



# St. Xavier's Catholic College of Engineering Nagercoil

## ANNUAL REPORT

Most Rev. Fr. Contact Person of RC Diocese of Kuzhithurai and President of our Governing Council, Rev. Fr. Procurator of our Diocese, Rev Fr Correspondent, Rev. Fr. Bursar, Distinguished Chief Guest, Governing Council members , President of Parent Teacher Association , proud Parents , Deans, Faculty, Staff members, Guests and my dear Students,

***Good morning to you all.***

I feel elated in presenting the annual report in this august gathering. Its the moment to cherish our activities, achievements and accomplishments. Even though this academic year is filled with lot of happenings, events, activities, achievements and awards, I am presenting the same in a nutshell.

### **Recent Achievements**

- National Board of Accreditation, AICTE granted Accreditation to UG programmes, CIVIL, CSE and IT in June 2021. As of now, we have NBA valid accreditation for all UG programmes.

- We are one among the few Engineering Colleges in Tamil Nadu having both NAAC Accreditation and NBA accreditation.
- Our College has other credentials like UGC recognition under 2(f)&12(B)acts, permanently affiliated UG programmes , MBA &MCA with Anna University and Anna University Recognised Research centres in Civil, CSE,EEE, ECE, Mech, MCA and Physics Departments.
- UGC Expert Team visited on 19<sup>th</sup> and 20<sup>th</sup> March 2022 towards fresh Autonomous status to our Institution and hope we will receive the report from UGC and Anna University shortly.
- We have a registered SXCCE- Business Incubation and Innovation Centre to nurture the innovative ideas of budding Engineers, alumni & faculty. Ministry of MSME approved our College as a Host Institute and two weeks back, 5 ideas of our students and faculty are recommended and submitted to MSME through our Institute.
- Institute Innovation Council of our College is awarded with 3.5 star rating out of 4 based on the

activities conducted on Innovation and Entrepreneurship.

- Our Institute IET On Campus got the Pride On Campus award this year.
- Our Ensav Club has won Green 9 premier Ensav club award recently.
- Our NSS unit bagged the best NSS award at State level by Anna University this year also.
- Our students bagged 11 State level University ranks in 2021 which includes 4 gold medals and 4 ranks in 2020. Congratulations to the University rank holders.
- As on date, 33 companies conducted the Placement drives (on campus 15, virtual 17, off campus 1). About 211 students received 305 offers from companies like TCS, INFOSYS, WIPRO, Tech Mahindra, Hexaware Tech, H&R Block, Cap Gemini, ATOS Syntel, PIT Soln, Digital Logiciel and so on.

Maximum salary for the same is 6 Lakh per annum by Hexaware Tech for Vincent Raja of CSE and average salary 2.72 per annum.

- Regular and Company specific trainings in Quantitative Aptitude, Logical Reasoning, Verbal Ability & Technical training, Coding and Programming Communication skills are conducted by trainers from outside and by our trainers.
- About 70 faculty are PhD holders out of 161 and 64 faculty are doing PhD.
- Dr.Vijimon Moni, Dr.Frank Stephen, Dr.Mary Vasanthi, Dr.Antony Foster Raj, Dr.Balto,Dr. Mary Vanaja, Dr.Jerlin Rajan, Dr. Jerald Arul Selvan, Dr.Sheeja Herobin Rani and Dr.Bamila completed PhD recently.
- Through our Research Centres,
  - Number of scholars pursuing PhD :  
31 full time scholars and  
97 part time scholars.

53 scholars have completed their PhD so far.

- In our Central Library, we have 28420 volumes of books and subscribed with online Journals IEEE and Elsevier packages. Now the students

can access these online Journals even from home.

- We have enhanced internet connectivity from 74mbps to 160mbps last year and 160mbps to 510 mbps this year.
- Our College is a venue for conducting online and offline Competitive and entrance exams like NEET, GATE,JEE, Railways, Bank Exam, TRB,NET, and so on.

## **Events**

- Inter National conferences on :
  - Advances in sustainability of Materials and Environment
  - Computing Technologies 2021
  - Recent Innovative trends in Communication and Computers
  - Energy Efficient Tech for sustainabilitywere organised.
- Faculty Development Programmes on:
  - Probabilistic modelling using Deep Learning,

- Emerging Technologies and innovation in Industry 4.0
- Technical Advances in Novel Materials
- Recent Tech trends in Computers
- Research Methodologies and IPR

were conducted.

- IQAC conducted a National level Workshop on “Course and Instruction Design for effective OBE” supported by NAAC.
- About 6 Workshops, 16 Seminars, 39 Webinars were organized by the Technical Associations of various Departments for students last year.
- 10 Workshops, 24 Seminars and 9 Webinars are conducted for our students by the Department Associations this year.
- The Inaugural Ceremony of 24<sup>th</sup> Batch BE/BTech Programmes was held on 26<sup>th</sup> November and Mr. Lakshmi Narayanan, Senior HR Manager of Infosys was the Chief Guest.
- We conducted 3 Covid vaccination camps at our college for our students, staff members and public.

- About 6 MoUs were signed with reputed Companies this year.

### **Value Added Courses**

- AWS Cloud solution Architect Training and Certification was conducted for CSE and IT students
- Fusion 360 course was given to 3<sup>rd</sup> year Mechanical and AutoCAD for 2<sup>nd</sup> year Mechanical students.
- REVIT Architect course was conducted for 2<sup>nd</sup> and 3<sup>rd</sup> year Civil students.
- 100 hr course on “Profession Civil Building Design” is going on for final year Civil students.

### **Faculty Achievements**

- 17 R&D projects were submitted with the funding agencies like DST, ISRO, AICTE, NIWE, TNSCST, CDAC.

- About 23 patents were filed and published by our faculty.
- 105 research articles were published by our faculty in indexed Journals like SCI, SCI (E) and Scopus in last two years.
- Our faculty have completed nearly 143 online courses in SWAYAM /NPTEL, 1 NITTTR course and 60 courses in Coursera. There has been one book publication and three faculty are the editors of the books.
- Dr. Marsaline Beno, Dr. Judson, Dr. Jeyasudha, Mr. Bright Jose, Mr. Varun were awarded with IIC Campus Ambassador by Ministry of Education.
- Mr. Jesus Bobin and Mr. Abraham of EEE department were awarded with Green 9 SDG award 2020.
- Our Faculty are conducting “Next to +2- Career Guidance Programme” to the +2 students in various reputed schools. Congrats to Dr. Beno, Dr. Vijumon Moni, Mrs. Simi Mol, Dr. Ramesh, Mr. Thomas, Dr. Stalin and Mr. Cyril.

### **Consultancy Services**

Department of Civil Engineering has undertaken Consultancy and Testing of Building Materials for Govt and Private Organisations. In this year the Department has earned around 1.5Lakh through this.

### **Activities**

In our College we have Technical Associations of Departments, student chapters of Professional Societies like IEEE, IET, ACM, FACEAT, CSI, ISHRAE, TMA, Ensavclub, IE(I), ISTE, and Social Involvement cells like NSS, NCC, YRC, Outreach and other clubs like Women cell, Tamil Mantram, Jyothis, Fine Arts Club and so on. From these clubs, we are conducting a lot of activities which include enrichment, Value added, Life Skills, Empowerment, Awareness, Moral and Ethical values, Gender Equality, Entrepreneurship etc.

NSS units conducted a one week Special camp at Melpuram village last month.

### **Achievements of Students**

- Adarsh, Sweetlin Derisha, Ashik M Raj, Amar Singh are selected as best NCC cadets and received scholarship from Tamil Nadu Government.

- Shelif and Swarna Meena were adjudged as best NSS volunteers by the Anna University at State level.
- Salfia Barfin of final year IT won cash prize of Rs.5000 in IET 150 Innovation Challenge.
- Branesh & Dinisha were awarded with Green 9 Ensav award.
- Shalin, JinuMol, Francy Rani, Diviya, Asick ,Dave Andrew received funding from IIT(B) for their ESim circuit simulation projects.
- Fareeha completed one Coursera course on Machine Learning.
- Dasmini and Ashlin Stephy completed Udemey Online courses.
- Nivetha S R won prizes in Symposia organised by Jai Sri Ram Engineering College, KCG College of Engineering , Jeppiar Institute of Technology and Bannari Amman Institute of Technology.
- Abijith , Bhoomika, Berlin Nayagam and Abin completed one online course on “Augmented Reality and Virtual reality” conducted by Verzeo, Education centre in Bangalore for 2 months.

- Fathima Shapna, Abinaya, Abisha , Bijusha and Ashmika completed 99 days Project organised by the Institution of Green Engineers.

### **Sports Achievements :**

- Vibin of third Mech won Gold medal in Silumbum conducted by Rural Amateur Games Association.
- Anand of third CSE & Dinesh of Final Mech won Silver medal in Power lifting under the category 90kg.
- Mohammed Aslam of final Civil won Silver medal in Powerlifting under 74 kg.
- Sanjai Kumar of II Mech won Gold medal in TT.
- Aslam won Bronze medal under 74 Kg in Power Lifting & Dinesh of final Mech won silver medal under 93 Kg.

### **PTA and Alumni Association**

An active Parent –Teacher Association & Alumni Association are functioning in the College and conduct Executive meeting and General Body meeting regularly.

### **Conclusion**

I take this opportunity to thank our Management, Governing Council members for their guidance and I thank our faculty, staff, students for their support and cooperation.

Even though we crossed many milestones, still we have to go a long way to fetch many more laurels.

Few of our projects on the Anvil are,

- Establishing Community Radio station
- Establishing Industry supported labs
- More interaction and rapport with Industries
- Students exchange programmes with foreign Universities
- Establishing Centres of Excellence in the emerging area
- NBA Accreditation for MBA, MCA programme
- More R&D funded projects
- Achieving International Accreditation like ABET

Its all possible with the blessings of God and all your support. Let us march ahead to take our Institution to newer heights.

**Thank you.**



A handwritten signature in green ink, appearing to read "Rabano".

Dr. J. MAHESWARAN, M.E. Ph.D. FIE. MISTE.  
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