

DTE CODE 3184

Fr. Conceicao Rodrigues College of Engineering

An Autonomous College Under the University of Mumbai



ACCREDITED

PROSPECTUS 2024

"Our willingness to pray, to do good works, and to become virtuous are gifts of God." - Ven. Fr. Agnelo D' Souza



ACCREDITATION AND RANKING



'A' Grade by National Assessment and Accreditation Council



UG Programs in Computer Engineering, Accredited by National Board of Accreditation (NBA-India)



IIC-CRCE has received 3.5 STAR rating in the Academic Year 2022-2023 in Western Region



Ranked 44th among Engineering Colleges in India. 41st among top Private Engineering Institutes in the country and 10th in the western region by Times of India Ranking Survey - 2024



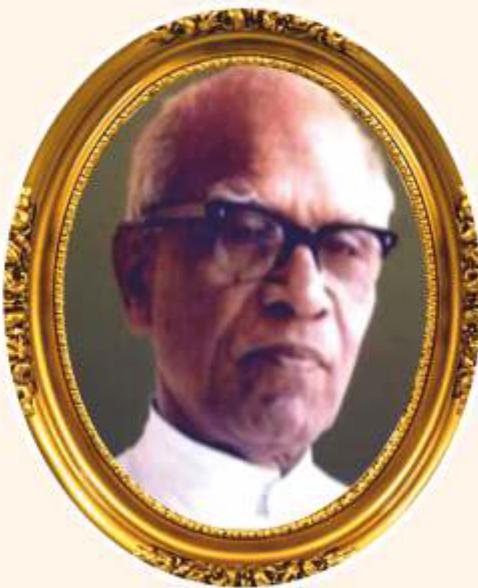
Graded AAA+ by the Careers 360 ranking - 2023



Received Times Education Icon Award Mumbai 2023 organised by The Times Group for Fr Conceicao Rodrigues College of Engineering from Padma Shri Rani Rampal, captain of Indian Women's Hockey Team.



OUR VISIONARY FOUNDER



FR. CONCEICAO RODRIGUES
(1912 - 1984)

Rev. Fr. Conceicao Rodrigues was a remarkable visionary and freedom fighter, bursting with boundless energy and a steadfast determination to achieve his goals. The Agnel Fathers (Trustees of St. Francis Xavier Pilar) believed that their contribution to the process of nation building would be through the spread of facilities for Technical Education, thanks to the inspiration of this inspirational founder.

Despite the fact that Fr. Rodrigues did not live long enough to see his ambition of establishing a College of Engineering in Bandra come true, the clearance for this college had just been secured days before his untimely death in 1984. As a fitting homage to his passionate belief in highly qualified and completely trained engineers and technicians in the service of the nation, the College proudly carries his name today. The visionary principles on which the institution was founded have been nurtured and fostered in succeeding years and continue to guide the functioning of the college.

My Country, my people that's all it matters
- Rev. Fr. C. Rodrigues



FROM THE DIRECTOR'S DESK



Rev. Fr. Valerian D'Souza

The current state of global education is rapidly changing. Science and technology are progressing in order to deliver world-class education and sophisticated lives to people everywhere. We are at a pivotal juncture in history, and we must recognize the challenges that lie ahead. With technical education at a crossroads, we must work to prepare tomorrow's technocrats with the knowledge, skills, and character necessary to solve developing global economic and societal concerns.

Technical education has become increasingly dynamic as technology, business, and social demands have changed. The world is becoming increasingly integrated as a result of privatization and globalization. Today's engineer's job is more than just managing his or her product or service and market; he or she also has a wider obligation to adopt the role of organizational leader in such situations, which is both tough and gratifying. In today's environment, such leaders must acquire specialized knowledge, abilities, and attitudes in order to gain a competitive advantage.

In this context, we at CRCE build our teaching learning pedagogy based on the premise that today's engineers must develop an analytical mindset in order to comprehend and apply complicated technical solutions. Our admissions, results, internships and placements track records speak volumes about our credibility in the global market. At all levels, we ensure high-quality technical education. I warmly invite you to explore our website to learn more about the Institute and its activities.



FROM THE PRINCIPAL'S DESK



**Dr. Surendra Singh
Rathod**

Greetings and a very warm welcome to the galaxy of eminence-CRCE!

“Do not be led by others; awaken your own mind, amass your own experience, and decide for yourself your own path.” (Atharva Veda)

It gives me immense pleasure to express my thoughts as the Principal of Fr. Conceicao Rodrigues College of Engineering, a prestigious, self-financed institute affiliated with the University of Mumbai, Maharashtra, and approved by AICTE. Fr. CRCE was established in 1984 with a vision of '**Moulding Engineers who can Build the Nation**' inspired by the dream of our founder Rev. Fr. Conceicao Rodrigues. Fr. CRCE aspires to be a centre of excellence in engineering education, moulding engineers with state-of-the-art technologies, innovative skills, and unmatched human values, keeping in pace with the increasing expectations of the corporate and the society and thus rendering the role that is effective in nation-building.

Education seeps in and synchronizes with prior knowledge to create new knowledge making one well-informed and ready to accept and bring positive changes in the world. A combination of prior learning and new knowledge enhances critical thinking skills which are requisite to making good decisions in every walk of life. Education must prepare aspiring minds for the "**Marathon**" and make them '**Life-Long Learners**'. Globalization of education has called for a greater focus on the quality of education. It is the right of our students to get quality education as it gives huge opportunities for better living and supports our nation's prosperity. There is no single yardstick for quality. A good educational institute strives continuously for the enhancement of quality in every field of its activity. Fr. CRCE makes consistent and sincere efforts toward thwarting stagnancy and achieving excellence.

The world is always at risk due to unprecedented and extraordinary disruptions in all walks of life, including education. We need to create engineers who are flexible enough to adapt to new changes, develop new technologies, and also behave as responsible citizens of the country. Engineers & technologists are the spines of any nation's economic development. Responsibility for speeding up the nation's economic wheel lies on Engineers and Technocrats. With the introduction of NEP-2020 and UGC granting Autonomous status to the college, many new concepts are introduced in the curriculum such as Multidisciplinary exposure to learners, Academic Bank of Credits, Multiple Entry & Exit, Holistic Development of Students, Outcome-Based Education, and more industry linkages. Fr. CRCE is looking forward to successfully implementing these policies as and when possible, by restructuring the academics that create a research culture, and startup culture and encouraging holistic development of students.

The Institute is dedicated to making significant differences in the lives that it touches, directly or indirectly. With the support of dedicated and hardworking faculty and staff, the institute has achieved remarkable visibility and ranking. Our splendid academic performance, sparkling placements, enrolment for higher studies at the best places in the world, and prizes won by our students in national/international competitions in the past many years are the true testimonials for this.

On behalf of Fr. CRCE, I welcome you to this family and look forward to your valuable association with us for a better tomorrow. This institution will undoubtedly empower you to a bright future, defining and underlining the meaning of a successful life. **Let's learn, grow, and set examples together...**

Wishing you a constructive journey ahead...



Vision



"Moulding Engineers Who Can Build The Nation."

CRCE will be a Centre-of-Excellence in Engineering Education, moulding engineers with state-of-the-art technologies, innovative skills, and human values matching with the growing expectations of the corporate and society and thus play an effective role in nation-building.

Mission

- ◆ Create an excellent scholastic ambiance for students and faculty, by providing facilities with state-of-the-art technologies and continuously updating based on the needs of the user organization.
- ◆ Attract, develop, and retain teaching faculty of academic excellence, dedication, and commitment.
- ◆ Design the academic administration system to ensure an effective teaching-learning process facilitating participation from students and teachers and enabling continuous improvement through evaluation and feedback.
- ◆ Provide avenues for the holistic development of students to become competent engineers with interpersonal skills, leadership qualities, and social concern.
- ◆ Maintain economic discipline; continuously work for optimal utilization of resources and resource generation through consultancy to make quality education affordable. Everybody in the organization is a role model for integrity, upholding ethical values, fairness, and transparency in all dealings.





CONTENTS

WHY ENROLL AT FR. CRCE ?	8
THE GENESIS	9
GOVERNING COUNCIL	10
COURSES OFFERED	11
CENTRAL RESOURCES	12
DEPARTMENT OF HUMANITIES & SCIENCE	13
DEPARTMENT OF COMPUTER ENGINEERING	14
DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE	16
DEPARTMENT OF MECHANICAL ENGINEERING	18
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING	20
CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES	22
IEEE (Institute of Electrical and Electronics Engineers) - CRCE	23
PLACEMENT	33
HIGHER STUDIES	35
OUR PRIDE : OUR ALUMNI	37
STUDENTS' WALL	38
SCHOLARSHIP SCHEMES	40
CAREER KATTA	41
ADMISSION DETAILS 2024-2025	42
STUDENTS' COUNCIL 2024-25	43



WHY ENROLL AT FR. CRCE ?

- ◆ An Autonomous Institution affiliated to university of Mumbai.
- ◆ Experienced and qualified Faculty members.
- ◆ Senior level experts from the industry appointed as 'Professor of Practice'.
- ◆ "H-Tree Model" of curriculum in line with National Education Policy (NEP) 2020
- ◆ State-of-the-art Infrastructure.
- ◆ Outstanding Academic Results.
- ◆ Excellent Placements and semester-long Internships.
- ◆ Strong alumni network in leading positions in industry and academia.
- ◆ Personality Development & Soft skill Training.
- ◆ Emphasis on Moral & Ethical Values.
- ◆ Project Based Learning.
- ◆ Support & Guidance for national/international level technical competitions.
- ◆ MoUs with Industries.
- ◆ Equal emphasis on sports, Cultural, Co-curricular & Extracurricular activities.
- ◆ Industrial & Educational Visits.
- ◆ Regular Seminars & Expert lectures by eminent personalities/industrialists.
- ◆ On-campus & Multimedia enabled classrooms and laboratories.
- ◆ Scholarships & Financial Assistance.
- ◆ Located at picturesque Bandstand overlooking the Arabian Sea.



THE GENESIS

Fr. Agnel Ashram was founded on June 9, 1957, in Bandra, Mumbai on a piece of land known as "Land's End" with the aim of fostering, through Educational and Charitable Institutions, love and understanding amongst the people of various communities of India and contributing towards India's development and self-reliance. It was named after Ven. Fr. Agnelo D'Souza, a Goan Priest who died in Odour of Sanctity in 1927.



Rev. Fr. Conceicao Rodrigues with former Prime Minister Pandit Jawaharlal Nehru



Smt. Indira Gandhi inaugurating the Agnel Technical Complex

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai, by the Society of St. Francis Xavier Pilar, a public and charitable trust. The College of Engineering is named after its founder, Rev. Fr . Conceicao Rodrigues. Under the inspiration of this charismatic founder, the Agnel Fathers (the trustees of St. Francis Xavier Pilar) realized that their contribution to the process of nation-building would be through technical education and accordingly are providing technical education facilities through the establishment of Technical Education complexes in different parts of the country – Bandra (Mumbai), Vashi (Navi Mumbai), Verna (Goa), New Delhi, Noida, Pune, and Ambernath (Thane). Each unit imparts technical education at various levels - ITI, Diploma, and Degree. Fr. Agnel Ashram at Bandra, Mumbai, started with Fr. Agnel Bal Bhavan, an Orphanage and a Technical School in Carpentry in 1957. It has grown today into a well-reputed Technical Education Complex. Fr. CRCE came into existence with only one course in Production Engineering with an intake capacity of 60 students. As of date, the Institute has four Undergraduate Programmes, one Post-graduate Programme, and three Ph.D. Programmes, with a total strength of over 1200 students.



GOVERNING COUNCIL

Rev. Fr. Bento Rodrigues
Chairman - Society of St. Francis Xavier, Pilar



Rev. Fr. Valerian D'Souza
Director, Agnel Technical
Education Complex, Bandra



Fr. Alarico Carvalho
Member nominated
by Registered Society / Trust



Fr. Aguelo Gomes
Member nominated by
Registered Society / Trust



Fr. Trevor Pereira
Member nominated by
Registered Society / Trust



DR. S.S. RATHOD
Principal



Dr. Srija Unnikrishnan
Member nominated by
Registered Society / Trust



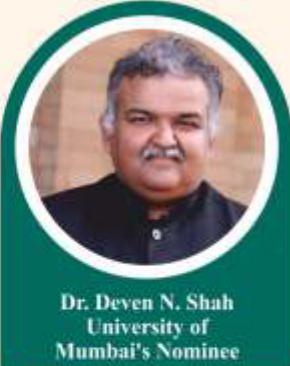
Dr. R.S. Iyer
State Govt. nominated
Educationist



Dr. S.M. Khot
Principal, Fr. C. Rodrigues
Inst. of Technology, Vashi,



Mr. P.N. Jumle
Technologist /
Educationist



Dr. Deven N. Shah
University of
Mumbai's Nominee



Dr. Deepak V. Bhoir
Professor
Fr. CRCE, Bandra



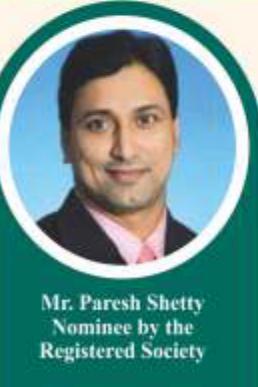
Prof. DSS. Sudhakar
Associate Professor
Fr. CRCE, Bandra



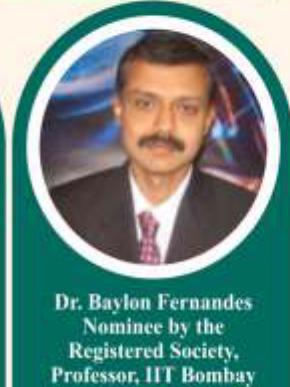
Mr. Suresh Ramanan
Nominee by
the Registered Society,
Z.S. Associates



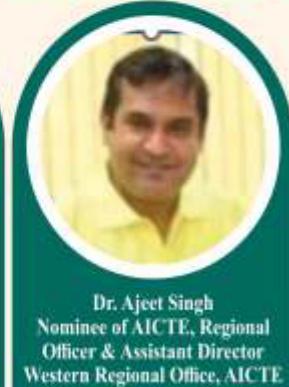
Dr. Vinod Mohitkar
Nominee of DTE,
I/c. Director of Technical
Education (M.S.)



Mr. Paresh Shetty
Nominee by the
Registered Society



Dr. Baylon Fernandes
Nominee by the
Registered Society,
Professor, IIT Bombay

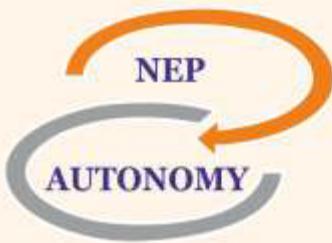


Dr. Ajeet Singh
Nominee of AICTE,
Regional
Officer & Assistant Director
Western Regional Office, AICTE



COURSES OFFERED

- ◆ B.Tech. Computer Science and Engineering (Intake - 60)
- ◆ B.Tech. Computer Engineering (Intake - 180)
- ◆ B.Tech. Electronics and Computer Science (Intake - 60)
- ◆ B.Tech. Mechanical Engineering (Intake - 60)
- ◆ M.Tech. Computer Engineering (Intake - 18)
- ◆ Ph.D. Mechanical Engineering
- ◆ Ph.D. Electronics Engineering
- ◆ Ph.D. Computer Engineering



AUTONOMY & KEY SYLLABUS INPUTS

- ◆ Embracing Autonomy and NEP 2020
- ◆ Enriched Transformative Learning
- ◆ Monitored Peer Group Learning
- ◆ Flexible Subject Choices
- ◆ Equipped Educators with innovative teaching-learning
- ◆ Smart Classrooms
- ◆ Enhanced Digital Resources
- ◆ Industry-Institute Collaborative Partnerships
- ◆ Path to Excellence



CENTRAL RESOURCES

Central Library and Internet Centre

The Library has around 33,000 volumes, with the facility to search books 24X7 through online Web OPAC. Apart from Print journals and Periodicals, access to Full - text e-journals of IEEE and ASME (American Society of Mechanical Engineers) are available online within the campus. Additionally, e-books, e-journals, e-articles, videos can be accessed through “Knimbus e books Virtual Library”.

Library has Institutional Membership with IIT Library, Powai, and National Digital Library. Library has subscribed to “Turnitin” anti plagiarism software. Book Bank facility is extended to all students. There is Multimedia and Digital Library facilities are also available.



Central Library



Internet Centre & Digital Library



Central Auditorium – Samvaad



Gymkhana – Boys Common Room



Central work shop



Centralized Server systems



DEPARTMENT OF HUMANITIES & SCIENCE

The Department of Humanities & Science caters to the requirements of the first-year engineering curriculum of the University of Mumbai. The Department aims to equip first-year students with fundamentals in the applied sciences and communication skills. Courses such as Engineering Physics, Engineering Chemistry, and Engineering Mathematics, provide the necessary foundation for understanding the concepts and applications in higher semesters. Courses in Professional Communication & Ethics train the students in corporate, social, and ethical practices and ensure their holistic development.

The Department has competent faculty and excellent infrastructure facilities to fulfill the requirements of the course curriculum. The department organizes a two-week induction program consisting of Yoga sessions, sessions on environmental awareness, lectures on universal human values, expert lectures, interactive sessions with Department heads, Placement Cell, Student Council, etc. The Department has a qualified professional counselor to help the students to sort out their personal and professional issues.



Engineering Physics Laboratory



Engineering Chemistry Laboratory



Language Laboratory



First Year Class Room



DEPARTMENT OF COMPUTER ENGINEERING

The Department was established in the year 1991. The intake capacity of the department has been increased to 180 and Master of Computer Engineering is started with intake 16 from the academic year 2024-25. To Promote Innovation and research, the Department has started Ph.D. in Computer Engineering with Intake 10 from the academic year 2023-24. The Department has competent and devoted faculty to provide industry-driven education to the students. The Department Infrastructure fulfills the requirements of academics and also supports research projects and learning skills to face the challenges of the industry. The Computer Engineering Department effectively prepares students to pursue leadership, technical and management positions in a variety of industries. The department has fetched many research grants. The department has a strong alumni network which further enriches the program by their involvement in departmental activities and guidance to students.

Vision

To be a center of excellence in Computer Engineering education that will produce self-motivated, and globally competent individuals through holistic development.

Mission

- ◆ Build state-of-the-art infrastructure that can accommodate cutting-edge technology and is constantly updated in response to the needs.
- ◆ To emphasize on experiential learning and holistic development in order to pursue academic excellence and inculcate research aptitude through high-quality research publications.
- ◆ Enable the students to foster innovative ideas in pace with emerging technologies.
- ◆ Encourage faculty members to pursue higher education/research and stay abreast with the latest technology.





Highlights

- ◆ NBA accredited since 2017-18
- ◆ Eight well-equipped labs with state-of-the-art tools and software.
- ◆ More Than 99% result and more than 85% placement in last 5 years.
- ◆ Many students going for higher education in renowned Universities.
- ◆ Machine learning server and cloud server available for experimentation.
- ◆ Highly qualified and devoted faculty.
- ◆ Students compete and earn awards at national and international levels.
- ◆ Workshop and Seminars on Recent Technology by Industry Experts.
- ◆ More than 70 research papers published in reputed Journals/conferences in last 5 years.
- ◆ More than 5 Patents Published by the Department.

Notable Achievements

- ◆ GDA team of Santo Sunny, Meet Satra, Desmond Anthony, Suraj Shinde, Mrunali Tamhankar and Carol Lobo won Smart India Hackathon 2023 at Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh (National Level)
- ◆ Soham Parab and Bryce Miranda secured Fourth Place at M-Indicator Hackathon in Android Domain held at VJTI, Mumbai (National Level)
- ◆ Joywin Mendonca and team were among Top 4 teams in Start-A-Thon An IIT Madras Hackathon (National Level)
- ◆ Princely Lopes, Warren Fernandes, Liny Mathews, Yash Deshmukh and Ashwini Pansare published Indian Patent on “Utilization of reinforcement learning and explainable artificial intelligence analysis in the development of self-driving vehicles with robust protection against GPS spoofing attacks.”



Pre-incubation Agreement with Mumbai University : MU Idea and Incubation centre.



DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE

Established as the Department of Electronics Engineering in the year 1987; the programme was revamped in 2019 based on the current trends & market demand with an optimum mix of subjects in Electronics & Computer Science. Core emphasis is provided on Computer Programming, Artificial Intelligence, Machine Learning, Cyber Security, Block Chain Technology, Big Data Analytics, Embedded Systems, Robotics & Automation, Internet of Things, Computer Architecture & Networking to name a few. Over the years, strict adherence to quality norms in the teaching-learning process & evaluation has always been the strength of the department. A practical-oriented approach is followed to make students proficient in the competitive industry environment as well as prepare them for higher education.

Vision

Creating globally competent engineers with strong fundamentals & good learning abilities to empower digitalization & innovation.

Mission

- ◆ To enrich competencies in Electronics & Computer Science through knowledge, skills & commitment to lifelong learning.
- ◆ To nurture effective solution providers by having a practical knowledge base equipped with a multi-disciplinary approach.
- ◆ To cultivate ambiance for encouraging innovations, research, and entrepreneurship skills.
- ◆ To improve employability by creating competitive engineers, with an ethical and professional attitude.



Winner of the Innovation Cup 2023 across all of Maharashtra (state level) at Sardar Patel Institute of Technology by The final year (B.E.) project 'Automatic Electric Vehicle (EV) Charging Station' from the Department of Electronics & Computer Science (ECS)



The first patent published from the Department of Electronics & Computer Science (ECS) courtesy Rohit Nair, Rendell Padu, Gautam Manuel & M. Jyothis Shajan for their final year (B.E.) project titled 'Metastore – An Image-Based 3D Garment Making System for Virtual Try-ons' under the supervision of Prof. Archana Lopes & the guidance of Prof. Sangeeta Parshionikar.





Highlights

- ◆ SPHERE (supporting placements & higher education requirements in engineering) initiative to try & provide students with all the help, guidance & resources in fulfilling their career objectives
- ◆ Innovative teaching & learning processes including project-based learning & experiential learning
- ◆ Industrial & educational visits to keep students abreast of latest developments in technological domain
- ◆ Seminars by industry professionals for bridging the curriculum gap
- ◆ Excellent placements & rewarding internships for a successful career
- ◆ Holistic student development for imparting all-round education
- ◆ Active support, guidance & mentoring ensures all students grow in confidence towards their goal
- ◆ Impetus for extracurricular activities such as sports, competitions, cultural extravaganza, etc.

Notable Achievements

- ◆ Team of students received grant support of Rs.6 lakhs to innovation MIC scheme for "Astha Graha Educational Space Game."
- ◆ GDA emerged victorious at the prestigious Smart India Hackathon 2023 and was awarded a prize of ₹1,00,000. With Team members Santo Sunny (Team Leader, ECS 2024), Meet Satra (AI-DS 2024), Desmond Antony (ECS 2025), Suraj Shinde (ECS 2025), Mrunali Tamhankar (ECS 2026) and Carol Lobo (AI-DS 2026).
- ◆ Team GDA: Santo Sunny (BE ECS), Desmond Antony (TE ECS), Shinde Suraj (TE ECS), Mrunali Tamhankar (SE ECS) won an award for 'Sentinel Shield-Safeguarding People's Lives in Air Threat Situations' in Smart India Hackathon
- ◆ Stery Sabu, Manglam Jaiswal, and Arpit Poojary from FE ECS obtained scholarships of Rs. 1 Lakh each from IDFC First Bank
- ◆ Ms. Palak Joseph from the first ECS batch of 2023 completed her Master's in Innovation Management & Entrepreneurship under STEM from Brown University, USA

Dr. Sapna Prabhu, Professor & Head of Department - Electronics & Computer Science being honoured as 'Most Influential Professor' by 'The World Education Congress 2023' at the hotel Taj Lands End, Mumbai on Friday 14th July 2023.



DEPARTMENT OF MECHANICAL ENGINEERING

With a legacy in Production Engineering dating back from Year 1984 and running successfully for last 35 years providing Quality Education to young minds, also creating Technocrats, Engineers, Entrepreneurs working successfully across the Globe and with response to changing industry demand and market environment, the Production Engineering program was transformed into Mechanical Engineering in Academic Year 2019-20.

The Department of Mechanical Engineering from Academic Year 2024-25 (being Fr.CRCE Institution under Autonomy status affiliated to University of Mumbai) proudly offers following courses :- Bachelor of Technology (B.Tech) with

- ◆ Multidisciplinary Minor,
- ◆ Honors & Multidisciplinary Minor,
- ◆ Major Engg./Tech Discipline with Double Minor (Multidisciplinary & Specialization Minor)
- ◆ Honors with Research and Multidisciplinary Minor

Also, it offers lot of courses to choose under Departmental Elective Courses in track of Manufacturing and Management, Design & Automation, Open Electives (OE), Multi-Disciplinary Minor Courses (MDM), Modern Indian Language (AEC) & Co-Curricular Courses (CC).

The Department of Mechanical Engineering also conducts Ph.D program with good number of registered Ph.D Research Scholars having Research and patent publications to their credit. Full fledged workshops and State-of-Art laboratories are available in areas of Machining, CAD/CAM, CNC production grade machines, Automation, Modelling and Simulation, HVAC, Turbo-Machinery, Materials and Metallurgy, Thermal Engineering and Industrial Operations and Management field. The Department has well Qualified teachers with most Ph.D. (Doctoral Degree) holders with notable research publications. Department is chiefly associated with IIIE, ASME, ISTE, FSAI organizations and Multi-National companies like Tesla, Larsen & Toubro, Godrej & Boyce, Siemens, Mahindra & Mahindra, Mercedes Benz, General Mills, Tata Consultancy Services, Mazgaon Dock, and Accenture, etc. to promote healthy Industry Institute interactions for Seminars, Conferences, Technical Talks & Workshops, Internships and Placements for students from time to time. In the past, students who pursued post graduate Degrees abroad were admitted to Universities such as Cornell, Georgia Tech, Harvard, Delft, and KTH to name a few.

Vision

Building a comprehensive academic and research ecosystem for transforming young minds into qualified innovative mechanical engineers with human values.

Mission

- ◆ Impart quality education through state-of-art facilities and effective teaching-learning process.
- ◆ Collaborate with educational institutions, industries, and professional societies.
- ◆ Promote the culture of ethical research for developing self-sustainable engineers competent for entrepreneurship and higher studies.



Notable Achievements & Highlights

- ◆ Value added course/workshop on LaTeX and MATLAB organized by Prof. D.S.S.Sudhakar, Prof. Saurabh Korgaonkar and Prof. Aseem Nevrekar on July 18-21, 2023 for Mechanical Engineering Students.
- ◆ Prof. M.VeeraBhadraRao, Prof. Saurabh Korgaonkar & Dr. Arun Rane (Trainers) have successfully conducted Training of IOCL Blue Collar Staff in Metrology Laboratory on 15th and 16th June 2023 in collaboration with AITTD (Community Polytechnic)- Fr. Agnel, Bandra (IRG program) co-ordinated by Dr. Bhushan T. Patil.
- ◆ Introduction to 3D printing : Workshop conducted by Dr Bhushan Patil,Dr.Ketaki Joshi, Prof M V B Rao, Dr Dipali Bhise and Mr Santosh Dharman for students of Fr. Agnel Technical Jr. College, Bandra on 6th February 2024, pursuing HSC Vocational-Mechanical Technology to provide an insight into the world of 3D printing and its applications in the field of mechanical engineering. Also, Workshop for Students studying in 9th Class on the Fundamentals of SolidWorks modelling and 3D printing on 22nd February 2024 for upgrading their Drawing skill sets.
- ◆ Guest Lectures "How to Get into Motorsports from India" by Shubham Sangodkar, former F1 aerodynamicist for Team Redbull and founder of United Motorsports Academy, organized by Prof. Aseem Nevrekar, Prof. VeeraBhadra Rao and IIIExCRCE council on September 8, 2023
- ◆ Arranged various value-added workshops on LaTeX and MATLAB.
- ◆ Successfully conducted Training of IOCL Blue Collar Staff in the Metrology Laboratory.
- ◆ Workshop conducted on Introduction to 3D Printing and Solid Works Modelling for school students.





DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Fr. CRCE offers a BE program in Artificial Intelligence and Data Science from the academic year 2020–2021 with a 60-student intake to help students get ready for professions in the most in-demand sector of the twenty-first century. The department is efficient with devoted, experienced faculty with expertise in AI and data science. The department has six well-equipped labs with cutting-edge hardware and contemporary software. In order to promote students' intellectual and personal growth, the department provides a platform for a variety of curricular, co-curricular, and extracurricular activities.

Vision

To mould high-quality, innovative, and ethical AI engineers to become part of the global workforce and contribute to the betterment of society.

Mission

- ◆ Provide students with a skill-based education that will help them master problem-solving and analytical skills, as well as expand their domain expertise.
- ◆ Promote continuous learning & research in the core & emerging areas of AI & Data science.
- ◆ Facilitate an excellent scholastic environment for students and faculty by developing a center of excellence in advanced technology.



Open Source Lab



Programming Lab



Workshop for students on Advanced cloud computing





Notable Achievements and Highlights

- ◆ Prof. Swapnali Makdey anointed as chair of IEEE AP/ED Society of IEEE Bombay section Patent titled,"YOGAGURU : Your AI yoga trainer " published by faculty Swati Ringe and Sarika Davare with students
- ◆ Prof. Swati Ringe with her team published patent titled, "Autandscape - An Immersive 3d Environment with Multi-Level fading, Animations, Text-To-Speech Conversion using Bark -An Ai Based Model for use In Computational Therapy For autism Spectrum Disorder".
- ◆ Prof. Swati Ringe with her team published patent titled, "Blockchain-based Healthcare Management Application".
- ◆ Aiden Samuel, Sia Puthusseri, and Edryin Ezahakadan published patent (with their mentor) titled "Detection of malicious blockchain attacks using federated learnings"
- ◆ TE student Aryan Kyatham has initiated entrepreneurship journey by building a start-up "NiceVibes.co", Tech enabled Employee wellness program for b2b corporates and organizations.
- ◆ Aryan Kyatham, SharvinGavad, Neston and Myron secured first rank at Bit n Build International Hackathon in Feb 2024
- ◆ Aryan Kyatham, SharvinGavad, Neston and Myron secured first rank at national hackathon "Aeravat" at SPIT in March 2024
- ◆ Aryan Kyatham, SharvinGavad, Neston and Myron secured first rank at national hackathon "Matrix" at Fr.CRCE in Feb 2024
- ◆ Aryan Kyatham and his team got selected in Google AI Hackathon. They were one of the 300 teams selected worldwide.
- ◆ Aryan and his team won international level Hackathon at Nashik(Sunhacks-2024) Rishabh Pathak, Pritesh Kunder and Sahil Khan secured second position at Hackathon "Syntechxathon" organized by Rishi Dayaramseth Hassaram National Science College in Feb 2024
- ◆ Denslin Nunes got 1st Rank in Moisture Minds National level competition held at IIT Dharwad on 26th August 2023.
- ◆ Denslin Numessecured 3rd Position in the AlgoHolic 2.0 National level competition held in Fr. CRCE on 14th January 2023
- ◆ Andre Isaac Nazareth received Best paper in Track: Related Areas and Application in the 3rd International Conference on Advanced Computing Technologies and Applications held in SVKM'sD. J. Sanghvi College of Engineering on 10th June 2023
- ◆ Sahil Khan and his team got First Runner-Up in the IEEE Techithon'23 Hack Mania 24-Hour Offline HackathonOrganized by Atharva College of Engineering on 10th June 2023
- ◆ Atharva Patil secured 3rd Rank Bronze Medal in Mumbai University Sports Competition Shooting Event held on 11th October 2023
- ◆ Nicole Mascarenhaswon second prize in HR On-boarding Roleplay Competition organized by IES'S Management college
- ◆ Ashwini Chauhan with other students received 13th rank in SAE Aero Design West international competition.

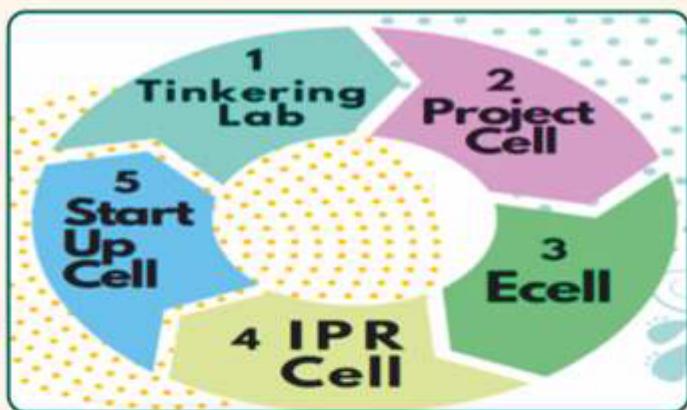


CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES

With the objective of holistic development, Fr. CRCE has a rich culture that nurtures various skills of students by providing them with a wide variety of Co-curricular and Extra-curricular activities. The Student Council and the various Student-chapters seek to foster the intellectual and personal development of students while building a respectful, diverse, and inclusive community. Achieving this goal requires an ongoing partnership between students, faculty, and staff. Every council works towards the common mission of providing our students the opportunities they need for success in their academic and professional life.

Institution's Innovation Council (IIC)

The Ministry of Human Resource Development (MHRD), Government of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire, and nurture young students by supporting them to work with new ideas and transform them into prototypes. MIC has envisioned encouraging the creation of 'Institution Innovation Councils (IICs)' across selected HEIs. The Fr. CRCE IIC is an extremely active chapter that organizes Webinars, Leadership talks, Competitions, etc in line with this vision. In continuation with IIC activities, our Institute has joined the Campaign of implementing the National Innovation and Startup Policy (NISP) in Higher Educational Institutions (HEI) initiated by MoE Innovation Cell in June 2020. Dr. Anil Sahasrabuddhe, Chairman of NBA, NAAC, and NETF visited the project group of Fr. CRCE Students during the IIC regional meet.





IEEE (Institute of Electrical and Electronics Engineers) - CRCE

This Student chapter aims to provide an interactive platform for students to develop their professional and technical abilities. Its motive is to spread awareness regarding the upcoming developments in the field of technology and develop students' interest in these new advancements in technology. Like the parent organization, IEEE-CRCE strives to advance Humanity through Technology. It intends to create a platform through which IEEE members can grow as both engineers and individuals.



SAE (Society of Automotive Engineers) - CRCE

SAE-CRCE is the student chapter of SAE-INDIA. SAE project teams participate every year and win commendable positions in National / International competitions like SAE Baja at Indore, SAE Aero-design in Texas, USA, and SAE Supra. Workshops, seminars, and industrial visits in association with some top automobile companies like Voltas, Toyota, Tata Motors, etc are regularly organized by the chapter. SAE AEROTHON 2023: Team Mavericks UAS participated in SAE AeroTHON 2023, creating a report and PowerPoint presentation presented in Bangalore. They achieved the 48th rank out of 80 nationwide teams.





IIIE (The Indian Institution of Industrial Engineering) - CRCE

This chapter aims to bridge the gap between industry and academia for Mechanical and Production engineering students through expert workshops and industrial visits. IIIECRCE received the Best Student Chapter award at IIIE Belapur NHQ based on their performance in the last 3 years among the IIIE Mumbai student chapters. Kelvin, Kaviraj, and Daren from IIIECRCE council secured first prize in the Essay Competition organized by IIIE Mumbai on the occasion of Azadi ka Amrut Mahotsav.



Team ABADHA

Team ABADHA fabricates All Terrain Vehicles and Participates in National Level competitions which attained the following results in Achievements in 2023-24: Baja SAE India Sales Presentation: AIR 6th Design Presentation: AIR 20th CAE Presentation: AIR 5th Overall Rank: AIR 20th. To learn more about the team, visit our website
<https://teamabadhaofficial.web.app/index.html>





Team CRCE Formula Racing

The team fabricated Formula Racing Car and participated in Formula Bharat competition. For this season, competition was with the CRCE car and a second-year electric vehicle, achieving an overall All India Rank 4 as well as being the winners of the Engineering Design Presentation Event in Formula Imperial held at Buddh International Circuit, Greater Noida and an overall All India Rank 11 in Formula Bharat Competition held at Kari Motor Speedway, Coimbatore. These competitions bring ample opportunities of interaction with engineers from all over India, also students get an exposure to bundles of knowledge and Team CFR acts as a door to these opportunities. The aim of our 2023-24 season was to build a running, rule compliant electric race car which is performance oriented.



Team Vayushastra

Established in 2012 as the face of FR. Conceicao Rodrigues College of Engineering in the SAE Aero Design Competition is annually held in the United States where teams from across the globe participate. Among the different classes in the competition, the team has been participating in the advanced class of the SAE Aero Design Competition and has maintained a position in the top 10 teams worldwide.

The manufacturing phase for the current year's aircraft commenced in December 2023, with significant progress achieved by February 2024.

Designing a suite of systems that supports the fight against wildfires through the delivery of water and parts for a ground vehicle is the goal of Vayushastra. Ground Transport Vehicle (GTV) was safely delivered to the ground through a powered and autonomously guided aircraft PADA. Due to the global pandemic team could only participate in design report and presentation rounds in which it was able to secure 4th rank and 6th rank, respectively, and 5th rank globally.





Fr. Conceicao Rodrigues Memorial Debate (CRMD - 2023)

The Intercollegiate Fr. Conceicao Rodrigues Memorial Debate is a much anticipated annual event among the literary circles of the city. With twenty-five consecutive years, the two-day National level Debate aims to provide a forum for today's youth to articulate views and engage in a dialogue on myriad affairs that affect all our lives, directly or otherwise. The quality of thoughts and ideas expressed by students over the past debates has been lauded by all those who have witnessed the event.

Fr. Conceicao Rodrigues College of Engineering successfully hosts its two-day National Flagship event, Conceicao Rodrigues Memorial Debate (CRMD) with various themes, the recent one being The Indian Agenda: Global Influence and Dominance. This intermediate Oxford-style debate competition had 32 promising Teams from all over India eagerly anticipating bagging the esteemed trophy with their debating intrepidity, grappling with their words for the first prize. These teams, armed with their rhetorical skills and persuasive prowess, vied for the top honors, including a substantial first prize of Rs. 40,000 and a second prize of Rs. 25,000. The event also recognized excellence in individual performance, with Rs. 7,500 earmarked for the best speaker and the best adjudicator. The convergence of talent and intellect from all over the country elated the intellectual rigor of the event with interactive engagements from teams of colleges like VJTI, SPIT, SNDT, NMIMS, to mention a few.





ENTREPRENEURSHIP CELL

The mission of E-cell CRCE is to germinate the idea of entrepreneurship and develop the students to face the entrepreneurial challenges of tomorrow. The vision is to develop a strong relationship between our students with our experienced alumni and experienced members of the business fields, allowing our students to have a dynamic mindset before starting their entrepreneurial voyage. With this Mission, Vision, and Values, this council plans to follow as a group and as individuals for the betterment of the entrepreneurial ecology of our prestigious institution and thus helping the students of Fr. Conceicao Rodrigues College of Engineering. In the academic year 2023-24, E-cell has organized Idea Competitions in Phase I, II and III showcased innovative concepts ranging from sustainable energy to agriculture and healthcare. Events related to Igniting Innovation and Problem-solving, Puzzle Pursuit: Unleash Your Innovation, Engaging with the Startup Ecosystem, Smowcode Presentation, and Crescendo 2024: Formula Unicorn empowered students to become future innovators and leaders in the business world.



NSS (National Service Scheme)

Fr. CRCE- NSS council is registered under University of Mumbai. The Motto of the National Service Scheme (NSS) is "Not Me but You". Its service goal also calls for an educational approach to solving community problems. The purpose is to help the community to recognize its needs and to assist in the mobilization of resources to meet their needs. This helps students to understand concepts like Community, social structure, power conflict, etc. occurring in real-life situations. Some of the NSS activities are the Blood Donation Drive, Tree-plantation drive, woman's Safety, Visit to Sneha -Sadan, Beach Clean-up Drive, Crowd Management, Meri Mati Mera Desh, orphanage visit, FSAI Survey, Yiva Samvad, Tarang, Mission Mangrooves, etc.





The Rotaract Club

The Rotaract Club of CRCE has been affiliated with the Rotary Club of Bombay, Bandra. The Rotaract Club of Fr. CRCE works for a social cause to make lives better and promote goodwill and peace in the society. In the academic year 2023-2024, the Rotaract Club of Fr. Conceicao Rodrigues College of Engineering (FrCRCE) orchestrated a series of impactful events like

"Footslog," a trek to Irshalgad, with 200 enthusiastic students, beach Cleanup, "Joy of Giving" took the form of an interaction with the children of Fr Agnel Ashram, embodying the spirit of social responsibility. The pinnacle event, "Heart and Sole Run," drew a remarkable 1000 participants, transcending physical boundaries to symbolize unity and determination.



TEDx-CRCE

TEDxCRCE allows our stage to host personalities who have a sheer passion to have an impact on our society be it political, social, technological, or cultural. The speakers share their belief in their ideas which allow them to move the masses, the extent of their success, and the evolution/termination of their ideas in due course due to the constant changes taking place worldwide. In addition to this, this chapter organizes technical activities like the Internship expo and resumes building sessions. Further, the council is also involved in various events related to social work through Community Services like Volunteering drives, Food Rescue Operations.





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With the goal of normalizing our shortcomings, acknowledging that everyone has imperfections in life, and sharing the imperfections that our speakers have encountered, the TEDxCRCE Annual

Technical Festival

CResCEndo is the Annual Inter-collegiate Technical Festival of Fr. Conceicao Rodrigues College of Engineering, Bandra. It is a platform for students to explore their technical skills and originality through innovative events spread over two days. The tech jamboree commenced on 9th March and continued till 12th March 2023, unearthing the theme- "Kaleidoscope"- the technical mirage. 600 + student-entrants from colleges and universities of and outside Mumbai, projected their technical skills to pull up a healthy competition.



Cultural Festival

Euphoria is an exclusive tradition at Fr. Conceicao Rodrigues College of Engineering, that enlists a series of events and captures the festival culture, displaying music and dance in its vibrant shades. The Cultural Flagship event, EUPHORIA, was successfully hosted on the 14th, 15th, and 18th of March, 2024. The theme for Euphoria 2024 was MIRAGE, BEYOND THE FACADE. The theme invited participants to delve into the realms of illusion and reality, exploring the hidden depths beyond what meets the eye. The theme encouraged creativity, introspection, and imagination. To heighten the feeling of happiness, the cultural days of Euphoria were separated into days: 12th March 2024-Floral Day, 13th March 2024- Twin Day, 14th March 2024- Traditional Day, and 15th March 2024 – Bollywood Day.



Google Developer's Student Club (GDSC)

- ◆ Slayde Sequeria and Emin Joy were first runners-up in TechVista 2024 organized by Algozenith CRCE.
- ◆ Slayde Sequeria, Jenny Lopes, Janvi Naik, and Janice Dcruz were among the finalists in the Bit-n-Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th February 2024.
- ◆ Slayde Sequeria and Chhand Chaughule were among the finalists in the ACE Hacks hackathon organized by GDSC and CSI at Atharva College of Engineering, Malad.
- ◆ Mark Tuscano was among the finalists in Bit-n-Build'24 held by GDSC-CRCE.
- ◆ Team Kesari of Amey Bagwe, Vailanthan Fernandes, Wesley Lewis, and Shoydon Alphonso was among the finalists in the Bit n Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th Feb 2024.
- ◆ Team AlphaQ of Simona Rumao, Nishant Patil, Desmond Antony, and Anurag Thakare was among the finalists in the Bit n Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th February 2024.
- ◆ Team Unreal of Prince Dabre, Mark Tuscano, Ashvini Chauhan, and Nash Dabre was among the finalists in the Bit n Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th February 2024.
- ◆ Team Terminal Evolvers of Charmi Tank, Edrynn, Eazhakadan, Shaun Pimenta, and Aiden Samuel were among the finalists in the Bit n Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th Feb 2024.
- ◆ Team Error404NotFound of Joel Nazareth, Nimish Patil, Melbin Koshy, and Madhav Jha was among the finalists in the Bit n Build 2024 final Hackathon held by GDSC-CRCE on 24th-25th February 2024.



Smart India Hackathon (SIH)

Team 'Digital Pirates' won the Smart India Hackathon 2023 organized by the Government of India (Ministry of Education) & AICTE for the problem statement "**Creation of single source platform for vessel registration and seafarers license**", under the Transportation & Logistics domain provided by the Ministry of Ports, Shipping and Waterways (India). Smart India Hackathon (SIH) – A total of 52 teams participated in the internal hackathon guided by 15 judges, our Alumni with industry experience on 16th September 2023. Total 6 teams were selected at the final SIH2023 and 3 teams won the prizes





SPORTS

Sports is a discipline accessible to everyone. It gives everyone a level playing field to showcase their talent and prove their skills irrespective of their age, gender, religion, etc. With this core principle of equality in mind, a multitude of events were organised with participation open to students. As it was an INTER COLLEGE event there were many outside college participation such as K.P.B.Hinduja, KC, Vivekanand, DY.PATIL, SFIT, GLC Mumbai and many more. We at Fr. Conceicao Rodrigues College of Engineering began the year with the opportunity to get our students back out on the field and strive to achieve excellence beyond the classroom walls as they have done for many years. FE ECS student Niva Thakur participated in the All India Inter-University Games held at Guru Nanak Dev University, Amritsar, Punjab from 18th to 21st March under Artistic Gymnastics where her team representing the University of Mumbai won the silver medal (National Level).



CONVOCATION - 2024

Graduation is the most awaited and glorious occasion in the life of a student pursuing their dream through four rigorous but illuminating years. Students gathered together to celebrate and witness the grand event of the Degree Certificate Distribution Ceremony of the class of 2023, held in Ranga Sharda Auditorium on the 23rd of March, 2024.





PLACEMENT

The Training & Placement Office (TPO) caters to the industrial training needs of the students through internships, and skilled courses and facilitates placement to students through on-campus, off-campus & pooled campus hiring program. Multinational and reputed Indian conglomerates regularly visit our campus each year for their talent requirements.

The TPO cell prepares students for interviews and prospective workplaces. Careful and systematic preparation is initiated and sustained for this purpose. The TPO cell takes pride in offering student services on a wide range of issues such as employment, career planning, opportunities available, etc. thereby preparing students effectively for their careers. As a result of the highly focused and continuous efforts of the TPO cell, every year almost all eligible students are placed. Many students also fetch multiple placements. Our consistent placement record is a testimony to the faith that corporates have in our institute with the belief that we are living up to our mission of 'MOULDING ENGINEERS WHO CAN BUILD THE NATION'.

Every year, the institute continues to enjoy the confidence of the corporate world as substantiated by the good placement season, even in the challenging period for the academic year 2023 – 2024. The unique student-driven culture of the institute, the robust corporate engagement model due to the efforts of the training & placement cell & planned academic rigor have consistently resulted in the increase in academic levels of the students. Here the institute believes in the holistic development of each & every student; it lays a strong emphasis on the aspect of corporate training & placements for each & every graduating batch of its students. Students get opportunities to participate in campus placement selection in various companies offering technical & non-technical profiles; across different industry roles in multi-faceted domains.





Following are some of the highlights of the placement for the academic year 2023 - 2024

- ◆ CTC offered by Dolat Capital with a CTC of 18 LPA
- ◆ The average CTC offered is INR 6.5 LPA, across all streams and 9 LPA in the circuit streams while the median CTC is INR 6.8 LPA. 70% of interested students placed during the academic year 2023-2024.
- ◆ Around 200 placement offers rolled out for the batch of 2023-24 & 40 companies participated in the placement process.
- ◆ Nearly 30% of students have opted for higher studies after graduation.
- ◆ 250+ students have pursued internships with reputed corporates during the academic year 2023-2024.



HIGHER STUDIES

Some of the foreign universities and higher education institutes in India where our students get admitted for PG courses in Technology / Management are:





HIGHER STUDIES





OUR PRIDE - OUR ALUMNI



ABHINAV MEHROTRA
(2008 Batch Computer)
Creative Developer at Sony Pictures Entertainment



AJAY PATIL
(1995 Batch Production)
Vice President & Site Head, JCB India Ltd



AYUSH JAIN
(2013 Batch Electronics)
UtopiaTech – Enterprise IoT Startup



DHIRAJ GHURKHE
(2014 Batch Info Tech)
Data Scientist at Facebook



DILEEP ABSE
(1997 Batch)
MD & CEO, NPCI



FATIMA AHMED
(2007 Batch Info Tech)
Deputy Vice President at Axis Bank



KIRAN MANKAME
(2015 Batch Electronics)
Space Research & Education, NASA ISAC 2020



NEHA GHOULKAR
(2011 Batch Info Tech)
Datacentre CPU Global Architect, Intel



SHAREEN KITTERMAN
US Diplomat



STUDENTS' WALL



Rahul Bothra (Computer Engineering)

Walking into Fr. CRCE for the first time, I felt a mix of excitement and nervousness. Little did I know, this place would soon become a second home, a hub of learning, friendship, and personal growth. Our professors are mentors who encourage us to think critically and push our boundaries. One of the highlights of my time here has been the hands-on projects and internships.

Beyond academics, Fr. CRCE offers a vibrant campus life. The various clubs and societies, from the Students' Council to Google Developer Student Clubs, have provided me with platforms to explore my interests and talents. Organizing and participating in the annual college fest Euphoria and BitNBuild, has been exhilarating. Fr. CRCE has been more than just a college; it has been a crucible of my transformation. As I prepare to step into the professional world, I carry with me not just a degree, but a wealth of knowledge, experiences, and memories. Thank you, Fr. CRCE, for shaping me into the engineer and person I am today.



Joshua Dmello (Computer Engineering)

"Iron sharpeneth iron; so a man sharpeneth the countenance of his friend." This verse resonates with me when I think of my peers at Fr. CRCE. The knowledge I have gained in such a short span is simply unrivaled. The college offers a plethora of opportunities and skills to learn from across all aspects of technology. Fr. CRCE has the perfect environment conducive to all-round growth and development. It allows every student to embrace and tackle real-world scenarios effectively.



Suraj Bandekar (Mechanical Engineering)

I see the wide range of opportunities Fr. CRCE offers. Beyond the stunning scenery, the college provides a wealth of resources: faculty with industrial experience and expertise, vibrant cultural and technical fests, and numerous chances to enhance and explore both communication and technical skills. Additionally, Fr. CRCE is renowned for its rigorous academic programs, Industry-accurate Workshops, and an environment that supports learning while also fostering personal and professional growth, this college is an excellent choice for dedicated students aiming to excel in every part of their lives.



STUDENTS' WALL



Santo Sunny (ECS)

My four years at Fr. CRCE have been nothing short of extraordinary. It was fun and memorable to have healthy competition across the branches and years in various Technical, Sports, and Cultural events. Respecting my seniors and juniors equally has led to great memories and invaluable learning from their experiences. Though downfalls and failures came my way, the Professors were there to support and guide me through. The college has significantly contributed to my growth, and in turn, I love to influence others positively based on my experiences. Now, as I embark on the journey of building my startup, I realize how profoundly Fr. CRCE has shaped my entrepreneurial spirit. Fr. CRCE has been a transformative chapter of my life, preparing me to face the future with confidence.



Eram Saiyed (Computer Engineering)

CRCE has truly shaped my life as an individual not just in the academic sense but also from the perspective of overall development. The challenges faced, the new friends made by our eminent Professors who are always supportive of the students, and the memories made here at the cultural, technical, and sports events, will always stay with me throughout my life. It is not just the scenic beauty that highlights how special this institution is, but the people you meet and the valuable lessons you learn throughout your journey not just related to engineering, but also as an ethical professional, living up to the motto, it truly moulds engineers who can build the nation, and it is a privilege to have the opportunity to be one of them. Thanks to Fr.CRCE.



Lenroy D'Souza (Artificial Intelligence & Data Science)

CRCE has become an integral part of my life, and it feels incomplete if I'm not in college. Be it the lectures, practicals, visiting the canteen, or participating in technical, cultural, and sports events, CRCE has provided me with an exceptional environment that I couldn't have imagined being any better! And let's not forget the breathtaking scenic beauty of the campus and its surroundings which is truly serene and captivating. Undoubtedly, CRCE is home to the most incredible and dedicated faculty. The Professors have been immensely helpful at every step of my two-year engineering journey. Their support extends beyond academics, as they have also guided us in extracurricular activities, encouraging us to think innovatively and help mold us into better individuals. After two beautiful years here, I feel fortunate to be a part of this prestigious institution and eagerly look forward to the next two years. I am confident that these four years will be the ones I cherish and fondly reminisce about with a broad smile on my face!



SCHOLARSHIP SCHEMES

Fr. Conceicao Rodrigues college of Engineering Provides support for various Government and Non-Government scholarships to help needy students for their education. List and Information about the scholarship are as follows.

1. Government Scholarship Schemes

- ◆ Government of India Scholarship for ST, SC, OBC, VJ-NT, SBC
- ◆ EBC scholarships by DTE
- ◆ Minority Scholarships

AICTE scholarship schemes for Students: Following scholarship schemes of AICTE are available for the students:

PRAGATI SCHOLARSHIP SCHEME

Empowering 4000 girl students (2000 for Degree & 2000 for Diploma) every year by providing financial support to pursue Technical Education

Avail upto ₹ 50,000/- per annum
(₹ 30,000/- as Tuition Fee + ₹ 20,000/- as Contingency Fee)

< Eligibility >

The candidate should be admitted to 1st year of Degree/Diploma course in any of the AICTE approved institution of respective year.

The selection of candidate will be made on merit basis of qualifying examination.

To avail the benefits, register on AICTE portal <http://www.aicte-pragati-sashakti.gov.in>

Scan QR code for the scheme document

FROMHOMECITY SAHCTH INDIA

Scholarship scheme for Girl students

SAKSHAM SCHOLARSHIP SCHEME

Providing financial support to 1000 (500 for Degree and 500 for Diploma) specially-abled students to pursue Technical Education every year

Avail upto ₹ 50,000/- per annum
(₹ 30,000/- as Tuition Fee + ₹ 20,000/- as Contingency Fee)

< Eligibility >

The candidate should be admitted to the first year of Degree/Diploma course in any of the AICTE approved institutions of respective year.

To avail the benefits, register on AICTE portal

Scholarship Scheme for Specially-abled students

Alumni Association of Fr. Conceicao Rodrigues College of Engineering

SCHOLARSHIPS OFFERED BY ALUMNI (2022-23)

Stale Scholarship
Offered by Suresh Balakrishnan
Alumni BE, Production 1995
Scholarship offered: ₹ 5,00,000
Beneficiaries: 7

Offered to
1. Vaishali Parmar (BE Comp)
2. Vaibhav Sankari (BE Mech)
3. Virajith Mehta (BE Mech)
4. Bishno Shreshtha (TE Mech)
5. Shubham Goyal (TE AIDS)
6. Satwik Shetty (TE ECE)
7. Vishal Sarewal (TE ECE)

OurSocialGood Scholarship
Offered by Pavan Savant
Alumni BE, Production 1994
Scholarship offered: ₹ 10,000
Offered to Anushka Patel (FE AIDS)

Offered by Pavan Shetty
Alumni BE, Electronics 1992
Scholarship offered: ₹ 50,000
Offered to Melton Koshy (SE Comp A)

Total Scholarship Offered : ₹ 4,50,000

Email: alumni@fragreat.edu.in

SSPCA

SUPPORT TO STUDENTS FOR PARTICIPATING IN COMPETITION ABROAD

A scheme to provide financial support to engineering students to participate in International scientific events by AICTE

Get upto ₹ 10 Lakhs*

For a team of maximum 10 students as a grant from AICTE

WHO CAN APPLY
Team of 2-10 students undergoing a technical course notified by the council in a AICTE approved institute

HOW TO APPLY
The applications should be sent to AICTE, New Delhi

SSPCA- Support to Student for Participating in Competition Abroad

Alumni Association of Fr. Conceicao Rodrigues College of Engineering

SCHOLARSHIPS OFFERED BY ALUMNI

Total Scholarship Offered in 2022-23: ₹ 4.5 Lakhs

1. Stale Scholarship
Offered by Suresh Balakrishnan
Alumni BE, Production 1995

2. Offered by Milind Mekare
Alumni BE, Production, 1995

Total Scholarship offered in 2020-21: ₹ 6.7 Lakhs

Stale Scholarship
Offered by Suresh Balakrishnan
Alumni BE, Production 1995

Stale Scholarships have been announced annually since 2019

Email: alumni@fragreat.edu.in

PG SCHOLARSHIP POST GRADUATE SCHOLARSHIP SCHEME

An AICTE's initiative to provide scholarship to full time DATE/ DPAT qualified students of AICTE approved Institutes/ Departments pursuing Post Graduation in

+ Engineering + Technology - Architecture + Pharmacy

HOW TO APPLY
Students HOW TO APPLY
Email ₹ 12,400/- per month

HOW TO APPLY
AICTE PORTAL

Scan QR code to know more about the scheme

Post Graduate Scholarship Scheme

2. Non - Government Scholarship Schemes

- ◆ Bluestar Foundation scholarship
- ◆ Narotam Sekhsaria Foundation Scholarship
- ◆ JSW Scholarship
- ◆ Ratan Tata Foundation Scholarship
- ◆ STULZ-CHSPL FOUNDATION - Alumni Scholarship
- ◆ British Council Scholarships for Women in STEM
- ◆ Vidyasaarathi: NSDL e-Governance Infrastructure Limited



CAREER KATTA



(Career and Entrepreneurship Counseling, Skill Development, Internships, Placement, etc.)

Career Katta is an initiative of the Department of Higher and Technical Education, Govt of Maharashtra, and in coordination with Maharashtra Information Technology Support Centre. The college conducts various activities to guide students about Career, Competitive Examinations (UPSC, MPSC, Banking, SSB, SSC, Police, LIC, etc.), Entrepreneurship, Skill Development, Credit Earnings under the new CBCS and NEP Curriculum Framework, Internship, and Placement Opportunities, etc.

Eligibility to Join:

Any student admitted for any regular course in the college or college alumni referred by College Coordinator.

Registration Fees: One Time Rs. 365 for a Three-year degree period (Rs. 0.36 per day), which will be reimbursed in the form of a subsidy on examination charges of CBCS. It includes free access to all the activities, courses, State Level Competitive Exams, etc.

How to Register: Download the MITSC application from Google Play Store and pay fees using any online payment mode.

College Code: T 480

Contact: For more details, visit the college webpage, <http://fragnel.edu.in> or contact Coordinator Mr. Mahesh Sharma, 02267114045, or Career Katta Helpline at 75076 52555.

करियर कट्टा मध्ये
विद्यार्थ्यांनी नाव नोंदणी
करण्यासाठी



यूट्यूब वरील उपक्रमांमध्ये
सहभागी होण्यासाठी
सबस्क्राईब करा



करियर कट्टा नियमित उपक्रमाची
माहिती मिळवण्यासाठी
सबस्क्राईब करा



हेल्पलाइन नंबर : 750 765 2555



ADMISSION DETAILS

The Admission process will be followed as per the rules prescribed by State CET Cell / Government of Maharashtra / DTE. Visit www.mahacet.org website for Registration and the Centralized Admission Process.

INSTITUTE LEVEL SEATS :

The seats to be filled at the Institutional level will be notified in National /State Newspapers. Details can be obtained from the Institute's website www.frgnel.edu.in.

FEE STRUCTURE (2024-25)

The Fees for the Academic Year 2024-25 is as approved by the Fee Regulating Authority. For Under graduate-1,81,000 INR, For Post-graduation-1,05,000 INR.

Visit Institute's website www.frgnel.edu.in for the updates.

For details pertaining to Fees structure, visit website www.mahafra.org.

Any additional fees as recommended by statutory bodies will be applicable.

The Fees can be paid through payment gateway / NEFT / RTGS or Pay Order / Demand Draft drawn on "Fr. Conceicao Rodrigues College of Engineering" payable at Mumbai. Visit Institute's website for details.

ACTION AGAINST RAGGING :

All candidates are hereby informed that ragging of any kind is not permitted. Ragging is an offense punishable by law and any form of ragging will be taken very seriously.

Strict disciplinary action will be taken against any one indulging in any form of ragging. If any candidate has any complaint of ragging or if any candidate is aware of others being ragged, it should be brought to the notice of the Management.

Anti Ragging Committee - <http://fragnel.edu.in/index.php/students/grievances/ars>

Internal Complaints Committee - <http://fragnel.edu.in/index.php/students/grievances/icc>

Students Grievance Redressal Committee -

https://fragnel.edu.in/images/2023/Student_Griev_SGRC_2023.pdf

Women Development Cell - [https://fragnel.edu.in/index.php/students/grievances/wdc](http://fragnel.edu.in/index.php/students/grievances/wdc)

Nirbhaya / Anti-Narcotics Suggestion box is kept on ground floor to collect information anonymously related to such anti-social activities and to take appropriate action based on such information.

Insurance : Students are covered under 'Yuva Raksha' Group Insurance Scheme.

Educational Loan : The Institute encourages and facilitates Educational Loans from reputed banks under Vidyalakshmi Scheme of Govt. of India.

For further details please contact Office of the Registrar.

Important Note : Candidates & Parents please navigate through our website to learn more about the Institute and its activities - www.frgnel.edu.in



THE STUDENTS' COUNCIL 2024-25

Students' Council is the apex student body at Fr. Conceicao Rodrigues College of Engineering. The primary responsibility of the students' council comprises standing strong as a bridge between the students, faculties, and administration.

While it seeks to address and resolve issues that the students may face, the Student Council also relentlessly strives to enrich the campus experience. The Council is a group of well-coordinated and vividly talented individuals responsible for the student activities and the vibrant campus life at Fr. CRCE.

The Senior Council

Chris Gracias President	Saiyed Eram Mohd. General Secretary	Dsouza Juvana Literary & Cultural Secretary	Harsh Vishwakarma Technical Secretary	Mendes Keenan Santan Sports Boy's Secretary	Larissa Martis Sports Girl's Secretary	Allison Daniel Film & Music Society Secretary
Janhavi Singh Additional Societies Secretary	Ramona Lobo PR Head	Harshvardhan Gautam Marketing Head	Arya Patil Design Head	Joyvin Mendonca IIC Innovation Co-ordinator	Varshil Shah IIC IPR Co-ordinator	Bhushan Naik IIC Start-up Co-ordinator

The Junior Council Representative

Yashdeep Kulkarni Boy's Sports	Devona Lewise Girl's Sports	Karen Carvalho Film & Music	Tanaya Bane Film & Music	Shreeya Kaibhor Literary & Cultural
Shravya Shetty Literary & Cultural	Prabhanshu Dwivedi Technical	Aryan Singh Technical	Anshu Jadhav Additional Societies	Shuddhay Salunkhe Additional Societies



How to reach us



**Fr. Agnel Ashram, Bandstand,
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