We Make You Shine

St. JOSEPH'S INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai - 119

12 Years of Excellence ★ Since 2011 ★

DEPARTMENT OF INFORMATION TECHNOLOGY

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

NBA NATIONAL BOARD of ACCREDITATION

We prepare for **Cambridge** English Qualifications

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Department University Rank **9**

Overall Placement Counts 2022 - 2023 : 1868 * (as on date) **Technology 640***

FACULTY

Total Faculty			
IT	19	ADS	12

Doctorates			
IT	3	ADS	3

Pursuing Ph.D			
IT	8	ADS	5

M.E/M.Tech			
IT	8	ADS	4

RESEARCH PAPER PUBLISHED

SCI/ESCI/SCIE	SCOPUS	OTHERS
16	81	37

PATENTS

GRANTED	PUBLISHED
3	24

RESEARCH

2	Recognized Supervisors
Pursuing	13

TOTAL PLACEMENT

2020 - 2021	2021 - 2022	2022 - 2023
45/50	93/100	108*/119

For Admission
: 9940104881, 9940104882

Our Website

DEPARTMENT OF IT & ADS

GENESIS OF THE DEPARTMENT

INTAKE 60	3 YEARS	INTAKE 120	3 YEARS	ADS INTAKE 60	ADS INTAKE 180
ESTABLISHED IN	NBA ACCREDITED	INCREASE	RE-ACCREDITED	IT PERMANENT AFFILIATION AU	INCREASE
2011	**2017**	**2018**	**2020**	**2021**	**2022**
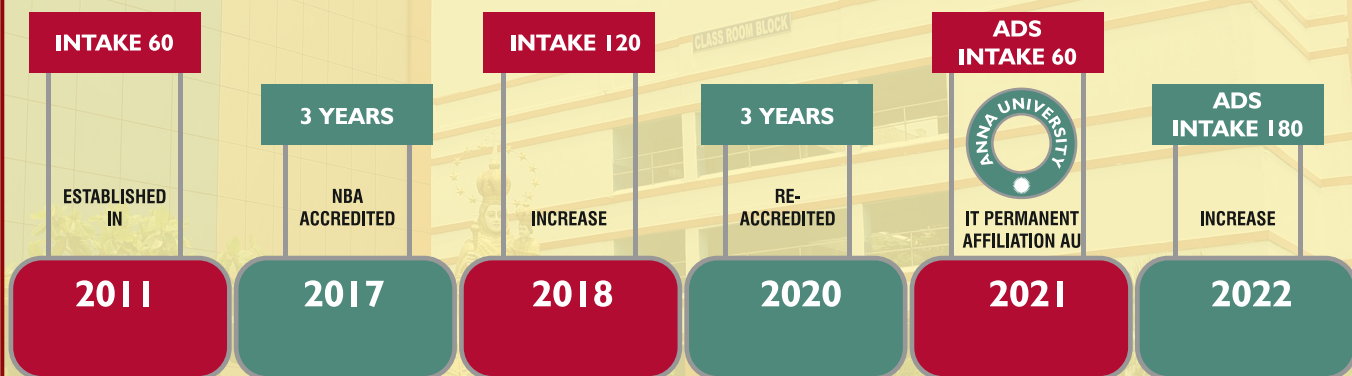
RESEARCH GRANTS RECEIVED

Dr. S.KALARANI & Dr. R.PRISCILLA
SPICES - Scheme for Promoting Interests, Creativity and Ethics among Students
AICTE
Rs.1,00,000

Dr. S.KALARANI & Dr. C.SARAVANA KUMAR
Anna University Approved
FDP 2022
Rs.30,000

AICTE/SERB/DST/TNCMR
Applied
6 Projects
Under Review
Rs.95,00,000

PATENTED

IEEE

SCOPUS® Impact Factor

PUBLICATIONS

Year of Index	Total No. of Publications	Conference Indexed in Scopus	Journal Indexed in			Others
			Scopus	WOS		Non Indexed
				SCIE	ESCI	
2023*	15	10	1	1	3	-
2022	31	14	4	5	1	7
2021	36	17	7	3	-	9
2020	17	8	5	-	1	4
2019	15	2	3	1	-	9
2018	15	4	3	-	-	8
2017	4	-	3	1	-	-

DEPARTMENT OF IT & ADS

CLOUD COMPUTING
Virtualization, Resource Management, Cloud Security

ARTIFICIAL INTELLIGENCE
Robotics, Adaptive Learning, Machine Learning, Deep Learning, Expert Systems

DATA ANALYTICS
Clustering, Classification, Streaming, Visualization

INDUSTRY BASED TECHNOLOGY

MOBILE TECHNOLOGIES
Mobile Telecommunication System, Mobile Software Development

INTERNET OF THINGS (IoT)
Arduino, Raspberry Pi, Cisco IoT System, Application Development

RPA LAB
(Robotic Process Automation)
Blue Prism – Robotic Process Automation Centre of Excellence powered by Netalla

MOUs

Red Hat Private Limited, Stigmata Techno Solutions, Internshala, LinuXpert Systems, Advantage Pro , Gusto Info Technologies, Mind Spa Technologies , EC counsil , Indiespirit Technologies, Imarticus Learning Pvt Ltd

Red Hat — STIGMATA TECHNO SOLUTIONS LLP — INTERNSHALA — LinuXpert Systems — PRO ADVANTAGE

gusto — MindSpa — EC-Council — IndieSpirit — IMARTICUS LEARNING

SPONSORED WORKSHOPS & FDPs

- Cloud Computing
- Problem Solving & Python Programming
- Short Term Course on Big Data Analytics
- Deep Learning
- Computer Architecture
- Graph Theory & Applications
- Design and Analysis of Algorithms
- Introduction to Cloud India Structure & Services
- Cloud Computing and Big Data

ANNA UNIVERSITY — PROGRESS THROUGH KNOWLEDGE

IEEE COMPUTER SOCIETY

AICTE

CDAC — CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING

ICT ACADEMY — Innovate... Collaborate... Educate...

eyeopen TECHNOLOGIES — We go the extra mile...

DEPARTMENT OF IT & ADS

PLACEMENT TRAINING & CAREER RECORDS

Communication Skill Enhancement Training
I Sem

Basic C / JAVA Programming Training Aptitude Crash Course
II Sem

BEC Training Aptitude Crash Course
III Sem

Advanced C / JAVA Programming Training
IV Sem

Advanced Data structure Training AMCAT Assessment I
V Sem

Department Specific Value Added Course Soft Skills Training / Mock Interview / SQL Training AMCAT Assessment II
VI Sem

AMCAT Assessment III CoCubes Online Assessment I Aptitude Training Program Technical Training Program Company Specific Training Mock Interview Softskill Training CoCubes Online Assessment II
VII Sem

INPLANT TRAINING & INTERNSHIP

To enhance learning skills, technical knowledge, creativity, our students are encouraged to undergo In-plant training and internship

Academic Year	INPLANT TRAINING		INTERNSHIP	
	No. of Students benefited	No. of Companies	No. of Students benefited	No. of Companies
2022-23	102	43	76	47
2021-22	130	36	63	33
2020-21	83	31	33	37
2019-20	65	30	31	31

Infosys   HEXAWARE   vero Software   Adobe   wipro   Cognizant   tactlabs

VALUE ADDED COURSE

No. of Students Benefited

2020-21	2020-21	2022-23
51	100	119
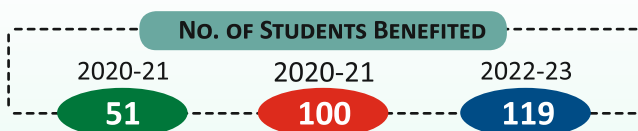
- It plays an integral part in providing career oriented growth for the students.
- To bridge the skill gap and make students industry ready and improve employability skills of our students.
- Some of the topics covered include **Full Stack Web Development, Cyber Security, RPA, IoT.**

STUDENT INNOVATIVE PROJECTS

DASHBOARD TO ANALYSE CRYPTO PRICE USING POWERBI

DASHBOARD TO ANALYSE AGRICULTURE YIELD

AI BASED VIDEO, AUDIO AND IMAGE GENERATOR

VIRTUAL MOUSE USING PYTHON

OBJECT DETECTION IN SATELLITE IMAGES

Robot Controller using Arduino & Angular JS
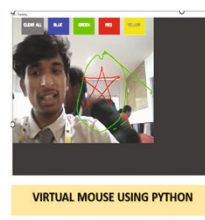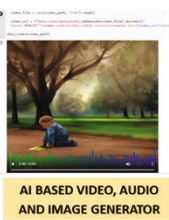
DEPARTMENT OF IT & ADS

ELITE ALUMNI

20 L

Mr. G. Kumaraguru
Senior Analyst
Everest Group **(20L)**

22 L

Mr. Singaram PL
Associate Consultant Omnichannel
Operations (Data Engineer)
Eli Lilly and Company **(22L)**

15 L

Mr. V. Gobinath
Software Engineer,
Gupshup Technology
India Pvt Ltd, **(15L)**

12 L

Mr. Lokeshwar Kumar Tabjula
Full Stack Developer
Verizon Communications **(12L)**

Govt

Ms. J R Aishwarya
Assistant,
LIC housing finance limited
(Govt of India)

Govt

Ms. G. Harsha Priya
ASE, TNEGA E-Governance
Agency
(Govt of Tamil Nadu)

Entrepreneur

Mr. Joseph Lionel Faber
Entrepreneur,
Faber Innovation, Chennai

Pilot
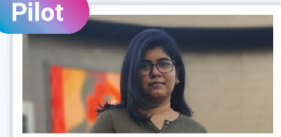
Ms. Supraja Moorthy
Commercial Pilot Licence
Principal Air Ltd.
British Columbia, **Canada**
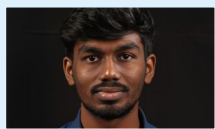
Mr.JOHN NESA KUMAR
Thoughtworks
11.1 L

Ms.MERESHIYA J M
SterliteTechnologies
8L

Mr. ANISH CHARMIA
Kaar Technologies
8L

Mr. SATHISH KUMAR J
Sterlite Technologies
8L

Mr. ROHITH SAI
Kaar Technologies
8L

HIGHER STUDIES

Northeastern University | Boston University Graduate School of Arts & Sciences
Deakin University | Cleveland State University | George Mason University
Lancaster University | New York University | University of North Texas
Nottingham Trent University | University of Texas at Arlington | University of Maryland
University of Missouri Kansas City | Baltomore Country Fanshawe College, Canada
Arizona State University | Skema Business School, France | Middlesex University, Dubai
IISC Bangalore | Great Lakes, Chennai

Ireland

Mr. Mukesh Matty
MSc in Big Data
Management and Analytics,
Griffith College Dublin, **Ireland**

US

Mr. Manoj Mannem
M.S Computer Science
University of Central Missouri
Warrensburg, **United States**

US

Mr. P. Ram Vinoth
Master of Applied Computer Science
University of North Carolina, **US.**
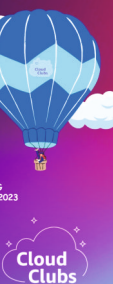
US

Mr.Aakash SK
Arozona State University MS IT

AWS Cloud Club Captain

Our Student of III year, Raghul G is one of the 10 captains from India. Out of 50 captains in the world, I'm the only one from South India. This emergence has paved the creation of AWS Cloud Club **St. Joseph's Institute of Technology,** which exists as the superior club with the most number of members among all the other clubs.

DEPARTMENT OF IT & ADS

Students Awards and Scholarships

Our college offers various **scholarships and awards** to students based on academic achievement. Every year our college takes pride in honoring our students by providing incentives for Academic excellence and awards for those promising students who have shown outstanding academic potential with the **"Perundalaivar Kamarajar Award"** as a token of recognition of excellence. **"Best Outgoing Student"** award is awarded to the overall student performer.

AZ - Conference

This is the first World Class Azure Conference, in which the students of our department have participated the Conference. The Conference is based on Azure Services where the students got some knowledge about Azure Services in the Software Development Market. Through this AZ - Conference, students got good networking with professionals and made them upskill their skills. The Conference held in Chennai, Leela Palace.

TN Police Hackathon

Our Students of III year Pandi A, Raghul G participated in TN Police Hackathon hosted by SRM University on 10th of December won the Special mention award.


SHIFT Healthcare Hackathon

Our Students of III year Raghul G, Shanmugavasan R, Pranavi K participated in a Hackathon "SHIFT Healthcare Hackathon" hosted by Siemens Healthineers Development Center on 17,18th of November 2022 won the Special mention award.

SRGEC Hackathon

Our Students of II year Joiyson Jawahar, Jesro Nithin A, Joel William A, Kishore M participated in SRGEC Hackathon 2022 hosted by SRG Engineering College on 14th and 15th of September and won the third place with a cash prize of Rs.6000.
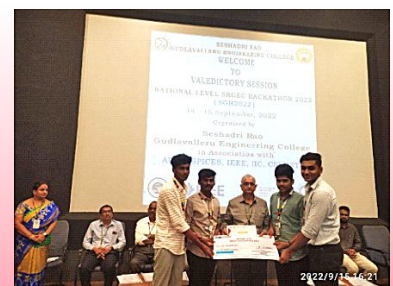
The Smart Agrothon 2023

The Smart Agrothon 2023 aims to bring together teams from across India who possess fresh perspectives, disruptive approaches, cutting-edge research, and smart-thinking skills to address the significant challenges related to agriculture. This event seeks to accelerate the development of technology-based solutions that can assist farmers in overcoming their difficulties and enhancing their farm returns. We have submitted 4 team projects for consideration, and 2 of them have been shortlisted. Furthermore, 1 of our team projects has been awarded a cash prize of INR 30,000.

DEPARTMENT OF IT & ADS

Industrial Visits

Industrial visits are arranged by the department for the students to understand the growing industrial needs. The industries visited by our department students are : ISRO, Sriharikota, Ashok Leyland, Hosur, Neyveli Lignite Corporation, Neyveli, Chennai Airport, Cognizant, Chennai, Sigmata Techno Solutions, Eye Open Technologies

ED Cell Activities

Our college provides technical support to the students having innovative ideas to transform the ideas into new products and services to the society. The ED Cell conducts various programs such as seminars, workshops, industrial visits, food fest and interaction with entrepreneurs.

St. Joseph's Defence Officers Academy

Defence Academy aims to develop amongst its students a competitive attribute along with strong academic base with quality teaching and individual attention as its main aim. The academy trains all the students free of cost.

St. Joseph's Civil Service Academy

St. Joseph's Civil Service Academy has systematic plans to make the toughest journey for preparing Civil Service Exam with several challenges into an achievable goal to students. 17 of our students are undergoing extensive training.

St.Joseph's விடிவெள்ளி

True happiness lies in giving and that is above anything else in the world. St.Joseph's விடிவெள்ளி organizes NGO visits for every semester to the places of Orphan Children/ Women/Old Age Home to realize how blessed we are. Our college offers lunch to everyone in the home. Students buy needy items like medicine, grocery etc.

About College

- ✓ We motivate and prepare our students to excel in all aspects.
- ✓ 12 years of academic excellence in Engineering Education, offering 6 UG programs
- ✓ Secured 39 University Ranks with 1 Silver medal since inception.
- ✓ The courses offered (B.E. - CSE, ECE, EEE, Mech. Engg. & B.Tech.-IT) have been accredited by NBA in 2017 in the shortest span of 6 years since inception, which ascertains our quality.
- ✓ Rated 4.5 Stars by the Institution's Innovation Council (IIC) of Ministry of Education, Govt. of India.
- ✓ Ranked at 'Performer Band' in Atal National level Ranking (ARIIA -2021) by Ministry of Education, Govt. of India.
- ✓ Associate Member of ICT Academy, Department of Information Technology, Government of Tamilnadu.
- ✓ National Employability Award' by Aspiring Minds (SHL), received every year since 2021.
- ✓ Recognized as the Nodal Centre of ISR0-11 RS outreach program to conduct live and interactive courses.
- ✓ Recognized Skill Development Centre for Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Ministry of Skill Development & Entrepreneurship (MSDE) implemented by National Skill Development Corporation.
- ✓ Selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and "Skill and Personality Development programme Centre (SPDP)" for SC/ST students by AICTE, New Delhi.
- ✓ Recognized as the 'Best Exam Preparatory Centre' for conducting Business English Certificate (BEC) examination by Cambridge ESOL for the past years in India & one among 25 South Asia Best Preparatory Centres.
- ✓ Received notable awards and recognitions namely Innovative Project Award and Youth Conclave Award from I NAE, Hackathon Award, IEEE and TNSCST Student Project Fund.
- ✓ Approval has been granted by AICTE for IDEA lab worth Rs. 110 lakhs under self-finance scheme.
- ✓ Received 2 International Travel Grants from IEEE Photonics society by our students for attending International Conferences in USA.
- ✓ Received grants from SERB, AICTE for conduction of IEEE supported conference and MSME for start up projects
- ✓ Conducted 7 International Conferences periodically since 2016.
- ✓ Excellent Sports recognitions at National and International level

Overall Placement Counts

2022 - 2023 : 640*

* (as on date)

Total Companies Visited

292+