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67 STUDENTS

St. JOSEPH'S

COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. JOSEPH'S GROUP OF INSTITUTIONS

OMR, CHENNAI – 119

St. JOSEPH'S COLLEGE OF ENGINEERING
CHENNAI - 600 119
You Choose, We Do It

St. JOSEPH'S GROUP OF INSTITUTIONS
31
Years of Excellence
★ Since 1994 ★

CONTENTS

ABOUT THE COLLEGE

- St. Joseph's College of Engineering is having 30 years of successful academic reputation offering 11 UG programs and 3 PG programs with a current intake of more than 1750 students per year.

- Since inception, our Institution is consistently placed among the Top 10 institutions in terms of number of ranks. So far 1553 ranks including 57 Gold medals and 56 Silver medals have been secured by students. The college has been in 1st Place for 4 times in terms of fetching highest numbers of Anna University ranks.

- The College is continuously being ranked by in National Institutional Ranking Framework (NIRF) since 2017 and ranked in '101 – 150 band' at National Institutional Ranking Framework under Innovation category (NIRF- Innovation 2023).

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

- 10 departments have been recognized as 'Research Centers' by Anna University to pursue Ph.D. and also recognized as 'Scientific and Industrial Research Organization' (SIRO) since 2014 by DSIR, Government of India.

- Our institution has received 2nd Rank in Performers band of NSIIR 2023 (National Sustainability Impact Institutions Ranking) organized by NITI AAYOG & ATAL Innovation Mission for our initiatives in support United Nation's Sustainable Development Goals.

- Our research publications have resulted in fetching Scopus h-index 67 and Web of Science h-index 59 for our institution.

- Our institution is the recognized 'Linguaskill Centre' for Cambridge English Assessment in India & one among 25 South Asia Best Preparatory Centers for Business English Certification (BEC).

- So far 57 Sponsored Research Projects to the value of Rs. 5.04 Crores and 48 Faculty Training Programs with a grant of Rs.71.51 lakhs and FIST grant of Rs.71 Lakhs were received from AICTE, NRB, DST, SERB, DBT, NRDMS, ISRO, TNSCST & Anna University etc.

- INAE Innovative Project Awards (21 Projects) were bagged by our students for their innovative projects.

ABOUT THE COLLEGE

○ Our Institution is selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and Skill and Personality Development program Centre (SPDP) for SC/ST by AICTE, and received a grant of Rs.17 lakhs grant under PMKVY program.

○ Won First AICTE-ECI Chhatra Vishwakarma award in 2017 as a Best Institute at National level.

○ Won 1st position in "Utkrisht Sansthan Vishwakarma Award", 2020 by AICTE in association with Ministry of Human Resource and Development (MHRD).

○ Secured AICTE-Lilavati 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 4star rating for the activities carried out in the campus by Institution's Innovation Council (IIC). In 2023 the college has received 4 project grants worth of Rs.56 Lakhs for Business incubation by MSME, MOE, & Government of India

○ Consistently our students are securing winning positions in National Level Innovative idea competitions such as AICTE Smart India Hackathon in Hardware and software, Toycathon, Mapathon etc.

○ We have Secured 58th Rank by Internshala Annual Ranking 2023 and our Institution is consistently awarded "National Employability Award" every year since 2017 by Aspiring Minds.

○ Our college is recognized as India's Best Engineering Institute 2023 with AAAA rating by Careers 360 organization.

○ Our Institution is listed in India Book of Records for hosting National Level FDP on Cloud Infrastructure organized by BRAIN O VISION, and supported by AICTE, Ministry of Education, Govt. of India.

TEACHER'S DAY CELEBRATIONS

Teachers change the world one child at a time.

Techno Talentum
@Pudukottai
Total Cash Prize
62,000

ONAM CELEBRATIONS

The Institution of Engineers (India) – Tamil Nadu State Centre has presented the Institutional Excellence Award 2024 to our college. This prestigious award was given to us on the 57th Engineering Day Celebrations. Our Principal Dr.Vaddi Seshagiri Rao received the award in the ceremonial function.

INSTITUTIONAL EXCELLENCE AWARD 2024

(ENGINEERING)

PRESENTED BY

The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1938)

We are **NOW!**

RESEARCH INSTITUTE

Institutional Level Research Centre

recognition given by Anna University

REMARKABLE
RESEARCH OUTCOMES
FOR 30+ YEARS KEEPS US ELEVATED...

Our college is recognised as "Research Institute" by Anna University Chennai. We are given with this recognition since we are an Institutional Level Research Centre. Our remarkable research outcomes for 30+ years keeps us elevated.....

MEMORANDUM OF UNDERSTANDING

Memorandum of Understanding is signed between St. Joseph's college of Engineering and Zoho Corporation Pvt. Ltd. on 3rd September 2024. This strategic partnership marks a significant milestone towards exploration of new possibilities. This promising collaboration paves the way for many successful venture in the future. Mr. Mohammad Sohail, Head - Talent Acquisition and Global Operations and Mr. Dhinesh Khanna, Global Head - Customer Sucess shared insights about the prospective ventures in the future

Workshop

On 11th & 12th September, 2024, department of Electronics and Instrumentation Engineering hosted student workshop on Computer Vision exclusive for III Year EIE students. The workshop facilitator Dr.U.Sabura Banu, Founder & CEO, Intellectz Tech 4 All.

We the Department of computer science and engineering, organized workshop for the students from batch (2022-2026), Name "Neuro pulse-2" on "11.09.2024 & 12.09.2024" .This workshop is mainly held for 2 days with hands on experience. Day-1 held with handling of hardware like audino board . Day -2 of workshop was held with concepts of machine learning like cleaning and preprocessing of Data. Students were able to get incredible knowledge with trying the experience.

DEPARTMENT OF MBA

NGO

Amma - Appa old age home', Manivakkam

'Maria's home for aged', St. Thomas mount

DEPARTMENT OF IT

Anbu Thondu Nilaiyam
Chengalpattu,
12.667789,79.995676

GUEST LECTURES

The Department of MBA organized a guest lecture on 11th September 2024 by Mr. Arun Kumar Devay, Senior Management Consultant and Industrial Economist, and former representative of the Indo-German Chamber of Commerce. He discussed "The Skills to Be a Manager" with the first-year MBA students, providing valuable insights into the essential competencies required for effective management in today's business environment.

The Department of MBA organized a guest lecture on 9th September 2024 by Mr. P. C. Balasingh, Founder of RxT - A Financial Health Clinic. He discussed "Understanding Financial Assets" with the final-year MBA students, offering key insights into the various types of financial assets, their importance in wealth management, and how to assess and manage financial risks effectively.

We the Department of computer science and engineering organized Guest Lecture for final year students of batch 2021-2025. This was held by "Mr Ajay Mukund S" , Founder & CEO, "Data Science Academia" and a Doctoral Research Associate (SRF) at Anna University, Chennai on " Building your Career".

Department of Computer Science and Engineering,has organised Guest Lecture for current 3rd year student , batch 2022-2026 which was felicitated by "Dr Catherine Tqmilarasi" ,solution Architect at "Citius Tech"on topic " Data on Cloud"

STUDENT CHAPTER ACTIVITIES

IEEE Madras Section Women in Engineering Affinity Group, organized and IEEE St. Joseph's College of Engineering Women in Engineering Affinity Group, hosted "Connecting the Dots 3.0" on 4th September 2024. The Event was enlightened by distinguished guests, Dr. T. Sree Sharmila (Chair - IEEE MAS WIE AG), Dr. Jayarama Pradeep (Executive Member - IEEE MAS WIE AG), Mr. Niranjan Kumar (Executive Member - IEEE MAS WIE AG), and Ms. Abinaiya Sri (Executive Member - IEEE MAS WIE AG).

STUDENT CHAPTER ACTIVITIES

Department of EEE & IEEE St. Joseph's College of Engineering, in collaboration with IEEE PELS Madras Section, successfully hosted a PROJECT EXPO'24. From 100 applicants, 20 teams were shortlisted, with four esteemed juries providing valuable insights. A total Prize amount of 20K were given to winners.

STAFF ACCOLADES

Subramanian M, Assistant Professor from Department of Mechanical Engineering has attended 6 days Offline AICTE Training and Learning (ATAL) faculty development program on Quantum Artificial Intelligence and High performance computing for Industrial Digital Twins at Amrita Vishwa Vidyapeetham - Chennai Campus from 09.09.2024 to 14.09.2024

Mr. M. Siva, Assistant Professor from Mechanical department delivered a guest lecture on *Engineering Mechanics* at *Dhanalakshmi Srinivasan College of Engineering and Technology* on 11/09/2024

INDUSTRY INTERACTION

From the Department of computer science and engineering, "Dr. E.Ahila Devi (ASP), Ms.K.R.Raghi (AP)" has involved in Industry Institute Interaction with "INETZ TECHNOLOGIES" on 10.09.2024. The Discussion happened for MoU, Inplant Training and Consultancy project for the student well fare and skill development of students for their Internship.

Dr. E. Ahila Devi ASP/CSE & Ms. K. R. Raghi AP/CSE
Interacted with Ms. Devika and Mr. Srinivasan ,
CEO and Founder of Inetz Technologies
Vadapalani

INDUSTRY INTERACTION

Dr. S.Meena, Associate Professor & Dr.B.Senthil Kumar, Associate Professor from the department of Electronics and Instrumentation Engineering have visited Centre for Development of Advanced Computing (C-DAC), Tidel Park, Chennai on 12/09/2024 and interacted with Ms. P.Poonguzhali, Embedded Systems Head. Discussed for the Student Internship, Industrial Visit and Placement.

ALUMNI TALK

On August 24, 2024, the alumni talk "Navigating New Horizons: Strategies for Pursuing Higher Studies Abroad" offered an enriching experience for attendees. Esteemed alumnus Arockia Cyril J. shared his personal journey and provided expert advice on the complexities of pursuing higher education overseas. The session proved to be a valuable resource for students seeking to understand and navigate the challenges of studying abroad.

Mr. Ragavendar, a Proposal Engineer at Topsoe and an alumnus of the 2015-2019 batch, conducted a hands-on workshop for final-year students on "Practical Control Systems." The workshop aimed to bridge the gap between theoretical knowledge and real-world applications, providing students with practical insights into control systems used in the industry. With his experience in engineering proposals, Mr. Ragavendar shared valuable knowledge on system dynamics, control mechanisms, and how these systems are implemented in various industries. The interactive nature of the workshop allowed students to engage with real-world scenarios and apply their learning in a practical context.

On 14/09/2024, Department of Mechanical Engineering Organized alumini Interaction with Mr. E. Sriram, Production and Quality Trainee, Lucas TVS, Padi, A Proud Alumine of Batch 2019-23, He also going to do Higher Studies in Germany, He gave a clear vision to the Present Third Year regarding the Core Company Expectation on current engineers on hiring and how to prepare for Higher Studies and how to Choose Universities Abroad.

Mr. Mohamed Rashid, an Engineering Management Service trainee at the DAP Plant, SPIC, Tuticorin, and a distinguished alumnus of the 2019-2023 batch, recently delivered an insightful online alumni talk on 13.09.2024. The session was aimed at guiding 4th-year students on how to effectively prepare for the SPIC recruitment drive. During the talk, Mr. Rashid shared valuable tips and strategies based on his own experiences, helping students understand the key aspects of the recruitment process and the expectations of SPIC.

Mr. Ram Prasad, an alumnus of the 2018-2022 batch and currently pursuing M.Tech at IIT Madras, delivered an insightful session on "GATE Preparation - Phase II" to the students on 14.09.2024. With a commendable GATE score of 560, Mr. Prasad shared his preparation techniques, study strategies, and time management tips to help students enhance their own exam readiness. He focused on the importance of a structured approach, consistent practice, and leveraging available resources effectively. His personal journey, from preparation to clearing the GATE exam and joining IIT Madras, provided inspiration and actionable advice to the aspiring students.

EMPLOYABILITY COURSE

The Department of Electronics and Communication Engineering, in collaboration with the Tamil Nadu Smart and Advanced Manufacturing Centre of Excellence (TANSAM), conducted a Robotics and Automation course for third-year ECE students specializing in Robotics. 47 ECE students participated in the course, which took place from September 13th to 14th, 2024.

The Edveon Expert Team conducted a 5-day intensive training program for ECE Students from September 9 to 13, 2024, focused on equipping students with the essential skills in System Verilog for VLSI chip verification using the QuestaSim EDA tool. This comprehensive course, attended by 47 students from the 3rd and 4th years of their respective programs, provided a deep dive into VLSI chip design, covering its components, architecture, and intricacies. Through hands-on exercises and assessments, participants gained valuable practical knowledge and skills, preparing them for successful careers in the field of VLSI chip design.

The "5G Deep Dive" program, conducted by TelcoLearn from September 9 to 14, 2024, was an intensive course for 39 III Year ECE students at the 5G/6G Technology Innovation Centre. Led by Mr. Sanjay Kumar, with over 20 years of telecom experience, the course covered wireless fundamentals, 2G-4G overviews, 5G evolution, network architecture, NR layers, core networks, Telco Cloud, and hands-on 5G lab setups. Students engaged in practical exercises using MATLAB and srsRAN & Open5GS and underwent six assessments. The program aimed to enhance students' employability in the 5G field.

The workshop on FPGA Prototyping was organized for ECE students, led by Mr. Vinnalan K.A from CoreEL Technologies, Bangalore, on September 5th and 6th, 2024, focused on equipping participants with FPGA development skills using Zedboard and Vivado. Participants delved into the 7-Series architecture, mastered design flow, RTL implementation, hardware debugging, and embedded system design.

EMPLOYABILITY COURSE

12 September 2024 8:52 am

13 September 2024 10:29 am

IQMATH's Data Analytics course, specifically designed for 3rd-year ECE students, aims to equip them with the skills to leverage data for informed decision-making, improved efficiency, and enhanced customer experiences. The course, with 65 participants, covers data analytics fundamentals, enabling students to gain a competitive edge, drive revenue growth, manage risk, foster innovation, reduce costs, and streamline processes. By embracing data analytics, students can unlock new possibilities, drive growth, and stay ahead in today's data-driven business landscape.

WORKSHOP EEE students in two batches of 55 have visited High Voltage Engineering Lab @ IIT Madras on 9th & 10th Sep 2024.
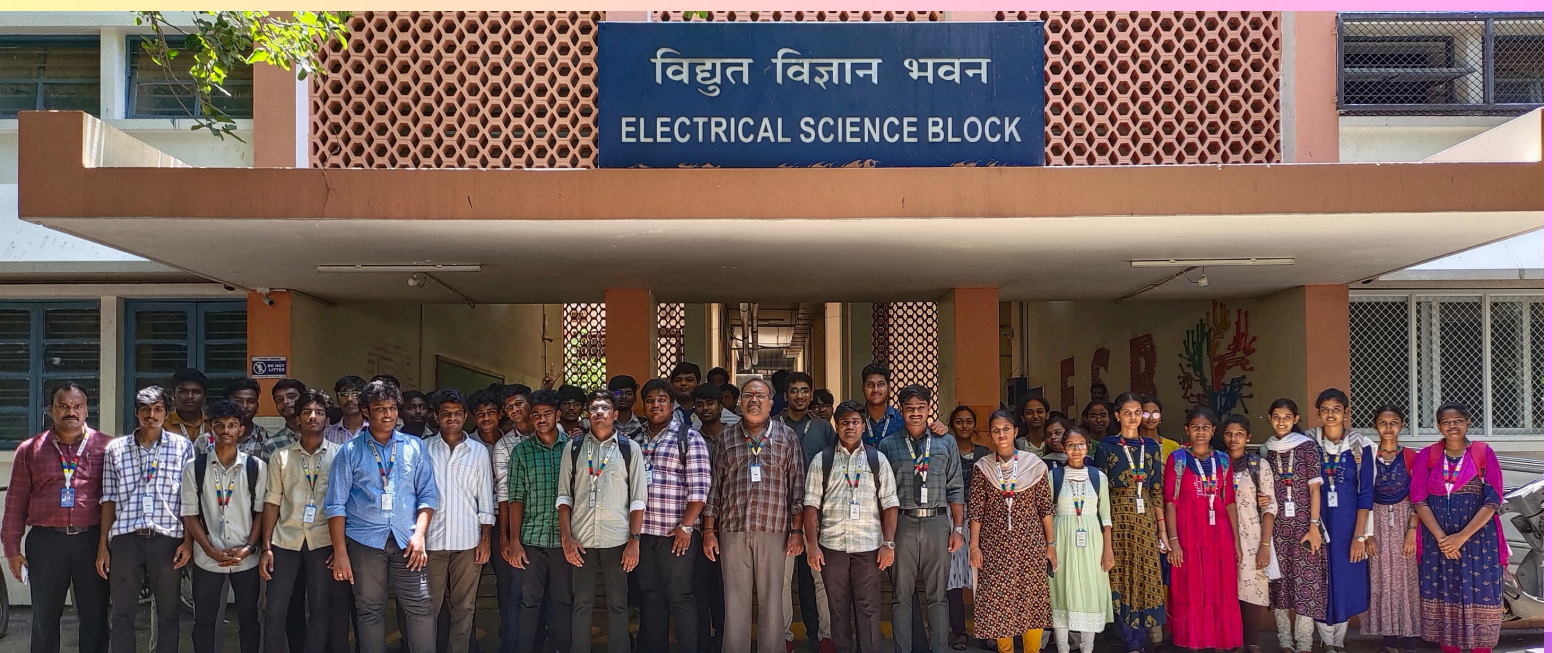
Staff Achievements

1 Dr. Sampath published a paper on "Medical Tourism in India: Analysing Trends, Challenges and Opportunities for Healthcare Travel", in African Journal of Biological Sciences, 2663-2187, Volume 6, Issue 13, August 2024

2 Dr. G. Meena Devi, Professor & Head, Department of Mathematics & English has published a patent titled, "Artificial Intelligence-Based Financial Management and E-Commerce Payment Management Methods"

3 Dr. S. RAMA from the Department of Physics has obtained a patent for the invention titled "NANOSCALE MODELING: SIMULATING QUANTUM AND CLASSICAL BEHAVIORS IN NANOSTRUCTURES," which was officially published on September 13, 2024.

4 Dr. N Punitha from the Department of Physics has authored a paper titled "Effect of Graphite Nanoadditives on the Behavior of a Diesel Engine Fueled with Pyrolysis Fuel Recovered from Used Plastics," which has been published in ACS Omega, 2024. The paper can be accessed at https://doi.org/10.1021/acsomega.4c03715.

5 Dr. B Subash from the Department of Chemistry has published a research article entitled "Facile synthesis of Co-doped In2O3 integrated with tubular g-C3N4 heterostructure and their synergistic effect on the enhanced photocatalytic degradation of tetracycline and oxygen evolution reaction" in the journal Colloids and Surfaces A: Physicochemical and Engineering Aspects (2024): 135340. The article is available at https://doi.org/10.1016/j.colsurfa.2024.135340.

6 Dr. M. Chamundeeswari from Department of biotechnology has acted as board of studies member in Dhanalakshmi srinivasan engineering college for pharmaceutical engineering department on 12/09/2024.

7 Dr.S.MEENA, Associate Professor from the department of EIE has attended AICTE recognized Faculty Development Programme on Deep Learning for Engineering Applications from September 02 to 06, 2024.

Staff Achievements

8 Dr.C.N.GNANAPRAKASAM, Associate Professor from the department of EIE has attended AICTE recognized Faculty Development Programme on Deep Learning for Engineering Applications from September 02 to 06, 2024.

9 Dr.R.KOTTEESWARAN, Associate Professor from the department of EIE has attended AICTE recognized Faculty Development Programme on Deep Learning for Engineering Applications from September 02 to 06, 2024.

10 Dr.V.VIJAYAN, Associate Professor from the department of EIE has attended AICTE recognized Faculty Development Programme on Deep Learning for Engineering Applications from September 02 to 06, 2024.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

MENTOR

Dr. V. KrishnaKumar
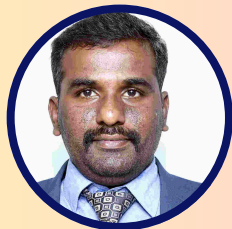
ASSOCIATE PROFESSOR

KAVIYARASU R S

MISPIN R

Department of EEE- Grand Received of Rs.7500 from TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY on the Project Title 'Design and development of hybrid multi level inverter for fuel energy conversion system utilized for EV applications'

Staff Achievements

Dr. T.V. Narmadha
PROFESSOR

Department of EEE- Grand Received of Rs.20,000 from TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY for Two days workshop on Popularization of Science and Technology in Recent Trends and Application

We are proud to announce that the Department of Electrical and Electronics Engineering (EEE) and Artificial Intelligence and Machine Learning (AML) has secured a grant of ₹20,000 for organizing a Two-Day Workshop on the Popularization of Science and Technology in Recent Trends and Application. This workshop is sponsored by the Tamil Nadu State Council for Science and Technology under the Popularization of Science Activities Scheme (2023-2024).

Dr. Lilly Raamesh
Professor / AML

Staff Achievements

"Ms. S Shanthini", Assistant Professor from the Department of Computer Science and Engineering, participated in a 5 days ICT Academy FDP on "Microsoft Power BI Data Analyst Associate" at SRM Institute of Science and Technology, Kattankulathur, Chennai from 9th September 2024 to 13th September 2024.

Student Achievements

Mr.N.Sivamanickam of III year Mechanical Engineering has published a patent titled Robotic surgical system with AI assisted navigation and precision control. Patent Application no: 202441064108
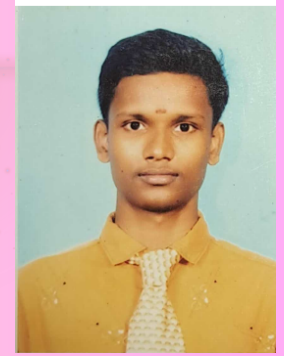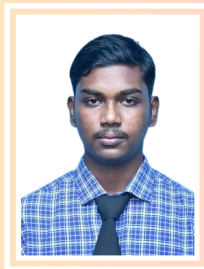
| SIBIRAJ B | RUPESH N | ARAVIND R | JASMINE J | ADIRAI D |

Got selected for Paid Internship of Rs. 10,000/- per month in

Evergggreen
Jataveda Pvt Ltd

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

HACK O' HOLICS 5.0
24 HOURS HACKATHON , 2024
3rd PRIZE WINNERS

PRIZE AMOUNT OF Rs. 10,000/-

Congratulations

TEAM MEMBERS
THUVAREKESH Y
III YEAR CSE C
THARANI P S
III YEAR CSE C
SARVESH PRAJAN P
III YEAR CSE C

TEAM NAME
NET-WORKERS

DOMAIN
SMART AUTOMATION

13th & 14th
SEPTEMBER,2024

We the department of Computer Science and Engineering are pleased to Share that our *III CSE students* won the "3rd prize" in the 24 hour hackathon *Hack I Holics,* which was organized by the CSE department , St Joseph's Institute of Technology in collaboration with CSI Kanchipuram, and received *Rs 10,000/-.*

PLACEMENT NEWS

PLACEMENTS
"Where Ambition Meets Achievement"
BATCH **2021-25**

CTC **Rs.8** LAKH PER ANNUM

Securin

ASMITHA M
DEPT OF CSE

PLACEMENTS
"YOUR PATH TO PROFESSIONAL EXCELLENCE"
2024-25

Infosys HWI
#HackWithInfy

Rs.9.5 LAKH PER ANNUM

AKILESH PURANDARADOSS
DEPT OF IT
BATCH : 2020-24

PRAVEEN N
DEPT OF ECE
BATCH : 2021-25

PLACEMENT NEWS

7 SESSIONS WITH 10 SPEAKERS

amazon aws

Our Institutions are always connected with **INDUSTRIES**

"INDUSTRIAL VISIT TO **AMAZON** DCI BENGALURU"

Cloud Clubs
St.Joseph's Group Of Institutions

36 Students + **4** Faculty

EXCLUSIVE

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aws

PARTYROCK COMPETITION WINNERS

aws Cloud Clubs
St.Joseph's Group Of Institutions

$650 WORTH PRIZES WON

PLACEMENT NEWS

mongoDB. ACADEMIC SUMMIT 2024

INSTITUTION AND EDUCATOR RECOGNITION

DISTINGUISHED MENTOR 2024

Dr. B. DIWAN
Dean - Placements

Sahir Azam

mongoDB. ACADEMIC SUMMIT 2024

INSTITUTION AND EDUCATOR RECOGNITION

DISTINGUISHED MENTOR 2024

Mr. I. MERIN SATHYA DHAS
Dean - Placements