



You Choose, We Do It

St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai - 119



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

COUNSELING CODE

1317

DEPARTMENT HIGHLIGHTS

2 CTS Best Outgoing Student Awards

59* Placement offers (2023 - 2024)

1 Startup project

126 Student achievers for the year 2023 - 2024

2 Best IEEE Student Chapter Awards
2 International Student Achievements Awards

7 IEEE Professional Societies

1 ISTE Best Student Award

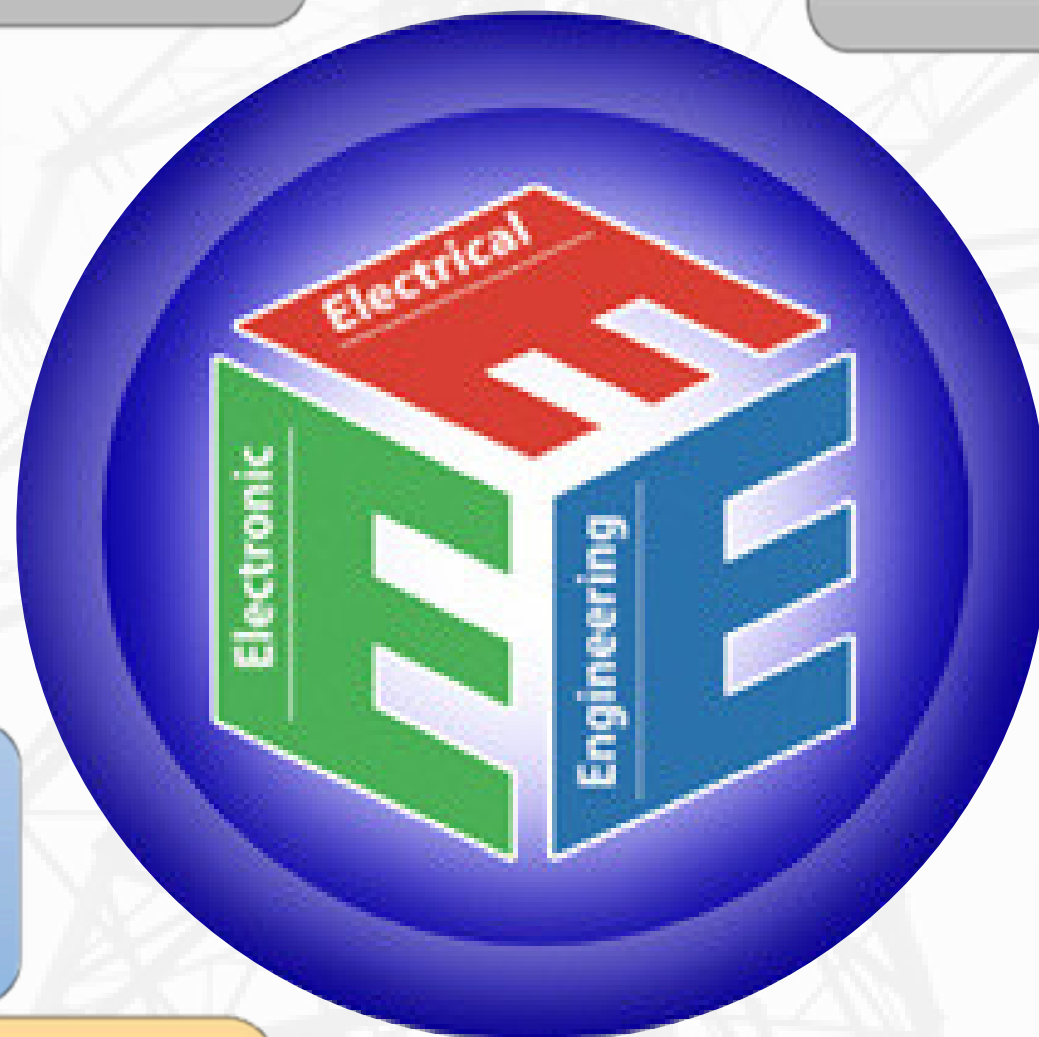
2 INAE Awards
2 Smart India Hackathon Winners

15 Industrial MoUs

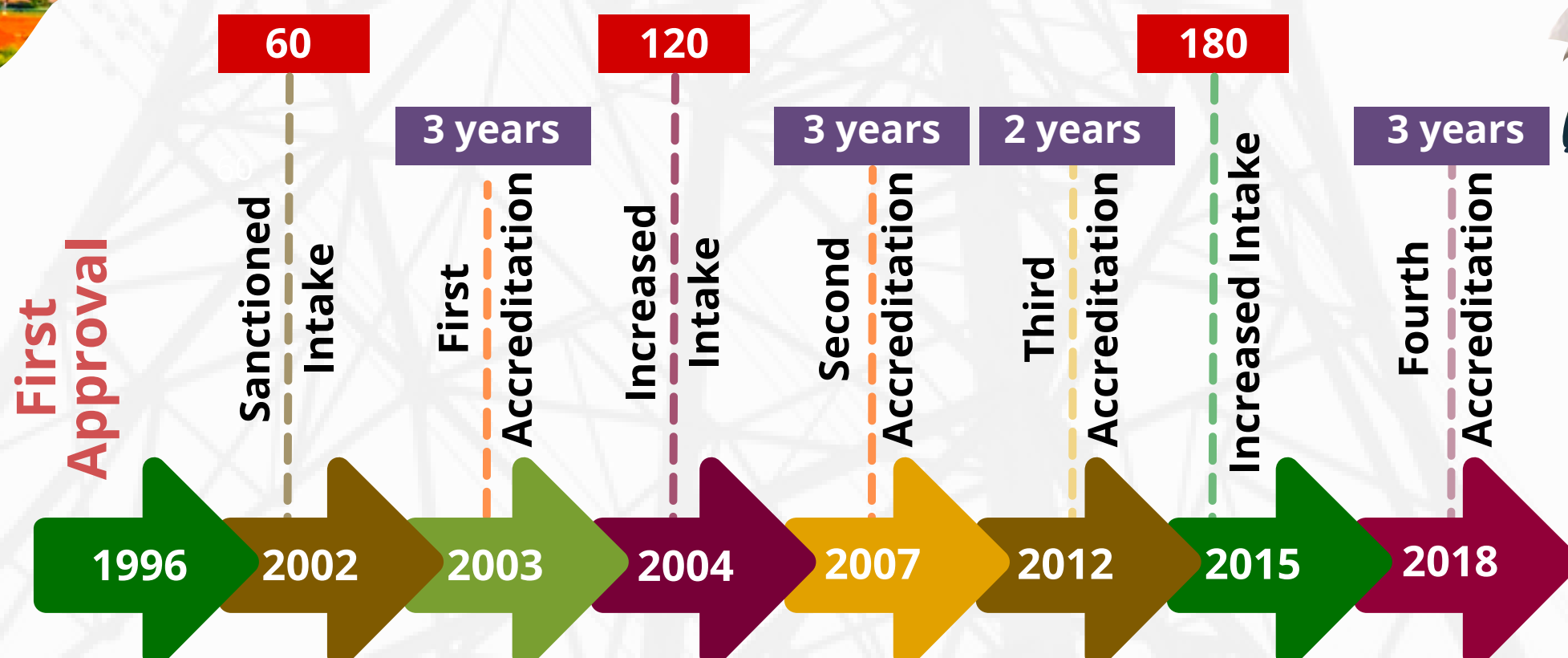
409 Student Publications
14 Books & Chapters

4 Patents granted
47 Patents published

8 Consultancy Projects
7 Funded Projects & 2 Copy Rights



GENESIS OF THE DEPARTMENT



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ABOUT THE DEPARTMENT

(Since 2000)

Programs offered

B.E - EEE
Intake - 180

Ph.D.
No. of Scholars
Completed / Ongoing - 17/40



16
Doctorates



4
Gold Medals



2
Silver Medals



118
Medals (others)



University
Ranks

LABORATORY FACILITIES

Laboratories under
Curriculum



Embedded Lab

Machines Lab

C&I Lab

Power
Electronics Lab

Circuits Lab

Renewable
Energy Lab

Power System
Simulation Lab

Nuvoton Lab

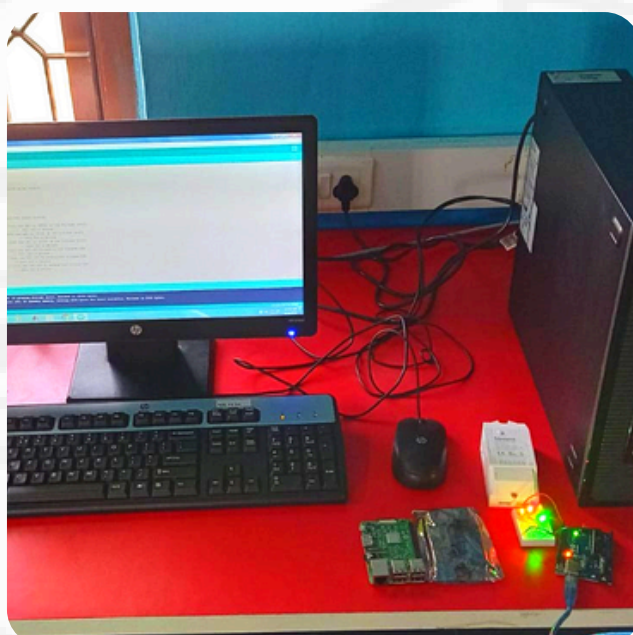


Robotics Lab



Solar Lab

Research / Funded
Lab Facilities



IoT Lab



EV Lab



6
Supervisors
(Anna university
approved)



15 years
Average
Experience

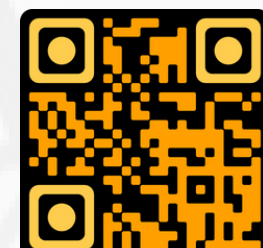
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DEPARTMENT ACTIVITIES



ISTE

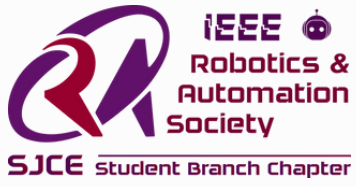
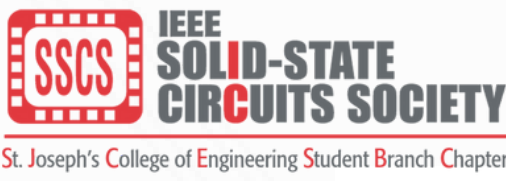
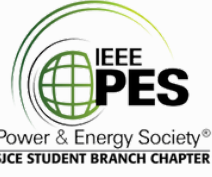
CLUBS



St. JOSEPH'S COLLEGE OF ENGINEERING
IEEE Student Branch



ELECTRICAL CLUB



IEEE SIGHT
SJCE STUDENT BRANCH
Special Interest Group on Humanitarian Technology



- We have **7 Technical Societies** and **3 Affinity Group**.
- Received **funding** around **Rs.8,87,000/-** for participating in various events since 2015 from IEEE student branch chapter.



The Students of the St. Joseph's College of Engineering, took up the "ONE STUDENT ONE TREE" initiative in line with **The Hon'ble Prime Minister's** idea of a green and healthy Environment and approved by the **All India Council of Technical Education (AICTE)**. Their Motto is "**Trees are the Solution**". Our College with the guidance of the management planted **300 trees with 300 students** in front of the admin block. Some of the trees that were planted include Banyan Tree, Neem Tree, Peepal Tree and Arjuna Tree.



Our Department's startup activity under Entrepreneurship Cell on "**9 Watt Led Bulb Assembly**" as a hands on workshop for students of II years.

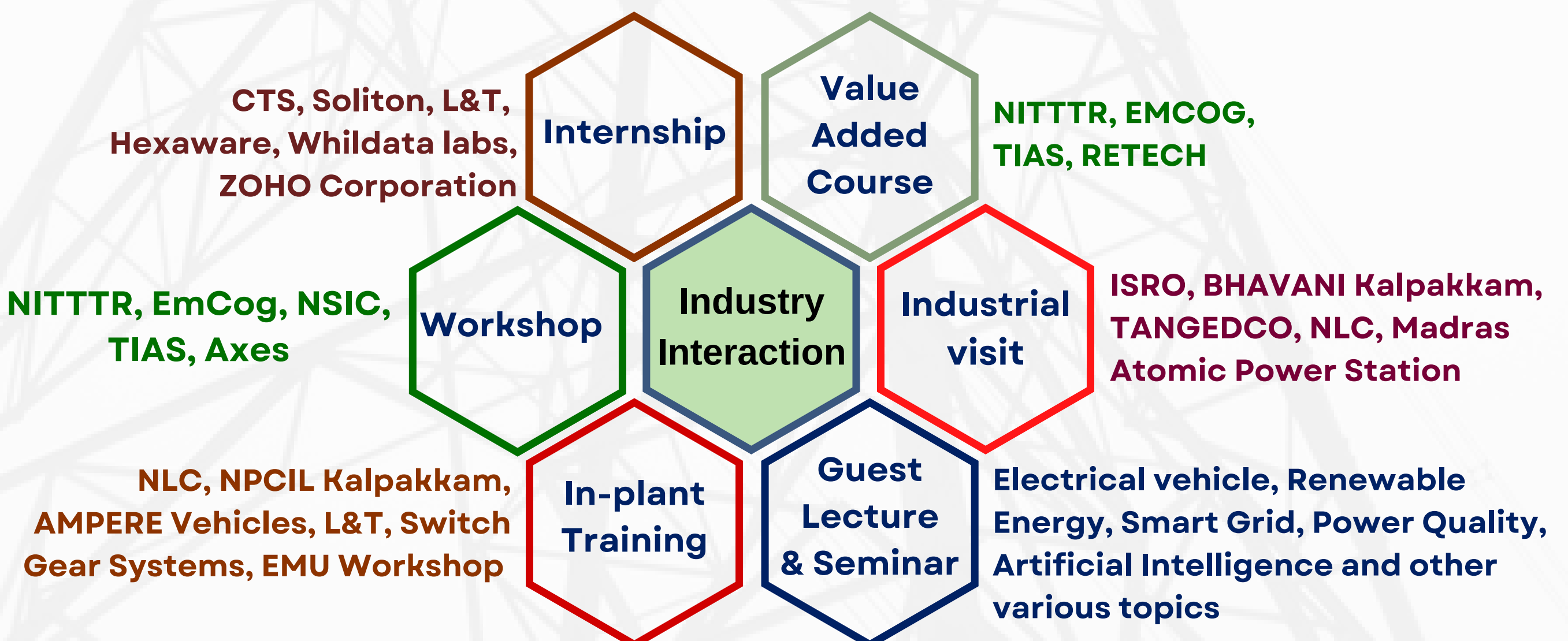


Hands on Training session on "**Basics Electronics and Robotics**" at Manuelmony Matriculation School, Palavakkam, Chennai - 600041



Project Expo was conducted for various school students on "**Basics Electronics and Robotics**"

INDUSTRY INTERACTION



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WHAT WE ENABLE STUDENTS ??

IIT BOMBAY - WORKSHOP

QIC of our college, in collaboration with IIT Bombay and Anna University, is conducting an **online workshop** that covers Free Online Software Source (FOSS) such as Latex, Java, C/C++, Open foam, QCAD, Scilab, PHP, Python, Drupal etc.

- 3353 students have undergone workshop
- Students who cleared the online test and achieved e-IIT Certificate from IIT Bombay.

MOU (INDUSTRY TIE - UP'S)



HIGHER STUDIES

ACADEMIC YEAR	No. of Students Admitted
2023 - 2024	06
2022 - 2023	14
2021 - 2022	12
2020 - 2021	10
2019 - 2020	14
2018 - 2019	17
2017 - 2018	19
2016 - 2017	10
2015 - 2016	13
2014 - 2015	13
2013 - 2014	13
2011 - 2013	21

Ms.S.Kangapriya of **2017-21** batch received **STEM Scholarship** worth of **Rs. 35 Lakhs** to pursue **M.Sc. at Teesside University, UK.**

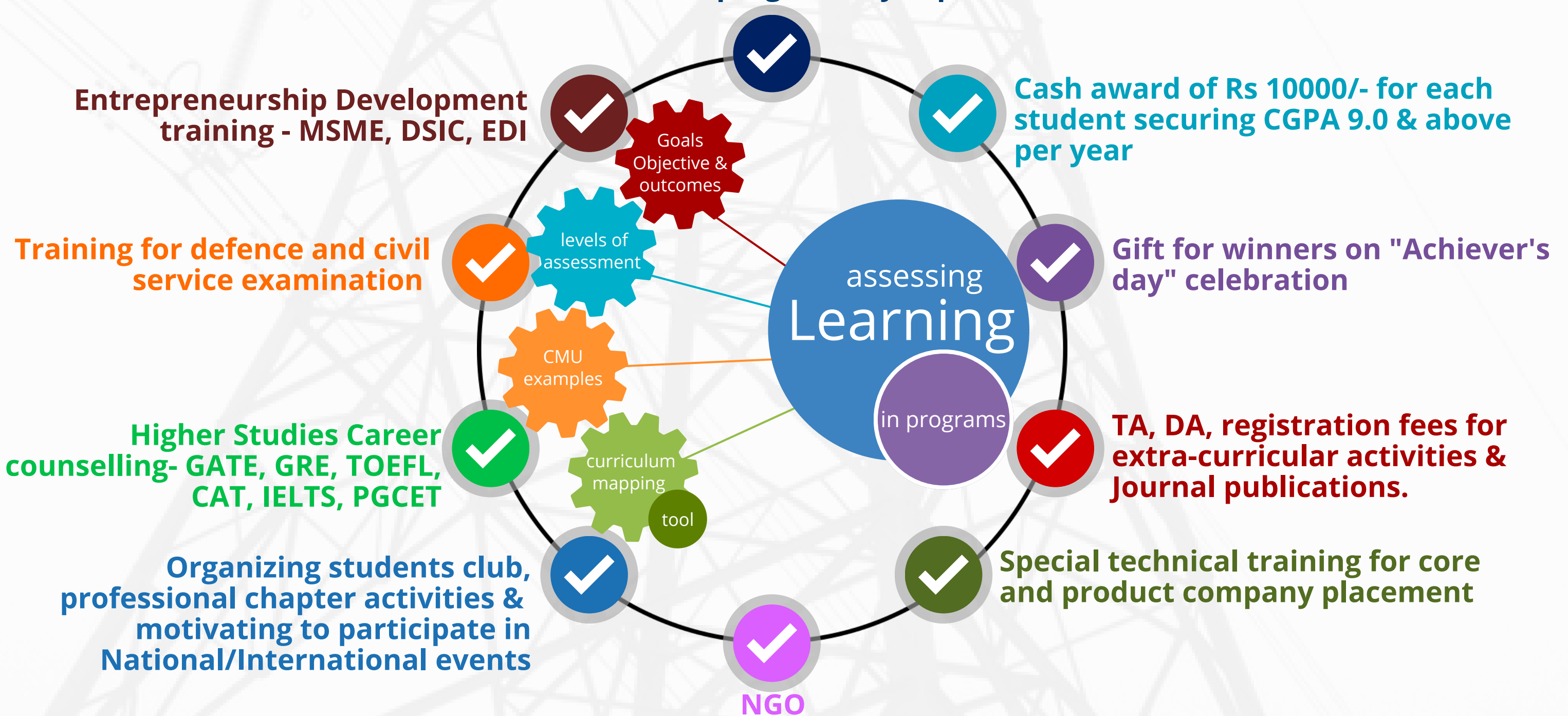


ABHS

- **Advisory Bureau for Higher Studies (ABHS)** organizes guest lectures and seminars to equip students for pursuing higher studies.
- **Coaching classes** are also conducted for GATE, GRE & TOEFL.

STUDENT BENEFITS

Certificate programs by Experts



St. Joseph's Civil Service Academy

St.Joseph's Civil Service Academy have systematic plans to make the toughest journey for preparing Civil Service Exam with several challenges into an achievable goal to students. **54 of our students** are currently undergoing this training.

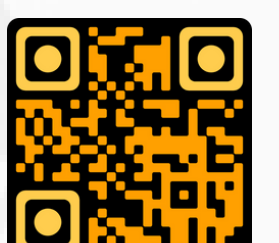
St. Joseph's Defence Officer Academy

St.Joseph's Defence Officer Academy aims to develop competitive attribute along with strong academic base by quality teaching and individual attention among the students. The academy trains all of the students at free of cost. **45 of our students** are currently undergoing this training.

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ENTREPRENEUR/SCOPE/ALUMNI DETAILS

ALUMNI ENTREPRENEUR



Harish Prabhu S B
1998-2002 Batch
Head of Business Operations & Director - NIYATA



Andrew Preethan
2002-2006 Batch
Proprietor -Arun Engineering Ambathur Industrial Estate



Raja Annamalai M
1996- 2000 Batch
Managing Director - K R Industries



Frank Noble A
2002-2006 Batch
IAS Officer



Paul Edward G
2000-2004 Batch
Assistant Director of Training Group A Officer



Rocheus Sukanya
2007- 2011 Batch
IFS - Indian Foreign Service



Cibbi J
1998 - 2002 Batch
Director - Maneuver Industry Pvt Ltd.



Dr.Rithikbalaji.D
1997-2001 Batch
Director - Remo International College & School



Deepak CN
2002- 2006 Batch
OAF Global | Hiring intelligence



S. Bhuvaneshwari
2007- 2011 Batch
Deputy Director Income Tax Group- I Officer



Abraham Judah Cephas
2007 - 2011 Batch
Deputy AG, IAAS, Comptroller & Auditor General of India



Sushil David Bright Suresh
2005-2009 Batch
US ARMY



Suresh Dakshinamoorthy
1996-2000 batch
Co-Founder & Chief Strategist - Chargeback Gurus , Texas, USA



Vijayagiri
1996 - 2000 Batch
Proprietor - Anjaneya Estates



Kaarthikk Sundar
2007-2011 Batch
FilmMaker - Director in Tamil Film Industry



Diwakar D
2006 - 2010 Batch
Major, Indian Army



Krithik Narain B
2005-2009 Batch
NTT DATA SERVICES Senior Project Advisor



R.Saravana Kumar
2008 - 2012 Batch
Technical Advisor at Sher Web (Microsoft)

SCOPE & OPPORTUNITIES



ALUMNI INTERACTION WITH DEPT

Alumni Sponsored Labs

IoT Lab, E-Vehicle Lab, Robotics Lab

Pre-Placement Initiatives

Mock Interview, Pre-Placement talk, Motivational talk, Mentor

Placement offered by Alumni

Ribbon Communications, Ice Apple Technology, Charge Back Gurus, Thecode Technologies pvt.ltd, Tech Engineering Services etc.,

Guidance for Higher studies

Higher Studies - GRE, TOEFL, GATE

Industry-Interactive Training

Workshop, Seminar, Guest Lecture, Value Added Course

Guidance for PSU's

UPSC, TNEB, Group Exams preparatory guidance

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ACHIEVEMENTS

ALUMNI/STUDENTS ACHIEVEMENTS

IEEE ACHIEVEMENTS



Mr. A Frank Noble IAS
(Batch 2002 - 2006),
Collector and District Magistrate -
Guna District, Madhya Pradesh for
receiving **"Bhoomi Samaan 2023"** -
award from Honourable President of
India



Eu-reka 2023, an Annual event conducted by
IEEE Pune Section in association with IEEE
Education society held at **Yashadha
Auditorium, Baner, Pune on 08.12.2023.**



**Mr. Nikith Jude Serrao, Mr. Alex,
Ms. Aiswarya, Ms. Harini**
(Batch 2020- 2024),
**selected as semifinalists in AICTE
inventor Challenge conducted at
NOIDA
International Level.**



Our IEEE student Chapter was awarded with
**IEEE Outstanding Student Volunteer Award
2023 - IEEE India Council - National Level.**



Mr. Blesso Abraham J
(Batch 2020 -2024) holds the title
QSKT ADVOCATE
**IBM Advanced Achievement Award
2023.**



**Ms. Jamuna U -IEEE Outstanding Student
Volunteer Award 2023 - IEEE /WIE - National
Level.**



Our students (Batch 2019 -2023) Won
cash prize of **Rs. 112500/-** in the
project competition **"Catalyse Tech-
2022"** conducted by Global Center of
Excellence in Affordable and Clean
Energy (GCoE-ACE), IIT Dharwad.



**IEEE YESIST12 - Honorable Mention
"Innovation Challenge Track"** for St. Joseph's
College of Engineering - International Level,
2023 at Arab Academy for Science,
Technology & Maritime Transport, EGYPT .



**Priyanka.J, Maria Shirley John,
Jesse.S & Mani Sha.N** (Batch 2019
-2023) had won **2nd place of cash
Prize Rs. 20,000** in Ideathon Event by
"Startup Tamilnadu Committee in
Excel Engineering College, 2023.



Our 2023 Batch Students **Prashanth A V &
Abishlal N S**, participated in **All India
Computer Society & Young Professional
Congress 2023 Meet** held at Kerala during
20 - 22 October 2023 with complete
sponsorship worth around 20,000/- from
IEEE Madras Section.



SIH 2023 - Our Students from Prefinal
year had Participated in the **Software
hackathon Event** conducted at
**Greater Noida Institute of
Engineering & Technology, Greater
Noida**



**First Place in IEEE PELS Photo
Contest with Cash Prize 500 USD**
conducted by IEEE Power
Electronics Society - International
Level, 2023.



Jayachandran.M, Poornavikash.T
(Batch 2020 -2024) won **1st Prize a
cash award of Rs. 10,000** in **National
Level Project Contest** Held at Sri
Manakula Vinayagar Engineering
College, 2022.

SPORTS ACHIEVEMENTS

Tapathi Sri S
Won III Position in Weight lifting
Anna University Tournament
2023

Shyam Sundar S
Participated World sub Junior
classic & Amp, Equipped
Powerlifting Championship 2023

Kayal Vizhi S J
Won III Position in Chess
competition
Anna University Tournament 2023

**Jeyavarman B T
Shenith S**
State level Winners - Football 2023

**Vignesh Pandi D
Ragul E
Madhavan J K**
State level Hockey Winners 2023



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PLACEMENT OFFERS & TRAINING

2023 - 2024

Individual Offers - 96*

Total Offers - 107*

Pay Package Ranges from 3.5 lakhs to 28 lakhs per annum



HIGHEST PACKAGE DETAILS BATCH (2020 - 2024)



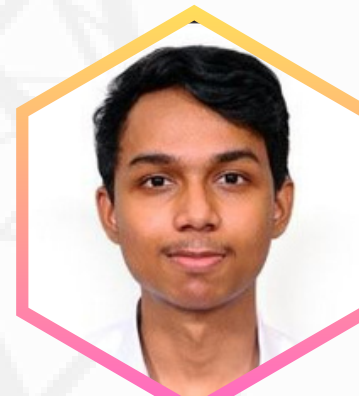
KATHIRAVAN M
Avasoft - 10 LPA
Kaar Technologies - 6.5 LPA
312320105063



KAVIYARASU R S
Soliton - 9 LPA
312320105066



NITHIN JOEL J
Soliton - 9 LPA
312320105085



SANJAY S
Soliton - 9 LPA
312320105108



MUGUNDHAN B
HCL Embedded - 6 LPA
312320105081



APARNA A G
Eduversity - 6 LPA
312320105013



ALWYN SAMUEL M
Zoho - 6 LPA
312320105010



MALAVIKA N
Zoho - 6 LPA
312320105075



DHARANI V
Kaar Technologies - 6.5 LPA
312320105035

SEMESTER WISE PLACEMENT TRAINING PROGRAM

- Product Batch Training
- Placement Online Test by Skillrack
- Company Specific Training
- Department Technical Training
- AMCAT Assessment II
- AMCAT Assessment III
- CoCubes Online Assessment I
- CoCubes Online Assessment II
- Resume preparation & Mock Interview

Communication Skill Enhancement

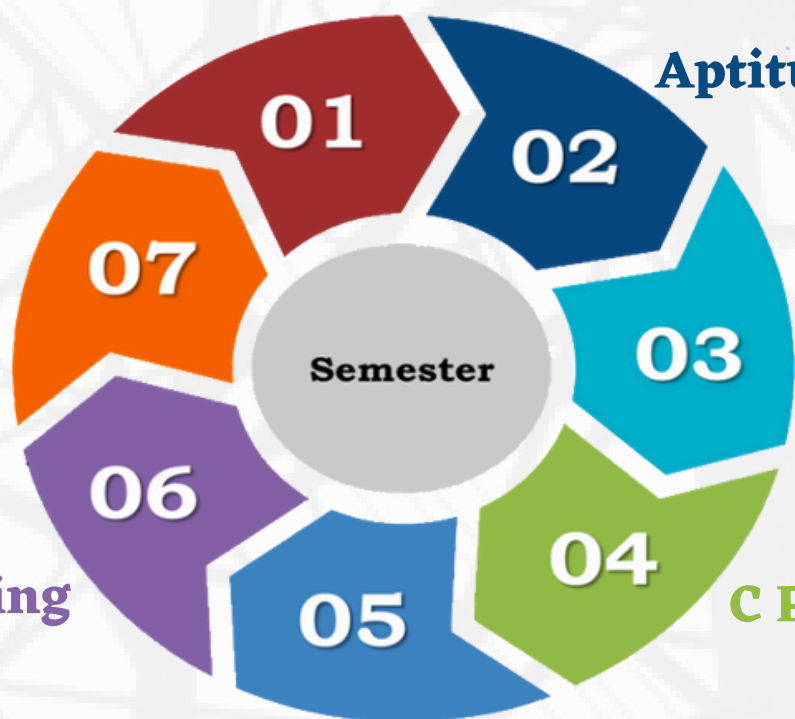
Aptitude Crash Course

Business English Certificate Training

C Programming

Data structures training
AMCAT Assessment I
Aptitude & Code Fit Training by Six Phrase (45 days)

Department specific Value Added Course (6 days)
Product Batch Training (10 days)



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Why St. JOSEPH'S ?



- St. Joseph's College of Engineering is having **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 inception, St. Joseph's College of Engineering is 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 being ranked by in **National Institutional Ranking Framework(NIRF)** since 2017.
- Our institution is ranked in 'Elite Band' at National level **Atal Ranking of Institutional Innovations and Achievement (ARIIA - 2021)**.
- Accredited with **A+ grade** by securing **3.46** on a scale of **4.00** by **National Assessment and Accreditation Council (NAAC)**.
- **09 Departments** recognised as 'Research Centres' by Anna University to Ph.D.
- Recognition as 'Scientific and Industrial Research Organisation' (SIRO) since **2014** by **DSIR**, Government of India.
- The college is having a good number of research publications with a **h-Index of 57 in Scopus** and **51 in Web of Science index**.
- Recognised as the 'Best Exam Preparatory Centre' for conducting **Business English Certificate (BEC)** examination by **Cambridge ESOL** for the past eight years in India & one among **25 South Asia Best Preparatory Centres**.
- **45 Sponsored Research Projects** of worth **Rs. 2.83 Crores** and **40 Faculty Training Programs** worth of **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 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 **PMKVY** program.
- Won **First AICTE-ECI ChatraViswakarma award** in 2017 as a **Best Institute** at National level.
- Won **1st position** in "UtkrishtSansthanVishwakarma Award", 2020 by **All India Council for Technical Education (AICTE)** in association with **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**.
- College has secured **4.5-star rating** for the activities carried out in the campus by **Institution's Innovation Council (IIC)**. In 2022 the college has received 3 projects for incubation worth of **Rs. 45,00,000** by **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**.



2023 - 2024

**Total Placement Offer
1055***



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