



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

We Make You Shine

(AN AUTONOMOUS INSTITUTION)

OMR, CHENNAI - 119



NEWSLETTER

APRIL 2024

ISSUE 4



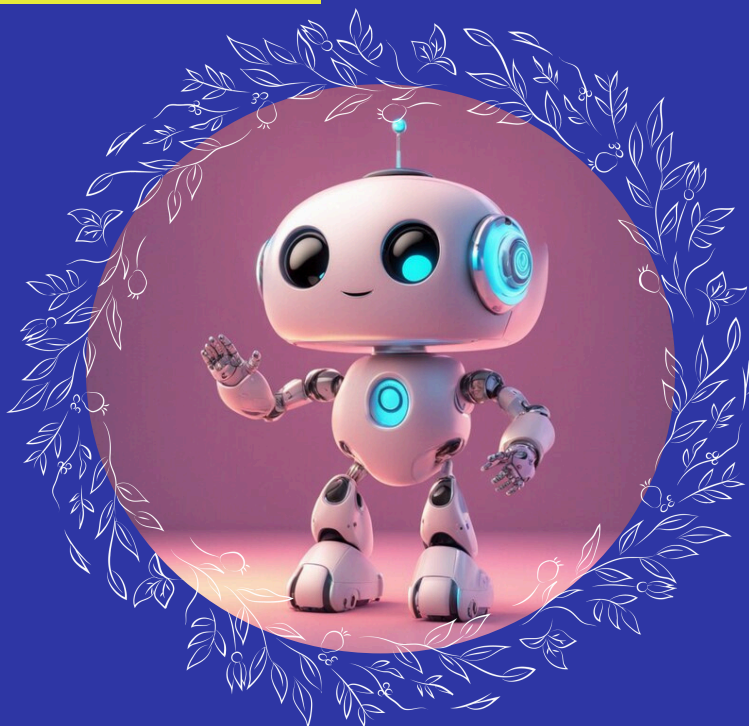
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



IMAGINE, INNOVATE, IGNITE WITH AI

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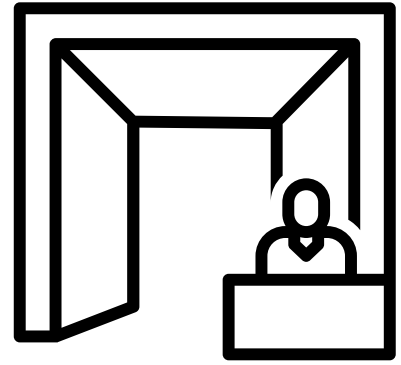


St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



The Choice of
Disciplined Toppers

PROJECT EXPO



On April 4, 2024 at St. Joseph's Institute of Technology (Av Hall), the project exhibition took place. Approximately eight teams from the ADS department were chosen out of 50 teams to participate in the event. The following teams participated in this event and displayed their amazing project's: TEAM BETAMIN C, TEAM MARVERICKS, PIXEL PIONEERS, BINARY SQUAD, ZEN CODER, PROGRAMMING PIRATES, GREEN GROVE, and SUSTAIN HUB.



INTRA-COLLEGE HACKATHON



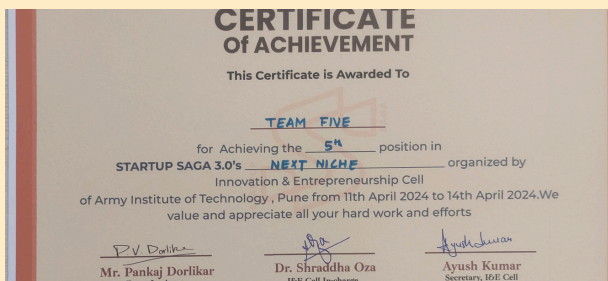
A 24-hour hackathon known as the Techchallenge 24 and Makeathon 24 was organized by the IT and EEE departments of St. Joseph's Institute of Technology and St. Joseph's College of Engineering on April 5 and 6. A total of 200 teams registered for the hackathon, and 80 of them were chosen to participate in 40 hardware and 40 software projects. Of those, 5 teams were chosen for software, 2 teams for hardware from ADS department, and Team Tech Dyno received a special price of ₹3000 voucher.



BUSINESS HACKATHON



OUR SECOND YEAR IN THE ARTIFICIAL INTELLIGENCE AND DATA SCIENCE DEPARTMENT, HAVE WON FIFTH PLACE AND TEN THOUSAND RUPEES IN THE STARTUP SAGA NEXT NICHE, WHICH WAS CONDUCTED BY THE ARMY INSTITUTE OF TECHNOLOGY PUNE. OUT OF 16000 TEAMS, STUDENTS PLACED FIFTH AND GOT PASSES FOR SHARK TANK, WHERE THE SMART CARE HELMET PRODUCT HAS RECEIVED OVER 2.7 LAKHS FROM TWO INVESTORS FOR THE DEVELOPMENT OF THE SMART CARE HELMET PROTOTYPE.



II YEAR
STUDENTS
ARTIFICIAL
INTELLIGENCE
AND
DATA
SCIENCE

Smart Care Helmet

designed by our students

has received funding of

Rs. 2.75 LAKH **SHARK TANK**
from 2 Investors in

Prize
Amount

Rs. 10,000/-

Selected from 16,000 teams @

STARTUP SAGA 3.0 NEXT NICHE
conducted by
ARMY INSTITUTE OF TECHNOLOGY PUNE

STUDENT ADVOCATE



Outdefine
Student
Advocate
Onboarded!

St. Joseph's Institute of Technology,
Chennai

EDITION I 2024 - 2025

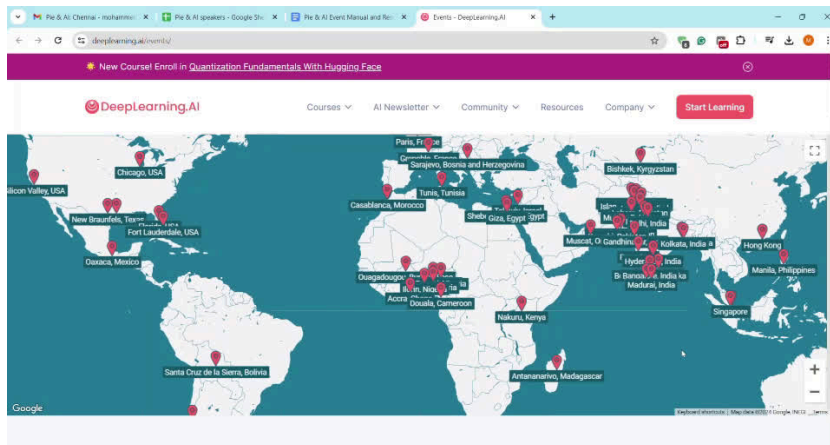
Velan R
Outdefine Student Advocate

Velan R, a second-year student from the ADS Department at St. Joseph's Institute of Technology, Chennai, has been welcomed aboard as a student advocate at Outdefine. Hailing from India, Velan is deeply passionate about web3 and AI, with previous experience in development, community engagement, content creation (both written and video), or advocacy proving advantageous.

In his role as an Outdefine Student Ambassador, Velan will enjoy the following opportunities:

- Engaging with the vibrant Outdefine Hive community, connecting with over 55,000 enthusiasts of Web3 and AI globally.
- Accessing exclusive resources and merchandise.
- Participating in innovative Hiring Networking Events tailored specifically for India.
- Earning DEFN Tokens while contributing to the advancement of Web3.
- Showcasing expertise at conferences and various events.

PIE & AI AMBASSADOR



THE PIE & AI COMMUNITY, AFFILIATED WITH DEEPLARNING.AI, THRIVES ON A SHARED PASSION FOR ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING. BRINGING TOGETHER ENTHUSIASTS, PROFESSIONALS, AND LEARNERS, THIS COMMUNITY FACILITATES DISCUSSIONS, WORKSHOPS, AND NETWORKING OPPORTUNITIES FOCUSED ON CUTTING-EDGE TECHNOLOGY.

MOHAMMED HABIB HAS BEEN HONORED AS THE 316th PIE & AI AMBASSADOR.

- **IN HIS ROLE AS AN EVENT AMBASSADOR, HE IS ENTRUSTED WITH THE FINANCIAL MANAGEMENT OF EVENTS.**
- **AMBASSADORS ARE RESPONSIBLE FOR INDEPENDENTLY ORGANIZING BOTH VIRTUAL AND IN-PERSON EVENTS AND ARE EXPECTED TO HOST MEETUPS FOR THEIR GROUPS AT LEAST ONCE EVERY QUARTER.**
- **WHEN SPONSORSHIP IS NECESSARY TO COVER EXPENSES, IT'S CRUCIAL TO THOROUGHLY EVALUATE POTENTIAL SPONSORS FOR THEIR SUITABILITY.**

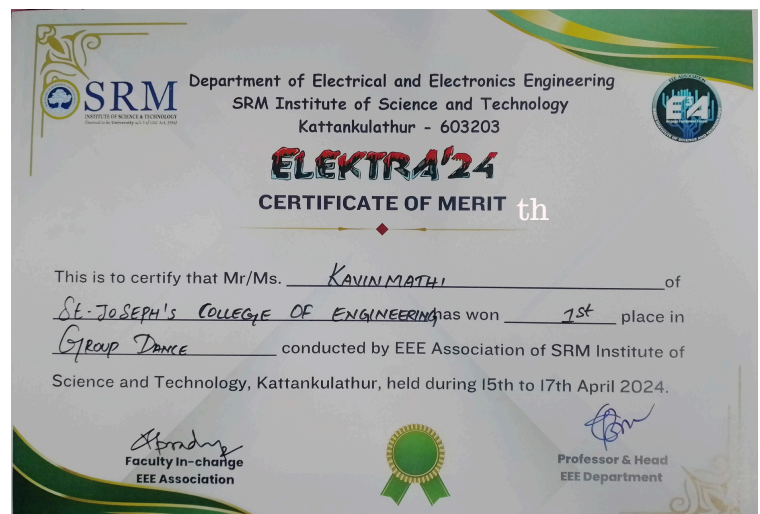
ACHIEVERS



TEJESWANI I, YUVASHREE M P, AND TARANI J, ALL SECOND-YEAR ADS STUDENTS, PARTICIPATED IN THE "AI TOOLS TECHNOZ" EVENT HOSTED BY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI, AND SECURED THE POSITION OF SECOND RUNNERS-UP.



KAVINMATHI, A SECOND-YEAR ADS STUDENT, TOOK PART IN THE GROUP DANCE COMPETITION AT ELEKTRA 24 ORGANIZED BY THE EEE ASSOCIATION OF SRM INSTITUTE OF TECHNOLOGY, KATTANKULATHUR, AND CLINCHED THE FIRST PLACE.

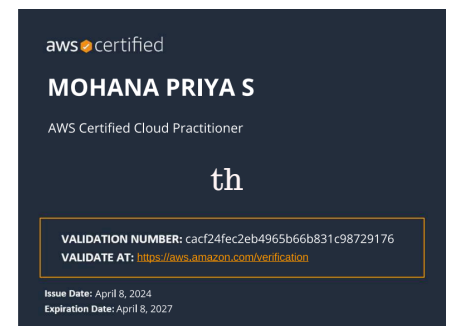
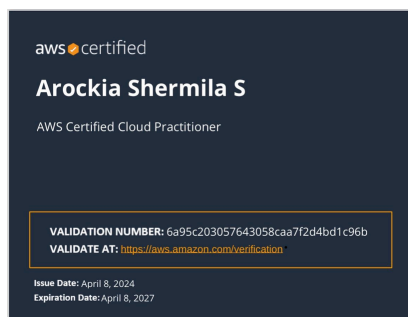


ACHIEVEMENTS

INTERNATIONAL CERTIFICATION



AROCKIA SHERMILA S, AND ABINAYA K HAVE SUCCESSFULLY PASSED THE AWS CLOUD PRACTITIONER EXAMINATION. THIS CERTIFICATION IS AN IMPORTANT MILESTONE AS IT VALIDATES A FOUNDATIONAL, HIGH-LEVEL UNDERSTANDING OF AWS CLOUD SERVICES, AND TERMINOLOGY. IT SERVES AS AN EXCELLENT STARTING POINT FOR INDIVIDUALS WHO ARE TRANSITIONING TO A CAREER IN THE CLOUD INDUSTRY WITHOUT PRIOR IT OR CLOUD EXPERIENCE.



CLASS TOPPERS



2nd
YEAR



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

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OMR, CHENNAI - 119



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**TOPPERS SECURED 8.5 CGPA AND ABOVE (UPTO 3RD SEM)
2022-2026 BATCH**



RAMYA S
9.36



BHARATH A I
9.27



RAMYA K
9.27



SANTHOSH I
9.16



HARIHARAN K
9.12



MOHANA PRIYA S
9.12



BALASUBRAMANIAN
8.97



KATHIRAVAN B
8.87



NITHEESHWARI S
8.85



TARANI J
8.85



SAHANA S
8.84



AARTHI M
8.81



MADHU SANKAR S
8.80



MAMATHI S
8.77



ANNSI E
8.76



DEEPIKA D
8.76



DEEPAN S B
8.73



ISHANI M
8.72



KEERTHIYA T
8.72



DELINA P
8.72



HARISH B
8.72



MALAR T
8.71



JOSHITHA R
8.69



HARINI T
8.69



YUVASHREE M P
8.68



DEVADHARSHINI K
8.68



KAVINMATHI V
8.67



LINGESH
8.67



DURGA P
8.67



NIZAM AASHIQ I
8.65



VETHIKA V
8.64



ARUN VIJAY A P
8.64



JENISHA
8.63



BAVIYA SHREE
8.61



ROHITHA R
8.6



ADITHYA S
8.56



HARSHINI K N
8.56



VIJITHA K J
8.55



PUJA L
8.53



DHARSHINI G
8.53



ABINA SRI K
8.51



GABRIEL ALWINS
8.51

CLASS TOPPERS



YEAR
3



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

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OMR, CHENNAI - 119



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**TOPPERS SECURED 8.5 CGPA AND ABOVE
(UPTO 5TH SEM)**

2021-2025 BATCH



NETHRIYA V
8.87



KIRUTHIKA P
8.85



SANJITH KUMAR R
8.85



ARON NAMBIKAI FERNANDO J
8.78



RITHIKA S
8.73



DHANESH C
8.64



SURAM DIVYA
8.61



PRADHIKSHA B
8.58



SURYA J
8.55



MONIKA A
8.53



LEO S
8.52



AMERTHEN S
8.50



NPTEL CERTIFICATION



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
GURUCHARAN RAJ K
for successfully completing the course

Python for Data Science

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	51.02/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course:11953



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Indian Institute of Technology Madras



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
ARAVINNTH S
for successfully completing the course

Python for Data Science

with a consolidated score of **67** %

Online Assignments	23.33/25	Proctored Exam	43.88/75
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Total number of candidates certified in this course:11953



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras



OVER 40 SECOND AND THIRD-YEAR STUDENTS PARTICIPATED IN THE EXAMINATION AND OBTAINED CERTIFICATES ACROSS VARIOUS COURSES SUCH AS PYTHON FOR DATA SCIENCE AND INTRODUCTION TO MACHINE LEARNING.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
HARIHARAN K
for successfully completing the course

Python for Data Science

with a consolidated score of **87** %

Online Assignments	25/25	Proctored Exam	61.99/75
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Total number of candidates certified in this course:11953



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Indian Institute of Technology Madras



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
DEEPAN S B
for successfully completing the course

Python for Data Science

with a consolidated score of **61** %

Online Assignments	25/25	Proctored Exam	35.97/75
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Total number of candidates certified in this course:11953



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Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
ARON NAMBIKAI FERNANDO J
for successfully completing the course

Python for Data Science

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	51.28/75
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Total number of candidates certified in this course:11953



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Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Indian Institute of Technology Madras



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
AMERTHEN S
for successfully completing the course

Python for Data Science

with a consolidated score of **71** %

Online Assignments	24.75/25	Proctored Exam	46.68/75
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Total number of candidates certified in this course:11953



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Indian Institute of Technology Madras



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
AMERTHEN S
for successfully completing the course

Python for Data Science

with a consolidated score of **71** %

Online Assignments	24.75/25	Proctored Exam	46.68/75
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Total number of candidates certified in this course:11953



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

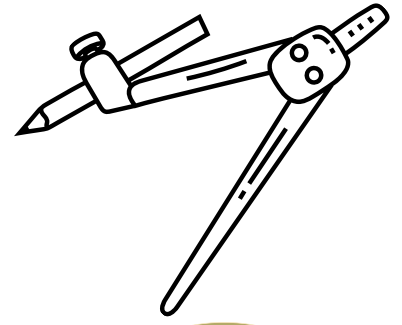
Jan-Feb 2024
(4 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras



TWO DAYS STUDENT WORKSHOP



Satishkumar Chennappan
Data Science Analyst
TCS

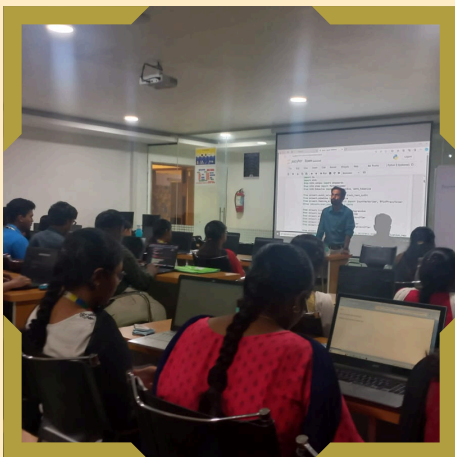


Sivaprasath Munsamy-
Data Scientist
Vista Convert Software Solutions



R Vignesh Prasad
Senior Tech Lead
EY - Assess

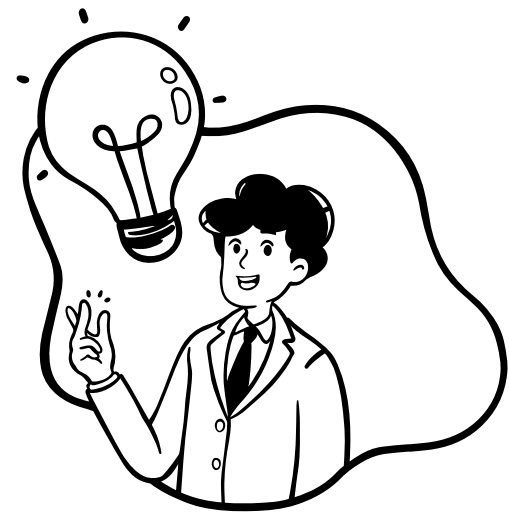
The two-day workshop in our ADS Department, held on the 02/04/2024 & 03/04/2024, was a comprehensive educational event. Students from the Department of Artificial Intelligence and Data Science had the opportunity to delve into advanced topics, thanks to the expertise of industry professionals. The sessions, which took place across various labs, covered a range of subjects from deep learning and natural language processing to UI/UX design and blockchain applications in AI. The collaborative nature of the workshop not only enhanced the students' theoretical knowledge but also provided them with practical insights into the evolving tech landscape.



ALUMINI TALK

TOPIC : CAREER PLANNING

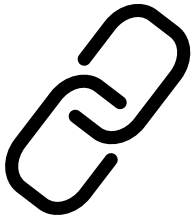
“CAMPUS TO CORPORATE”



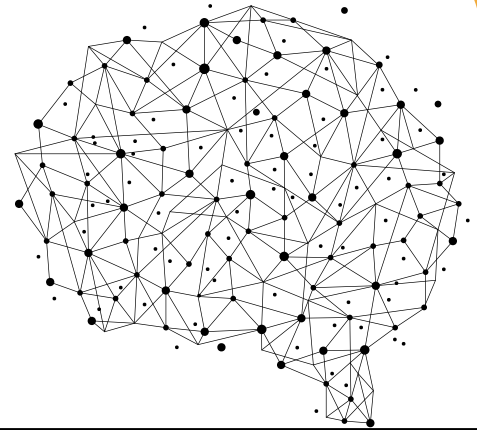
ON APRIL 1, 2024, AN ALUMNI TALK TOOK PLACE AT ST. JOSEPH'S INSTITUTE OF TECHNOLOGY IN CHENNAI. THE EVENT WAS ORGANIZED BY THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE. THE GUEST SPEAKER WAS DAKSHIN S, A PROGRAMMER ANALYST AT COGNIZANT TEC IN HIS ENGAGING SESSION, DAKSHIN ADDRESSED A ROOM FULL OF ATTENTIVE STUDENTS, SHARING VALUABLE INSIGHTS AND ADVICE ON CAREER PLANNING, WITH A SPECIFIC FOCUS ON TRANSITIONING FROM “CAMPUS TO CORPORATE.” HNOLOGY AND AN ALUMNUS OF THE INSTITUTION.



AN IMMERSIVE BEGINNER-FRIENDLY AI EXPLORATION EVENT



2ND YEAR STUDENTS

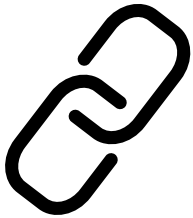


A  DeepLearning.AI community meetup hosted by **MOHAMMED HABIB**



There was an engaging, approachable AI exploration event that was organized especially for first-year students. Mohammed Habib served as the event's host and it was organized by the DeepLearning.AI community meetup. A variety of presenters gave fervent talks on deep learning and artificial intelligence while positioned behind podiums at this event. The crowd paid close attention, ready to take in the wisdom and insights these experts had to offer.

NGO



2ND YEAR STUDENTS



ON 06/04/2024, 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.

SEERA CLASSES



APRIL 03, 2024



APRIL 05, 2024



On April 5, 2024, the Department of Artificial Intelligence and Data Science at St. Joseph's Institute of Technology organized SEERA classes for II Year ADS students. These engaging sessions focused on enhancing aptitude-solving skills, covering topics such as average & percentage, speed & distance, sequences & series, calendar problems, and ratios. The collaborative atmosphere fostered active participation, making it a valuable learning experience for all.

SEERA CLASSES

APRIL 25, 2024



**SEERA
CLASS**

**HIGH PACKAGE
PLACEMENT**

II Year ADS

April 25, 2024

Quantitative aptitude: problem on finding time, speed, distance, ratio of speed, ratio of time taken, relative speed and average speed was discussed.

Programming based aptitude: Small programs with twisted logic was given to students to predict the output



TWO SEPARATE DOMAINS WAS SELECTED FOR TRAINING: NUMERICAL APTITUDE AND CODING APTITUDE.

IN NUMERICAL APTITUDE, BASIC FORMULAS AND LOGICS WAS EXPLAINED.

CONDUCTED THE PLACEMENT TRAINING PROGRAM IN PROBLEM-SOLVING USING C IS CONDUCTED, FOCUSING IN CODING PRACTICES, STUDENTS UPSKILLED THEIR SKILLS ON PROBLEM SOLVING EXERCISES IN C, AND FINDING SOLUTIONS OF CODE SNIPPET & DEBUGGING ERRORS

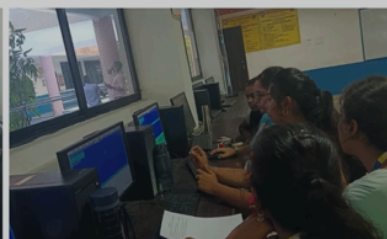
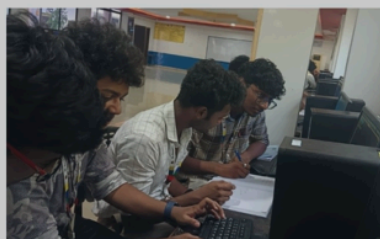
**SEERA
CLASS**

PLACEMENT

II Year ADS

April 25, 2024

C PROGRAMMING : problem-solving using C is conducted, focusing in coding practices, students upskilled their skills on problem solving exercises in c, covering finding solutions of code snippet & debugging errors, In addition aptitude exercises covering quantitative is discussed for preparing students for technical interview & industry



**SEERA
CLASS**

**COMMUNICATION
SKILLS**

II Year ADS

April 25, 2024

- How to be presentable for an interview
- How to introduce myself
- Students were made to stand on the dias and introduce them in interview point of view
- Group discussion introduction
- Tricks and tips to clear the GD round



A BRIEF EXPLANATION WAS GIVEN ABOUT HOW TO BE PRESENTABLE FOR AN INTERVIEW AND STUDENTS WERE MADE TO STAND ON THE DIAS AND INTRODUCE THEM IN INTERVIEW POINT OF VIEW.



PLACEMENT TRAINING



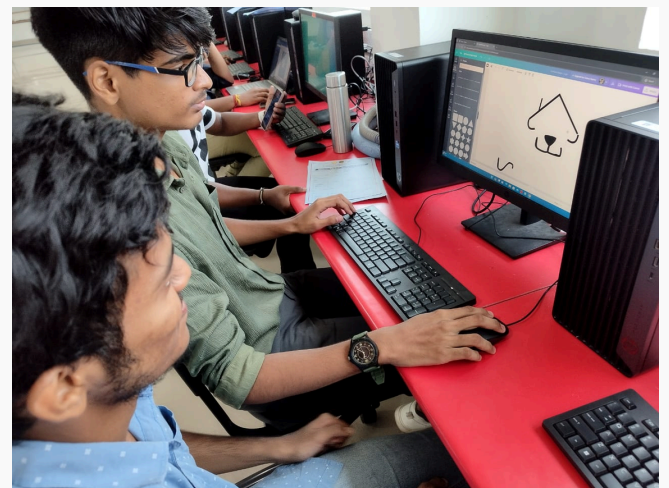
OUR SECOND-YEAR ADS STUDENT COMPLETED THE PLACEMENT TRAINING PROGRAM FROM APRIL 16, 2024, TO APRIL 25, 2024. WITHIN THIS PROGRAM, A METICULOUSLY DESIGNED JAVA TRAINING REGIMEN WAS IMPLEMENTED TO EQUIP PARTICIPANTS WITH THE INDISPENSABLE SKILLS AND KNOWLEDGE ESSENTIAL FOR THRIVING IN THE TECH INDUSTRY. ENCOMPASSING A SPECTRUM FROM FOUNDATIONAL CONCEPTS TO ADVANCED METHODOLOGIES, OUR PROGRAM GUARANTEES A COMPREHENSIVE GRASP AND PRACTICAL IMPLEMENTATION OF JAVA PROGRAMMING. THROUGH IMMERSIVE HANDS-ON PROJECTS, REAL-WORLD CASE STUDIES, AND EXPERT GUIDANCE, PARTICIPANTS ATTAIN PROFICIENCY IN JAVA DEVELOPMENT, THEREBY AUGMENTING THEIR EMPLOYABILITY AND PREPAREDNESS FOR LUCRATIVE CAREER PROSPECTS WITHIN THE CONTINUALLY EVOLVING IT SECTOR.



SUMMER INTERNSHIP PROGRAMME



THE SCHOOL EVENT PROVIDED A PLATFORM TO NURTURE INTEREST, AWARENESS, AND UNDERSTANDING AMONG 11TH AND 12TH-GRADE STUDENTS REGARDING THE DIVERSE DOMAINS OF AI AND CSE. THROUGH HANDS-ON EXPERIENCES IN FIELDS LIKE DIGITAL MARKETING, MOBILE APP DEVELOPMENT, GRAPHICS DESIGN, AND GAME DEVELOPMENT, IT AIMED TO EMPOWER THE UPCOMING GENERATION OF INNOVATORS AND PROBLEM-SOLVERS IN THE DYNAMIC REALMS OF ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE ENGINEERING.



INDUSTRY INTERACTION

THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE HAD THE PRIVILEGE OF HOSTING A DISTINGUISHED INDUSTRY INTERACTION SESSION 26/04/2024 ON THE AFOREMENTIONED DATE, FEATURING PROMINENT LEADERS FROM C1X, A PIONEERING ONLINE ADVERTISING TECHNOLOGY COMPANY. LED BY INDUSTRY VISIONARIES MUKUNDU KUMARAN, DAISUKE DAN NAGAYAMA, AND RAJKUMAR MADHURAM, C1X IS RECOGNIZED FOR ITS INNOVATIVE ENDEAVORS, INCLUDING THE DEVELOPMENT OF A "CLASS ONE EXCHANGE" FOR PREMIUM ADVERTISING.



C1X IS AN ONLINE ADVERTISING TECHNOLOGY COMPANY HEADQUARTERED IN SAN JOSE, US, WITH GLOBAL OFFICES POWERED BY LANGUAGES, DATA STORAGE, ANALYTICS, AND FRONT-END EXPERTISE THE COMPANY SPECIALIZES IN VARIOUS DOMAINS, INCLUDING MOBILE ANALYTICS, CLOUD STORAGE, SOCIAL FEEDS, DATA INTEGRATIONS, AND DIGITAL ADVERTISING.



FACULTY ACHIEVEMENTS



MRS. CHITRA P WAS GRANTED THE NPTEL ONLINE CERTIFICATION FOR FINISHING THE CLOUD COMPUTING AND DISTRIBUTED SYSTEMS THE COURSE RAN FROM JANUARY TO MARCH 2024 FOR EIGHT WEEKS.

MRS. M REVATHI FINISHED THE "INTRODUCTION TO MACHINE LEARNING" COURSE EARNING HER AN NPTEL ELITE ONLINE CERTIFICATION. THE COURSE RAN FROM JANUARY TO MARCH 2024 FOR EIGHT WEEKS



MRS. S. ANSLAM SIBI SERVED AS A JUDGE AT THE INNOVATE EXPO ORGANIZED BY THE DEPARTMENT OF CSE, IT, AND ADS, IN COLLABORATION WITH THE COMPUTER SOCIETY OF INDIA, ON APRIL 24, 2024.



DR.KIRUBAKARAN FINISHED THE "SYSTEMS AND USABLE SECURITY" COURSE EARNING AN NPTEL ELITE ONLINE CERTIFICATION. THE COURSE RAN FROM JANUARY TO FEBRUARY 2024 FOR FOUR WEEKS.

