



MOULDING ENGINEERS WHO CAN BUILD THE NATION

INSTITUTE CODE 3184

Fr. Conceicao Rodrigues College of Engineering (Fr.CRCE)

An Autonomous College affiliated to University of Mumbai



PROSPECTUS
2026-27

Accredited by NAAC & NBA

Where Curiosity becomes Capability
Making of an Engineer

www.frcrce.ac.in | crce@fragnel.edu.in



ACCREDITATION & RANKING



'A' Grade by
National Assessment
and Accreditation Council



UG Programs in Computer
Engineering & Electronics
and Computer Science
Engineering (ECS), Accredited by
National Board of Accreditation
(NBA - India)



IIC-CRCE has received
a 3.5 STAR rating
in the Western Region for the
academic year 2023-2024.



Ranked 43rd among the top
175 Engineering Institutes in India,
42nd among Private
Engineering Colleges and 13th among
the Western Region Colleges
in India - 2026 Survey.



Grade AAA+ by
the Careers 360 ranking - 2024



India's 10 Best Christian Institutions
2025 category by Academic Insights
Education Excellence awards



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



Our mission is to deliver Centres of Excellence for the all-round development of the students. The prospectus will take you through your growth path and future prospects.



I am delighted to welcome you as a prospective student to the autonomous Fr. Conceicao Rodrigues College of Engineering which is affiliated to the University of Mumbai, in forging your career path.

Founded in 1984 by late Fr. Conceicao Rodrigues, CRCE has a rich legacy as one of the top engineering colleges in Mumbai, setting the benchmarks for excellence in education, for over four decades.

At CRCE, we offer professional world-class courses in close association with industry leaders and professional bodies to support your career aspirations.

Join us and gain from the expertise of well-qualified faculty members, state-of-the-art labs, smart classes, cutting-edge technologies, sports facilities, and more.

Another hallmark of CRCE is consistently facilitating successful job placements for our students, providing them with valuable career opportunities in reputed companies across diverse industries.

FROM THE PRINCIPAL'S DESK

Greetings from

Fr. Conceicao Rodrigues College of Engineering (Fr.CRCE)!!

As an Engineering aspirant facing the daunting task of deciding the Institute where you would be spending 4 formative years, a myriad of thoughts running in your head. This is true for almost all of your peers as this transition to an engineering student is a major one. The decision to select the branch/department and the Institute should be done carefully as this could be life altering.

- The decision could be driven by a few factors:
- Interest in a particular field/domain
- Career opportunities
- Trends in technology
- Faculty qualification and experience
- Laboratory infrastructure
- Campus life, etc to name a few.

Fr. CRCE offers a range of under-graduate, post-graduate and doctoral programs in core areas including Electronics, Mechanical and Computer Science. Boasting of a rich legacy of successful Alumni holding key positions in National and International organisations/companies, we have been a key player in Engineering Education over the last 4 decades.

The industry requirements have changed in the past few years with recruiters looking for engineers with an aptitude towards self-learning and adapting to newer technologies. Today's graduates are expected to be well-rounded in terms of soft skills as well as critical thinking. At Fr. CRCE, we offer an autonomous curriculum which is curated to develop these necessary skills in the students. The curriculum comprises a wide range of courses including technical, skill-based, multi-disciplinary, liberal learning, etc. Our experienced and energetic faculty members employ innovative teaching-learning methods to motivate and engage the students. The Fr. CRCE campus is vibrant throughout the year with co-curricular and extra-curricular activities ranging from Technical fests, cultural fests, debate competitions, Hackathons, etc giving every kind of student an opportunity to take up some activity besides academics.

Our excellent placements and internship culture stand testament to our commitment.

We welcome you to a part of our Institute and be assured to have taken the first step towards a glorious future.

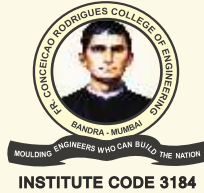


Dr. Sapna Prabhu
Principal

“

We are committed to academic excellence by way of a strong foundation in core engineering complemented with good practical exposure.

”



Fr. Conceicao Rodrigues College of Engineering

“

***Moulding Engineers
Who Can Build The Nation***

”



VISION

To be a leading institution in education, transforming students into globally competent professionals with strong ethical values, innovation capabilities, and a commitment to sustainable societal development.

MISSION

Develop industry-ready engineers with strong academic foundations, practical skills, and an entrepreneurial mindset capable of addressing industry and societal needs.

Cultivate a culture of innovation and research to address real-world challenges through interdisciplinary approaches and sustainable practices.

Foster a vibrant industry-academia ecosystem by actively engaging faculty and students in knowledge exchange, collaborative learning and professional skill development.

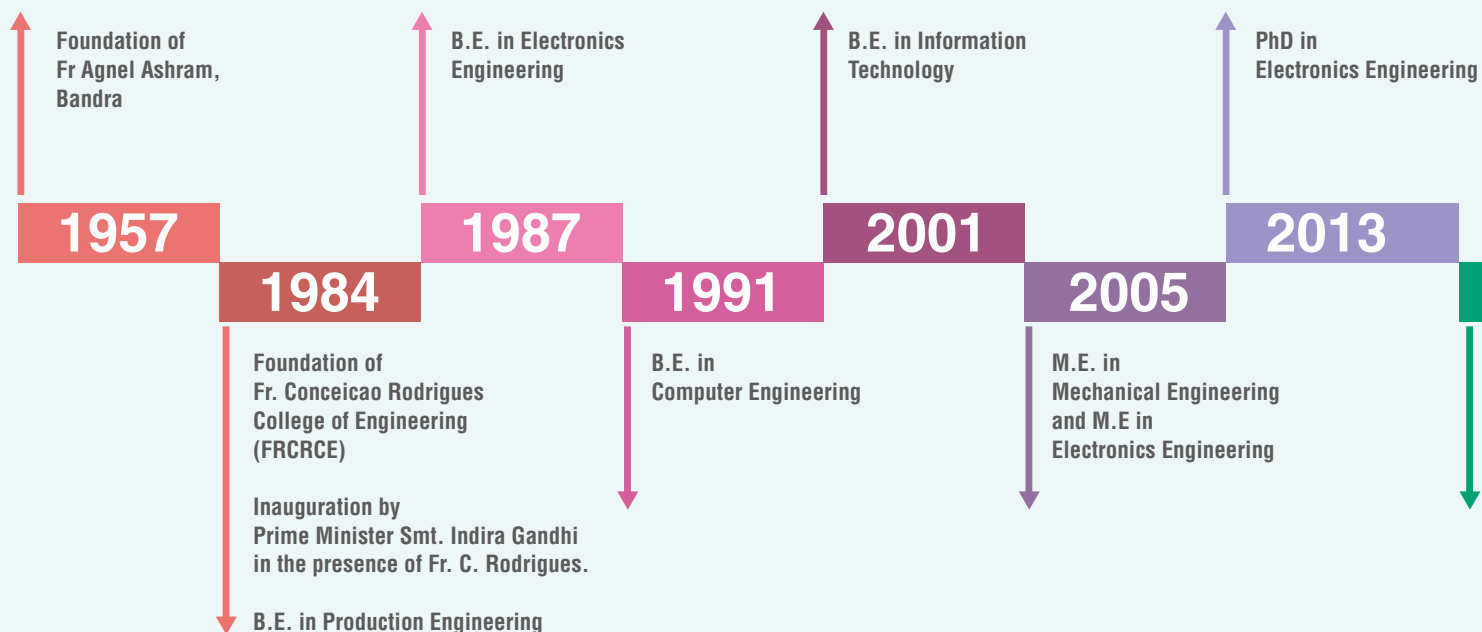
WHY ENROLL AT FR. CRCE ?	08
THE GENESIS	09
GOVERNING COUNCIL	10
COURSES OFFERED	11
CENTRAL RESOURCES	12
DEPARTMENT OF HUMANITIES & SCIENCE	14
DEPARTMENT OF COMPUTER ENGINEERING	16
DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE	18
DEPARTMENT OF MECHANICAL ENGINEERING	20
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING	22
CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES	24
PLACEMENT	37
HIGHER STUDIES	38
OUR PRIDE : OUR ALUMNI	39
STUDENTS' WALL	40
SCHOLARSHIP SCHEMES	41
CAREER KATTA	41
ADMISSION DETAILS 2026-2027	42
STUDENTS' COUNCIL 2026-27	43



WHY ENROL 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'.
- ▶ Curriculum model 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 TIMELINE



THE GENESIS

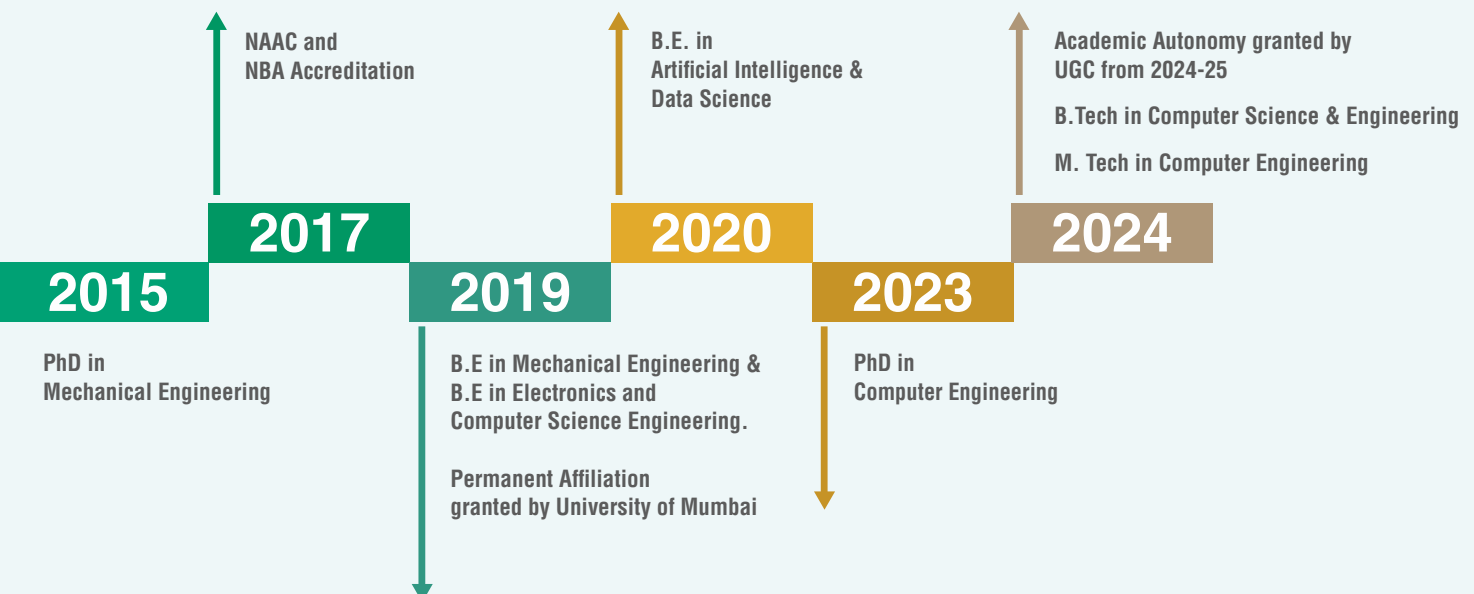
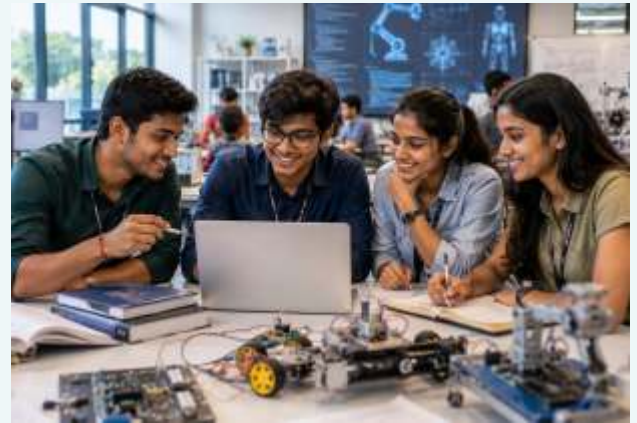
Fr. Agnel Ashram was founded on June 9, 1957, in Bandra, Mumbai on a piece of land known as “Land's End” with the aim of fostering, through Educational and Charitable Institutions, love and understanding amongst the people of various communities of India and contributing towards India's development and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

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 Postgraduate Programme, and three Ph.D. Programmes, with a total strength of over 1200 students.





GOVERNING COUNCIL



Rev. Fr. Alarico Carvalho
Chairman of the Society / Trust



Rev. Fr. Valerian D'Souza
Director of Agnel Technical
Education Complex
Trustee of the Society / Trust



Fr. Agnelo Gomes
Director, Agnel Technical
Education Complex, Verna, Goa



Dr. Uttam D. Kolekar
Principal, A.P. Shah Institute of
Technology, G.B. Road, Thane



Fr. Trevor Pereira
Assistant Director,
Fr. Agnel Ashram,
Bandra (West), Mumbai



Fr. Peter D'Souza
Managing Director,
Agnel Technical Education
Complex, Vashi, Navi Mumbai



Dr. Sapna Prabhu
Principal, Fr. Conceicao Rodrigues
College of Engineering.



Dr. Baylon G. Fernandes
Professor, IIT Bombay



Dr. S.M. Khot
Principal, Fr. Conceicao Rodrigues
Institute of Technology,
Vashi, Navi Mumbai



Dr. Srija Unnikrishnan
Retired Principal of
Fr. Conceicao Rodrigues
College of Engineering,
Bandra, Mumbai



Mr. P.N. Jumle
Director, Board of Apprenticeship
Training Western Region,
Ministry of HRD, Govt. of India



Dr. Deepak V. Bhoir
Professor Electronics & Computer
Science, Fr. CRCE



Dr. Vinod Mohitkar
Director of Technical Education,
Maharashtra State
Government Nominee



Dr. Ashwin Kothari
Professor, VNIT,
Nagpur



Mrs. Merly Thomas
Associate Professor
Computer Engineering,
Fr. CRCE

COURSES OFFERED AT FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

B.Tech.

COMPUTER ENGINEERING - Intake - 180
COMPUTER SCIENCE AND ENGINEERING - Intake - 180
ELECTRONICS AND COMPUTER SCIENCE - Intake - 60
MECHANICAL ENGINEERING - Intake - 60

Ph.D.

MECHANICAL ENGINEERING - Intake - 10
ELECTRONICS ENGINEERING - Intake - 14
COMPUTER ENGINEERING - Intake - 10

M.Tech.

COMPUTER ENGINEERING - Intake - 18

Learners who earn a minimum of
168 credits will be awarded
'B.Tech in Engg. / Tech.
with Multidisciplinary Minor (MDM)' degree.

Learners will have the following options to earn B. Tech. in Engg. /Tech. degree in:

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

B. Tech with Multidisciplinary Minor

B. Tech with Double Minor (Multidisciplinary & Specialisation Minor)

B. Tech with Honours with Research and Multidisciplinary Minor

GUIDELINES FOR MDM AND DM DEGREE OPTION

UG Basic Degree	MDM Options included in Basic Degree	Double Minor (Emerging Areas) Options
Computer Engineering Computer Science & Engineering	1. Communication Engineering 2. Mechanical Engineering 3. Business Management 4. Healthcare Management 5. Design	1. VLSI Design & Verification 2. Internet of Things 3. Automation & Robotics 4. Sustainability
Electronics & Computer Science	1. Communication Engineering 2. Mechanical Engineering 3. Business Management 4. Healthcare Management 5. Design	1. Data Science 2. Automation & Robotics 3. Blockchain Technology 4. Cyber Security 5. Sustainability
Mechanical Engineering	1. Communication Engineering 2. Mechanical Engineering 3. Business Management 4. Healthcare Management 5. Design	1. Data Science 2. AI & ML 3. Internet of Things 4. Sustainability

CENTRAL RESOURCES

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, and videos can be accessed through “Knimbus E-books Virtual Library”. The library has Institutional Membership with IIT Library, Powai, and National Digital Library. The library has subscribed to “Turnitin”, an anti-plagiarism software. The Book Bank facility is extended to all students. Multimedia and Digital Library facilities are also available.





DEPARTMENTS OF FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

THE DEPARTMENT OF HUMANITIES & SCIENCE

THE DEPARTMENT OF COMPUTER ENGINEERING

THE DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE

THE DEPARTMENT OF MECHANICAL ENGINEERING

THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING





DEPARTMENT OF HUMANITIES AND 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 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 fulfil the requirements of the course curriculum.

Objectives of the Department

- To strengthen the fundamental knowledge in Physics, Chemistry & Mathematics.
- To develop the ability to communicate effectively as a technical professional.
- To provide an environment for working effectively in groups and follow ethical practices.
- To create a firm foundation to further the engineering education of the students.
- Motivated and experienced faculty.
- Faculties actively involved in coordinating co-curricular & extracurricular activities.
- Well maintained laboratories with state of the art equipment.
- Conducts an induction and orientation program for the first year students to adapt themselves to the rigorous engineering curriculum.
- Availability of a professional counselor in the department



Induction Programme

The Department organized a two-week induction programme for first-year students in accordance with AICTE requirements and the four-year academic journey that the students begin. The programme featured basics to core engineering subjects along with extra-curricular activities and sessions.



Elocution Competition

In collaboration with the Airport Authority of India Vigilance Awareness Week Campaign and The Debate Club, the department organized an Elocution Competition, focussing on the themes of integrity, ethical governance, and transparency.



Idea Competition

The department organised an Idea Poster and Presentation Competition for the students on the theme "From Elements to Ecosystems," aimed to encourage creativity, critical thinking, and scientific awareness among students.



Industrial Visit to CIBA

An industrial visit was organised for the students to the Centre for Incubation and Business Acceleration (CIBA), Vashi on 5th December 2025.





DEPARTMENT OF COMPUTER ENGINEERING

Established in 1991, the Department of Computer Engineering has continually adapted to meet the demands of the evolving technological landscape. As part of an autonomous institute, the department exercises academic freedom to design a flexible, interdisciplinary, and industry-responsive curriculum, fostering innovation, entrepreneurship, and research excellence. Currently, the undergraduate program admits 180 students annually. In response to the growing demand for higher technical education, the department introduced a Master's program in Computer Engineering with an intake of 18

students starting from AY 2024–25. To further strengthen research capabilities, a Ph.D. program in Computer Engineering was initiated with an intake of 10 scholars from AY 2023-24. The department is driven by a team of highly qualified, experienced, and dedicated faculty, committed to delivering excellence in teaching, research, and innovation. State-of-the-art infrastructure, modern laboratories, and access to advanced tools and platforms enable students to gain practical knowledge and engage in interdisciplinary research.

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 the emerging technologies
- Encourage faculty members to pursue higher education/research and stay abreast with the latest technology.

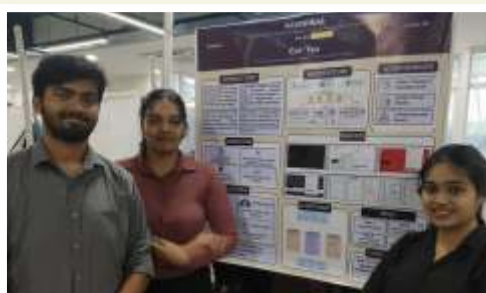


HIGHLIGHTS OF DEPARTMENT

- 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% on campus placement in the last 5 years
- Machine learning server and Cloud server available for experimentation
- Highly qualified and devoted faculty
- Internship with Research institutes and Industry
- More than 250 research papers published in reputed Journals/conferences in last 5 years
- 7 Patents granted, more than 18 Patents published by department in last 5 years
- Secured a prestigious consultancy project from AITTED
- Research grant of 4.80 lakhs was awarded under the DST TIH-IoTChanakya Fellowship Programme
- Student led startup NetFortress, incubated at AIC NIFIE, IIM Mumbai, GreenSense Technology, MediSense, BlockCarbon – 3 projects Pre-incubated at MU
- Industry mentored projects

NOTABLE ACHIEVEMENTS

- Team Netfortress is a DPIIT-recognized startup, currently incubated and pre-incubated at leading institutions such as IITB, VJTI.
- Team Enigma Trio secured 2nd winners @ The Economic Times AI Hackathon
- Team 4i won Smart India Hackathon SIH 2025 @ Ramaii University, Bangalore.
- Third Year Students won Gen AI Exchange Hackathon, Bangalore
- Final year Students secured Consolation Prizes @ the Avishkar 2025, Mumbai University State-Level Project Competition.
- TE students received consolation prize @ Sunhack 2025, National Level Hackathon organized by Sandip University, Nashik.
- TE students secured first prize @ Sunhack 2025 National Level Hackathon organized by Sandip University, Nashik



HIGHER STUDIES



Ms. Janice D'Cruz
MS, Computer Science



Mr. Vedant Chawardol
Masters in Management of Technology



Ms. Sanika Patankar
MS, Computer Science,



Vansh Thakkar
Master's in Artificial Intelligence





DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE

Established in 1987 as the Department of Electronics Engineering, the department was strategically revamped in 2019 as the Department of Electronics & Computer Science (ECS) to align with emerging technological trends and evolving industry demands. The programme offers a dynamic blend of Electronics and Computer Science with strong emphasis on Artificial Intelligence, Machine Learning, Cyber Security, Blockchain Technology, Big Data Analytics, IoT, Robotics & Automation, Embedded Systems, VLSI, Computer Architecture, Networking, and advanced programming technologies. With a

strong foundation in quality education, outcome-based learning, and practical-oriented training, the department continuously strives to bridge the gap between academia and industry. The curriculum has been carefully designed after extensive consultation with experts from academia & industry professionals to develop conceptual clarity, technical proficiency, innovation, and research aptitude among students thereby preparing them for competitive industries as well as higher education opportunities.

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.

HIGHLIGHTS OF DEPARTMENT

- NBA Accredited, committed to excellence in education, innovation, and industry-ready engineering learning.
- SPHERE (Supporting Placements & Higher Education Requirements in Engineering), initiative aimed at providing students with guidance, resources, and support in achieving their career objectives
- Innovative teaching and learning methodologies, including project-based learning and experiential learning.
- Industrial and educational visits to keep students updated with the latest developments in the technological domain.
- Seminars, workshops, and expert sessions conducted by industry professionals to bridge the curriculum gap.
- Excellent placement opportunities and rewarding internships for building successful careers.
- Holistic student development initiatives focused on imparting all-round education.
- Active support, guidance, and mentoring to help students grow in confidence and achieve their goals.
- Strong encouragement for extracurricular activities such as sports, technical competitions, hackathons, and cultural events.
- Official access to the Siemens EDA Academic Program, enabling industry-oriented learning in VLSI, semiconductor, and electronic system design using globally recognized Siemens Digital Industries Software tools.

SUMMARY OF NOTABLE ACHIEVEMENTS

- Dr. Swapnali Makdey - Honored with the “Most Influential Professor Award” at the 32nd Business School Affaire & Dewang Mehta National Education Leadership Awards 2025.
- Dr. K. Sailakshmi Paravathi & Dr. Inderkumar Kochar's - Mentorship led to 3 department students being granted TIH IIT Bombay CHANAKYA Fellowships 2026
- Prof. Jayen Modi - International resource person speaker for the 'Show & Tell' event of EDUtech Asia International Conference & Exhibition 2025 held in the Republic of Singapore
- David Porathur appointment as Campus Ambassador by the Centre for Development of Advanced Computing (C – DAC), Mumbai Centre for Development of Advanced Computing (C-DAC), Mumbai
- Latika Gupta & Anuj Naik Participation in SPOC Felicitation Workshop for being recognized NPTEL Star Performers
- Manasvii Patil, Thea D'cruz, Rohit Patil & Adwait Manjrekar 2nd Position (Runners-up) at 12 Hours WedDev Hackathon, VJTI, Mumbai
- Jostal Fernandes (ECS), Shardul Sant & Anish Godse 1st Position (Winners) at Hackathon 2.0 organized by Ministry of Tribal Affairs for Innovative Solutions for Tribal Welfare Indian Institute of Technology Delhi (IITD), New Delhi
- Saanvi Chamoli, Allan Fernandes & Atharva Chaudhary 1st Position (Winners) at Smart India Hackathon (SIH) – Hardware Edition organized by Ministry of Education's Innovation Cell Parul University, Vadodara (Gujarat)
- Saanvi Chamoli & Atharva Chaudhary 1st Position (Winners) of 'Best Social Media Presence Award' at HackCelestial 2.0 Hackathon (24 Hours) – Software Edition Pillai College of Engineering (PCE), New Panvel (Navi Mumbai)
- Arnav Manoj Reddy (National Level Basketball Player) Winner of multiple accolades, accomplished several achievements at University, State & National Levels in the sport of Basketball Participation at 'Khelo India' Games Competition (National Level)
- Aaron Saju, Steven Poonnam, Satyam Dhomse, and Zayne Dantis from First Year ECS for securing 1st Place at, Prakalp 4.0 FE Nova held at FRCRCE for their innovative project “JhaadPay.”
- A two-day hands-on workshop on 'Accelerating AI with FPGA' was jointly organized with the Department of Computer Engineering by Prof. Archana Lopes & Prof. Sangeeta Parshionkar.
- A two-day hands-on workshop was conducted by FOSSEE (IITB) resource persons on circuit simulation software 'E-Sim' organized by Dr. Deepak Bhoir & Prof. Binsy Joseph for second-year & third-year students.



Most Influential Professor Award 2025 National Leadership in Education



Talk as Resource Person at EduTech Asia 2025 Conference in Singapore



International Collaborations & Linkages



Award of Ph.D. Degree in Engineering Technology to Dr. Prajakta Bhargale





DEPARTMENT OF MECHANICAL ENGINEERING

Founded in 1984 as a Production Engineering program, the Department of Mechanical Engineering has a rich legacy of imparting quality technical education for over 35 years. It focuses on nurturing young minds into skilled technocrats and entrepreneurs who can adapt to evolving global industrial demands. In response to these changes, the Production Engineering program was transformed into Mechanical Engineering in the academic year 2019–20.

Students can also choose from a wide range of elective courses in tracks of Manufacturing and Management, and Design and Automation. The department offers Ph.D. programs and research opportunities supported by various grants. The department is equipped with advanced laboratories in areas such as Machining, CAD/CAM, CNC Production, Automation,

Modeling and Simulation, HVAC, Turbo-machinery, Materials and Metallurgy, Thermal Engineering, Industrial Engineering and Operations Management. The faculty consists of highly qualified members, many holding doctoral degrees and notable research publications. The department maintains strong ties with reputed organizations such as Larsen & Toubro, Godrej & Boyce, Siemens, Mahindra & Mahindra, Mercedes-Benz, Tata Consultancy Services, Mazagaon Dock, and Accenture. These collaborations promote industry–institute interaction through seminars, workshops, internships, and placements. Students have successfully pursued higher education at prestigious universities worldwide, including Harvard, MIT, Cornell, Georgia Tech, UTEP, Delft, and KTH often with financial support.

VISION

To be a leading department transforming young minds into creative and ethical mechanical engineers committed to engineering excellence and societal well-being

MISSION

- Provide quality education that builds strong engineering fundamentals and technical competence, preparing students for professional excellence.
- Nurture innovation, critical thinking, and problem-solving skills through modern engineering tools and multidisciplinary solutions to real-world challenges.
- Promote research and collaboration with industry and professional bodies to develop sustainable, ethical, and socially responsible engineering solutions.



Mechanics Laboratory



Turbo Machinery Laboratory



HVAC Laboratory

NOTABLE ACHIEVEMENTS & HIGHLIGHTS

- Many industry professionals and alumni have delivered expert talks, seminars, and lectures for student development. Recent sessions included emerging trends in the HVAC industry by Mr. Adwaid from Cosmos Pvt Ltd, a career guidance session by Kalpesh Bhayade, Managing Director of Karishma Industries.
- Through student chapters such as Team CFR, Team Abadha, Team Vaayushastra, IIIE CRCE, and the Rocketry Club, students achieved commendable rankings in competitions such as Formula Bharat, eBAJA and the IN-SPACE Model Rocketry Competition.
- In extracurricular activities, students earned notable achievements, including 1st position in the MMA Championship and 3rd place in the Mumbai University Team 10m Air Rifle Peep Sight Shooting.
- Under the Honors with Research scheme, students have published around 15 research papers in reputed international conferences and book chapters.
- Faculty members are regularly trained by reputed organizations such as Gemsons Precision Engineering Private Limited, AIMIL Ltd., and IIM Bangalore (LMP Program) to create industry-ready students.
- Faculty members and students have secured several design patents and copyrights.
- Industrial visits were organized to leading organizations such as Uran Gas Power Plant, Stulz India Ltd, ONGC, and Mazagaon Dock Shipbuilders Limited, providing students with practical industrial exposure.
- Faculty members are delivering a one-year accelerated diploma training program at Godrej & Boyce (Dahej Plant, Gujarat) to transform technicians into managerial-level professionals with enhanced technical and leadership capabilities.



HIGHER STUDIES



Shivani Vartak
Columbia University, USA



Shanon Calderia
University of Bath, England



Aryan Sanjay Dali
Hochschule Fresenius, Berlin



Swarangi Ravindra Kale,
Cranfield University, England



Nealon Dacruz
University of Bath, England



Raul Gonsalves
TU Clausthal, Germany



Aniruddh Nair
RWTH Aachen University



Poojesh Wagle
Purdue University



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Fr.CRCE offers a BTech program in Computer Science and Engineering from the academic year 2024-2025 with an approved intake of 60 students per year which is further increased to 180 students per year from the academic year 2025-2026. The department blends strong theoretical foundations with real-world applications to prepare students for a rapidly evolving

technological landscape. With experienced faculty, modern laboratories, and an industry-aligned curriculum, it fosters critical thinking and problem-solving. Students are encouraged to engage in research, internships, coding competitions, and hackathons, building a strong foundation for careers in academia, industry, and entrepreneurship.

VISION

To achieve excellence in Computer Science education by nurturing technically competent and socially responsible professionals who solve real-world problems

MISSION

- Facilitate an excellent scholastic environment for students and faculty to promote research, innovation and interdisciplinary learning.
- Foster a culture of experiential learning and sustainable practices through projects, internships and industry engagement.
- Promote participation in co-curricular and extra-curricular activities to build integrity, communication, teamwork and leadership.

NOTABLE ACHIEVEMENTS & HIGHLIGHTS

- Carol Lobo (BE AI-DS) and Keith Dsouza (BE AI-DS) secured a Gold Medal at the 20th Avishkar Competition held at Mumbai University in the Pharmacy category in December 2025.
- Mohammed Anus Abdul Aziz Khatri (TE AI&DS) received ISRO internship at the North Eastern Space Applications Centre (NESAC), after his team secured a top 9 position out of 8,744 teams across India in 30 hours HACKETHON organized by NRSC ISRO at Hyderabad
- Shalom Mendes placed 4th in Discuss throw and 3rd in Shot Put at "Mumbai University Athletics championship 2025" in Nov 2025
- The department received Best BE Class Award, Sports trophy, Technical trophy, Cultural trophy, Director's cut trophy at the cultural event Euphoria 2026. BE student Juvana Dsouza won "Miss CRCE 2026" title at Euphoria.
- The ACM Student Chapter along with the Department organized an industrial visit to Jio Institute in August 2025 for CSE students, providing exposure to advanced research facilities, high-tech labs, and a Deep Learning master class by Dr. Sudipto.

- Won first place at International Agentic AI Hackathon “SUNHACKS” 2026 At Sandip University, Nashik in April 2026, securing a prize of 50,000.
- Won first place at the IEEE Techathon'26, HACK DECK 2.0 held at Atharva University in the Blockchain domain in Feb 2026
- Secured the Best Solution award at Techathon 3.0 organized by Innovate You at AISSMS College of Engineering, Pune in Feb 2026.
- Won first place at HackCrypt – CosmicCipher 2026, 30-hour offline hackathon hosted at Thakur Ramnarayan College of Arts and Commerce Mumbai, January 2026
- Won the first place “Samadhan 2026” Ideathon held at SFIT, Borivali in March 2026
- Won the Best Project award in Web Development at DevHacks- A 24 Hrs Hackathon organized by CSI at Atharva College of Engineering in Feb 2026
- Won the Hackathon 2025 (Hardware Edition) held at Parul University, Vadodara
- Won the best “startup idea” award at Ideathon competition organized by Vidyavardhini's college of Engg. And technology in Nov 2025



Best BE Class Award,
Sports trophy, Technical trophy,



Mohammed Anus
(TE AI&DS) received ISRO
internship at NESAC



BE student Juvana Dsouza won
“Miss CRCE 2026” title at Euphoria.



Carol Lobo (BE AI-DS)
and Keith Dsouza (BE AI-DS)
secured a Gold Medal
at the 20th Avishkar
Competition



Congratulations Vishal,
Dhruv, Avril and Suzan
for winning hackathon
at Nashik



Dr. Jagruti Save - Honoured with the “Most Influential Professor”
award at the 32nd Business School Affaire and Dewang Mehta
National Education Leadership Awards, held at Taj Lands End,
Nov 2025.

Dr. Sarika Davare published
a patent on 03/10/2025 titled
“Doc Assist: AI Doctor's
Assistant.”



Dr. Dipali Koshti was granted a patent on
17/03/2026 for “EDU-VQA: A Multimodal Multi-
Knowledge Open-Domain Visual Question
Answering Model for Education.”





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.

Institute Innovation Council (IIC) at CRCE – Fostering Innovation, Entrepreneurship & Industry Collaboration

The Institute Innovation Council (IIC) at Fr. Conceicao Rodrigues College of Engineering was awarded a prestigious 3.5-star rating by the Ministry of Education Innovation Cell and AICTE, New Delhi, for the academic years 2022–2023 and 2023–2024. This recognition reflects the institute's commitment to fostering innovation, entrepreneurship, and industry collaboration.

A major achievement during the academic year was the selection of seven student teams in the YUKTI Innovation Challenge and Productisation Scheme 2025. Team Trixis Energy, comprising third-year engineering students along with faculty mentor Prof. Ashwini Pansare, was shortlisted among the top 300 teams from over 3200 entries nationwide to pitch their startup idea at

Udyomatsav 2025 held at MIT World Peace University.

The institute also celebrated the progress of NETFORTRESS TECHNOLOGIES PRIVATE LIMITED, a DPIIT-recognized startup incubated at VJTI-TBI, SINE IIT Bombay, and AIC-NIFIE at IIM Mumbai. The startup achieved recognition at Avishkar 2024 Regional Level, highlighting its innovative and scalable solutions.

Students of CRCE also excelled nationally in Strategy Storm 2025, a global business case study competition organised by the Consulting & Analytics Club of Indian Institute of Technology Guwahati, where a CRCE team secured the first prize of 50,000.

The IIC regularly conducts ideathons, startup bootcamps, IPR awareness workshops, startup pitching events, and the Internal Round of the Smart India Hackathon, where alumni actively mentor and guide students. Collaborations with organizations such as ICAR–Central Institute of Fisheries Education, I-Accord, and Utopia Tech provide students with hands-on exposure to research and industry projects. Further strengthening its innovation ecosystem, IIC-CRCE partnered with the Wadhvani Foundation to provide entrepreneurial training and mentorship opportunities for both faculty and students, enabling them to develop business-ready ideas and innovative ventures.

Potential for commercialization, scalability & contribution to the innovative ecosystem

YUKTI Innovation Challenge 2023 List of innovations eligible for grant assistance from AICTE/MIC					
77	IN2023-681040	Brain wave based movement and voice controlled wheelchair for quadriplegic patients. Wheelchair is a personal vehicle of immobilized patient of quadriplegia.	DR. SUKANT SINGH KHURULA	Haryana	₹ 4,20,000.00
78	IN2023-711401	Wheelchair is a personal vehicle of immobilized patient of quadriplegia.	Dr. P.D. Pradeep Kumar	Tamil Nadu	₹ 5,00,000.00
79	IN2023-860107	Exoskeleton (Wearable device) for physical and mental health of soldiers.	Dr. Ravi	Andhra Pradesh	₹ 6,00,000.00
80	IN2023-888888	Approach to Video Conferencing and Social Media	Pradeep V	Karnataka	₹ 6,00,000.00
81	IN2023-888888	Video Conferencing and Social Media	Pradeep V	Karnataka	₹ 6,00,000.00
82	IN2023-750102	Artificial Intelligence based system for detection of diseases	Dr. Ravi	Andhra Pradesh	₹ 6,00,000.00
83	IN2023-888888	Artificial Intelligence based system for detection of diseases	Dr. Ravi	Andhra Pradesh	₹ 6,00,000.00

Yukti Participating Team 2 Received a Fund of Rs 6 Lakh from AICTE -MIC





IEEE - CRCE

Established under the globally recognized Institute of Electrical and Electronics Engineers, the IEEE–CRCE Student Chapter at Fr. Conceicao Rodrigues College of Engineering serves as a vibrant platform for students to enhance their technical, professional, and leadership skills. The chapter is dedicated to promoting awareness of emerging technologies and encouraging students to actively participate in innovation-driven activities that bridge the gap between academics and industry. The student chapter successfully organized several impactful activities during the academic year. One of the flagship events was Ingenium 2025, a quiz-based technical competition inspired by Kaun Banega Crorepati, which blended learning with entertainment through strategic rounds and lifelines such as 50:50 and Double Dip.



Another major event conducted under IEEE–CRCE was Watt's Next (Crescendo 2025), a multi-stage technical competition involving quizzes, component bidding, prototype development, and final presentations.

IEEE–CRCE also organized an Expert Talk on AI in Microcontrollers (IoT) in collaboration with ACM FRCRCE, where industry experts shared valuable insights into the integration of Artificial Intelligence with embedded systems and smart IoT applications. In addition, the chapter actively promoted innovation and project-based learning through Prakalp 4.0, an intercollegiate project competition aimed at showcasing innovative hardware and software solutions.



Ingenium

SAE (Society of Automotive Engineers) - CRCE

SAE-CRCE is the prestigious student chapter of SAE-INDIA. SAE project teams participate every year and win commendable positions in National / International competitions like SAE Baja, SAE Aero-design and Formula Bharat. Workshops, seminars and industrial visits in association with some top automobile companies like Voltas, Toyota, Tata Motors, etc are regularly organized by the chapter.

ASME (The American Society of Mechanical Engineers)

American Society of Mechanical Engineers is one of the international Technical councils of CRCE and the only International council of Mechanical and Production Department. It enables collaboration, knowledge sharing, career enrichment and skill development with a mission to promote and enhance the technical competency and professional well-being of our members.

IIIExCRCE

(The Indian Institution of Industrial Engineering)-CRCE

The Indian Institution of Industrial Engineers (IIIE) Student Council at Fr. Conceicao Rodrigues College of Engineering (IIIExCRCE) is a premier student organization with over a decade of excellence in advancing industrial engineering education, operating in association with IIIE Mumbai Chapter. The council organizes a comprehensive range of activities bridging academia and industry. These include technical competitions like Synergy and Junkyard Genius, professional seminars featuring industry experts on entrepreneurship and innovation, and engaging non-technical events like Crescendo. Through industrial visits to prestigious facilities such as Central Railway Workshop

Parel, Mazgaon Dock Limited, Govardhan Eco-Village, and ONGC Nhava Supply Base, students gain invaluable exposure to operational excellence, supply chain management, industrial safety, and national infrastructure development. Over the years, IIIExCRCE has earned prestigious awards and recognition from both the institutional Innovation Council and IIIE Mumbai Chapter. By fostering industry-ready skills, critical thinking, and meaningful academia-industry connections, IIIExCRCE continues to shape future-ready engineers and leaders equipped to contribute significantly to India's engineering landscape.





TEAM ABADHA

Team ABADHA designs and manufactures

An All-Terrain Vehicle (ATV) entirely on campus at Fr. Conceicao Rodrigues College of Engineering, managing every stage from the initial buggy design to the final ATV while overcoming challenges related to time, funding, and team coordination. The team has been actively participating in National-level Competitions such as SAE BAJA for over a decade. Recently, the team participated in the E-BAJA SAEINDIA 2026 competition held at

Pithampur, Indore, at the NATRAX track. Demonstrating commendable performance, Team Abadha secured an overall rank of 53 and achieved notable positions including AIR 15 in Sales Presentation, AIR 47 in Manufacturing Excellence, and AIR 52 in Design Evaluation, while also successfully qualifying for the Endurance Race.



Team CRCE Formula Racing

Team CRCE Formula Racing

Team CRCE Formula Racing delivered an impressive performance at the Formula Bharat 2026 competition. The team secured an Overall All India Rank (AIR) of 16, reflecting their strong engineering capabilities and teamwork. They also achieved AIR 8 in the Business Plan event, demonstrating excellent entrepreneurial and presentation skills. In the technical categories, the team earned AIR 17 in Costing and Manufacturing and AIR 14 in the Engineering Design event, highlighting their competence in vehicle design, analysis, and production planning.



TEAM VAAYUSHAstra

Established in 2012, the Vaayushastra Team of Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) represents the institute at the prestigious SAE Aero Design Competition, held annually in the United States, where teams from across the globe participate. The team competes in the Advanced Class and has consistently maintained a strong global presence, securing ranks such as 5th (2021–22), 11th (2022–23), 13th (2023–24), and 16th (2024–25) in the SAE Aero Design East and SAE Aero Design West competitions. The team focuses on designing and developing optimized and cost-effective RC aircraft that meet the competition's challenging problem statements.

The multidisciplinary team primarily consists of students from Mechanical, Production Engineering as well as students from ECS, CSE, AI&DS. Work is organized through specialized divisions including Design & Modelling, Materials & Inventory, GUI, Data Acquisition System (DAS), and Media & Marketing, ensuring efficient design, fabrication, flight control, data monitoring, and outreach activities.



TEAM ROBIX

Team Robix is the student-led robotics team of Fr. Conceicao Rodrigues College of Engineering, formed by passionate engineering students from various disciplines including mechanical engineering dedicated to innovation through competitive robotics. The team focuses on designing, building, and testing robots capable of

performing in demanding competition environments. Team Robix has also participated in the eYantra Robotics Challenge (eYRC), advancing up to Task 1. Through these activities, the team promotes hands-on learning, precision engineering, and a culture of creativity and technical excellence.





CRCE ROCKET TEAM

The CRCE Rocket Team was founded in 2025 with the goal of making space technology more accessible and visible to college students. The team provides a platform for students to learn about rocketry, apply engineering concepts, and work collaboratively on real aerospace projects. It is divided into two main sub-teams: mechanical and electronics. The team is currently preparing to

participate in two major competitions, Teknofest and the IN-SPACE competition. The goal is to design and launch a solid propellant rocket capable of reaching an altitude of about 8000 ft.

FR. CONCEICAO RODRIGUES MEMORIAL DEBATE (CRMD - 2025)

The Conceicao Rodrigues Memorial Debate (CRMD) 2025, the flagship national-level debate competition of Fr. Conceicao Rodrigues College of Engineering (FRCRCE), Bandra, was successfully held on the 22nd and 23rd of August 2025. This prestigious event brought together 32 premier teams hailing from across the country, reaffirming CRMD's legacy as one of the most distinguished debating platforms.

This year's edition was hosted under the theme "The Grand Chessboard: Moves of the Modern Empire." The metaphor of the globe as a chessboard allowed participants to explore issues of geopolitics, power struggles, diplomacy, and the strategies of modern empires through rigorous debate and thoughtful discourse.

The competition was structured across two power-packed days. On Day 1, the League Rounds (1, 2, and 3) were conducted simultaneously across multiple venues, with teams deliberating on carefully designed motions. The atmosphere was vibrant and charged with intellectual energy as arguments and counterarguments unfolded with precision and passion.

On Day 2, the top-performing teams advanced to the Quarter-Finals, followed by the Semi-Finals. The much-anticipated Grand Finale was held in Samvaad Auditorium in the presence of our Chief Guest, Dr. Sanjay Jog, and our Guests of Honour, Ms. Purvi Bhawe and Mr. Adit Ganguly. The final debate stood as a true intellectual spectacle, a culmination of wit, logic, eloquence, and strategy perfectly embodying the essence of the theme and the spirit of CRMD.

The results of CRMD 2025 were declared marking the culmination of two days of intense debating. SRM University, represented by Januja P and Swayam Krishnan, emerged as the Winners and were awarded prize money of 40,000. The Runners-Up position was secured by IIIT Nagpur, with the team of Saadullah Khwaja and Shlok Shah, who received a prize of 25,000. In the individual categories, Swayam Krishnan was honored with the title of Best Speaker, while Sanjyot Umbrajkar was recognized as the Best Adjudicator, each receiving a prize of 7,500. CRMD 2025 concluded as not merely a competition, but as a celebration of ideas, dialogue, and collaboration.



ENTREPRENEURSHIP CELL

The E-Cell at Fr. Conceicao Rodrigues College of Engineering, under FRCRCE-IIC 3.0, has actively fostered an entrepreneurial ecosystem by hand-holding students and faculty innovators through structured mentoring, training, pitching, and evaluation sessions. Throughout the academic year 2025 - 26, a series of impactful initiatives such as idea competitions, workshops, and expert sessions were conducted to nurture innovation and startup culture. The multi-phase Idea Competition enabled students to progress from ideation to Proof of Concept (POC) and Business Model Canvas (BMC), ensuring a strong foundation in

feasibility and business planning. Notably, students also participated in national-level platforms like the National Entrepreneurship Challenge by E-Cell IIT Bombay, securing commendable rankings among 1000+ teams. Events such as World Entrepreneurship Day and specialized sessions on converting ideas into startups further strengthened students' entrepreneurial mindset. With continuous support from MIC and AICTE through initiatives like YUKTI and SIH, E-Cell CRCE remains committed to empowering young innovators and transforming ideas into impactful ventures.



NSS (NATIONAL SERVICE SCHEME)

The National Service Scheme (NSS) Unit actively organized and participated in various events during the academic year 2025–2026, reflecting a strong commitment to social responsibility and community engagement. Activities covered a wide range of themes including environmental conservation, digital literacy, education, healthcare awareness, women's empowerment, civic responsibility, and social welfare. Volunteers conducted tree plantation drives, beach

cleanups, blood donation camps, awareness programmes on cancer, harassment, HIV/AIDS, and women's health, along with digital safety and literacy sessions for children and senior citizens. Educational outreach initiatives at schools, NGOs, and special institutions focused on mentoring, inclusive learning, and activity-based teaching. Through these initiatives, the NSS unit successfully embodied its motto, "Not Me, But You," while making a meaningful impact on society.





THE ROTARACT CLUB

This academic year, the Rotaract Club of Fr. CRCE focused on exploring and growing across all avenues of Rotaract, including Professional Development, Community Service, Fellowship, and Technical Events. The club aimed to create a balanced and enriching experience for students by organizing initiatives that encouraged leadership, teamwork, creativity, innovation, and social responsibility. Through

seminars, service activities, interactive sessions, and collaborative events, the club worked towards fostering both personal and professional growth among students while strengthening the spirit of fellowship within the college community. Throughout the year, the club organized impactful events such as Footslog, Shark Tank, and HSR 8 – our annual marathon initiative – along with various awareness drives, engagement activities, and community-focused projects.



TEDX-CRCE

During the academic year 2025–2026, the TEDxCRCE team at Fr. Conceicao Rodrigues College of Engineering organized several initiatives to promote student engagement, professional development, and intellectual exchange. Key activities included a Resume Building Workshop, the CRCE E-Sports Tournament, the Internship Expo, and the flagship TEDxCRCE Annual Conference. The Resume Building Workshop guided students in creating effective resumes for internships and placements. The CRCE E-Sports Tournament organized in collaboration with the Student Council, featured games such as Valorant and BGMI with participation from multiple colleges. The Internship Expo connected students with 31 companies and startups offering opportunities in

software development, data analytics, finance, marketing, and operations. The highlight of the year was the TEDxCRCE Annual Conference held on 27th February 2026 under the theme “Waves of Change.” The conference brought together students, faculty, professionals, and guests for inspiring talks and discussions on innovation, leadership, resilience, and personal growth. Distinguished speakers included Neeraj Pandey, Vishal Gabale, Malvi Malhotra, Rajesh Desai, and Pawan Wagh. Along with insightful sessions, the conference also encouraged networking and meaningful exchange of ideas, leaving a lasting impact on the audience by inspiring them to think creatively and contribute positively to society.



PROJECT CELL

Project Cell CRCE is the college's premier innovation council, dedicated to bridging the gap between theoretical knowledge and practical engineering challenges. Our mission is to empower students through hands-on testing, prototype creation, and the development of meaningful, deployable projects that yield concrete results for the college and the wider society. Project Cell is committed to fostering a culture of technical excellence, ensuring that student-led innovation leaves a lasting technical footprint on CRCE.

The 2025–26 academic term has been a period of significant growth for Project Cell CRCE, from mentoring students to launching an official college Canteen App and conducting cross-club knowledge initiatives. With a clear understanding of deployable products and a legacy project in the works, the council remains committed to building a club that leaves a lasting technical footprint on CRCE.

TECHNICAL FESTIVAL

**CRESCENDO 2K25: TRINETRA –
UNLOCK YOUR VISION, REDEFINE REALITY**

Fr. Conceicao Rodrigues College of Engineering, Bandra, hosted its annual technical festival CRESCENDO 2K25 from 9th to 12th October 2025, under the theme “Trinetra: Unlock Your Vision. Redefine Reality”. The event served as a vibrant platform for innovation, collaboration, and experiential learning - reflecting the institute's mission of nurturing technically competent and socially responsible engineers.

During CRESCENDO 2K25, more than 15 student councils and technical bodies curated a diverse spectrum of events that celebrated innovation, creativity, and technical excellence. Flagship events such as Synergy Hackathon, Roborift 2.0, and CRCE eSports witnessed enthusiastic participation, while domain-focused competitions including MechMania 2.0 (ASME), Watt's Next (IEEE), Simulate Life on Mars (Rocket

Team), Formula Unicorn (E-Cell), and Digital Decode (CSI) provided students with opportunities to apply technical knowledge, problem-solving skills, and innovative thinking in real-world scenarios.

The festival featured 16 dynamic events, comprising 12 council events and 4 flagship events, and recorded an impressive footfall of over 3000 attendees, including 400+ participants from external institutions. The enthusiastic intercollegiate participation enriched the competitive spirit and strengthened collaborative learning and professional networking among aspiring engineers. CRESCENDO 2K25 emerged as a grand celebration of engineering excellence, teamwork, perseverance, and continuous learning, reflecting the dedication, professionalism, and leadership of the student organizers and faculty coordinators.

PRAKALP

Prakalp 4.0 was successfully organized as a national-level project competition by WiE, IEEE CRCE and Project Cell of Fr. Conceicao Rodrigues College of Engineering. Recognized as

one of the most significant technical events of the academic year, Prakalp provided engineering students from institutions across the country with a platform to present innovative ideas,

technical solutions, and impactful projects. The theme for this edition, “Sankraman,” encapsulated the spirit of

transformation, growth, and the evolution of ideas into meaningful innovations. It celebrated the journey of engineering students as they convert concepts into practical solutions addressing real-world challenges. The overwhelming participation, high caliber of projects, and positive feedback from judges and attendees alike underscored the growing significance of Prakalp as a premier national-level engineering competition.





CULTURAL Festival

Fr. Conceicao Rodrigues College of Engineering celebrated Euphoria 2026 – Soulscape, its annual cultural festival, from 19th to 23rd January 2026 under the leadership of Literary and Cultural Secretary Ms. Shreeya Kalbhor and the Students' Council. The festival began on 19th January with a vibrant theme poster reveal and flash mob, setting the tone for a celebration of creativity, individuality, and artistic expression. The official inauguration on 20th January featured a welcome dance, theme presentation, and lamp lighting ceremony. Major highlights included Battle of Beats, an inter-college band competition, and Director's Cut, an intra-college cinematic performance event. The following days hosted 18 competitions across Fine Arts, Literary Arts, Performing Arts,

Personality Development, and Sports domains, encouraging participation and talent across the student community. The festival concluded with the Grand Finale at Ravindra Natya Mandir, Prabhadevi, featuring performances, prize distribution, and Annual Day celebrations in the presence of distinguished guests including Ms. Sayli Chaudhari. The success of Euphoria 2026 reflected the dedication, teamwork, and coordinated efforts of the Students' Council, faculty coordinators, management, and staff, making the festival a memorable celebration of unity and student spirit.



GOOGLE DEVELOPER'S STUDENT CLUB (GDSC)



GDSC CRCE 2025–26 was driven by high-impact, large-scale initiatives. Bit N Build '25, the flagship international hackathon, engaged 2,500+ participants from IIITs, NITs, BITS Pilani, and global universities. Its 24-hour grand finale at Fr. CRCE brought together 200 top finalists, fostering continuous mentoring, rapid prototyping, and strong cross-institution collaboration.

Unplug: By the Lake attracted 500+ applicants, with 200 shortlisted participants developing market ready solutions and pitching to real investors through a three-day, destination-based startup launchpad. Further initiatives expanded both reach and impact: Agile Mumbai 2025 engaged 200 participants through industry interaction, and Future Forge 2025 guided 450+ first-year students with structured academic and career insights. Pitch Perfect strengthened pitching skills among 150+ participants, while Idea Café engaged students in early-stage ideation and collaborative problem-solving.



SMART INDIA HACKATHON (SIH)

The SIH 2025 Internal Hackathon was held as a precursor to the national-level Smart India Hackathon, aiming to identify and encourage innovation among students. The primary objective was to provide a platform for students to showcase their problem-solving skills by developing innovative solutions to real-world problems. The event also aimed to prepare the shortlisted teams for the national competition by exposing them to competitive coding and innovative

thinking. The internal hackathon saw participation from 95 teams, comprising 570 students from various branches and years. Each team presented unique and innovative solutions to the given problem statements. The hackathon set a high standard for future competitions and further strengthened the community's commitment to fostering innovation and excellence.



COLLEGE SPORT ACTIVITIES

The college actively promotes sports and physical fitness through enthusiastic participation in various intercollegiate and university-level tournaments. Students have showcased remarkable talent in football, basketball, and shooting competitions, bringing laurels to the institution through outstanding performances and achievements. The college football team emerged victorious at the inter- university level, while students also excelled in national-level events, reflecting dedication, teamwork, discipline, and sportsmanship. These activities contribute significantly to the holistic development of students and foster a vibrant sporting culture on campus.



SHOOTING COMPETITION



COLLEGE LEVEL FOOTBALL TOURNAMENT



RINK FOOTBALL FINAL LEVEL



SEMI FINAL AT UNIVERSITY GROUND



FINAL ROUND



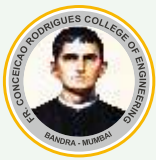
UNIVERSITY SHOOTING CERTIFICATE



ARNAV REDDY
ALL INDIA UNIVERSITY
SILVER MEDAL IN BASKETBALL



FOOTBALL



CONVOCATION

The Degree Distribution Ceremony 2026 of Fr. Conceicao Rodrigues College of Engineering was held on 7th March 2026 at Rang Sharda Auditorium, Bandra, celebrating the academic achievements of the graduating batch of 2024 - 25. The ceremony began with the convocation procession, lamp lighting, and prayer, followed by addresses by Rev. Fr. Valerian D'Souza and Principal Dr. Sapna Prabhu. The Chief Guest, Dr. Udayan Ganguly, a distinguished academican and researcher in semiconductor technologies, delivered an inspiring speech motivating students towards innovation and excellence. Graduates from Computer Engineering, Electronics and Computer Science, Artificial Intelligence and Data Science, and Mechanical Engineering received their degrees with pride. The ceremony also included the Convocation Oath, reaffirming professional ethics and responsibility. Dignitaries and Heads of Departments joined in distributing certificates, while the event concluded with a Vote of Thanks by Prof. Merly Thomas and celebratory interactions with students and families.



PLACEMENTS

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 programs. Multi-national and reputed Indian conglomerates regularly visit our campus each year for their talent requirements. The Training and Placement Cell prepares students for interviews and prospective workplaces. Careful and systematic preparation is initiated and sustained for this purpose. The TPO 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, 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 2025-2026. 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.

OUR RECRUITERS



HIGHER STUDIES

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

 UNIVERSITY OF MINNESOTA				 University of Colorado Boulder	 University of CINCINNATI
			 University at Buffalo		 STEVENS INSTITUTE OF TECHNOLOGY 1870
			 OAKLAND UNIVERSITY	 JOHNS HOPKINS UNIVERSITY	
 NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA			 Penn UNIVERSITY OF PENNSYLVANIA		
 योग: कर्मसु कौशलम्		 तमसो मा ज्योतिर्गमय	 विद्या विनयेन दीयते	 तेजस्वि नावधीतमस्तु	
 इतिहासं श्रद्धां कर्मसु	 PURDUE UNIVERSITY	 BROWN UNIVERSITY		 कर्मणो यत्नात् प्रभवति	 IIM NAGPUR नारायण गुरुः सर्वं विद्यायां कुरुते
	 योग: कर्मसु कौशलम्	 सिद्धिमुलं प्रबन्धनम् भा. प्र. सं. इन्दौर IIM INDORE	 Drexel UNIVERSITY	 CORNELL UNIVERSITY FOUNDED A.D. 1826	 BINGHAMTON UNIVERSITY STATE UNIVERSITY OF NEW YORK
		 COLUMBIA UNIVERSITY	 CLEMSON UNIVERSITY SOUTH CAROLINA 1889	 AUBURN UNIVERSITY FOR THE MANAGEMENT OF SCIENCE 1892	 THE UNIVERSITY OF ARIZONA
	 CALCUTTA	 IIM AHMEDABAD		 WESTERN RESERVE UNIVERSITY 1826	 CARNEGIE MELLON UNIVERSITY PITTSBURGH PENNSYLVANIA 1900

OUR PRIDE - OUR ALUMNI



Abhinav Mehrotra
Creative Development at
Sony Pictures Entertainment
- Development Lead
Ex-Disney, UTV Motion Pictures
- Associate Producer - Content



Aditya Nair
Brand Marketing &
Social Media Lead
at PhonePe



Ayush Jain
Cofounder &
DirectorEazyIoT



Dhawal Parekh
Digital Director
BT Business Strategic Products



Dilip Asbe
Managing Director &
CEO at National Payments
Corporation Of India (NPCI)



Dr Jaideep Devare
Ex- Managing Director
Mahindra Insurance Brokers



Dr. Yogesh Naik
Founder, Cogitari



Mathew Thomas
Senior Vice President
at Airpay Payment Services



Jaideep Banerjee
Sr Marketing Manager,
Amazon Business



Kiran Mankame
Space Research &
Education - NASA ISAC 2020
& 21 Global Nominee



Manbir Singh Chawla
Brand Manager



Ravi Gupta
Director of
Global Commercial Sales



Mihir Joshi
Host. of MJ Show Talk
shows Sony Pictures Networks



Nilesh Pandit
Deputy Vice President
Technology at National Securities
Depository Limited (NSDL)



Rajendra Tulashidas Gangan
Founder & CEO
at Online Manufacturing.in



Vidhir Kaup
Director,
Senior Engineering Manager at Citi



Suchitra Pillai
Actress



Vaibhav Ambradkar
Head of Customer Experience,
Tata Tele Business Services



Venkatesh Mishra
Media & Communications
at Rajasthan Royals



Vinay Kanchan
Brand Storyteller.
Creative Thinking Trainer.
Author. Your Story's
100 Emerging Voices 2018.



STUDENTS' WALL



Hazel Sequira,
Electronics &
Computer Science

I entered college with a clear intention to build solutions that address real-world problems. What I didn't anticipate was how that intention would be shaped, challenged, and steadily brought to life at Fr. CRCE. This journey has been less about sudden breakthroughs and more about consistent effort, learning, and small but meaningful steps forward.

Through participating in debates like the Conceicao Rodrigues Memorial Debate (CRMD), I learned to move beyond ideas and translate them into structured, impactful work. Being part of the Debate Club and Project Cell further pushed me out of my comfort zone, helping me build confidence, think critically, and engage with diverse perspectives.

My involvement in Prkalp 2026 and various mini-projects strengthened this learning, teaching me patience, iteration, and attention to detail. A key milestone has been the Virtual Lab for Java—a project designed to help students explore concepts more practically while making learning more accessible and interactive.

Looking back, what stands out is not just the projects, but the environment that made them possible. The support, guidance, and opportunities provided by the college have played a crucial role in shaping my journey, showing me how simple ideas can evolve into something meaningful.



Serena Thomas
Computer Engineering

My journey at Fr. CRCE has been truly transformative shaping not only my skills but also my confidence, outlook and personality. I had the incredible opportunity to participate in multiple hackathons, including becoming a Smart India Hackathon Finalist 2025 and representing FR. CRCE nationally at the JP Morgan Chase & Co. Innovation Forum 2026. Being a part of the Alumni Association of FR. CRCE has also been a defining experience as the guidance and networking opportunities from alumni helped me grow in many ways. Through the association, I even got the chance to host podcasts with alumni who are achieving great things in life which was both inspiring and enriching. The autonomous curriculum at Fr. CRCE has played a major role in shaping us by encouraging us to explore real world needs and develop a strong learning mindset. Serving as a Training and Placement Coordinator further helped me build strong communication skills and confidence in professional settings. Fr. CRCE has given me far more than a degree, it has given me growth, opportunities and memories I will always cherish.



Harshali Singh
Computer Science &
Engineering

Admission season had me overwhelmed, I was torn between options and wondered if Fr. CRCE was truly the right place for me. But within the very first week, I knew with absolute clarity that I had made the right decision.

Fr. CRCE isn't just a campus, it is an environment that embraces you. The faculty here aren't merely teachers, they are pillars of development. Never once did I feel adrift or without guidance. In a degree as demanding as engineering, having mentors who invest in you beyond academics is a blessing. The bond I share with them has shaped not just my grades, but also my perspective, confidence, and trajectory in life.

But growth here isn't confined to classrooms. This college has given me the space to channel my potential into hackathons, competitions, and hands-on projects, helping me discover what I'm truly capable of. The environment doesn't just allow that, it fuels it. I also found like-minded peers, and together we built a team that has become one of the most valuable parts of my journey, constantly pushing each other to achieve more.

Beyond academics, I served as Head of Events in the NSS unit. The events we organized, the people we met, and the perspectives we gained, all of these will always form the core of my college memories.

And how can I not mention the remarkable location, Bandstand, the perfect serene backdrop to an intense academic life. Yet, it isn't even the best part of this college. This institution has given me more than I could have asked for. It has shaped who I am, and I hope to give back to it to the best of my ability.



Rishit M. Baitule
Mechanical Engineering

My journey at Fr. CRCE hasn't just been about a degree; it's been about the freedom to pivot. Coming from a Mechanical background, the curriculum and a really supportive faculty gave me the room to dive into Computer Science and AI/ML without losing my core focus. Whether I was grinding through a campus hackathon or working on college-led projects, I have always felt backed by my peers and mentors. Between the modern labs and this multidisciplinary exposure, I feel like I'm actually ready for the industry — truly embodying the college motto of 'Moulding Engineers Who Can Build the Nation'. And honestly? The best part about a long day on campus is the refreshing breeze and that Sea Link view. It's hard to stay stressed when you have the best backdrop in the city!

SCHOLARSHIP SCHEMES

Fr. Conceicao Rodrigues college of Engineering Provides support for various Government and Non-Government scholarships to help meritorious Students in need, 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 Govt-MH
- Minority Scholarships

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

Non - Government Scholarship Schemes

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

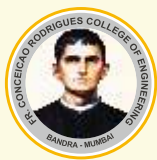


CAREER KATTA

(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.



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.fragnel.edu.in.

FEE STRUCTURE (2026-27)

For academic year 2026-27, Fees sanctioned by FRA is Rs. 2,15,000/- + University Processing Fees for First year B.Tech. Programs.

Visit Institute's website www.fragnel.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://frcrce.ac.in/grievances/>

Women Development Cell -

<https://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 the Office of the Registrar.

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

STUDENT COUNCIL 2026 - 2027

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.

SENIOR COUNCIL



Yashdeep Kulkarni
President



Vedant Kanekar
General Secretary



Diva Sharma
Cultural Secretary



Sarissha Reddy
Literary Secretary



Soah Fernandes
Technical Secretary



Jonah Quadros
Boys Sports Secretary



Kinjal Goyal
Girls Sports Secretary



Anaay Vanarkar
Finance and Accounts Coordinator



Anshika Kahar
PR Media Head



Sanika Gunjal
Design Head

JUNIOR COUNCIL



Aakash Kanojia
Cultural Representative



Priyansh Savia
Technical Representatives



Mantasha Shaikh
Design Representative



Justin Issac
Literary Representative



Nigel Fernandes
Technical Representative



Arshad Syed
Sports Representative



Ashree Bharadwaj
Cultural representative



Mystica Lobo
Design Representative



Nikhil Kewat
Marketing representative



Vallabh Badhe



Mohit Tiwari
Pr representative



Aryan Gautam
Literary Representative



**Department of
Computer Engineering**



**Department of
Electronics
and Computer Science**



**Department of
Computer Science
and Engineering**



**Department of
Mechanical Engineering**



**Department of
Humanities and Science**

Fr. Conceicao Rodrigues College of Engineering (Fr.CRCE)

An Autonomous College affiliated to University of Mumbai

Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai - 400 050

Phone : 022 - 6711 4000 / 042 / 104 | E-mail : crce@frcrce.ac.in | Website: frcrce.ac.in