



COUNSELLING CODE

1317

DEPARTMENT OF CHEMICAL ENGINEERING

VISION

To provide a knowledge centered education that continually responds to changing realities in the field of Chemical Engineering.

MISSION

- To establish academic integrity to inculcate the professional skills to compete in global environments.
- To enrich the Chemical Engineering knowledge through research and innovation.
- To hone the skills of students to succeed in the Chemical Industry.

SALIENT FEATURES OF THE DEPARTMENT:

- Thirty years young department with highly matured, seasoned manpower and infrastructure to mould the young minds into to most challenging workforce and entrepreneurs.
- Most convincing track record of excellent academic performance and placement records.
- Relevant and contemporary curriculum to meet the needs of the present-day requirements of the industries and the corporate world.
- Highly efficient industry-institute interactions in the form of frequent industrial visits, guest lectures, in-plant trainings, internships, and project works.
- Parallel track of placement empowerment schedules including SEERA, value-added courses, and rigorous placement-oriented trainings.



*Dr. B. Babu Manoharan,
Chairman, St. Joseph's Group of Institutions with
Dr. Mrs. & Mr. George Beltramani,
Professor, Chemical Engg. Dept.
Queensland University of Technology, Australia*



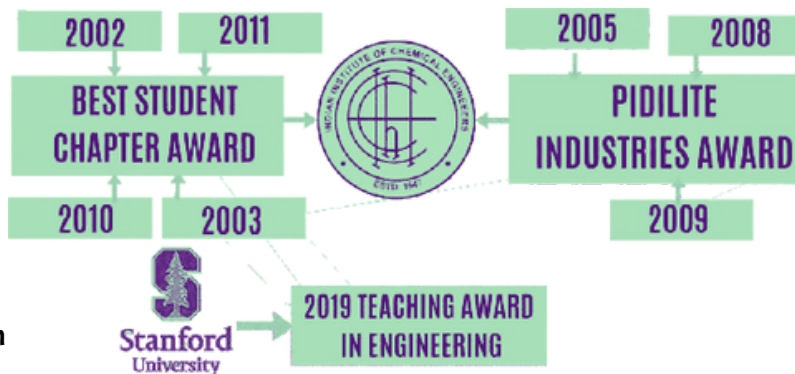
For Admissions:
www.websitelink.com
For more info:
www.instagram.link.com
Contact:
123456789,1234567890



DEPARTMENT HIGHLIGHTS

DEPARTMENT AWARDS

Our department regularly conducts working model competitions under the banner of IIChe Student Chapter which enables students to implement theoretical aspects in developing practical and economical solutions to socially relevant problems. Various awards are given in the form of appreciation by IIChe based on our department performance



Department Established in 1994

- Anna University Ranks > 25% of Total University Ranks
- Pass % >98%



25 Batches working across the Globe

FACULTY STRENGTH



PAPER PUBLICATIONS

STAFF

International journals	140
National journals	10
International conferences	55
National conferences	08

STUDENTS

Journals	18
Conferences	45

PATENTS

- 2021-22 Smart solar power electric fence published Metal Complexes and compositions with novel synthesis, characterization and properties of binuclear
- 2020-21 Design and versatile application at chemical spillage cleaning microcontroller robot (published)
- 2019-20 A novel and selection algorithm based on similarity theorem (Published)



No. of Doctorates- 5
Pursuing Ph D - 4



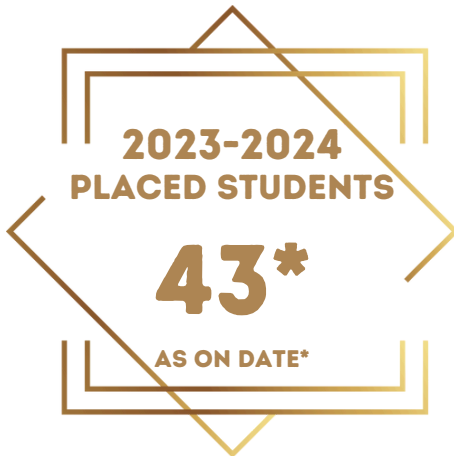
GUEST LECTURES



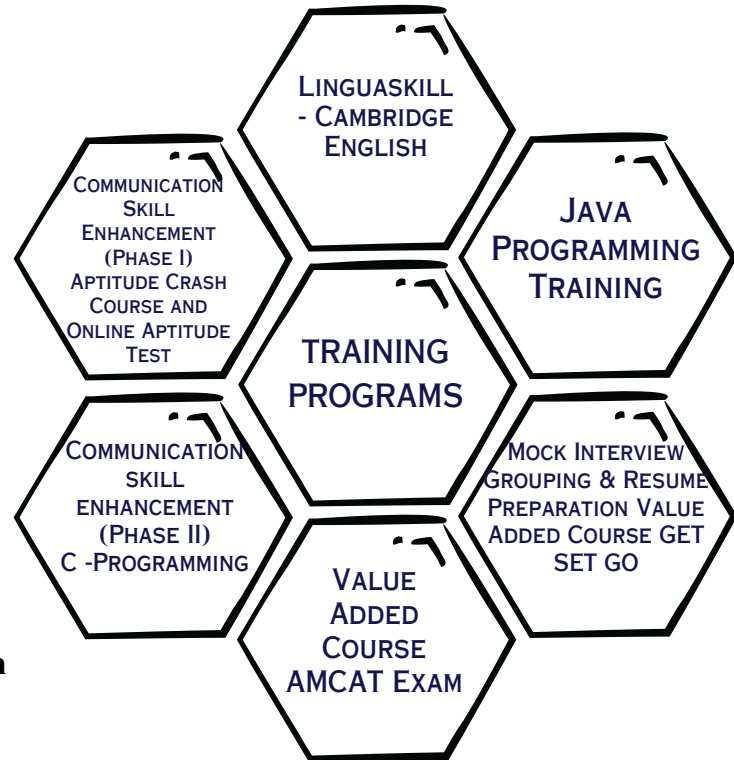
One Guest lecture will be Organised every semester by our Department. Eminent persons from IIT, NIT, CLRI, CSIR, Industries and abroad universities are invited to share their expertise.



PLACEMENT



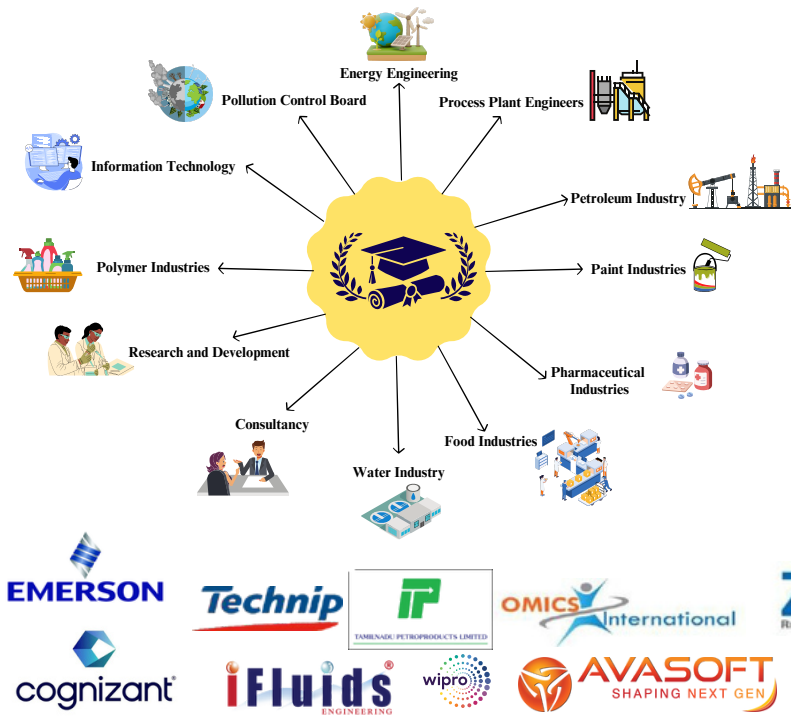
- **Training and Placement Centre has a superlative reputation when it comes to Placement Training through the execution of meticulous planning and a systematic schedule.**
- **We believe in nurturing Industry Institute Interaction and mentoring our students on how to prepare for the corporate world.**
- **Our true uniqueness lies not only in enhancing the technical knowledge of the students but also in making the students plug and play by imparting soft skills and employing ability skills.**
- **Our department has a good placement record of about 95% of the eligible students.**



**ANNUAL
PACKAGE IS
2.5 TO 8
LAKHS**

OUR PRESTIGIOUS RECRUITERS

85-90%
STUDENTS PLACED
AS ON DATE*



UNIVERSITY OF CAMBRIDGE

- Linguaskill - Cambridge English
- (ABHS) Advisory Bureau of Higher Studies
- Campus Coaching GRE, TOEFL, GATE & CAT

ABHS

- The main objectives of ABHS are to motivate more aspiring students to pursue higher studies in India and Abroad.
- Enable the students to excel in tests like GRE, TOEFL, IELTS, GATE, etc.
- Students can avail of all the facilities free of cost.
- ABHS has the infrastructure of about 10 lakhs, which includes systems, books, CD's for taking competitive examinations.

HIGHER STUDIES



10-15%

Students in Higher studies

Regularly about 20 % of students are pursuing their higher studies in various reputed universities of India and abroad. Some of the globally recognized universities where our students are studying are shown below



ELITE ALUMNI



Faizur Rahman

Risk and Safety Engineer Bureau
Veritas Group, Doha Qatar



Sriganesh P

Restaurant Crew Member A&W
Food Services of Canada Inc.
Ontario, Canada



Ajay Kumar V

Plant Process Engineer at
Indorama Ventures , Australia



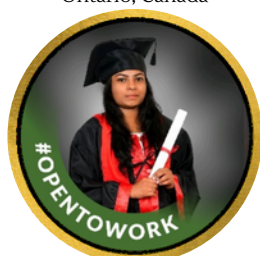
JAFFIN SAM RAJ

Process Engineer Asia Petrochemicals,
United Arab Emirates



Cedric Denny

Graduate Mining Engineer ,
Australia



Kamalidevi J.

Mater thesis
student at Dow
Chemical,Germany



Koushik Ram B

Analyst Ostrom Climate solution
Inc.,Canada



Monika M

Graduate research Assistant at
Utha water research ,USA

INDUSTRIAL VISITS

In our college industrial visits are mandatory in every semester. Students are taken to the best industries in and around Tamil Nadu each semester. They gain practical knowledge regarding the rapid growth in industrialization and automation. Some of the major industries visited during last 3 years



VALUE ADDED COURSES

Our college is always ahead in motivating and shaping the confidence and competency of our students towards their career development. In this aspect, trainings are scheduled from first year. We regularly conduct value-added courses designed to enhance the knowledge of the students in their core fields and specialize themselves in the latest technologies on their chosen field of studies.

Value Added Programs



SYMPOSIUM

Intra Department Symposium :

(Cash Prize worth Rs. 10,000) All students can participate in the events conducted inside the campus to bring out their talents

Inter-Department Symposium :

(Cash Prize worth Rs. 30,000) Students from other colleges are invited to take part in various co-curricular and extracurricular activities in our institutions.



R&D FACILITIES

Specialized research equipment's are available in addition to prescribed equipment's in the curriculum to carry out the research and to publish technical papers in scientific journals.

PUBLISHED JOURNALS

publons

Taylor & Francis
Taylor & Francis Group

ELSEVIER
Scopus

Springer

25 Successful Batches

215 Papers Publications

12 Patents Published

1774 Department Citations

14 Book Chapters

02 Consultancy



EXTENSION ACTIVITIES

- Charity starts at home; here, it starts at college.
- Once a semester, each class visits various NGOs in and around Chennai city during working Saturdays.
- Apart from providing food, clothing, and other amenities, they also conduct various programs to entertain the inmates.
- They also gain insight into their lifestyle and understand the value of humanity and happiness in helping the underprivileged people in society.



STUDENT SUPPORT ACTIVITIES

- Organizing Student clubs, professional chapter activities, and participating in Hackathon events.
- Extensional Activity - NGO & NSS.
- Entrepreneurship Development Cells - MSME, DSIC, EDI.
- Gifts for winners, Toppers, 100% Attendance, Subject Toppers on Achiever's Day celebration.
- TA and DA Registration fees for Co-curricular and extracurricular activities
- Cash Award of Rs.50,000 for Gold Medal and Rs.25,000 for other rank holders
- Student Mentoring
- Intra-Department & Inter-Department Symposiums
- E-Learning Alumni Interactions.



TAMIL CLUB



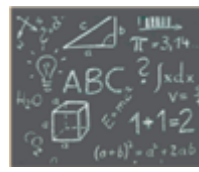
QUIZ CLUB



ENGLISH CLUB



CTS STUDENT CLUB



MATHEMATICS CLUB



GOOGLE DEVELOPERS
STUDENT CLUB



ECO-SOC CLUB

CIVIL SERVICES

St. Joseph's Civil Service Academy provides help on various tests to cadres. It also focuses on all job opportunities available in the various departments under SSB (Services Selection Board).

DEFENCE ACADEMY

St. Joseph's Defence Academy encourages its students to serve the government of India by preparing and motivating the students to join the Indian Defence wings.



St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai - 119



ABOUT OUR COLLEGE

St. Joseph's College of Engineering has **30** years of successful academic reputation offering **11** UG programs and **7** PG programs with a current total intake of more than **1570 students per year**. Since its inception, **St. Joseph's College of Engineering** has consistently placed among the **Top 10 institutions** in terms of number of ranks. So far **1541** ranks including **57 Gold medals** and **55 Silver medals** have been secured by students. The college has been in **1st Place** in terms of highest numbers of Anna University ranks, **4 times**.

The College is continuously been ranked by in National Institutional Ranking Framework(NIRF) since 2017.

Our institution is ranked in the '**Elite Band**' at the National level Atal Ranking of Institutional Innovations and Achievement (ARIIA - 2021).

Accredited with an **A+** grade by securing 3.46 on a scale of 4.00 by the National Assessment and Accreditation Council (NAAC).

09 Departments recognized as '**Research Centres**' by Anna University to Ph.D.

Recognition as '**Scientific and Industrial Research Organisation**' (SIRO) in 2014 by DSIR, Government of India.

The college has a good number of research publications with a h-Index of **57** in Scopus and 51 in Web of Science index. Recognized as the '**Best Exam Preparatory Centre**' for conducting **Business English Certificate (BEC)** examination by Cambridge ESOL for the past eight years in India & and one among **25 South Asia Best Preparatory Centres**.

45 Sponsored Research Projects worth **Rs. 2.83 Crores** and **40 Faculty Training** Programs worth **54 lakhs** funded by AICTE, NRB, DST, SERB, DBT, NRDMS, TNSCST & Anna University, etc., have been carried out by staff members.

Received FIST grant of **Rs. 71 Lakhs** from the Department of Science and Technology, Government of India.

"21 INAE Innovative Student Project Awards" were bagged by our students for their innovative final-year projects.

Selected under the National level "**UnnatBharathAbyan Programme**" by MHRD Government of India and Skill and Personality Development Programme Centre (SPDP) for SC/ST by AICTE, New Delhi.

Secured **86th rank** by Internshala Annual Ranking 2022.

Received a grant of **Rs. 17 lakhs** grant under the PMKVY program.

Won **the First AICTE-ECI ChatraViswakarma award** in 2017 as the Best Institute at the National level.

Won **1st** position in "**UtkrishtSansthanVishwakarma Award**", 2020 by All India Council for Technical Education (AICTE) in association with the Ministry of Human Resource and Development (MHRD).

Secured **AICTE-Lilavathy awards** in 2021 and 2022: Winner under the stream of Women Security, Runner under Hygiene and Sanitation themes in 2021, and Runner in Women Empowerment 2022.

The college has secured a **4.5-star rating** for the activities carried out on the campus by the Institution's Innovation Council (IIC). In 2022 the college received 3 projects for incubation worth **Rs. 45,00,000** from the MSME, MOE, Government of India. Consistently our students are securing winning positions in National-level Innovative idea implementation competitions such as AICTE Smart India Hackathon in Hardware and software, Toycathon, Mapathon, etc.

Consistently awarded "**National Employability Award**" every year since 2017 by Aspiring Minds.