMUNICATION SYSTEM
2011 - 2013

RUBELLA E
14TH
B. E AERO
2008 - 2012

SATHISH
26TH
B. E AERO
2008 - 2012

SUNILKANTH L S
14TH
B. E AERO
2009 - 2013

AMITHA G K
19TH
B. E AERO
2009 - 2013

YOGAPRIYA P
25TH
M.E COMMUNICATION SYSTEMS
2011 - 2013

MONICA ROSILINE X
30TH
EEE DEPARTMENT
2013 - 2015

RAMACHANDRAN M
38TH
EEE DEPARTMENT
2012 - 2014

RAJALAKSHMI D
49TH
EEE DEPARTMENT
2012- 2014

AKITHA A
1ST
B. E AERO
2009 - 2013

VAITHEESWARI J
3RD
B. E AERO
2010 - 2014

ABDHUL KHADER G
22ND
B. E AERO
2010 - 2014

ARUN PRASANTH
3RD
B. E AERO
2010 - 2014

JAYASHREE E S
36TH
EEE DEPARTMENT
2013 - 2015

SAGAYA MARIYA VIRGIN V
50TH
IT DEPARTMENT
2009 - 2013

NEENU AUGUSTINE
1ST
MCA DEPARTMENT
2010 - 2013

MAHALAKSHMI
21ST
B. E AERO
2013 - 2016

NSS ACTIVITIES

FACULTY DEVELOPMENT PROGRAM ON TEACHING TECHNIQUES

CULTURAL DAY CELEBRATION

INDEPENDENCE DAY

SPORTS ACTIVITIES DISTRICT LEVEL GAMES

INTERNATIONAL CONFERENCE on AERONAUTICAL ENGINEERING

DMAT EXAM MERIT SCHOLARSHIP STUDENTS

PLACEMENT ACTIVITIES

B.E. AERONAUTICAL ENGINEERING

B.E. ELECTRICAL AND ELECTRONICS ENGINEERING

B.E. CIVIL ENGINEERING

B.E. MECHANICAL ENGINEERING

B.E. COMPUTER SCIENCE AND ENGINEERING

B.TECH INFORMATION TECHNOLOGY

B.E. ELECTRONICS & COMMUNICATION ENGINEERING

MBA