



ACADEMIC REPORT

(A.Y. 2024-25)

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1. Department's Vision and Mission

Vision:

"To educate and develop capable professionals in Artificial Intelligence and Data Science who can effectively solve real-world problems and contribute to the betterment of society."

Mission:

1. Skill Development and Lifelong Learning

To provide a strong academic foundation and practical skills through modern infrastructure, fostering continuous learning and industry readiness in AI and Data Science.

2. Research and Innovation with Entrepreneurship

To promote research, critical thinking, and innovation, nurturing an entrepreneurial mindset through collaboration with academia and industry.

3. Ethics, Responsibility, and Sustainability

To embed ethical values, social responsibility, and environmental awareness for the sustainable application of AI and Data Science to real-world problems.



Program Educational Objectives (PEOs)

PEO 1: Career Growth and Lifelong Learning

Graduates will build strong careers in AI and Data Science and keep learning as technology evolves.

PEO 2: Research, Innovation, and Entrepreneurship

Graduates will apply research and critical thinking to solve real-world problems and explore entrepreneurial paths.

PEO 3: Ethical Leadership and Sustainable Impact

Graduates will act ethically and contribute to society and sustainability through the responsible and impactful use of AI and data-driven solutions..

Program Specific Outcomes (PSOs)

PSO 1: Core and Interdisciplinary Knowledge

Apply knowledge of mathematics, science, soft skills, and engineering fundamentals to solve complex problems.

PSO 2: AI & DS Applications, Tools, and Research

Design intelligent, data-driven solutions using AI and Data Science techniques, conduct applied research, and utilize modern tools and platforms effectively..

PSO 3: Ethics, Responsibility, and Societal Impact

Recognize and address the ethical, legal, and societal implications of AI systems through responsible and sustainable application of knowledge.



About the Department

- Started in the year 2021 with undergraduate program affiliated with University of Mumbai.
- Intake: B. Tech: 60
- Fully air-conditioned classrooms with Smart Boards
- Laboratories equipped with advance software and hardware
- Provide all kinds of support to develop application with advanced technologies.

Courses offered

- B.Tech in Artificial Intelligence (AI) and Data Science
- Honors in Computational Biology



2. ADMINISTRATION

DJS NSDC & INFORMATRIX Committee

Prof. Sudhir Dhekane

Prof. Monali Deshmukh

Project Committee

Prof. Sudhir Dhekane

Prof. Monali Deshmukh

Academic Report

Prof. Dashrath Kale

Departmental Library Committee

Prof. Deepali Patil

Maintenance Audit Committee

Sanjana Walekar and Madhvi Gawankar

Program Assessment Committee

Dr. Mrunal Rane, Prof. Deepali Patil, Prof. Sudhir Dhekane



Time-Table Committee

Prof. Nikita Raichada and Prof. Shruti Dodani

Cultural Committee

Prof. Nikita Raichada

Placement Committee

Prof. Nikita Raichada

SAP Attendance

Prof. Nikita Raichada

Internship Committee

Prof. Nikita Raichada

Sports Committee

Prof. Sudhir Dhekane

Alumni coordinator

Prof. Deepali Patil

Lab Incharge

Sanjana Walekar
and Madhavi
gawankar

Class Teacher

Prof. Sudhir Dhekane
Prof. Dashrath Kale
Prof. Nikita Raichada



3. FACULTY CONTRIBUTION

3.1 Faculty Publications: National / International Conference / Journal

Sr. No.	Name	Journal / Conference	National / International	Title	Publication	Date
1	Dr. Narendra Shekokar	Conference	International	Doc Vault - A Blockchain and Lattice-Cryptography Based Secure Document Storage Platform	IEEE Explore	Dec 2024
2	Dr. Narendra Shekokar	Conference	International	Analysis of Deep Learning Models for Disease Diagnosis in Laryngoscopic NBI Images	IEEE Explore	Jan 2025
3	Dr. Narendra Shekokar	Conference	International	Multi-Modal Graph Neural Networks with Temporal-Spatial Attention for Advanced Fake News Detection		
4	Shruti Dodani	Conference	International	Detection of Diabetic Retinopathy Using Deep Learning Techniques	IEEE Transaction	Oct 2024
5	Shruti Dodani	Conference	International	Deep learning techniques to identify and grade diabetic retinopathy through fundus images	AIP Conference Proceedings	Sept 2024
6	Sudhir Dhekane	Journal	International	Scope in Enhancement of Brain Computer Interface by EEG Data Classification to Test Major Depressive Disorder Stages (MDDS)		Jan 2025
7	Deepali Patil, Pratik Kanani	Journal	International	Enhancing Pediatric Pneumonia Detection and Classification Using Customized CNNs and Transfer Learning Based Ensemble Models	Asian Research Innovation	Nov 2024

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8	Deepali Patil, Pratik Kanani	Journal	International	Comprehensive Analysis of Machine Learning and Deep Learning Models for Prompt Injection Classification using Natural Language Processing techniques	Asian Research Innovation	Feb 2025
9	Deepali Patil, Pratik Kanani	Journal	International	Assessing AODV Protocol Suitability for Collision Avoidance Systems	Elsevier	Jan 2025
10	Sudhir Dhekane	Journal		Applied Machine Learning in EEG data Classification to Classify Major Depressive Disorder by Critical Channels		May 2025

3.2 Interaction of Faculty with Outside World

Sr.No	Name	Activity
1	NIL	NIL

3.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk organized

Sr. No.	Name	STTP / Workshop / Seminar Details
1	Nikita mam	Power BI workshop for Second year students

3.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk attended

Sr. No.	Name	Activities
1	Sudhir Dhekane	1.International Faculty Development Program on Machine Learning and Artificial Intelligence International Faculty Development Program on GenAi &

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		Prompt Engineering using Microsoft Co-Pilot 2. ATAL FDP on Next-Gen Computing in India: Paving the Way for a Digital Future. 3. ISTE Approved 1 week STTP on Next Generation Communication & Cyber Security
2	Deepali patil	NPTEL-Deep Learning NPTEL star achievement "Atal FDP - Next-Gen Computing in India: Paving the Way for a Digital Future" Research and Innovation Trends in Large Language Models "AICTE Approved Atal FDP on Leveraging Artificial Intelligence for Climate and Sustainability Models " "ISTE approved Self-Financing Faculty Development Program on "Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology" held during "ISTE STTP on devops and Ai tools
3	Dashrath Kale	Course authorized by Google Cloud and offered through Coursera "Introduction to Large Language Models" International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot STTP on Java Full Stack with React JS and AI ATAL FDP on Next-Gen Computing in India: Paving the Way for a Digital Future. ISTE Approved Short Term Training Program (STTP) on "From Draft to Publication: Essential Steps in Research Article Writing" "one week ISTE approved Faculty Development Program on "Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology" Nptel Course On "Computational Genomics" Commonwealth Education Trust "Foundations of Teaching for Learning: Curriculum" "Commonwealth Education Trust" "Foundations of Teaching for Learning: Introduction to Student Assessment" "" University of London "Understanding Research Methods" Yale university "The Science of Well-Being".
	Nikita Raichada	NPTEL COURSE- Introduction to OS "Atal FDP - Next-Gen Computing in India: Paving the Way for a Digital Future"

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		"AICTE Approved Atal FDP on Research and Innovation Trends in Large Language Models " "AICTE Approved Atal FDP on Leveraging Artificial Intelligence for Climate and Sustainability Models " "ISTE approved Self-Financing Faculty Development Program on "Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology" held during " Course authorized by erasmus university Rotterdam and offered through Coursera " Assesment in Higher Education " Course authorized by University of London and offered through Coursera " Understanding Research Methods " Course authorized by University of Hong Kong and offered through Coursera " University Teaching " Course authorized by IBM and offered through Coursera " People and soft skill Assesment" "ISTE approved Self-Financing Faculty Development Program on "Generative AI: Use Cases in Various Businesses" "
	Monali Deshmukh	Explainable AI with Python Programming (ATAL) Academy Faculty Development Program on Research and Innovation Trends in Large Language Models ATAL FDP Leverging artificial Intelligence for climate and sustainability Cyber security AI and Quantum Revolution :Emerging Frontiers in Technology NPTEL online Certification Data Mining



4. STUDENTS' ACHIEVEMENTS (DK)

Sr. No.	Name	Achievements
1.	Mahek shah	IAAC
2.	Yashvi Gogri	Myntra Hackerramp WeForShe 2024
3.	Vivek Vasani	Opsimius
4.	Janhvi M. Gandhi	International Astronomy and Astrophysics Competition
5.	Vivek Vasani	Flipkart Grid 6.0
6.	AAYUSHI PANCHAL	Hackathon
7.	Vir Kothari	Google Summer of Code
8.	YASH BUDDHADEV, HARSH CHITALIYA, VATSAL KOTHA, AKSHANSH DWIVEDI	HumanAlze <Fintech Edition> Hackathon
9.	Trisha Girish Poojary	ML Bootcamp
10.	Swarnim Bane	Codeverse2.0 Hackathon
11.	Reeva Jain	Think4Good
12.	Alan George	Crackathon
13.	Rohit Parmar	Breach Bytes 2.0
14.	Rohit Parmar	VCET Hackathon ' 24
15.	Vivek Vasani	Ideathon 1.0
16.	Dnyanesh Sawant	Crackathon 2024
17.	Rishabh Makwana	Think4Good
18.	Aaron Mendonca	Breach Bytes
19.	Sakshi Patel	HACKATHON code the cosmos
20.	Naman Rathod	Breach Bytes
21.	Arya Gawde	HACKATHON code the cosmos
22.	Nikki Mehta	VCET hackathon
23.	Nikki Mehta	Herspark Ideathon
24.	Anushri Venkitaramanan	Herspark Ideathon
25.	Chaitanya Shah	Design Thinking Seminar
26.	Srijan Upadhyay	Flipkart Grid
27.	Atharva Nagarsekar	S4DS-DataHack
28.	Darshan Dihora	Datahack 3.0
29.	Arya Vaidya	Herspark Ideathon TCET



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30.	Srijan Upadhyay	Pixel Paranoia
31.	Harsh Chitaliya	Vcet Ideathon 1.0
32.	Yash Buddhadev, Harsh Chitaliya, Vinti Bhatia, Deep Jain	VCET MMS IDEATHON 1.0
33.	Harsh Chitaliya	Vcet Ideathon 1.0
34.	Deep Jain	VCET Ideathon 1.0
35.	Deep Jain	DJS Infomatrix Think4Good
36.	Deep Jain	DJCSI Pixel Paranoia
37.	Dnyanesh Sawant	Code Hunt 2024
38.	Kalash Jain	Responsible Innovation Challenge Ideathon by Simppl and Mozilla
39.	Tarun Rajeev Rajauria	Mozilla Ideathon
40.	Harsh Ashok Sangani	Responsible Innovation Challenge
41.	Abhijeet Sapar	Responsible Innovation Challenge
42.	Virita Khanna	Code Summit - National Level Coding Competition
43.	Sameer Gupta	Smart India Hackathon
44.	Vinti Bhatia	Smart India Hackathon (SIH) 2024
45.	Harsh Chitaliya	SIH 2024
46.	Janhvi M. Gandhi	ICAAIMLS Conference
47.	VIVEK VASANI	AAVISHKAR
48.	Kalash Hemantkumar Jain	Mozilla and Simppl Responsible Innovation Challenge, demonstrating innovative and impactful solutions in the field of responsible technology.
49.	Sameer Gupta	Smart India Hackathon 2024
50.	Vinti Bhatia	Smart India Hackathon Software Edition
51.	Parth Gala	SIH 2024
52.	Yash Buddhadev	UI/UX HACKATHON
53.	VIVEK VASANI	CodeCraft
54.	Abhijeet Sapar	Knowcode 2.0 Hackathon
55.	Harsh Sangani	KnowCode 2.0 Hackathon
56.	Kalash Hemantkumar Jain	Knowcode 2.0 36 hours Hackathon organised by K J Somaiya Institute of Technology
57.	Nikki Mehta	IDPT box cricket girls
58.	Vivek Vasani	CodeCraft
59.	TANISHA KOTHARI	Pixel Desginathon
60.	Siya Rozani	Code Chaos
61.	Siya Adil Rozani	Bug Busters
62.	Parth Gala	L.O.C 7.0
63.	Parth Gala	VES-HACK-IT
64.	Parth Karia	Synergy hackathon

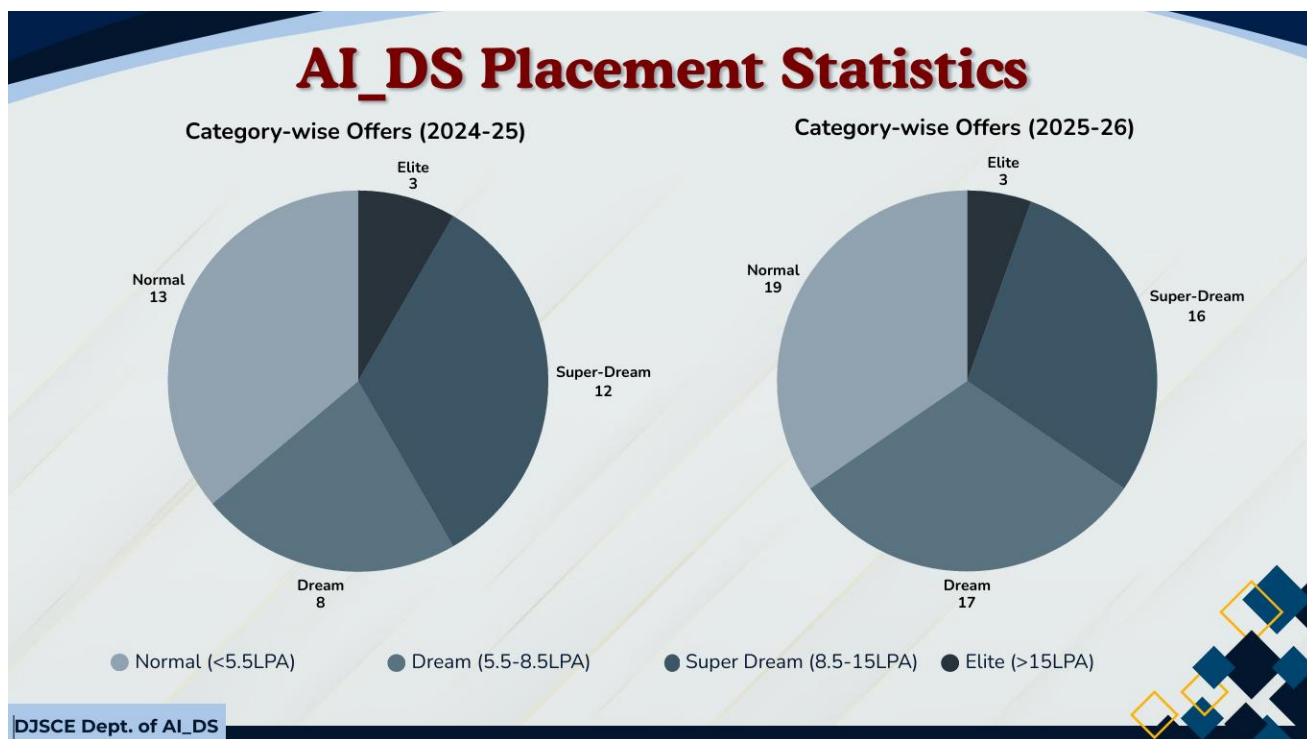


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65.	Sameer Gupta, Parth Gala, Yash Buddhadev	Lines Of Code (LOC) 7.0
66.	Sameer Gupta, Yash Buddhadev, Parth Gala, Akshansh Dwivedi	VES-HACK-IT
67.	Aditi Ambasta	PSB's Idea Hackathon by Union Bank
68.	Shreya Singh	Idea hackathon
69.	Vivek Vasani	Code Warz
70.	Varun Gupta	HackForge
71.	Darshan Dihora	Finnoverse'25 - Fintech Buildathon organised by Atharva College of Engineering
72.	Darshan Dihora	Bitathon - Data Analysis and Mining Championship organised by Goa Institute of Management
73.	Darshan Dihora	Level Up - 24 hour hackathon



5. PLACEMENT



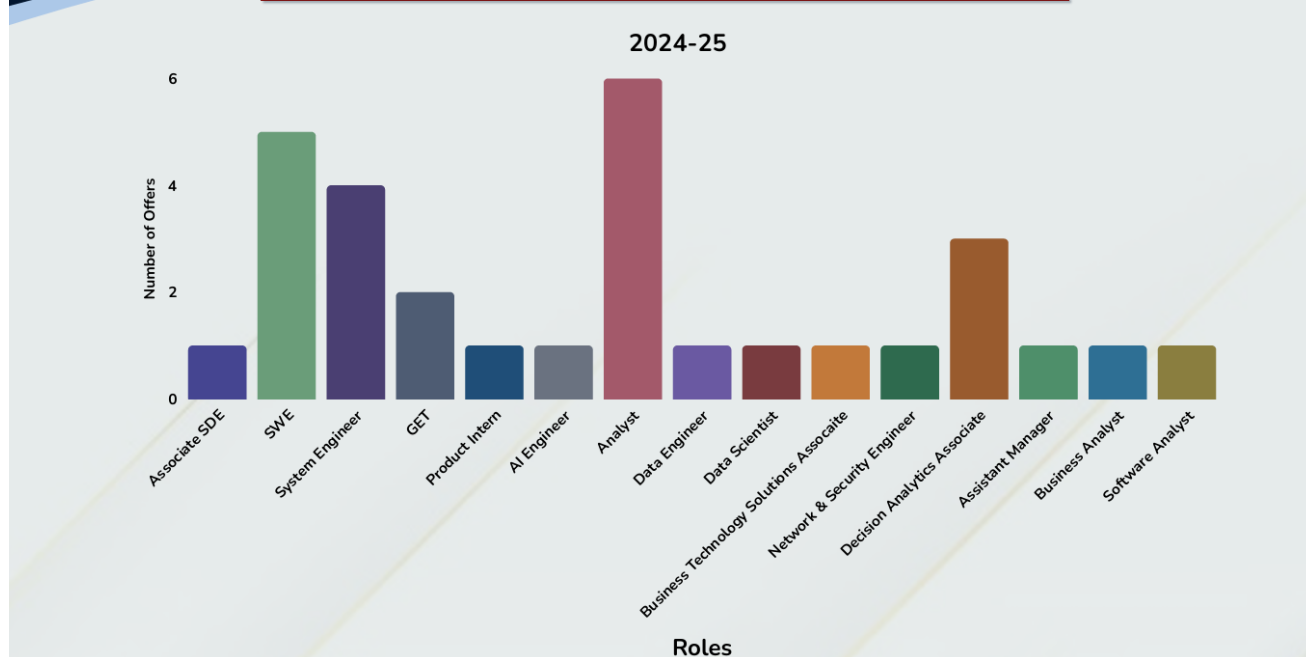


AI_DS Placement Statistics



DJSCE Dept. of AI_DS

Role-wise distribution of Placement Offers





Top Placements

2024 - 2025



Bhargavi Vaidya
BrowserStack | 20 LPA
(2024-25)



Riya Surya
Apollo | 19 LPA
(2024-25)



Alan George
Edelweiss | 18 LPA
(2024-25)

2025 - 2026



Aaron Mendonca
Apollo | 19 LPA
(2025-26)



Dnyanesh Sawant
ion Group | 17.3 LPA
(2025-26)



Sameer Gupta
ion Group | 17.3 LPA
(2025-26)