



Agnel Charities'

## *Fr. C. Rodrigues Institute of Technology*

(AICTE approved, A grade, NBA accredited)

Agnel Technical Education Complex, Sector 9-A, Vashi, Navi Mumbai, Maharashtra - 400703

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## *Brief History*

Agnel Ashram Fathers – a group of Catholic priests and brothers, along with some well-educated, dedicated, zealous and patriotic co-workers have, during the last 45 years, built up a large well-knit family of committed individuals. This unique family, which is spread over different parts of the country, has been instrumental in propounding a powerful MOVEMENT in the realm of education.

## *About the Institute*

Fr. C. Rodrigues Institute of Technology was established in 1994 in the heart of Navi Mumbai, Vashi, as a part of Agnel Technical Education Complex. Apart from achieving academic excellence, the institute is also reputed for its extensive facilities that have led to it being awarded an “A” grade by the Directorate of Technical Education, Maharashtra (INDIA) right from its inception. The institute is affiliated to the University of Mumbai and it has been accorded accreditation for all the courses by the National Board of Accreditation, Delhi (India).

Institute has an in house Centre for incubation and business acceleration also known as CIBA which catalyzed and supported by Department of Science & Technology under the Startup India Action Plan. Students across the world are encouraged for entrepreneurship and start ups in CIBA.

## *Institute Vision*

To evolve and flourish as a progressive center for modern technical education, stirring creativity in every student leading to self-sustainable professionals, through holistic development; nurtured by strength and legitimate pride of Indian values and ethics.

## *Institute Mission*

- To provide industry oriented quality education.
- To provide holistic environment for overall personal development.
- To foster relationship with other institute of repute, alumni and industry.

**Education is not about preparation for only a part of life (like work) but is about preparation for the whole of life and the deepest aspects of living.**

**— J. Krishnamurthy.**

In a world that is crumbling and has been brought down to knees by the natural powers, the only thing that can sustain the human race is empathy and compassion for all living beings. We at FCRIT, however have been stressing on values for sustenance from the very beginning of its conception, 25 years back. In the times to come, our institute will be moving towards providing a more tangible experience to the student community, in terms of technical, social and soft skills in order to prepare them better for the challenges of life. Throughout in the academic sojourn, that the Agnelites undertake they are nurtured in an environment of self discipline and empathy, that stays to hold and contain them during the toughest trials and tests.

Out of the many of our initiatives, the FCRIT Newsletter Group, and various others like the college magazine-Manthan, like all, play an important role to highlight the need of all-round development over academic pressure. The college youth express under the banners of organizations like the CSI- Computer Society of India, MESA- Mechanical Engineering Students Association, SAE- Society of Automobile Engineering, EESA- Electrical Engineering Students Association and so on. The fests such as ETAMAX and FACES are excellent examples of how the youth has the ability to express more than just one part of their personality, given the chance. The reports written by budding engineers on events and fests such as ETAMAX and FACES has created a whole new skillset for us to examine. NSS-National Social Service is an added initiative, moreover the newsletter group is now aspiring to start the very first official college blog, to encourage the expression of the young creative minds and to provide a smooth transition for the freshers into the Agnells' Culture. The institute believes that to provide a proper creative environment is the best stimulus to encourage the new generation to contribute further to the nation and is striving towards the same. As J. Krishnamurthy says, "Intelligence is the capacity to perceive the essential, the what is; and to awaken this capacity, in oneself and in others, is EDUCATION".



*From  
Managing  
Director's desk*



# *Courses offered*

## **UG level (four year B.E):**

- Computer Engineering (Intake: 60 + 60\*)
- Electrical Engineering (Intake: 60)
- Electronics and Telecommunication Engineering (Intake: 60)
- Information Technology (Intake: 60)
- Mechanical Engineering (Intake: 120)

## **PG level (Master of Engineering):**

- Mechanical Engineering (Machine Design)
- Electrical Engineering (Power Electronics & Drives)

**Institute is also a Mumbai University approved Research Centre which offers Ph.D. in Mechanical Engineering, Electrical Engineering and Electronics & Telecommunication Engineering.**

\*expected to increase

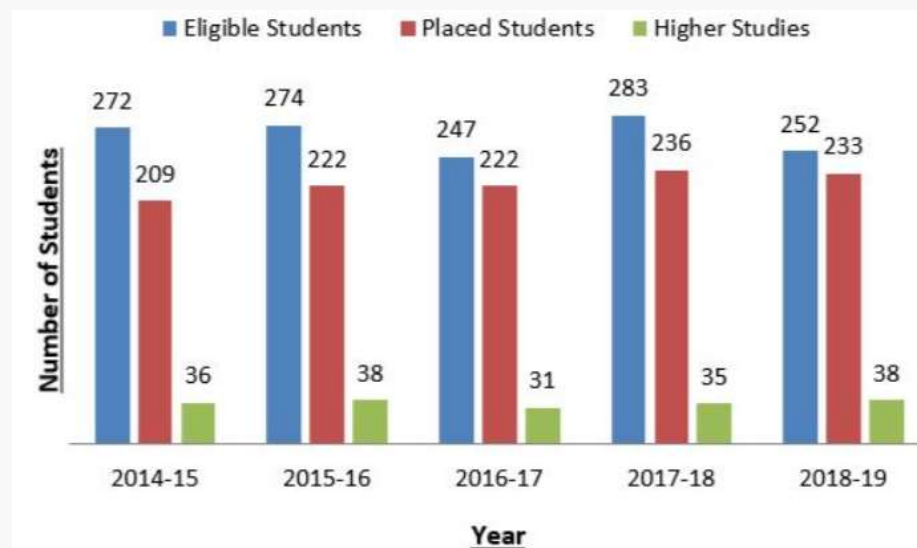




# Our Recruiters



# Placement Statistics



# Electronics & Telecommunication Engineering

(Intake : 60)

**“Positive expectations are the mark of the superior personality”-Brian Tracy**

The department of Electronics & Telecommunication Engineering was formed in 1994 with an intake of 40 and was subsequently increased to 60. The department has 09 well equipped laboratories for the UG, and Ph.D. programs. Research areas in the department include Speech Processing, Biomedical Signal Processing, Image Processing, Embedded Systems, Artificial Intelligence & Deep Learning, Wireless sensor network, Communication Engineering. Details about the department can be seen at:

<https://www.youtube.com/watch?v=Qe2OZCOboGE>

In addition to the UG program the department offers the following programs:

- Ph.D. degree in Electronics and Telecommunication Engineering with an intake of 10.

**Dept Vision:** To create professionally competent, research oriented, disciplined, socially and environmentally sensitive Electronics and Telecommunication engineers.

- Dept Mission:**
- To achieve academic excellence by imparting quality education and training in science, electronics, and telecommunication engineering fields.
  - To create an environment for overall personal development of the students including creative and innovative thinking, team work, professional ethics, and improved communication skills
  - To create awareness among the students about their social, environmental and ethical responsibilities to make the world a better place.



# Humanities & Basic Science

**“Discipline is the bridge between goals and Accomplishment”-Jim Rohn**

The Department of Basic Sciences and Humanities, comprises of well qualified and dedicated faculty for courses in Engineering Mathematics, Engineering Physics, Engineering Chemistry and Communication Skills. The department has various laboratories such as Computer Centre, Applied Physics, Applied Chemistry, Basic Electrical Engineering, Engineering Mechanics Laboratory and Language Laboratory.

A central workshop facility comprising of trades like Fitting, Cutting, Plumbing, Machine shop is available in the campus.

F.E results of our institute is one of the best results of University of Mumbai.

## First Semester Results





# *Alumni Association*

**“I think the success of any school can be measured by the contribution the alumni make to our national life”-John F. Kennedy**

Our institute has a registered strong Alumni Association named Fr. CRIT Alumni Association (FRAMES) and an interactive platform [www.fcrit.almaconnect.com](http://www.fcrit.almaconnect.com).

## **Few of our Distinguished Alumni**



Dr. Sheldon Williamson [1999 batch]  
Professor and NSERC Canada Research Chair,  
University of Ontario Institute of Technology, Canada



Dr. Yogesh Velankar ( batch 1999)  
Advisor, LEAP (MHRD), Acad. Council Member, and  
Course Coordinator, ICT for STEM Education (MHRD)



Mr. Ajay Pawar (batch 2010)  
Assistant Director, Ministry of Corporate Affairs  
(UPSC 2016 rank 797)



Dr. Shivasubramanian Gopalakrishnan (batch 2003)  
Associate Professor, Indian Institute of Technology  
Bombay, Mumbai





# *Social Activities*

**“I am not handsome but I can give my hand to someone who needs help... Because beauty is required in heart not in face” –A.P.J. Abdul Kalam**

NSS Activities, Agnel Social Cell Activities : Unnat Bharat Abhiyan , Ek Bharat Shreshtha Bharat activity, Visit to Mukta Jeevan Ashram, Shahapur, Blood donation Camp, Tree Plantation Drive





# *Few Accomplishments....*



Smart India Hackathon Winners



Team GARUDA for Aero Design Challenge 2020



IEI award for B.E project



Smart India Hackathon Winners



Pillai Alegria's Hackathon Winner



Team KAISER Racing in BAJA 2019 & 2020



Website development for MU(MRG)

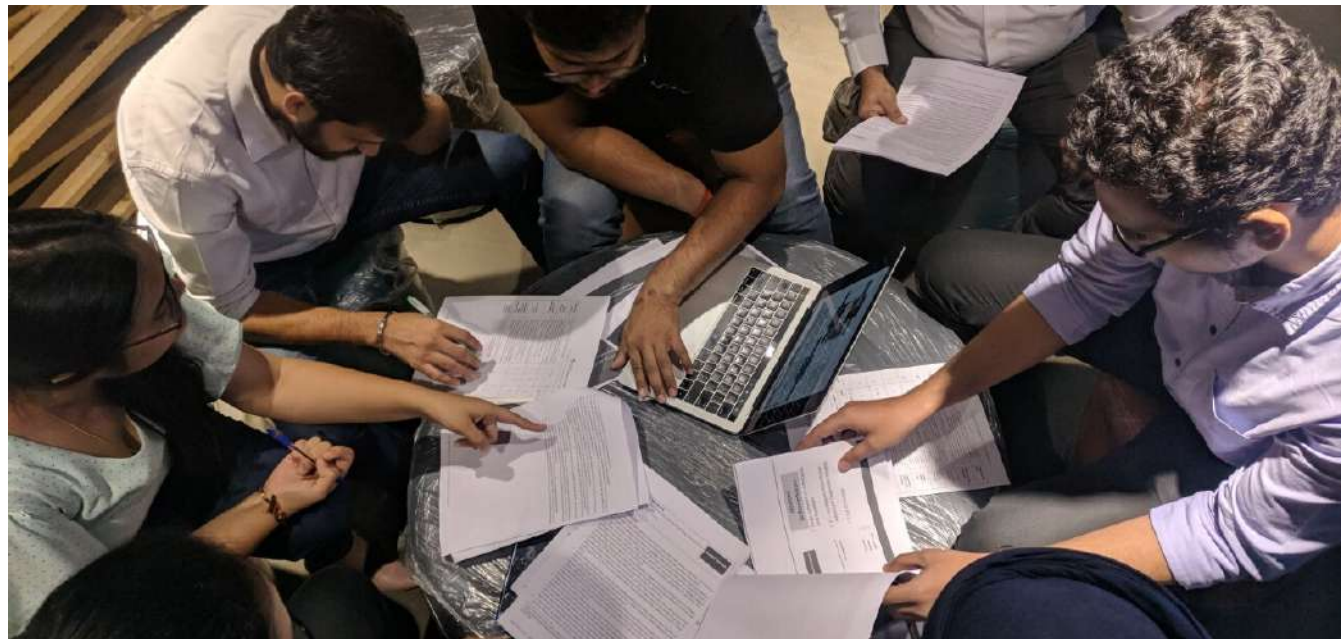


IEI award for B.E project



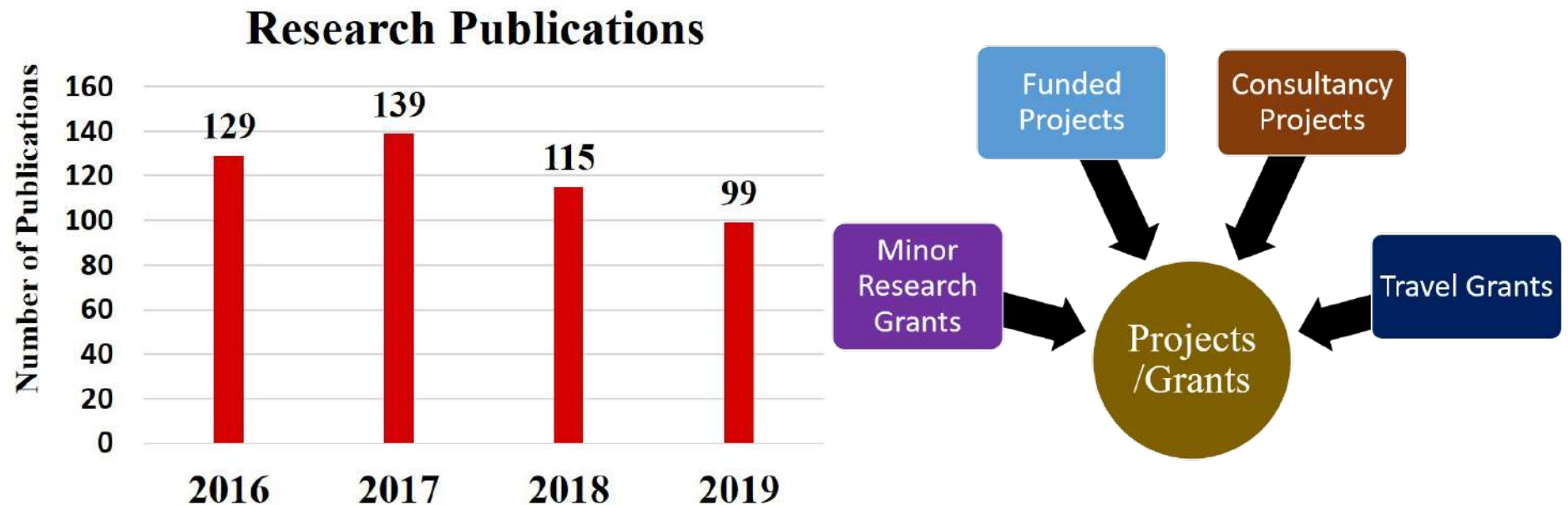


CIBA is equipped with prototyping laboratories, workstations and fully furnished rooms to inculcate culture of innovation and entrepreneurship in the society.



# ***Publications and Research Grants***

Based on the demonstrated capabilities and expertise of our faculty and students, with continuous encouragement from the management in various ways, our institute will soon be at par with the leading research institutes in India.





# Amenities



Boys & Girls Hostel



Central Library



Gym



Meditation Centre



Canteen





ETAMAX Band Event



E-waste Collection



Alumni Meet 2020



ETAMAX 2020



Masterchef Competition



Marathi Mandal Program



Cyber Security Program- coverage by DD



Convocation

*Designed by: Anjali Nair (Semester 7)*