St. Xavier’s Catholic College of Engineering

Chunkankadai, Nagercoil - 629 003,
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Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with ‘A’ Grade by NAAC
UG Programs EEE, ECE & MECH Accredited by MBA (Tier II, 2018-2019 to 2020-2021)
Recognized under section 2(f) & 12(B) of UGC Act, 1956
All UG, MBA & MCA Programs Permanently Affiliated

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St. Xavier’s Catholic College of Engineering (SXCCE) is owned, administered and run by the Roman Catholic Diocese of Kuzhithurai. Started in 1998, it vibrates with the vision of ‘Creating a Technically Empowered Humane Society’ by offering cutting edge technical and managerial education to the rural youth of Tamil Nadu and beyond.

SXCCE has six undergraduate and twelve postgraduate Programs, besides seven University recognized research departments. All the Programs are approved by All India Council for Technical Education (AICTE). All the UG, MBA and MCA programs have permanent affiliation of the Anna University, Chennai. Accreditations by NAAC and NBA are the testimony for the quality higher educational service of the college. NAAC accredited the college with grade “A” on 12-09-2017. NBA accredited the UG programs EEE, ECE and ME under tier-II category for the validity period from 2018-2019 to 2020-2021. The college is recognized under 2(I) and 12(B) of the UGC act 1956 from 08-06-2018. Efforts are on to make all the programs accredited by NBA. The college has all the requisite infrastructural facilities as per the stipulation of the government to impart technical education of the highest standard. All the departments have updated and well equipped laboratories.

SXCCE is passionately committed to impart excellent technical knowledge and utmost care is also taken to instill into the young minds a wider perspective of social and spiritual values, thereby enlightening them to become committed nation builders and exemplary citizens.

SXCCE is located at the lap of the Western Ghats at Chunakkadai in Kanyakumari District of Tamil Nadu, overlooking the Nagercoil-Thiruvananthapuram National Highway (NH 47). Lush green paddy fields and plantain farms spread their arms around the college and gentle breeze caresses it.

About College

The Mission

To transform the (rural) youth into top class professionals and technocrats willing to serve local and global society with ethical integrity, by providing vibrant academic experience of learning, research and innovation and stimulating opportunities to develop personal maturity and professional skills, with inspiring and high caliber faculty in a quality and serene infrastructural environment.

The Vision

To be an institution of eminence of optimal human development, excellent engineering education and pioneering research towards developing a technically-empowered humane society.

The Quality Policy

Attaining global eminence, by achieving excellence in all that we do, in life, education and service.
Accreditations & Major Recognitions

Accredited with 'A' grade by National Assessment and Accreditation Council (NAAC)
- Recognized under section 2(f) & 12(B) of UGC Act, 1956

Accredited by National Board of Accreditation (NBA) for UG Programs EEE, ECE & ME
- Tier II, 2018-2019 to 2020-2021
- All UG, MBA & MCA Programs Permanently Affiliated

Courses Offered

UG Courses
- B.E. - Computer Science and Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electrical and Electronics Engineering
- B.E. - Civil Engineering
- B.Tech. - Information Technology
- B.E. - Mechanical Engineering

Research Programs (Ph.D./M.S.)
- Mechanical Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Computer Science and Engineering
- Civil Engineering
- Computer Applications
- Physics

PG Courses
- M.E. - Applied Electronics
- M.E. - Construction Engineering and Management
- M.E. - Energy Engineering
- M.E. - Computer Science and Engineering
- M.E. - Communication Systems
- M.E. - Power Electronics and Drives
- M.E. - Medical Electronics
- M.E. - Structural Engineering
- MBA - Master of Business Administration
- MCA - Master of Computer Applications

Eligibility
- As per norms of Government of Tamil Nadu

Objectives

- To transform our students into fully-functioning human persons and empowering leaders with autonomy and passion for continuous self-learning
- To equip them with contemporary scientific and technical knowledge with student centered teaching methods
- To animate them into pioneering researchers and investors
- To train them to excel with cutting edge technical, entrepreneurial and managerial skills for a successful career
- To expose them to challenging opportunities of self-discovery and to commit themselves to lead a value-based life of humane service
- To recruit faculty members who inspire the students with their passion for knowledge and transmit knowledge to the students by student centered creative and innovative teaching and learning methods, lead them by example in high-end researchers, and edify the students with their life of integrity and ethics
- To provide standard infrastructure, serene and stimulating environment that is most conducive to learning
- To develop avenues of continuous and responsive collaboration with stakeholders for the optimal development of the students and institution

Slogan
Towards a technically-empowered humane society

Values

Excellence that leads to eminence
Genuineness that leads to authenticity
Transparency that leads to credibility
Person centeredness that leads to family-ness
Appreciation that leads to high motivation
Altruism that leads to humane service
Critical thinking that leads to scientific approach
Fidelity that leads to responsibility
Knowledge that leads to wisdom
Innovative research that leads to inventions
Hardwork that leads to achievements
Eco friendliness that leads to protection of nature
Aesthetic campus that leads to serene environment
Fiscal discipline that leads to economic sustainability
Feedback that leads to responsivity
Spirituality that leads to committed service
Dr. J. Maheswaran, Principal of St. Xavier's Catholic College of Engineering completed his B.E. in Civil Engineering from Alagappa Chettiar College of Engineering, Karaikudi, M.E. Structural Engineering from Thiagarajar College of Engineering, Madurai and Ph.D. from Manonmaniam Sundaranar University, Tirunelveli. He has 33 years of Teaching and Administrative experience in reputed Institutions, out of which 11 years exclusively as Principal. He is the recipient of Eminent Engineer Award, Best Academic Administrator Award, Life Time Achievement Award for Excellent Services in Academics of Civil Engineering. He served as a member in the Board of Studies of faculty of Civil Engineering, Anna University, Chennai for 2 tenures, Anna University of Technology, Tirunelveli and PSR Engineering College, Sivakasi. He also served as a member in the Academic Council and NSS Advisory Cell of Anna University of Technology, Tirunelveli and Sports Board of Anna University, Chennai. He published 8 papers in Journals and 32 papers in Conferences. He acted as a Doctoral committee member for 14 Ph.D. scholars of Anna University. He bagged State level First Rank in Tamil in S.S.L.C. Examination.

Rev. Fr. S. Jesu Retnam is the Vicar General of the R.C. Diocese of Kuzhithurai. He pursued his studies in Philosophy and Theology at St.Paul's Seminary, Trichy. He was ordained in 1977. He has served as Vicar Forane of Mulagumoodu circle. He has held many posts like Coordinator of Commissions and Priests Personal Board Director. He has served in many positions as Director of Diocesan Catechism, Don Bosco Youth Centre Director, etc., and nurtured many young minds and priests. He has vast experience as Parish Priest in many parishes. He is very humble and easily approachable.

Rev. Fr. Dr. Maria William, the Correspondent of the College, belonging to the Diocese of Kuzhithurai, is engaged in pastoral and educational ministry since his ordination in 1988. He finished Ph.D. in Developmental Psychology from the University of the Philippines, Diliman, Manila. Besides his pastoral ministry in several parishes and service as correspondent of different schools, he also serves as a psychological counselor and trainer. He has authored two books and many articles. He has served Catholic Priests Conference of India(CPCI) as the secretary. He was the co-correspondent of St.Xavier’s Catholic College of Nursing and was teaching Psychology there.

Rev. Fr. M. Francis Xavier, the Bursar of the College, is a Catholic Priest belonging to the R.C. Diocese of Kuzhithurai. He pursued his studies in Philosophy at Vijayananilayam Degree College, Eluru, AP and Theology at the St.Peter Pontifical Seminary, Bangalore. He was ordained a priest in 2016 and has been engaged in pastoral ministry and educational services. He enjoys meeting people and renders services according to the needs of the individuals and groups.

Most. Rev. Jerome Dhas Varuel, SDB
Chairman & Bishop, R.C. Diocese of Kuzhithurai

Bishop Jerome Dhas Varuel, SDB was born in Paduvoor, a small village in KK district on 21 October 1951. He studied philosophy at Sacred Heart Seminary in Poonaamallee. He also obtained a bachelor’s degree in Economics from Arulananandar College, Karumathur, Madurai. He studied Theology at the Salesian Pontifical University in Rome. He was ordained priest by Pope John Paul II on 2 June 1985. He is a Licentiate in Pedagogy, qualified and trained by the Salesian Pontifical University in Rome. On 22 December 2014, Pope Francis appointed him the first bishop of the newly-erected Diocese of Kuzhithurai, which was bifurcated from the Diocese of Kottar. He is very soft spoken and known for his simplicity.

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Correspondent

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Vicar General, R.C. Diocese of Kuzhithurai
President, Governing council

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The Department of Electronics and Communications Engineering was established in the year 1998 with the aim of developing technically competent Electronics and Communications Engineers. The department offers B.E. Electronics and Communications Engineering, M.E. Applied Electronics, M.E. Communication Systems, M.E. Medical Electronics and Ph.D. in Information and Communication. The department has been accredited by the National Board of Accreditation (NBA), New Delhi.

The Department has well qualified and inspiring faculty members who develop advanced professionalism and exceptional career growth of students. The department has three Professors, three Associate Professors and twenty two Assistant Professors. The department has well equipped laboratories which include Electronics Lab, Linear Integrated Circuits Lab, VLSI Lab, Microprocessor Lab, Embedded Lab and PG Lab. The classrooms are equipped with ICT facilities.

The Department of Computer Science and Engineering was established in the year 1998 with the program B.E. Computer Science and Engineering. The student intake was increased from 40 to 60 in 1999, again increased to 90 in 2001 and increased to 120 in 2007. M.E. Computer Science and Engineering program was introduced in 2010 and its intake was increased from 18 to 24 in 2013. The department has been permanently affiliated by Anna University since 2014.

This department is energized by 21 faculty members with post graduate qualifications including 4 doctorate and 5 supporting staff members with 100% retention ratio. Dedicated faculty members and availability of latest licensed software provide stimulating atmosphere for the students to excel in all aspects of academic research and to enhance their general skills in logical and analytical understanding.
Electrical and Electronics Engineering

Established in the year 1998, the Department of Electrical and Electronics Engineering department has been functioning effectively making commendable contribution towards teaching and learning. The department offers B.E. Program in Electrical and Electronics Engineering, M.E. program in Power Electronics and Drives and Ph.D. in Faculty of Electrical Engineering. The department has been accredited by the National Board of Accreditation (NBA), New Delhi [Tier II, 2018-2019 to 2020-2021].

The Department has well qualified, experienced and dedicated faculty members including two Professors, two Associate Professors and fourteen Assistant Professors. The department has well equipped laboratories which include Electrical Machines Lab, Control and Instrumentation Lab, Power Electronics Lab, Electrical Workshop, Project Lab, Research Lab and Simulation Lab. The classrooms are equipped with ICT facilities to engage the students in an interactive way. The department has its own library with around 980 technical books/titles. The computer Laboratories in the department have been connected with 160 Mbps Internet facilities.

The association of the department namely, Society of Electrical Engineers (SEE) organises conferences, seminars, workshops and symposia in association with professional bodies like IEEE, IET, IEI and Ensav Club. Many of our faculty members and students are active members of these professional bodies. Placement training and Internship programmes are also arranged through this Association.

Anna University Chennai has approved the department as Research Center for pursuing M.S. and Ph.D. Programmes. Faculty members of this department have published articles in reputed journals including IEEE transactions, Elsevier, Taylor and Francis and Springer. The publication areas include Renewable Energy, Power Electronics, Smart Sensors and Electrical Drives. Besides five patents filed, the faculty has applied for funded projects in reputed organisations. The faculty members of this department are guiding research scholars in the areas of Renewable Energy, Control & Instrumentation, Power Electronics, and Electrical Drives.

Civil Engineering

The Department of Civil Engineering was established in the year of 1999, one year after the inception of the college, in order to meet the growing needs of the construction industries and other fields pertaining to civil engineering. Intellectual, experienced and well qualified faculty members are the backbone of the department.

The department has well equipped laboratories with modern instruments, and advanced licensed software including Primavera, MS- project, Staad pro, E-Tabs, ANSYS, Lab view and MATLAB to take up real time projects and research activities.

In order to enhance the research activities and students' innovative projects, Structural Engineering laboratory was commissioned in the year 2016. The department started two PG programs, namely Construction Engineering and Management and Structural Engineering in 2006 and 2013 respectively. To the fame of the department, research center was established in the year 2017. Totally nine candidates are pursuing their Ph.D. in various fields including aerated concrete, geopolymer concrete, light weight concrete, and seismic performances of structures. A consultancy cell has been functioning well from the year of 2004. It is producing the results of strength and serviceability of the building materials submitted by the industries and other institutions. It is also offering services like plans, estimations and designs of structures.

REACH, a technical association of Civil Department, conducts many technical events and other curricular and co-curricular activities every year in order to encourage the students to portray their talents and to make them competent. The association organized an international conference, ICASMÉ'19 last year. A civil engineering association, called FACEAT was inaugurated in 2019-'20 to strengthen the social commitment of students. Special coaching classes are conducted for GATE, UPSC and other competitive exam aspirants. Civil engineering department faculty is always there to motivate the students toward achievements. In response, students perform excellently and bring laurels to the college. Last year, one of our PG students obtained patent rights for her invention, drafting apparatus.
Information Technology

The Department of Information Technology was started in the year of 2001 with the intake of 60 students. The Department works with the objective of creating top-notch IT professionals to address the challenges faced by the industry and society. The department has laboratories furnished with systems of latest configurations to improve the analytical and practical skills of the students. The department has experienced and committed faculty members to impart quality education, project guidance, personality development and mentoring. The department ensures that students are up-to-date with the latest technologies through innovative teaching learning processes, MOOC courses, enrichment and value added programs. Our students are consistently excelling in their placement process with the reputed companies. The department provides the platform for their overall development in sports, cultural, curricular, technical & regular academics.

Salient Features

- Experienced and Dedicated faculty with 4 Ph.D. holders and 6 pursuing Ph.D.
- Well-equipped air-conditioned laboratories with latest configuration.
- Spacious classrooms equipped with wall mounted LCD Projectors.
- Excellent amenities for MOOC courses and NPTEL online courses.
- Personal mentoring for each student.
- Opportunities to join international professional bodies like IEEE, IET and CSI.
- Dedicated training and placement activities to improve the employability skills.

The department technical association “BRIGITZ” regularly organizes technical gatherings and events like symposia, conference and faculty development programs, workshops, seminars, value-added courses and enrichment programs. Recently, the department organized one week Anna University sponsored FDTP on Big Data Analytics and an International Conference on Computational Intelligence and Theoretical Sciences (CCITS-2020).

Regular industrial visits, internship programs and educational tours are arranged to enrich the students with practical exposure to the latest technical expectations of the industry. Students are encouraged to undertake projects on latest research areas to meet the needs of industry. Recently, one of our student project titled “Secure Network using Honeypot” is selected for the Smart India Hackathon 2020 finals.

Mechanical Engineering

The B.E. degree program in Mechanical Engineering was established in the year 2003 and M.E. in Energy Engineering in 2011. The Department has been recognized as research center by Anna University and fifteen research scholars from this department have been awarded with doctoral degree and currently 27 scholars are on research works pursuing Ph.D. degree. The department is accredited with NBA for its UG Program. Our faculty members including nine members with doctoral degree from prestigious universities are intensively involved in research to gain and provide conceptual understanding with the empirical back up.

In order to make our students industry-ready, cutting edge technologies are imparted through special workshops for personality development and software skills such as SOLIDWORKS, TURBO C++, ANSYS, MATLAB, EdgeCAM, LABVIEW and AutoCAD.

The technical association of the department, MEGX is incessantly organizing special lecturers, seminars, workshops, conferences, etc., to keep in track with the up-and-coming trends. The other professional bodies such as Society of Automotive Engineers (SAE India) and Indian Society of Heating Refrigerating and Air-Conditioning Engineers (ISHRAE) provide excellent opportunities for the students to interact with professionals and industry leaders for innovative research. The traditional human values are inculcated into the students through their active participation in community developed programs organized through association.

Dr. J. Annrose
Head, Department of Information Technology

Dr. S. Julyes Jaisingh
Head, Department of Mechanical Engineering
The Master of Business Administration Programme (two years full time course) is designed to give students the best industry exposure and broad knowledge about core management areas. The department focuses on management education more than Business Management. In response to the rapidly changing economic environment and the globalized business, the department has made sustained efforts to impart quality education to meet the needs of corporate techno world. We endeavor to transform the young professionals into tomorrow’s world class managers. The emphasis of MBA at SXCCCE is to nurture leaders who dare to unlearn and relearn in the dynamic world of business. To mould the students into competent managers, we provide various activities like Soft Skill Development, Social Projects, Industrial Visits, and Group Discussions and also they are trained in various software like TALLY, ERP, SAP, SPSS and so on. The department has also been at the forefront of industry interaction involving the students for a range of projects.

Management Association
XMA (Xavier’s Management Association) is the department association that organizes co-curricular programmes like guest lectures by industry experts, seminars, workshops and national level management fest XIBITA.
To enhance the managerial skills, we installed the professional management apex body All India Management Association (AIMA) associated with Trivandrum Management Association (TMA) Student branch at our campus on 12th October, 2019. Our students received TMA-KIMS Best Paper Presentation Award 2020 with a cash prize of worth Rs.10000 on 5th February, 2020.
Our faculty members are exceptionally dedicated set of teachers who have not only exceptional academic credentials but also the right balances of industrial exposure.
Computer Applications

Dr. Reena Rose
Head, Department of Master of Computer Applications

Computer science education opens multiple opportunities for its graduates across many diverse areas. The department of Computer Applications was established in the year 2009 with the aim to offer a degree (MCA) that is specifically designed to address the challenges of the present and future workplace. The department has a set of well experienced, highly qualified, and dedicated staff members who are oriented towards research. The department has good infrastructural facilities and is equipped with full-fledged laboratories. The department is recognized as research centre by Anna University, Chennai and it is functioning effectively with four research supervisors.

In order to enhance the students’ computing, analytical and problem solving skills, every student is provided with an individual system during lab hours and also with any-time access to internet. The department has an association named as “Xavier’s Association of Computer Applications (XACA)” to develop and showcase inbuilt talents of each and every student in curricular and co-curricular activities. As our association activities, we organize conferences, symposia, workshops and seminars to improve students’ knowledge on industry requirements. We have also signed MoUs with industry people to train our students highly competitive in the job market. We encourage students to undertake online courses, internships and real-time projects.

Our students have participated in various intercollegiate competitions, National level paper presentations and have won prizes. So far, our students have scored 38 ranks under Anna University, Chennai and have been placed in several multinational companies like Infosys, TCS, HCL, Wipro, UST Global Technologies, etc. The human society has been witnessing revolutionary changes of computerization in the field of science and technology. Hence, we equip our students with in-demand computing skills so that they can be masters in the respective area of interest.

St. Xavier’s Catholic College of Engineering (SXCC) is recognized as one of the renowned research hubs in the southernmost part of India. This centre endeavours to transform research into innovative solution and aspires to build Socially, Economically and Environmentally (SEE) sustainable society. It attracts small to large-scale funding from wide-ranging funding agencies to undertake research activities in various domains of science, engineering and technology. The main objective of the research centre is to develop innovative research tendency among the staff and the students by scientific, technological and ethical ways and approaches leading to patent inventions. Our Institution has 155 faculty members, out of which 64 are Doctoral Degree holders and 34 are recognized research supervisors in various faculties of Anna University, Chennai. Fifty Two faculty members are currently doing Ph.D. in the recognized research centres of Anna University.

Our Institution has Seven research units namely, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Civil Engineering, Mechanical Engineering, Master of Computer Applications and Physics. There are about 112 research scholars currently pursuing their Ph.D. degree through full-time and part-time basis. There are about 33 research scholars awarded with Ph.D. by Anna University through our research centre.

Our institution research publications’ h-index is 28 with more than 3000 citations. Seven Patents are already published by our faculty members and students. Various agencies have provided minor and major project funds to individuals, to departments and to the college as whole to enhance or install new infrastructural facilities. Research experts in our college extend consultancy services to various organizations. Our management liberally provides financial support to the students to file patents and to participate in project presentations under the schemes of AICTE, MHRD and other Government Organizations.

Our research infrastructure in computational science includes a high end server configured with cloud computing private infrastructure with HP ProLiant DL385 G7 server as cloud controller configured using Opennebula connected with more than 1000 high end Computers operating with Microsoft Windows and Linux-Ubuntu. All the research departments possess latest equipment to carry out research in the topics of current areas of engineering and technology. All the devices are networked with high-speed (100/1000 Mbps) Ethernet/OFC/Wi-Fi connectivity, that works for 24x7 in remote access.

In addition to the above facilities, the students and researchers are provided with online access to the journals published by the standard and renowned publishers such as IEEE, ACM, Elsevier, Springer, Wiley, Taylor & Francis etc. Intranet access for online journals is made available to the students who are willing to carry out research based projects inside the campus. Further, students and scholars are authorized to access more than 1000 online research journals in order to acquire knowledge in various fields of engineering and technology that will make them survive in this competitive world confidently.
The Dr. Ambedkar Central Library of the college has kept pace with emerging challenges, being one of the best technical libraries in the region. The state of the art library stretches over 18,000 square meters; the library has in its collection more than 32,000 volumes with 9140 titles on Engineering, Management and Humanities and subscribes to 110 technical journals, 664 online journals and 4 online databases. It has the capacity to accommodate 200 students at a time. Documents in the Library are classified under Dewey Decimal Classification (DDC) system. It has membership of DELNET Consortium, and it is enabled with Wi-Fi technology and security systems with Closed Circuit Television System (CCTV).

Online Public Access Catalogue (OPAC)
The entire Library collection can be searched through the web enabled Online Public Access Catalogue (OPAC). Search for catalogue of books, by Author, Title, Link to OPAC is given in the intranet of the Institute which is accessible throughout the campus.

Dr. Ambedkar Central Library

Dr. M. Vijaya Kumar
Librarian

Computing Facilities

Our Campus consists of more than 1000 high end Computers operating with Microsoft Windows and Linux. All the computers are networked with high-speed (100/1000 Mbps) Ethernet/OF/CF/Wi-fi connectivity. To enhance the e-Learning facility all the computers are connected to the internet with an 160 Mbps 1:1 dedicated Direct Internet Access. Sophos XG Firewall provides protection for our network, users and applications.

Dedicated Servers are available to maintain the College Automation System, Students Academic Activities, Human Resource management, Web and email Services. A Cloud Computing infrastructure with HP Proliant DL385 G7 server as cloud controller configured using opennebula is available for research purposes. Authenticated users can avail this facility anytime anywhere.

Hiltek: A Start up on Robotics

As the world is in the Fourth Industrial Revolutions mainly ushered in by the technologies of automation and Robotics, to augment our students and other youngsters in contemporary technologies, St. Xavier’s Catholic College of Engineering launched Hiltek Robotics Research Center Pvt. Ltd. in 2017, a training, research and production company, true to the Entrepreneurship zeitgeist.

Situated within our campus, Hiltek gives every one of our students opportunity to make her/his innovative ideas and dreams a reality. With standard special syllabi and strict practical training schedules, students undergo four levels of training and receive a valid diploma. We have a well-equipped robotics lab and incubation set up wherein our students shape their future and invent new products for the society by way of doing projects and readying themselves well for placement. Nearly 2000 students have benefited by our training programs. “HillRo2019” a specialized expo was organized in which more than 500 students participated with their innovations.

One of our ventures is to train the school children in Robotics. At present 1100 students from 19 schools are being trained. A district level competition in Robotics “innovcent2019” was a big success with the participation of more than 300 students in 67 groups with their innovative products. The state level summer camps and other motivational programs we organize for the school students are inspiring the students to delve deep into the new technologies and create useful produces for a better future for themselves and the society.

Online Access Service
The library has online access to the journals published by IEEE, (www.ieeexplore.ieee.org) Elsevier (www.sciencedirect.com), Springer link (www.springerlink.com), N-LIST : (National Library and Information Services) (ndl.inflibnet.ac.in), National Digital Library of India (ndl.iitkgp.ac.in) and NPTEL video (http://192.168.0.1/digitallibrary). IP based intranet access for online journals is provided within the campus and Central library has an access to 664 journals.

MoU with Foreign Universities

University of Vigo
Spain

University of Aveiro
Portugal

Wollo University
(Kombolcha Institute of Technology), Ethiopia

University of Udine
Italy
Infrastructural Facilities

It’s not at all exaggerated when it’s avowed that SXCC offers extraordinary infrastructural facilities and institutional care for imparting and acquiring education. The college management never compromises on the safety and the standard of our infrastructures. Public address systems with modern e-devices have been fixed wherever required. That’s why our college premises are regularly used by the government and the corporate departments for the conduct of their programmes including competitive exams and professional trainings. To list out a few notable facilities:

- Auditorium with a capacity of 2300, with AV facility
- Rock Auditorium with a capacity of 450, AC and AV facility
- Seminar Hall in Nikola Tesla Block with a capacity of 150, AC and AV facility
- Conference hall with a capacity of 800, AC and AV facility
- Seminar hall in Albert Einstein Block with a capacity of 250, AC and AV Facility
- AV hall in library with a capacity of 50
- Gymnasium
- Indoor courts for badminton and table tennis
- Standardised basketball court
- Football and cricket fields
- Separate Hostels for boys and girls with wi-fi facility
- Cafeteria
- Extensive transport service
- Stationery store
- Health centre
- Driving school

Other facilities include banking, book shops, solid waste management, waste water management and water harvesting.

St. Xavier's Sports Council

Sports and games activities and achievements are the hallmarks of SXCC. We build a vibrant and integrated sports community to augment the physical and mental strengths of the students. We do bring up talented sports men and women through the highest standard of sports coaching enabling them to participate in university and national level sports events and tournaments.

St. Xavier’s Sports Council ensures that every student maximizes his/her sporting potential and finds a sport that he/she can enjoy and participate in with confidence and success. Our motto is to promote true sportsmanship and fundamental values through sports and games. Our college Physical Director is a regular selection committee member for Anna University kabaddi, badminton, and football teams and he has been honoured with the best Anna University Sports Board Coordinator Award. Ours is the coordinating centre for Anna University zone-19 sports and games.
SXCCE is well-known for the co-curricular activities and the contributions of its professional, non-professional and service bodies comprised of the members of the staff and the students. Right from the first year, students are motivated and encouraged to avail themselves of the benefits of these significant bodies. The co-ordinators and the senior members of the bodies ensure that the objectives and services of each body are realised by the beneficiaries and confirm that a student joins at least any one of these bodies. Besides regular educational guidance, these bodies enable the students to overcome any sort of emotional barricades and build a successful career. With the support of the coordinators of the professional bodies, our students regularly win international honours and laurels.

### Co-Curricular Cells & Clubs

- **Non-professional Cells**
  - Youth Red Cross
  - Sports Council
  - NCC
  - Eco Club
  - Entrepreneurship Development Cell
  - Literature and Orator Club
  - Tamil Mantram
  - Jyothis
  - Training and Placement Cell
  - Essay
  - Women’s Cell
  - NSS
  - St. Xavier’s Choir
  - Radio Club
  - Konverz
  - Photography Club
  - Outreach Programme Committee
  - Dramatic Club
  - Musical Club

- **Professional Cells**
  - IEEE Education Society
  - CETA
  - Robotics Club
  - IEEE Student Branch
  - IEEE-WIE
  - IET
  - ISTE
  - SAE
  - CSI
  - ISHRAE
  - ACM
  - Research Committee
  - Institute Industry Collaboration Cell
  - ACE
  - ELECTROS
  - SEE
  - REACH
  - BRIGHTZ
  - MEGX
  - SHAX
  - XMA
  - XACA
  - Tamil Indigenous Mathematics and Engineering Research
  - International Research Collaboration Cell
  - IEI
  - Teaching Development Cell
  - FACEAT&P

- **Service Bodies**
  - SC/ST Welfare Cell
  - Health Care Cell
  - Software Cell
  - Anti-Ragging Cell
  - Parent Teachers Interaction Cell
  - Library Advisory Board
  - Counseling Cell
  - Grievance Cell
  - Student Welfare Cell
  - Alumni Association
  - First Aid Cell
  - Chronicle Cell
  - Internal Quality Assurance Cell
Our Major On-Campus Recruiters

• Quantave aptitude • Interview Skills
• Communication Skills • Group Discussion

Besides upholding amiable relationship with the industries, the Training and Placement Cell invites them for on-campus recruitment drives and supports our students to get placed in first-rate positions.

SXCCE is the nodal centre of “Centre for University-Industry Collaboration (CUIC)”, Anna University to conduct its flagship Tamil Nadu State Level Placement Programme (TNSLPP) campus drives.

Communication Skills Training Centre

Under the auspices of Training and Placement Cell of SXCCE, there is a Communication Skills Training Centre functioning with a special trainer who trains both the staff and the students on the language skills.

All the second-year students attend a special training course in the centre for two semesters. By the end of the course, a test in Cambridge ESOL exam pattern is conducted and overall TRF (Test Report Form) is given to each learner. The TRF is an authentic document that demonstrates the language proficiency level of the trainees. To crown it all, after the completion of this training course, the beneficiaries can directly appear for BEC Prelims / Vantage exams. BEC exams and certificates are globally accepted and trusted by the world’s top companies.

The Training and Placement Cell of SXCCE is functioning with mission of preparing and equipping our students to meet industry expectations in career building, thereby placing them in reputed companies across the country. The cell concentrates on molding the minds of our students to face the competitive world with confidence and courage.

Training

The Training and Placement Cell organises regular internal and external trainings with the intention that the students get ready for the new-fangled opportunities in the job market.

• Communication Skills • Group Discussion
• Quantitative aptitude • Interview Skills
• Coding / Programming Skills • Resume Writing

Our Major On-Campus Recruiters

The best place for the overall growth in career, professional, physical and psychological development. Very good infrastructure, best campus placement and a great culture to learn, grow and shine. Best in Kanyakumari District!

HODs, Professors and the faculty members are very good. The way of teaching, and the care for the students are good. Industrial visits, Tours are just great. I would say this college will give you plenty of opportunities to get you a job and I got placed in 4 reputed companies. So if you want to study Engineering in Kanyakumari, SXCCE is the best option I can give you. Cheers!!!

SKCCE helped me to develop my personal abilities and professional skills.

There are several technical associations like IEEE Student Branch, IET chapters, ACM etc. There are facilities available to access IEEE digital library that helped us not only to complete our projects and but also to learn and understand a lot about technology and innovations happening across the globe. I received an IEEE scholarship and a chance to attend IEEE congress in Sri Lanka. I was an NCC cadet during my college days and it helped me in a lot of ways to develop my leadership skills. A wonderful ambiance, good staff members, a lot of resources and most importantly, the freedom to explore every opportunity made me always feel this college one of the best places for learning.

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The college is located in a serene and eco-friendly environment at the foot of Ponmalai Hills in Chunkankadai, overlooking the Nagercoil – Thiruvanthapuram National Highways (NH47). It is about 26 km from Kanyakumari, the southern tip of India, 6 km from Nagercoil, the nearest railway station, 65 km from Trivandrum, the nearest airport. The only engineering college in Kanyakumari District accredited with ‘A’ Grade by National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA).

- The only engineering college in Kanyakumari District functioning with more than 60 professors holding doctorate degree and wide experience.
- The college enjoys the unique reputation for improving the placement skills of the students and ranks first in the district for getting them placed in multi-national companies and high-level industries.
- The only engineering college in the district with a spaciously built library that contains more than 30,000 engineering books and National and International e-journals, offering excellent service facilities.
- Besides high speed Internet connection (160 Mbps), more than 1000 computers in the college are equipped with digital library.
- The college has specially designed laboratories with suitable and quality instruments and machinery apt for high-level researches and training.
- The only college in the district with computer labs consisting of more than 1000 computers equipped with technical software programmes like LABVIEW, Solid Works, ANSYS, SAP - BI, MATLAB, Rational Suit, and Oracle.
- Classrooms are not only spacious and airy but also fixed with modern teaching aids like Digital Projector.
- The College has the distinction of regularly enjoying the prime position in the district for producing and getting the highest number of rank holders in the university examinations.
- Department of Sports and Games is an admirable part of the college with multipurpose indoor and outdoor stadiums and gym facility. It trains the students to win medals in the university level tournaments.
- The students are gifted with a chance to learn motor vehicle driving as there is a Registered Driving School functioning in the college.
- The College has an establishment called HILTEK Robotics Research Centre Pvt.Ltd., where the robotic technology-related trainings are conducted to enable the students to create various automatic machines.
- Every year the college management offers scholarship to the tune of Rs. 1,00,00,000/- to the poor and the meritorious students.
- Higher education and employment opportunities-related training classes like GATE, IAS, and IPS are regularly conducted.
- The College has Students Health Benefit Scheme to help the students who have suffered unexpected losses due to accidents or death of parents.

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