



E- NEWS LETTER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ISSUE 1 | SEPTEMBER 2023 TO JANUARY 2024



ABOUT THE COLLEGE

- **St. Joseph's Institute of Technology** is a higher education institution in OMR, Chennai, India, established in the year 2011.
- Our College has **6 UG courses** (B.E. – CSE, ECE, EEE & Mech. Engg., B.Tech. IT & **B.Tech Artificial Intelligence and Data Science** is offered from the year 2021. MBA is offered from the year 2022.
- Our college is **affiliated to the Anna University and approved by AICTE**. The courses offered from the inception (B.E. – CSE, ECE & Mech. Engg. & B.Tech. IT) have been accredited by NBA in 2017 in the shortest span of 6 years since inception.
- Our college was granted **Autonomous status by UGC in 2022** which ascertains our quality.

ABOUT THE DEPARTMENT

- The department of **Artificial Intelligence and Data Science (ADS)** was established in the academic year 2022 with an intake of 60. With increasing demand for the course, the **intake increased to 180 in 2023**.
- This is a **4-year degree course** approved by AICTE, New Delhi affiliated to Anna University, Chennai.
- The Department has **experienced faculty members** state-of-the-art **infrastructure and equipment's/software's** with latest configurations.
- The **curriculum** includes core subjects and elective subjects based on **recent trends in Artificial Intelligence and Data Science**.

»»»OUR DEPARTMENT VISION

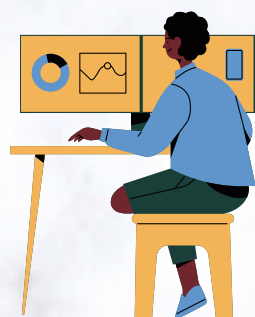
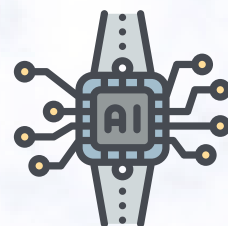
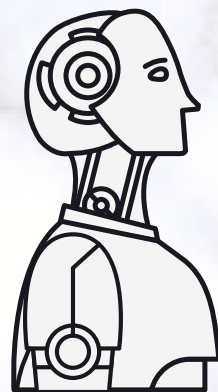
TO EMERGE AS A CENTRE OF EXCELLENCE IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND TO ACCOMPLISH EMINENCE TO HAVE GLOBAL RECOGNITION THROUGH EDUCATION, INNOVATION AND COLLABORATIVE RESEARCH IN THE REALM OF DATA SCIENCE

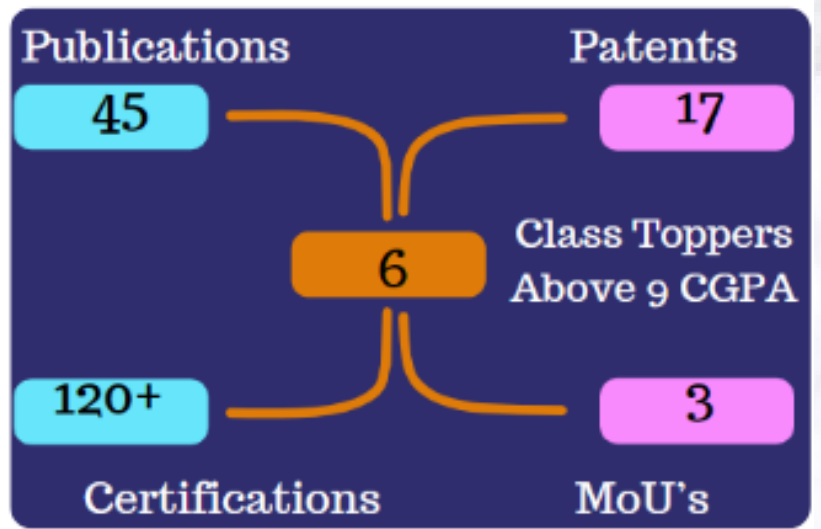
»»»OUR DEPARTMENT MISSION

- TO IMPART QUALITY VALUE-BASED TECHNICAL EDUCATION IN CUTTING EDGE ARTIFICIAL INTELLIGENCE TECHNOLOGIES THAT BRIDGE THE GAP BETWEEN ACADEMIA AND INDUSTRY
- TO PROMOTE RESEARCH, INNOVATION AND ENTREPRENEURIAL SKILLS WITH THE LATEST TECHNOLOGIES TO BE GLOBALLY COMPETITIVE PROFESSIONALS
- TO EQUIP ASPIRING STUDENTS WITH THE SKILLS TO PERFORM INTELLIGENT DATA ANALYSIS WHICH IN TURN PROVIDE DYNAMIC AND LUCRATIVE CAREERS IN THE FIELD OF TECHNOLOGY
- TO DEVELOP TECHNOCRATS WITH STRONG CORE CAPABILITIES IN ARTIFICIAL INTELLIGENCE BY PROVIDING GOOD INFRASTRUCTURE, RESOURCES, EFFECTIVE TEACHING LEARNING PROCESS AND COMPETENT WITH STATE-OF-THE-ART TECHNOLOGIES

»»»DEPARTMENT BEST PRACTICES

- OUTCOME BASED LEARNING
- CONTINUOUS MENTORING AND STUDENT PROJECT ASSESSMENT ORGANIZE CONFERENCES, WEBINARS, WORKSHOPS, STTP, EXPERT SESSIONS ON CUTTING EDGE TECHNOLOGIES.
- EXTRA TECHNICAL ACTIVITIES OTHER THAN CURRICULUM ARE ORGANIZED BY GOOGLE DEVELOPER STUDENT CLUB (GDSC) AND COMPUTER SOCIETY OF INDIA (CSI) CHAPTER FOR ALL ROUND DEVELOPMENT OF STUDENTS TO MAKE THEM INDUSTRY READY.
- FACULTY AND STUDENTS WORK ON RESEARCH PROJECTS FUNDED TO ENGAGE STUDENTS IN RESEARCH RELATED ACTIVITIES.
- SUBJECT WISE MINI PROJECT





DEPARTMENT ACTIVITIES



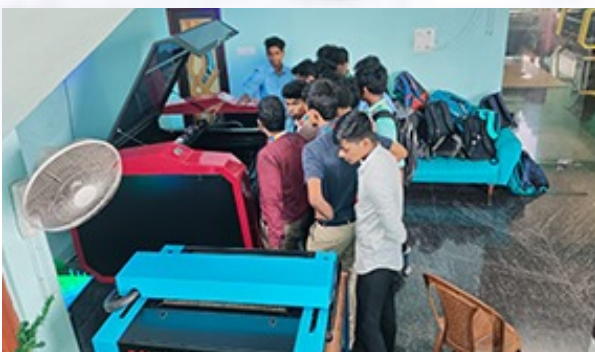
MOU SIGNED WITH HITKEY INFOSYS INDUSTRIAL EXPERTS TO PROVIDE TECHNICAL SUPPORTS AND SOLUTIONS TO THE STUDENT COMMUNITY.

MOU ACTIVITIES

AN MOU HAS BEEN ESTABLISHED WITH PHOENIX TECH IT SERVICES, DELINEATING AREAS OF COOPERATION, INCLUDING JOINT RESEARCH VENTURES, STUDENT INTERNSHIP PROGRAMS, FACULTY EXCHANGES, RESOURCE SHARING, AND OTHER MUTUALLY BENEFICIAL ACTIVITIES.



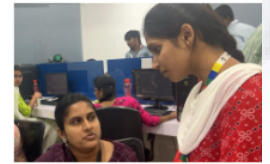
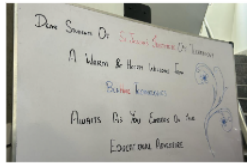
INDUSTRIAL VISITS



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»» INDUSTRIAL VISIT

THE STUDENTS IMMERSED THEMSELVES IN **BENHIVE TECHNOLOGIES**, GAINING EXPERTISE IN WEB AND MOBILE TECHNOLOGIES, INCLUDING JAVA/J2EE, HTML, ANGULAR, REACT, NODE, PYTHON, AWS CLOUD SERVICES, NATIVE SCRIPT, FLUTTER, SWIFT, AND KOTLIN.



»» STUDENT ACTIVITIES

DATA STRUCTURES CONCEPT ELUCIDATION



II YEAR ADS STUDENTS ARE ENGAGED IN **"DATA STRUCTURES CONCEPT ELUCIDATION,"** WHICH ENTAILS CLARIFYING AND EXPLAINING THE FUNDAMENTAL PRINCIPLES, THEORIES, AND APPLICATIONS ASSOCIATED WITH DATA STRUCTURES.



»» CLUB ACTIVITIES

THE STUDENTS ACTIVELY PARTICIPATED IN CLUB ACTIVITIES SUCH AS THE **CODING CLUB** AND WERE AWARDED PRIZES FOR THEIR ACHIEVEMENTS.

STUDENTS ACHIEVEMENTS



III YEAR ADS STUDENTS WON AND WERE AWARDED A CASH PRIZE OF RS. 30,000 IN SMART AGROTHON 2023, COIMBATORE.

S JEBIN BRIGHTSON AND K M HEMANTH II ADS STUDENTS WON SECOND PLACE IN SKILLATHON 2023, EVENT ORGANIZED BY HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE, CHENNAI.



ARDUINO BASED DROWSINESS AND FATIGUE DETECTION FOR BIKERS USING HELMET

K DINESH D GOWTHAM AND K GOKUL II YEAR-ADS STUDENTS WON THIRD PLACE IN PROJECT PRESENTATION EVENT ORGANIZED BY SAI RAM ENGINEERING COLLEGE, CHENNAI.

YADAV PRASAD G B AND RAGHUL D, STUDENTS OF II ADS, PARTICIPATED IN CODE CASCADE, A MICROSOFT LEARN STUDENT AMBASSADOR EVENT, AND SECURED THIRD PLACE AT ST. JOSEPH'S COLLEGE OF ENGINEERING.



PROFESSIONAL SOCIETY

THE COMPUTER SOCIETY OF INDIA (CSI) AIMS TO FACILITATE RESEARCH, KNOWLEDGE SHARING, LEARNING, AND CAREER ENHANCEMENT FOR THE ENTIRE STUDENT COMMUNITY.



STUDENTS ACHIEVEMENTS



TWO TEAMS FROM II YEAR ADS STUDENTS PARTICIPATED IN THE 2024 FIRST **NO CODE AI HACKATHON** ORGANIZED BY **AI VENTURE FACTORY**, WHICH TOOK PLACE ON FEBRUARY 15TH AND 16TH, 2024.



ADHITYAN S, AISHVARIYAA J, AND GOMATHI V FROM II ADS TOOK PART IN A NATIONAL-LEVEL TECHNICAL SYMPOSIUM IDEATION EVENT AND ACHIEVED THIRD PLACE ON FEBRUARY 21, 2024.



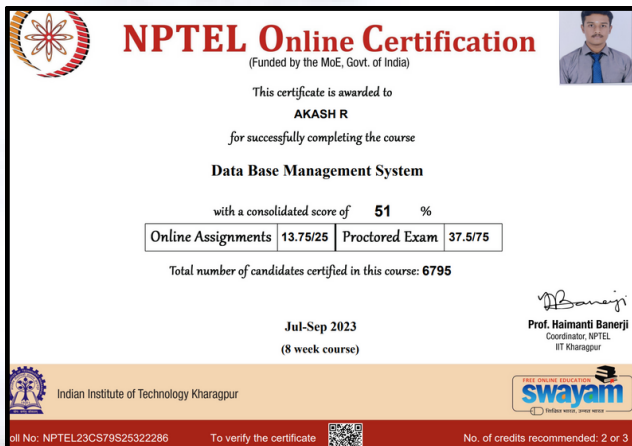
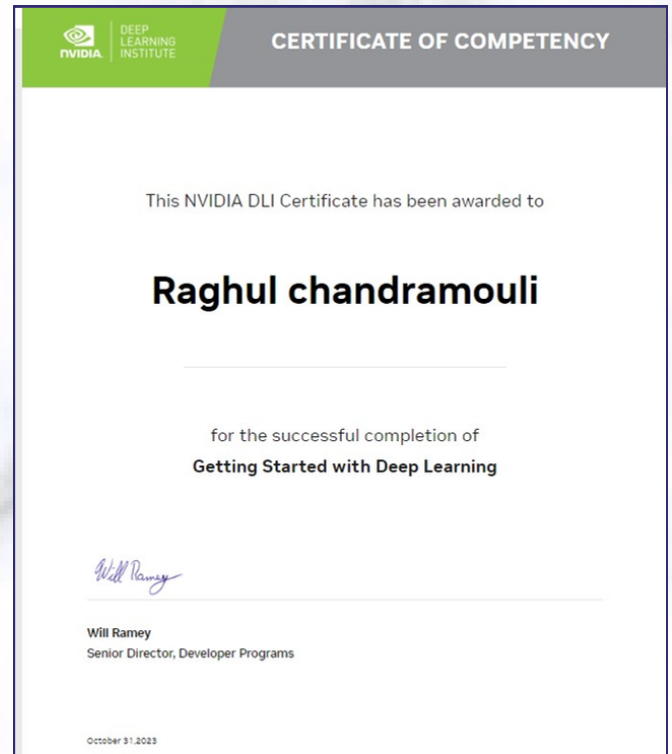
Marvel Quest

KRITHIK SRINIVAS K, LANKESH M, AND PRAVEEN S COMPETED IN THE MARVEL QUEST EVENT DURING DRESTEIN 2K23 AND SECURED SECOND PLACE. THE EVENT WAS ORGANIZED BY SAVEETHA ENGINEERING COLLEGE, CHENNAI ON 03.11.2023.

STUDENTS CERTIFICATIONS

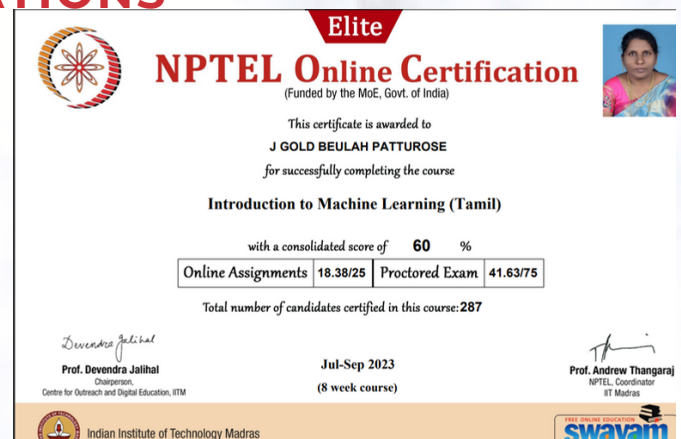
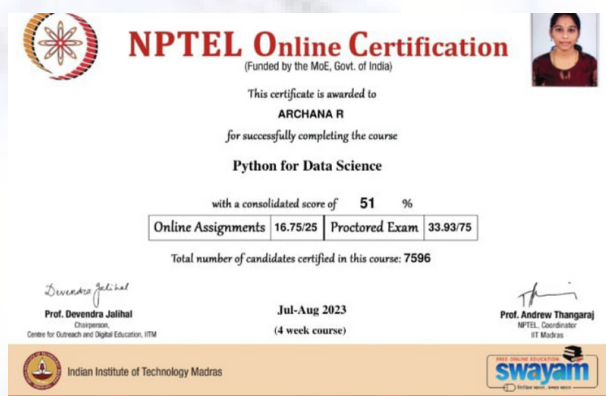


RAGHUL CHANDRAMOULI II YEAR-ADS STUDENT SELECTED AS A **DEEP LEARNING AMBASSADOR** TO SPEARHEAD THE ESTABLISHMENT OF A DEEP LEARNER COMMUNITY, COORDINATE EVENTS, AND HOST MEETUPS IDEALLY ON A MONTHLY BASIS.



THE STUDENTS ATTENDED **NPTEL CERTIFIED COURSES** IN DATABASE MANAGEMENT SYSTEMS AND **COURSERA CERTIFIED COURSES** IN PREPARE DATA FOR EXPLORATION.

STAFF NPTEL CERTIFICATIONS



➤➤➤ PAPER PRESENTATION



PAPER PRESENTED BY II ADS STUDENTS IN 2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN COMPUTING SCIENCES (RACS) 2023, PUNJAB.



I YEAR ADS STUDENT PRESENTED A PAPER AT THE 1ST INTERNATIONAL CONFERENCE ON ALGORITHMS IN ADVANCED AI (ICAAAI-2023) HELD FROM DECEMBER 22ND TO 24TH, 2023, IN BHIMAVARAM, INDIA.

➤➤➤ ABHS SEMINAR

- Motivates the students for getting admission to higher studies in India and abroad.
- The main objective is to enable the students to prepare for GRE, TOFEL, GMAT, IELTS, GATE, CAT, etc.
- Seminar on **“Unfolding Opportunity in Overseas Education”** by Mr. Naveen CEO, GOSTUDY.



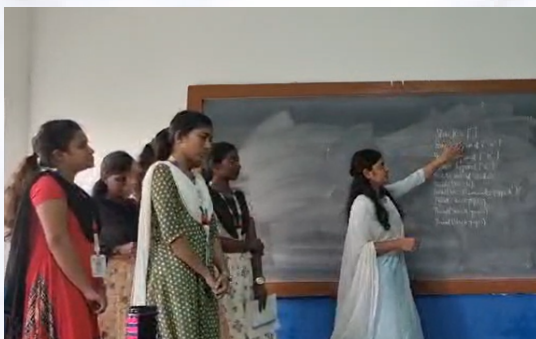
➤➤➤ CLUB ACTIVITY



PROMOTING STUDENT COLLABORATION ON **INNOVATIVE PROJECTS AND PROTOTYPES** BY PROVIDING RESOURCES, MENTORSHIP, AND SUPPORT TO HELP TEAMS BRING THEIR IDEAS TO FRUITION.

➤➤➤ SEERA

STUDENTS EMPLOYABILITY ENHANCEMENT RESEARCH ACTIVITIES



ENGAGING IN EMPLOYABILITY ENHANCEMENT RESEARCH ACTIVITIES AIMS TO BOLSTER STUDENTS' **SOFT SKILLS, COMMUNICATION ABILITIES, AND PROGRAMMING PROFICIENCIES**, FOSTERING THEIR INVOLVEMENT IN BOTH **EMPLOYMENT OPPORTUNITIES AND RESEARCH ENDEAVORS.**

»»» GUEST LECTURES



A GUEST LECTURE WAS DELIVERED TO THE STUDENTS ON THE TOPIC **"DATA SCIENCE"** ON SEPTEMBER 15, 2023.

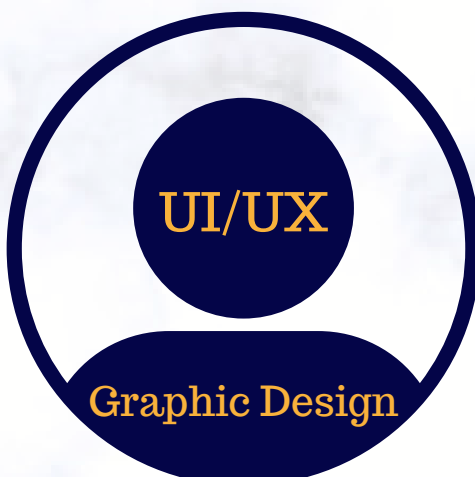
STUDENT WORKSHOP

THE WORKSHOP HELD BY MINDSPA TECHNOLOGIES ON **DATA SCIENCE AND MACHINE LEARNING** FOR SECOND-YEAR ADS STUDENTS ON OCTOBER 12TH AND 13TH, 2023, SERVES AS A PIVOTAL OPPORTUNITY FOR STUDENTS TO GAIN PRACTICAL INSIGHTS INTO EMERGING TECHNOLOGIES.



STUDENT CLUB ACTIVITIES

UI/UX CLUB



PROJECT INNOVATION CLUB



➤➤➤ STUDENT WORKSHOP



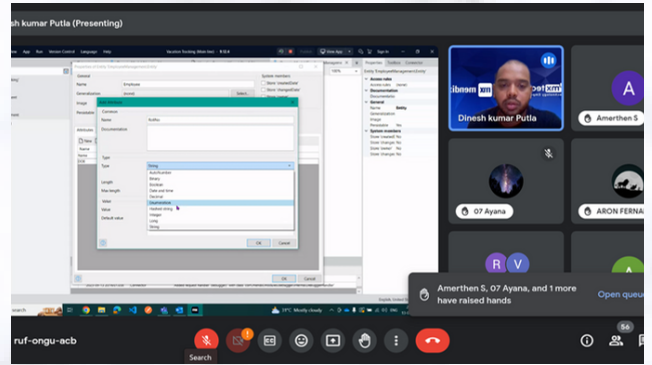
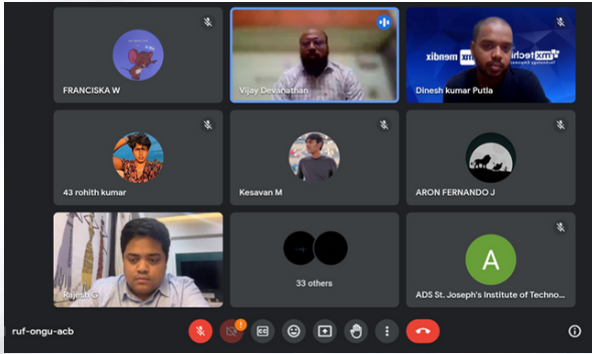
A TWO-DAY WORKSHOP ON **“ARTIFICIAL INTELLIGENCE AND DATA SCIENCE”** WAS ORGANIZED TO PROVIDE STUDENTS WITH PRACTICAL TRAINING AND KNOWLEDGE IN THE FIELD.

➤➤➤ FACULTY DEVELOPMENT PROGRAM ON UI/UX DESIGN



A FIVE-DAY FACULTY DEVELOPMENT PROGRAM (FDP) ON **“CCS370 UI/UX DESIGN”** WAS CONDUCTED, WITH PARTICIPATION FROM FACULTY MEMBERS FROM VARIOUS COLLEGES, INCLUDING OUR GROUP OF INSTITUTIONS. THE PROGRAM AIMED TO TRAIN PARTICIPANTS IN THIS NEW DOMAIN AND TOOK PLACE FROM NOVEMBER 14, 2023, TO NOVEMBER 18, 2023.

▶▶▶ ONLINE EVENT



DINESH KUMAR MENDIX EXPERT CERTIFIED PROFESSIONAL TRAINER, MENDIX TRAINING & CERTIFICATION PARTNER OF SIEMENS PRESENTED A TOPIC ON "LOW-CODE APPLICATION DEVELOPMENT SOLUTIONS WITH A FOCUS ON MENDIX DEVELOPMENT."

▶▶▶ SPECIAL TALK



PRAVEEN KUMAR
ASSOCIATE DIRECTOR
UI CORE ARCHITECTURE
LINKEDIN TOP VOICE 🚀 | DIRECTOR OF
ENGINEERING | YOUTUBER | FULLSTACK JAVASCRIPT
| CAREERS MENTOR | HACKATHON HUNTER |
REACTJS | SPEAKER | FULLSTACK JS | DEVREL | TOP
0.05% OVERALL IN STACK OVERFLOW



PRAVEEN KUMAR GAVE A SPECIAL PRESENTATION ON "TRENDING CAREERS IN TECHNOLOGY" AND "NAVIGATING THE BEST WAY USING ARTIFICIAL INTELLIGENCE" ON JANUARY 12, 2024.

ALUMNI INTERACTION & ONLINE MOCK INTERVIEW

ALUMNI INTERACTION & ONLINE MOCK INTERVIEW



Mr. Amalesh
Senior Analyst
Mouri Tech



Mr. Seetharaman Chandramouli
Senior Software Engineer
Freshworks



Mr. P. Praveen
Salesforce Developer
CTS



Mr. Shyam Sundar
Full Stack Developer
Zoho Corporation



Ms. Keerthi Pughalendhi
Packaged App Developer
Accenture



Mrs. Hemarekha K
Senior Test Engineer
HCL Technologies



Mrs. Freeda
Associate Software
Engineer
CTS Pvt. Ltd



Ms. Umayal CT
Associate Engineer
Mastech Infotrellis



Mr. Ponhariharan.A
Associate Service
Delivery Lead
Techsol Life Sciences

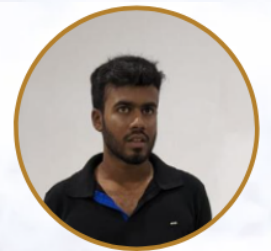


Ms. Niveditha M
Salesforce Developer
CTS



Yogesh Kumar G
Salesforce developer
Cognizant Technology
Solutions

ALUMNI TALK



Praveen P
Salesforce developer
Cognizant Technology
Solutions



Swetha Balasubramanian
Software developer
LTIMindtree



Pavithra K
Product specialist
freshworks

ALUMNI TALK WAS GIVEN TO THE STUDENTS TO PROVIDE INSIGHTS INTO CAREER PATHS AND EXPERIENCES AFTER GRADUATION.



Michael Roshan J
Latentview Analytics
Data analyst
Business intelligence
and Data Analysis



Mohamed Abdul Fazil
Kaar Technologies
Analyst - Developer

»»» DIGITAL ENTREPRENEUR



“Joshwa’s
Journey:
Bridging
Engineering an
Entrepreneurship



PASSIONATE ABOUT INNOVATION AND DRIVEN BY A VISION FOR TRANSFORMATIVE MARKETING, JOSHWA B II YEAR-ADS STUDENT HAS DEDICATED HIMSELF TO SHAPING BRANDS AND CREATING IMPACTFUL DIGITAL EXPERIENCES. AS THE FOUNDER OF "CLEARCRAFT," WHERE INNOVATION CONVERGES WITH IMPACT IN THE DIGITAL REALM, HE LEADS A DYNAMIC MARKETING AGENCY SPECIALIZING IN CRAFTING COMPELLING NARRATIVES, BUILDING POWERFUL BRANDS, AND ACHIEVING TRANSFORMATIVE RESULTS.

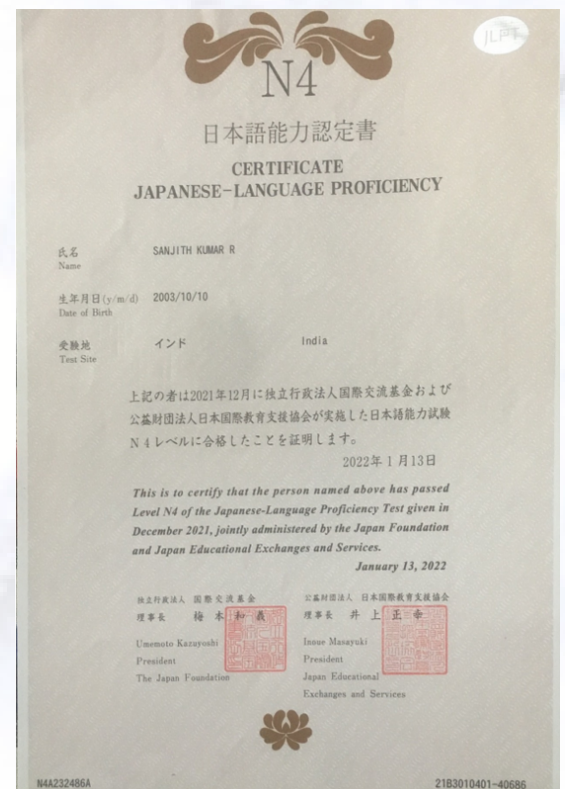
Website: <https://clear-craft.com>

»»» JAPANESE LANGUAGE CERTIFICATION



日本語

SANJIT KUMAR R OF III YEAR ADS STUDENT EARNED HIS “JAPANESE LANGUAGE PROFICIENCY CERTIFICATION” THROUGH PLACEMENT EMPOWERMENT PROGRAM CENTRES.



NGO ACTIVITIES



APARA OLD-AGE HOME THIRUVALLUR



KAKKUM KARANGAL PALAVAKKAM

AS PART OF A CHARITABLE ACTIVITY, STUDENTS VISITED AN NGO, INCLUDING AN ORPHANAGE AND AN ELDERLY CARE HOME, SPENDING A DAY WITH THE RESIDENTS. THEY PROVIDED FOOD AND STATIONARY ITEMS, ENGAGING THEM IN VARIOUS ENJOYABLE ACTIVITIES.



REWARD WINNERS CASH AWARD Rs.10,000 EACH



RAMYA S
312422243120
CGPA 9.42



RAMYA K
312422243119
CGPA 9.29



BHARATH A I
312422243024
CGPA 9.23



MOHANAPRIYA S
312422243102
CGPA 9.23



BALASUBRAMANIAN M
312422243022
CGPA 9.17



HARIHARAN K
312422243050
CGPA 9.15























»»» PLACEMENT TRAINING PROGRAMMES

PLACEMENT EMPOWERMENT PROGRAM

CENTRES

**21
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 Full Stack Web Development	 Artificial Intelligence and Machine Learning	 Data Science and Analytics	 Cloud Computing (AWS/Azure/Google)
 Embedded Systems and Internet of Things (IoT)	 Cyber Security	 CCNA & CompTIA Network + Academy	 Robotic Process Automation (UiPath)
 Blockchain Technology	 Web 3.0 and Metaverse	 5G Technology Innovation Centre	 Mobile Application Development (Android / iOS)
 Robotics and Industrial Automation	 CAD and 3D Printing	 Electric Vehicle Technology	 Salesforce
 VLSI Design	 UI / UX Design	 DevOps	 Quantum Computing
			 Japanese / Spanish Language

Leading & the Most Advanced Technologies

HOPE

House of
Program
Excellence
34 Students

PEP

Placement
Empowerment
Program
130 students

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