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

**St. JOSEPH'S GROUP OF INSTITUTIONS**  
OMR, CHENNAI - 119



# DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

# NEWSLETTER June 2024

# DISCOVERING TOMORROW: THE ROLE OF AI & ML IN ACADEMIA

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*The Choice of*  
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# AML DEPARTMENT SHINES AT IIT MADRAS SHAASTRA TECHATHON: TWO TEAMS WIN AI/ML CHALLENGE!



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Rakshanaa R, Shruthi M, Tharukesh SD, and Yogesh G showcased remarkable expertise in AI and machine learning. Their collaborative efforts and innovative solutions led them to secure one of the top positions in the competition. Their achievement is a testament to their hard work, dedication, and the high standards of our department.

Maria Liz Mathew, Maneesh V, Nidhisha B, and Sasirekha M also excelled in the AI/ML Challenge, impressing the judges with their technical prowess and creative problem-solving abilities. Their success highlights the depth of talent in our department and the effectiveness of our training and mentorship programs of our staffs.

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# ACHIEVEMENTS



## INTERNSHIP

# INTERNSHIP

We are excited to announce that Mr. R. Gold Sharon, a second-year B.Tech student in Artificial Intelligence and Machine Learning at our institution, has been selected for an In-Plant training opportunity at ISRO Propulsion Complex, Mahendragiri, from June 24 to July 5, 2024. This internship will provide Mr. Sharon with practical experience in his field, supported by a confirmation letter from C. Nagarajan, Division Head of HRDD at ISRO Propulsion Complex, outlining logistical details and expectations.

This opportunity highlights Mr. Sharon's academic excellence and underscores our institution's commitment to enhancing practical skills and industry exposure for our students. We extend our best wishes to Mr. Sharon for a rewarding and insightful experience during his internship at ISRO Propulsion Complex.

We are thrilled to announce that Tharukesh S D, a talented second-year student from the Department of Artificial Intelligence and Machine Learning (AIML), has been selected for an internship opportunity at Zoho Corporation. This achievement highlights Tharukesh's exceptional academic capabilities and dedication to his field of study. Internships at Zoho Corporation are highly competitive and offer invaluable industry experience in the tech sector. Tharukesh's selection is a testament to his hard work, skills, and potential for future success in the field of AIML. we congratulate Tharukesh S D on this significant accomplishment. We are confident that his internship at Zoho Corporation will provide him with invaluable learning opportunities and help him further excel in his academic and professional journey.



THARUKESH SD  
AIML-B



GOLD SHARON R  
AIML-A

Sir,

Greetings from IPRC

Hereby it is informed that Mr. R. Gold Sharon Studying II Year B.Tech Artificial Intelligence and Machine Learning in your college is permitted to undergo In-Plant training at ISRO Propulsion Complex, Mahendragiri during the period from 24.06.2024 to 05.07.2024.

He shall obtain the entry permit from Office of PRO located near Main gate of IPRC on the day of joining for training and report office of HRDD at Director's Complex.

The student shall be informed that he is not entitled for conveyance and accommodation during the course of Training. However he may utilize IPRC canteen for Lunch on payment Details.

With Regards,

C. Nagarajan,  
Division Head,HRDD  
Management Systems Area  
ISRO Propulsion Complex  
Mahendragiri, 627133  
e-mail: [nagarajan.c@iprc.gov.in](mailto:nagarajan.c@iprc.gov.in)  
Mobile : 09442627914



Hi Tharukesh S D

Greetings from Zoho Corporation.

Congratulations!

Your profile has been shortlisted for the Internship process at Zoho.

Your Internship process will commence from 02-Jul-2024

Please make yourself available at our premises by 09.00 AM with a photocopy of this mail.

Venue:

Plot 140, 151, Estancia IT Park, Valluvar, Chengalpattu District, Tamilnadu, 603 202.

## INTERNSHIP

# CELEBRATING INTERNSHIP EXCELLENCE

This month, we're thrilled to celebrate the achievements of interns from various leading organizations in our community. A total of 68 talented individuals have dedicated their time and skills to contribute to groundbreaking projects and innovations across different industries.

These interns have been instrumental in driving forward initiatives ranging from AI and robotics to biotechnology and automotive engineering. Their hard work and fresh perspectives have made a significant impact, enriching our workplaces with new ideas and enthusiasm.

We commend these interns for their dedication and commitment to learning and growth during their internship tenure. Their contributions not only benefit their respective organizations but also pave the way for future generations of aspiring professionals in the field.

As we continue to nurture talent and foster innovation, we look forward to seeing the continued success and achievements of these bright minds.



**POSEIDON BIOTECH**  
we live... and grow with nature



**SINCERA**  
Accelerating Digital Transformation



# RESEACH CENTRE RECONGNITION

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING HAS BEEN RECOGNIZED AS A RESEARCH DEPARTMENT. THIS RECOGNITION IS VALID FOR A PERIOD OF THREE YEARS UPTO JUNE 2027. THE FACULTY MEMBERS OF THIS DEPARTMENT CAN NOW INTERACT WITH ANNA UNIVERSITY FOR COLLABORATIVE RESEARCH FOR THE PURPOSE OF PURSUING PH.D./M.S. (BY RESEARCH) PROGRAMME.

RECOGNIZED SUPERVISORS WORKING IN THE DEPARTMENT CAN GUIDE STUDENTS FOR PH.D./M.S. (BY RESEARCH) PROGRAMME IN THEIR FIELD OF SPECIALIZATION.



# CAREER GUIDANCE FOR FINAL YEAR STUDENTS

ZOHO IS KNOWN FOR ITS PRODUCT-BASED DEVELOPMENT, SO HAVING A STRONG FOUNDATION IN ALGORITHMS, DATA STRUCTURES, AND OBJECT-ORIENTED PROGRAMMING (OOP) IS CRUCIAL. FOCUSING ON BOTH TECHNICAL AND SOFT SKILLS, RESEARCHING THE COMPANY, AND PRACTICING YOUR INTERVIEW SKILLS, YOU CAN INCREASE YOUR CHANCES OF LANDING A PLACE AT ZOHO

RESEARCH PRESIDIO'S FOCUS AREAS LIKE CYBERSECURITY, CLOUD SOLUTIONS, OR NETWORK OPTIMIZATION AND HIGHLIGHT ANY RELEVANT SKILLS YOU POSSESS. PRACTICE ONLINE CODING CHALLENGES ON PLATFORMS LIKE HACKERRANK OR LEETCODE.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Organizes

CAREER GUIDANCE

**HOW TO TACKLE THE PRESIDIO PLACEMENT DRIVE**

<https://meet.google.com/hjr-htfz-esd>

11 JUNE, 2024 07.00 PM - 08.00PM

Mr. Meenakshi Sundaram P  
Software Architect  
PRESIDIO-USA  
2010-2014 Batch

FOR FINAL YEAR STUDENTS

St. Joseph's College of Engineering  
**YOU CHOOSE. WE DO IT**  
St. Joseph's Institute of Technology  
**WE MAKE YOU SHINE**

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Organizes

**Alumnis' Speak: Placement Preparation Tips & Tricks for ZOHO Drive**

<https://meet.google.com/xfs-ckve-jbx>

16 JUNE, 2024 11.00 AM - 12.30 PM

Mr. PRANESH J  
Member Technical Staff  
ZOHO Corp PVT Ltd  
2015-2019 Batch

FOR FINAL YEAR STUDENTS

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# ALUMNI TALK: OVERVIEW OF FULL STACK DEVELOPMENT AND CLOUD ESSENTIALS

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ON JUNE 15TH, THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING AT ST. JOSEPH'S COLLEGE OF ENGINEERING HOSTED AN ENLIGHTENING ALUMNI TALK ON FULL STACK DEVELOPMENT AND CLOUD ESSENTIALS. THE SESSION WAS TAILORED FOR FINAL-YEAR STUDENTS, AIMING TO BRIDGE THE GAP BETWEEN ACADEMIC CONCEPTS AND INDUSTRY PRACTICES.

MR. AROCKIA PRAVEEN J B, FOUNDER AND CEO OF PHOSPHERE AI, GRACED THE EVENT AS THE DISTINGUISHED SPEAKER. WITH HIS VAST EXPERIENCE IN THE TECH INDUSTRY, MR. PRAVEEN SHARED INVALUABLE INSIGHTS AND PRACTICAL KNOWLEDGE, ENRICHING THE PARTICIPANTS' UNDERSTANDING OF THE EVER-EVOLVING FIELDS OF FULL STACK DEVELOPMENT AND CLOUD COMPUTING.

THE TALK COVERED A RANGE OF TOPICS, FROM THE FUNDAMENTAL PRINCIPLES OF FULL STACK DEVELOPMENT TO THE LATEST TRENDS AND TOOLS IN CLOUD COMPUTING. MR. PRAVEEN'S ENGAGING PRESENTATION AND REAL-WORLD EXAMPLES PROVIDED STUDENTS WITH A COMPREHENSIVE UNDERSTANDING OF THESE CRITICAL AREAS. HE ALSO HIGHLIGHTED THE IMPORTANCE OF CONTINUOUS LEARNING AND STAYING UPDATED WITH TECHNOLOGICAL ADVANCEMENTS TO REMAIN COMPETITIVE IN THE JOB MARKET.

THE SESSION WAS INTERACTIVE, WITH STUDENTS ACTIVELY PARTICIPATING AND POSING INSIGHTFUL QUESTIONS. MR. PRAVEEN'S RESPONSES WERE NOT ONLY INFORMATIVE BUT ALSO INSPIRING, ENCOURAGING STUDENTS TO PURSUE EXCELLENCE IN THEIR CAREERS.

THIS EVENT WAS A SIGNIFICANT SUCCESS, OFFERING STUDENTS A UNIQUE OPPORTUNITY TO LEARN FROM AN INDUSTRY EXPERT AND ALUMNUS. IT REAFFIRMED ST. JOSEPH'S COMMITMENT TO PROVIDING QUALITY EDUCATION AND CAREER GUIDANCE TO ITS STUDENTS.

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# Skillrack Toppers



ASHWIN AK

967

III YEAR



GOLD SHARON R

690



EDWIN RAJA B

499



690

SRIHARI D



IV YEAR

623

NAMITHA G



435

RAJASRI T



# Mentor Development Programme by Bharatiya Yuva Shakti Trust



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The Mentor Development Programme by Bharatiya Yuva Shakti Trust (BYST) recently convened to empower rural entrepreneurs, known as "Grampreneurs," through comprehensive training aimed at nurturing a pool of 200,000 mentors. These mentors will guide 1 million Grampreneurs across 700 districts, with the ambitious goal of creating 50 million jobs in the next 5 years. The programme included sessions on business planning, financial management, market analysis, and effective mentorship strategies, facilitated by experienced mentors. BYST aims to foster a sustainable entrepreneurial ecosystem in rural India, leveraging mentorship to drive economic development and job creation. The initiative received enthusiastic participation, underscoring a collective commitment to empowering rural communities. Moving forward, BYST plans to scale this impactful programme nationwide, ensuring widespread economic empowerment through effective mentorship and entrepreneurial support.

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