DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

DEPARTMENTAL ACTIVITIES & ACHIEVEMENTS REPORT Academic Year (June 2023-May 2024)

Mrs. Kanchan Dabre   **Dr. Kriti Srivastava**
   (Prepared By)   **(Head, CSE -DS)**

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VISION

To nurture and develop skilled professionals in the field of Computer Science and Engineering with the focus on Data Science to enable data driven problem solving in all walks of life.

MISSION

1) To strive for academic excellence by inculcating a lifelong learning culture in the field of Computer Science and Engineering.

2) To prepare skilled engineers, trained in modern tools and techniques of Data Science.

3) To nurture responsible professionals aware of Data Ethics in computation.

4) To foster research work in the area of Data Science and allied areas, leading to quality decision-making.

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PROGRAMME OUTCOMES (POs)

PO1: To apply knowledge of mathematics, science and engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

PO2: To identify and formulate, research literature and analyze complex engineering problems resulting in substantial conclusions using principles of mathematics, natural sciences and engineering sciences.

PO3: To design solutions of complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.

PO4: To use research based knowledge and research methods including design of experiments, analysis and interpretation of data synthesis of information to provide valid conclusions.

PO5: To create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6: To apply reasoning informed by contextual knowledge to assess societal, health,safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.

PO7: To understand the impact of professional engineering solutions in the societal and Environmental context and demonstrate knowledge and need for sustainable development. PO8: To apply ethical principles and further to commit to professional ethics andresponsibilities and norms of engineering practice.

PO9: To function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.

PO10: To communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

PO11: To demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: To recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

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ADMINISTRATIVE RESPONSIBILTIES
Academic Year 2023-24 (Even Semester)

Dr. Kriti Srivastava **Head of the Department** **Computer Science and Engineering (Data Science)**	
Dr. Kriti Srivastava **DJS S4DS Committee (Branch Counsellor)**	**Dr. Kriti Srivastava** **DJS Compute Club (Faculty Advisor)**
Prof. Pradnya Saval **DJS S4DS Committee (Treasurer)**	**Prof. Poonam Jadhav** **Exam Coordinator**
Prof. Pooja Vartak **Internship and Placement Coordinator**	**Prof. Pradnya Saval** **Time-Table Coordinator**
Dr. Nilesh Marathe **Major Project Coordinator**	**Prof. Shruti Mathur** **T.Y. IPD Coordinator** **Prof. Adil Shaikh** **S.Y. IPD Coordinator**
Prof. Pradnya Saval **BoS Coordinator**	**Dr. Nilesh Marathe** **Term Test Coordinator**
Prof. Pradnya Saval **Monthly Report**	**Prof. Pooja Vartak** **Monthly Load**
Prof. Kanchan Dabre **Academic Bulletin Preparation**	**Dr. Kriti Srivastava** **NPTEL (Online Certification Courses)**
Mrs. Sanjana Walekar **Maintenance Coordinator**	**Dr. Nilesh Marathe** **Student Technical Activity Preparation**
Prof. Pooja Vartak **Dept. Library Coordinator**	**Prof. Pooja Vartak** **NAAC Coordinator**
Computer Vision Lab: Prof. Adil Shaikh **Machine Learning Lab: Prof. Shruti Mathur** **Computing Lab: Dr. Nilesh Marathe** **Linux Lab: Prof. Ruchika Patil** **Laboratory (In-charges)**	**Final Year (Sem V-VI): Prof. Pooja Vartak** **TY-Div: D1 (Sem V-VI): Prof. Kanchan Dabre** **TY-Div: D2 (Sem V-VI): Prof. Pradnya Saval** **SY-Div: D1 (Sem III-IV): Dr. Nilesh Marathe** **SY-Div: D2 (Sem III-IV): Prof. Adil Shaikh** **Class (In-charges)**

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DJS-S4DS

Committee Members for AY- 2023:24

FACULTY ADVISOR & BRANCH COUNSELLOR
Dr. Kriti Srivastava

FACULTY ADVISOR & TREASURER
Prof. Pradnya Saval Joshi

CHAIRPERSON
Bhuvi Ghosh

VICE CHAIRPERSON (ADMIN)	VICE CHAIRPERSON (TECHNICAL)
Hiya Jain	Atharv Patawar

PUBLICITY HEAD	CREATIVES HEAD	LOGISTICS HEAD	TECHNICAL HEAD
Virum Ranka	Vishma Adeshra	Aryann Tated	Ajitesh Dubey
Anuradha Yeole	Yash Pandloskar	Aarya Kamdar	Satvam Thakkar

EVENTS HEAD	MARKETING HEAD	EDITORIAL HEAD	CO-ORDINATOR (DJS-TRINITY)
Vaibhav Vanage			Tanisha Gandhi
Atharv Salian	Jatin Jadhav	Shivam Musterya	Dhruv Varma
	Anay Shah	Shruti Jain	
	Isha Shah		

SOCIAL REPRESENTATIVE (DJS-NSS)
Om Uskaikar
Sonia Satam

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DJ-COMPUTE
Committee Members for AY- 2023-24:

FACULTY MENTOR
Dr. Kriti Srivastava, Head of CSE-DS

FACULTY CO-ORDINATOR
Prof. Shruti Mathur

CHAIRPERSON
Yash Thakkar

VICE CHAIRPERSON (TECH)	**VICE CHAIRPERSON (ADMIN)**
Mehek Jain	Shruti Jain

DA & ML (MENTOR)	**WEB TECHNOLOGY (MENTOR)**	**APP DEVELOPMENT (MENTOR)**
Hiya Jain	Vineet Chotaliya	Shivam Nagori
Mihir Randive	Mohammad Mehndi	Virum Ranka
Dhruv Varma	Satvam Thakkar	Vishma Adeshra
Harsh Shetey		

MARKETING HEAD	**CREATIVE HEAD**	**LOGISTIC HEAD**
Sowmya Dadheech	Nidhi Pabari	Dwisha Shah

CO-ORDINATOR (DJS-TRINITY)	**SOCIAL REPRESENTATIVE (DJS-NSS)**
Kaushik Patelia	
Devam	Harsh Shah
	Ruchit Kothari

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Paper Published in National / International Conference

1. Prof. Kanchan Dabre published a paper on "RAPID-Net: Reduced architecture for pneumonia in infants' detection using deep convolutional framework using chest radiograph" in SCOPUS/SCI Biomedical Signal Processing and Control Journal, September 2023.

2. Prof. Kanchan Dabre published a paper on "Deep Architecture for Diagnosis of Pneumonia in Thoracic images" in Conference on Technologies for Future Cities 2023 on 6th October 2023.

3. Prof. Pradnya Saval, Stavan Shah, Purvi Parmar, Miloni Shah published a paper on Realtime Object Detection with Voice Feedback International Conference on Emerging Trends in Artificial Intelligence, Data Science and Signal Processing (AIDSP-2023) on 20th October 2023.

4. Prof. Kanchan Dabre, Dhruvi Shah, Himanshu Kakwani and Parth Kapadia published Multi Criteria Decision Making in Fantasy Sports, at IEEE Scopus Conference, at 2023 IEEE Pune Section International Conference (PuneCon) between 15th to 17th Dec 2023.

5. Kanchan Dabre, Satishkumar Varma, Pankaj Patil published research paper titled "Consolidation of Squeeze and Excitation with VGG16 for pneumonia diagnosis through chest X-Ray images" in Scopus Journal named Stochastic Modelling & Computational Sciences ISSN: 2752-3829 indexed by Roman Science Publications and Distributions in Dec-23.

6. Kanchan Dabre, Satishkumar Varma, Pankaj Patil published research paper titled "Deep Architecture for Diagnosis of Pneumonia in Thoracic images" in Scopus Journal named International Journal of Applied Engineering and Technology (London) ISSN: 2633-4828 indexed by Roman Science Publications and Distributions in Dec-23.

7. Sameep Karia, Tanay Temani, Varun Gajara and Pradnya Saval published research paper titled "Smart Parking Management System" in International Journal named International Journal of Scientific Research and Engineering Trends in Oct-23.

8. Stavan Shah, Purvi Parmar, Miloni Shah and Pradnya Saval published research paper titled "Realtime Object Detection with Voice Feedback" in Scopus Conference named International Conference on Emerging Trends in Artificial Intelligence, Data Science and

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Signal Processing (AIDSP-2023 in Oct-23.

9. Dhruvi Shah, Himanshu Kakwani, Parth Kapadia and Kanchan Dabre published research paper titled "Multi Criteria Decision Making in Fantasy Sports" in Scopus Conference named 2023 IEEE Pune Section International Conference (PuneCon) between15 th to 17th Dec 2023

10. Aditya Potdar, Jay Bhanushali, Sarvagya Singh and Kanchan Dabre published research paper titled "Yoga Pose Classification and Correction using PoseNet" in Scopus Conference named IEEE IATMSI-2024: 2nd IEEE International conference on Interdisciplinary Approaches in Technology and Management for Social Innovation Gwalior, India Gwalior, India, in Jan-24

11. Poonam Jadhav, Gautam Borkar published research paper titled "Quasi-identifier recognition with echo chamber optimization-based anonymization for privacy preservation of cloud storage"in SCI,Scopus Journal named Concurrency and Computation Practice and Experience in Sep-23.

12. Akshat Rawat; Gaurav Karande; Mukundan Balaji; Vedant Bhamare; Poonam Jadhav published research paper titled "Hyper-Space: Blockchain-based Decentralized Cloud Storage System"in scopus Conference named 2023 International Conference on Advanced Computing Technologies and Applications (ICACTA) in Oct-23.

13. Poonam Jadhav, Gautam Borkar published research paper titled "Comparative Analysis of Privacy Preservation Models for Securing Big Data" in Conference named International Conference of Computing and Data Analytics (ICCDA) in Dec-23.

14. Afreen Sorathiya, Pradnya Saval and Manha Sorathiya published research paper titled "Data-Driven Sustainable Investment Strategies: Integrating ESG, Financial Data Science, and Time Series Analysis for Alpha Generation" in Journal named International Journal of Financial Studies in April-24.

15. Shruti Mathur, Dr. Gourav Shrivastava published research paper titled "Performance Analysis using Machine Learning for Code Mixed Languages in Sentiment Analysis" in Conference named International Conference on Current Development in Engineering & Technology

16. Shruti Mathur, Dr. Gourav Shrivastava published a research paper titled Unveiling Emotional Nuance Leveraging Fine-Tuned Transformer Models for Sentiment Analysis

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of Hinglish Texts on Mental Health in NLP in Alochana Journal.

17. Dr. Nilesh Marathe published a Book Chapter titled Exploring Innovations for Streamlining Orphan Adoption: Harnessing Blockchain and Decentralized Solutions---A Survey and Comprehensive Framework in Springer Scopus indexed by 45413 in May 2024.

18. A. Salian, B. Ghosh, H. Shetye, P. Kapadia and K. Srivastava, "Real-Time Injury Risk Assessment in Athletes Based on Relative Joint Angles," 2024 International Conference on Emerging Smart Computing and Informatics (ESCI), Pune, India, 2024, pp. 1-6, doi: 10.1109/ESCI59607.2024.10497417.

19. V. Gandhi, S. Shah, M. Shah, A. Mehta and K. Srivastava, "Optimisation of Anomaly Detection in Video Processing Using Efficient Feature Engineering," 2024 International Conference on Emerging Smart Computing and Informatics (ESCI), Pune, India, 2024, pp. 1-6, doi: 10.1109/ESCI59607.2024.10497234.

20. Dr. Kriti Srivastava published a book titled as "Graph Data Science", Tech Neo Publishing, ISBN 978-93-5583-692-2.

Patent/ Copyrights

Dr. Kriti Srivastava, Jash Bhatia, Hardik Gupta, Jainam Rajput, Pradnya Saval, Dr. Hari Vasudevan, received a South African patent grant titled: A SYSTEM AND METHOD FOR EVALUATING THE FRESHNESS OF FRUITS USING MACHINE LEARNING TECHNIQUES, on 20th Dec 2023. Patent Number: 4889.

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Interaction of Faculty with Outside World

1. Dr. Kriti Srivastava attended the Inauguration of S4DS Student Chapter for the department of Artificial Intelligence and Data Science at Thakur College of Engineering and Technology 1st September 2023.

2. Dr. Nilesh Marathe reviewed papers of the International Conference on Computational Intelligence and Network Systems (CINS 2023) for (BITS) Pilani, Dubai Campus, Dubai UAE, October 18-20, 2023.

3. All the faculty members had been external examiners at various colleges for their subject of expertise at various universities.

4. Dr. Nilesh Marathe were Jury Member of Avishkar 2023 - Birla College , 7th Dec 2023.

5. Dr. Nilesh Marathe were Jury Member of Avishkar 2023 - Vivekand College of Engineering, 15th Dec 2023,

6. Dr. Nilesh Marathe were BoS VC nominee at Bhavan's College for BSC IT, 16th Dec 2023.

7. Prof. Kanchan Dabre Conducted Expert Session on "Optical Flow- Motion Estimation" At DJSCE, IT Department on Sat Apr 27, 2024, between 9:00 AM—11:00 AM

8. Prof. Kanchan Dabre Reviewer for Conscientia Beam Journals on Apr-24

9. Dr. Kriti Srivastava has conducted a session on "Graph Model", in a ISTE approved one-week STTP on "Graph Data Science with hands on session on Neo4j", organized by Thadomal Shahani College of Engineering between 29th Jan to 3rd Feb 2024.

10. Dr. Kriti Srivastava has conducted a session on Ethical AI as a part of Generative AI course conducted by B. K. Birla College of Arts, Science & Commerce, Kalyan on 19th and 25th of April 2024.

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Seminars/Workshops/Conference/FDP/STTP/Expert Talk Organized in the Department

1. DJS-S4DS and DJS-Compute organized a Session on "ML Bootcamp" for T.E and S.E. students conducted by the members of DJS-S4DS on 22nd and 23rd August 2023.

2. Prof. Pradnya Saval and DJS S4DS organized an Expert Session on "Generative adversarial networks" for TY and B.Tech students conducted by Dr. Santosh Chapaneri (Sr. Data Scientist, Wolters Kluwer) on 24th August 2023.

3. DJS-S4DS organized a Session on "Byte Beginnings Guidance" for F.Y. students conducted by Prachet Shah and Akshit Gabane the students of B.Tech members of DJS-S4DS on 24th and 25th August 2023.

4. An offline workshop on "Robotics" was conducted by IIT Bombay Tech Fest Mentors on 30th September 2023 for TY and B.Tech Students under S4DS.

5. An offline workshop on "Pre-event Data analytics" was conducted by Mr. Dhruv Kudakia on 23rd October 2023 for FE and SE Students under S4DS.

6. An offline 24hrs Datathon PAN India Event was conducted under DJS-S4DS on 28th and 29th October 2023.

7. An offline workshop on "Flutterverse" was conducted by Mr. Shivam Musterya, Vishma Adeshra, Virum Ranka the students of TY on 17th and 18th November 2023 for FE and SE Students under DJS-S4DS.

8. An offline seminar on "Placement Masters" was conducted by the students for the students of TY on 28th November 2023 under DJS-S4DS.

9. An offline webinar on "ML-Ops" was conducted by Mr. Kaustubh Shetye for the students of B.Tech on 29th November 2023 under DJS-S4DS.

10. Prof. Kanchan Dabre has arranged Expert Lecture on "Insights on Image Processing and Computer vision" by Dr. Satishkumar Varma on 30-Mar-2024

11. Prof. Shruti Mathur has arranged Expert Lecture on "ADS" by Kaustubh Shete on 29-Nov-2023.

12. Dr. Nilesh Marathe has arranged NVIDIA certification in CUDA C/C++ by Dr. Nileshkumar Pickle on 15th Feb 2024 for Btech students.

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13. Dr. Nilesh Marathe has arranged NVIDIA certification in CUDA Python by Dr. Nileshkumar Pickle on 27th Feb 2024 for Btech students.

14. Dr. Nilesh Marathe has arranged NVIDIA certification in CUDA Deep Learning by Dr. Nileshkumar Pickle on 6th March 2024 for BTech students.

15. On 08-02-2024, Session on "Data Engineering Overview" was arranged by DJS-S4DS and DJS-Compute Committee.

16. On 08-03-2024, between 10am-1pm, Code Like Her Programming Challenge Event, was organised by DJS-S4DS Committee.

17. On 16-03-2024, Xtract 2.0 National Level Coding Competition was organised by DJS-S4DS Committee.

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Seminars/Workshops/FDP/STTP/NPTEL/Online Courses attended by Faculty Members

1. Dr. Nilesh Marathe, attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Maharashtra held during 18.12.2023 to 27.12.2023.

2. Prof. Pradnya Saval attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Maharashtra held during 18.12.2023 to 27.12.2023.

3. Prof. Kanchan Dabre attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Maharashtra held during 18.12.2023 to 27.12.2023.

4. Prof. Pooja Vartak attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Maharashtra held during 18.12.2023 to 27.12.2023.

5. Dr. Kriti Srivastava attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University, Maharashtra held during 18.12.2023 to 27.12.2023.

6. Dr. Nilesh Marathe attended ATAL FDP on "Tool and Techniques for Modern Data Science" of 6 Days between 18th - 23rd December 2023.

7. Mrs. Poonam Jadhav attended ATAL FDP on "Tool and Techniques for Modern Data Science" of 6 Days between 18th - 23rd December 2023.

8. Prof. Pradnya Saval attended 1 week FDP on Latest Trends and Techniques in Software Engineering : An Industry Perspective between 20-27 january 2024

9. Prof. Pradnya Saval attended 5 days FDP on Business Analytics organized by ExcelR Edtech Pvt. Ltd between 5th Feb to 9th Feb 2024

10. Prof. Adil Shaikh attended 10 Days FDP on ISTE approved SF-STTP/FDP Programme on "Cyber-Physical Systems: Bridging IoT Electronics & Computer Science & Cyber Security" organized by ISTE between 23.06.2023 to 01.07.2023

11. Prof. Adil Shaikh attended 06 Days STTP on ISTE Approved Six Days Short Term

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DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
Shri Vile Parle Kelavani Mandal's
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA : 3.18)

Department of Computer Science and Engineering (Data Science)

Training Programme (STTP) "Building Solutions Using No Code AI and Machine Learning " organized by ISTE between 02 January to 07 January, 2023

12. Prof. Adil Shaikh attended 10 Days FDP on Attended NEP 2020 orientation and sensitization programme under MM-TTP organized by UGC-Malaviya Mission Teacher Training Centre, Sant Gadge Baba Amravati University(Maharashtra held during 15.1.2024 to 24.1.2024 organized by Teacher Training Centre between 15.1.2024 to 24.1.2024

13. Prof. Adil Shaikh attended 20 hours Certifcation on AWS Academy Graduate - AWS Academy Cloud Foundations organized by AWS between 45415

14. Prof. Adil Shaikh attended 8 weeks (about 2 months) NPTEL Course on NPTEL Certification 'Data Mining' Received ELITE Certification organized by IIT Kharagpur between Jan-March 2024.

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FACULTY ACHIEVEMENTS

1. Prof. Pradnya Saval received **Best Paper Award** on "Realtime Object Detection with Voice Feedback" at International Conference on Emerging Trends in Artificial Intelligence, Data Science and Signal Processing (AIDSP-2023) on 20th October 2023.

2. Prof. Kanchan Dabre, Received **Gold Medal** at 18th Avishkar Zonal Level Research Convention, under Medicine and Pharmacy category PPG level on 25/12/2023 organized by University of Mumbai.

3. Prof. Kanchan Dabre received Silver Medal at Maharashtra State Inter University Research convention and Research fellowship of Rs 100000/- by Governer of Maharashtra held between 13/1/2024 to 15/1/2024.

4. Prof. Pradnya Saval received Best Paper Award for "Realtime Object Detection with Voice Feedback "on 21st October 2023 in International Conference on Emerging Trends in Artificial Intelligence, Data Science and Signal Processing (AIDSP-2023).

5. Dr. Kriti Srivastava received Best Paper Award for "Optimization of Anomaly Detection in Video Processing using Efficient Feature Engineering" on 7th March 2024 in International Conference on Emerging Smart Computing and Informatics 2024

STUDENTS ACHIEVEMENTS

1. Mitali Chotalia **received AWS Solution Architect** Associate Exam certification on 07/07/2023 by Amazon Web Services

2. Purvi Parmar **received AWS Solution Architect** Associate Exam certification on 07/07/2023 by Amazon Web Services

3. Prachet Shah **won Machine Learning Hackathon** on 31/07/2023 with team nameTechgig code Gladiators

4. Atharv Patawar, Harsh Shetye, Bhaumik Kore, Satvam Thakkar and Mohammed Mehdi **won 1st Place** Winners at AI Amplify Hackathon on 21st and 22nd July by Atriina Technologies and One Finance

5. Sayatan Mukherjee, Rajat Masanagi, Keval Shah, Asma Shaikh secured **first position** in

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Techno-GRAD on 15th and 16th September 2023.

6. Aaditya Malani, Aryan Rajpurkar, Advait Sankhe, Swar Jagdale secured **second prize** in Technovate 2023: Hackathon in Blockchain Domain on 17th September 2023.

7. Aaditya Malani, Aryan Rajpurkar, Advait Sankhe secured **first place** at Clockout 1.0 on 6th October 2023.

8. Abhishek Sinha, Harsh Shetye, Shantanu Sakpal, Uday Mahajan secured **first prize** at Hackmania: Hackathon at Atharva College of Engineering on 7th October 2023.

9. Vaibhav Vanage, Shivam Musterya, Aryan Surve, Aditi Gaikwad secured **second prize** at Hackmania: Hackathon at Atharva College of Engineering on 7th October 2023.

10. Jay Vithlani secured an **Elite: Silver** for the NPTEL Course on Python for Data Science on 21st October 2023.

11. Vaibhav Vanage secured **first prize** at CTF Organized at Xavier Institute of Engineering on 21st October 2023.

12. Abhishek Sinha, Uday Mahajan, Shantanu Sakpal secured **first prize** at CodeIcon 5.0on 27th October 2023.

13. Akhil Padmanabhan, Bhaumik Kore, Mohammed Mehdi secured **second prize** at CodeIcon 5.0on 27th October 2023.

14. Abhishek Sinha, Harsh Shetye, Shantanu Sakpal, Uday Mahajan received a **Special Recognition** at FIN-A-THON IIT Delhi and South Indian Bank on 5th November 2023.

15. Pooja Gandhi, Harsh Shah, Vaidehi Shah, Jay Vithlani secured **second prize** at Ideathon: DJS GDSC (Google Developer Student Club) on 7th November 2023.

16. Aman Mehra, Dhavit Gandhi secured **first prize** at DJS UNICODE on 8th November 2023.

17. Aman Mehra, Dhavit Gandhi secured **first prize** at Re-Quest DJS-Synapse on 8th November 2023.

18. Atharv Patawar, Bhaumik Kore, Satvam Thakkar, Mohammed Mehdi secured **second prize** at Awiros x Intel Computer Vision App-a-thon on 27th November 2023.

19. Harsh Shetye, Abhishek Sinha, Shantanu Sakpal, Uday Mahajan, Aryan Surve won Cognavi Ascend Hackathon event held by IISC Bangalore & Cognavi Ascend on 28-Jan-

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2024; received prize money of Runner-up(50k)

20. Shantanu Sakpal, Harsh Shetye, Abhishek Sinha won Datazen Datathon event held by K. J. Somaiya College of Engineering on 04-Feb-2024; received prize money of Winner (Core ML) (30k)

21. Meet Vasa won Datazen Datathon event held by K. J. Somaiya College of Engineering on 02-Apr-2024 received prize money of First Runner Up(15k) Generative AI Category.

22. Harsh Shetye, Abhishek Sinha, Shantanu Sakpal, Uday Mahajan won the SPIT Hackthon event held by CSI SPIT on 11-Feb-2024 and received prize money of Web Domain Winner(5k).

23. Tirth Vora, Neil Shukla, Vineet Chotaliya won Xtract 2.0 event held by DJS S4DS - D. J. Sanghvi College of Engineering on 16-Mar-2024 received prize money of Winner (7K).

24. Tirth Vora, Harsh Shetye, Abhishek Sinha won Hack N Code 6.0 event held by IET MPSTME on 07-Apr-2024 received prize money of Winner (30k).

25. Ankush Arvind Pandey, Jinit Kejal Jasani, Ronit Satish Mehta won Quantathon-'24 event held by IIT-Roorkee on 02-Feb-2024 received prize money of Winner (50k).

26. Ankush Arvind Pandey, Jinit Kejal Jasani, Ronit Satish Mehta won Mind-The-Product-'24 event held by IIT-Roorkee on 02-Feb-2024 received prize money of AIR-9 (goodies).

27. Ankush Arvind Pandey, Jinit Kejal Jasani, Ronit Satish Mehta won Lines Of Code - 6.0 event held by DJS ACM - D. J. Sanghvi College of Engineering on 03-Sep-2024 received prize money of Winner (50k).

28. Ankush Arvind Pandey, Jinit Kejal Jasani, Ronit Satish Mehta won Coherence - 1.0 event held by Microsoft Learn Student's Club VCET on 3/23/2024 received prize money of Winner (30k).

29. Ankush Arvind Pandey, Jinit Kejal Jasani, Ronit Satish Mehta won NM_Techfest's CROFT event held by NM-Techfest on 2/16/2024 received prize money of Winner (5k).

30. Jinit Kejal Jasani won Maharashtra Student Innovation Society event held by Collector's Office _Mumbai on 1/26/2024 received prize money of Winner (1 lakh).

31. Jinit Kejal Jasani won Startup Mahakumbh, Bharat Mandapam event held by Delhi on 20-Mar-2024 received prize money of Delegate (Felicitation).

32. Saksham Mohit Jha won Ministry of Cultural Affairs' Rang 2023 National Shortfilm making competition event held by Ministry of Cultural Affairs Office on 11-Feb-2024

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received prize money of Winner.

33. Atharv Patawar, Bhaunmik Kore, Satvam Thakkar, Mohammed Mehdi won Mernifier event held by IIT Bombay and Marsh McLennan on 28-Dec-2023 received prize money of Second Runner Up (35k).

34. Miloni Shah won Narotam Sekhsaria Foundation UG Engineering Scholarship event held on 04-Jan-2024.

35. Miloni Shah, Stavan Shah, Purvi Parmar won the International Conference on Emerging Trends in Artificial Intelligence, Data Science and Signal Processing event held on 21-Oct-2023 received a Best Paper Award.

36. Stavan Shah, Miloni Shah, Varaun Gandhi, Aryan Mehta won the International Conference on Emerging Smart Computing & Informatics 2024 event held on 07-Mar-2024 received a Best Paper Award.

37. Vaibhav Vanage, Aditi Gaikwad, Aryan Surve, Shivam Mustreya won HERE Hackathon event held by Techfest - IIT Bombay on 28-Dec-2023 received prize money of 1st Runner Up (50k + goodies)

38. Vaibhav Vanage, Aditi Gaikwad, Dhruv Sheth, Shivam Mustreya won PEC Hacks event held by Panimalar College of Engineering, Chennai on 28-Jan-2024 received prize money of Consolidation prize (5k + goodies), internship by Supraja Technologies.

39. Aditi Gaikwad, Vaibhav Vanage, Shivam Mustreya won D2K 2.0 event held by DJ InIT.AI - DJSCE on 06-Feb-2024 received prize money of NLP Domain Winner

40. Aryan Surve, Aditi Gaikwad, Dhruv Sheth, Shivam Mustreya won ACE Hacks 1.0 event held by Atharva College of Engineering, Malad on 17-Mar-2024 received prize money of Winner (25k)

41. Vaibhav Vanage Aditi Gaikwad Aryan Surve, Shivam Mustreya won Tech.Future Hackathon event held by IIT Delhi, FIIT, MEITY on 10-Jan-2024 received prize money of Prestigious TOP 10

42. Shobit Gupta, Prathmesh Raut, Paritosh Shukla, Atharva Wakhare won HackHaven 1.0-25k Prize event held by L.R Tiwari College Of Engineering on 20-Mar-2024 received prize money of Winner (25k)

43. Prachet Shah won Doceree ML Hackathon event held by Doceree and TechGig - Online on 28-Jul-2024 and was the Third Place Winner.

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44. Aryan Nayak, Ami Desai, Dhaval Jain, Aryan Fredericks won Lines of Code 6.0 event held by DJS ACM - D. J. Sanghvi College of Engineering on 10-Mar-2024 received prize money of Second Runner Up (30k)

45. Taher Afsar, Rajat Masanagi won the PICT Tech Fiesta event held by PICT College, Pune on 29-Mar-2024.

46. Taher Afsar won Innov8 event held by Terna College,Nerul on 28-Feb-2024.

47. Taher Afsar won Transamission event held by Xavier's College on 19-Jan-2024.

48. Bhuvi Ghosh, Ajitesh Dubey, Vineet Chotaliya, Anuradha Yeole won Byte Synergy 2.0 event held by IIIT Banglore on 21-Oct-2023 received prize money of 1st Runner Up - 15k Prize.

49. Bhuvi Ghosh, Vineet Chotaliya, Anuradha Yeole won first prize DataQuezt Hackathon 2024 - 20k Prize event held by Vivekanand School of Business on 13-Feb-2023.

50. Aryan Rajpurkar, Aaditya Malani, Swar Jagdale, Advait Sankhe won HACKNICHE 2.0 event held by DJSCE on 18-Feb-2024 received prize money of 3rd Runner Up - 4Ok Prize.

51. Aryan Rajpurkar, Aaditya Malani, Swar Jagdale, Parth Kapadia won SYNERGY 1.0 event held by DJSCE on 25-Feb-2024 received prize money of Winner - 50k Prize.

52. Aryan Rajpurkar, Aaditya Malani, Swar Jagdale, Advait Sankhe won TECHNOVATE event held by Sardar Patel Institute of Technology on 17-Sep-2023 received prize money of Winner - 15k Prize.

53. Harsh Shetye, Abhishek Sinha won SIB Ignite Tech Quiz event held by South Indian Bank on 18-Jan-2024 received prize money of Runner Up (10K).

54. Mehek Jain won LLM Bankathon 1.0 powered by HackerEarth and AWS event held by Axis Bank on 16-Sep-2023 achieved Prestigious TOP 10.

55. Rishabh Patil, Saksham Jha won Eighth International Conference on Data Management, Analytics and Innovation - ICDMAI 2024 event held by Vellore Institute of Technology-Vellore Campus on 21-Jan-2024 received 3rd Prize in AI and Deep Learning Track

56. Aditya Potdar, Pushkar Waykole, Harshit Singh, Sarvagya Singh won Aeravat AI Hackathon by IEEE CS SPIT event held by Sardar Patel Institute of Technology on 23-Mar-2024 received 1st Prize in Machine Learning Domain.

57. Jay Vithlani won NPTEL: Python for Data Science event held by IIT Madras on 21-Oct-2024 He was in Topper: Top 2%.

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58. Sayantan Mukherjee, Keval Shah,Rajat Masangi, Asma Shaikh won TECHNO-GRAD event held by DJSCE on 16-Sep-2023 received prize money of Winner - 5K Prize.

59. Vaibhav Vanage, Aditi Gaikwad, Aryan Surve, won Devopia event held by KJ Somaiya on 14-Apr-2024 received prize money of Winner - l lakh.

60. Bhuvi Ghosh won S4DS Student chair of the year Award 2023 event held by Vellore S4DS Head Branch.

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BATCH 2024 PLACEMENTS AND HIGHER STUDY RECORDS
Total Number of Students: 66
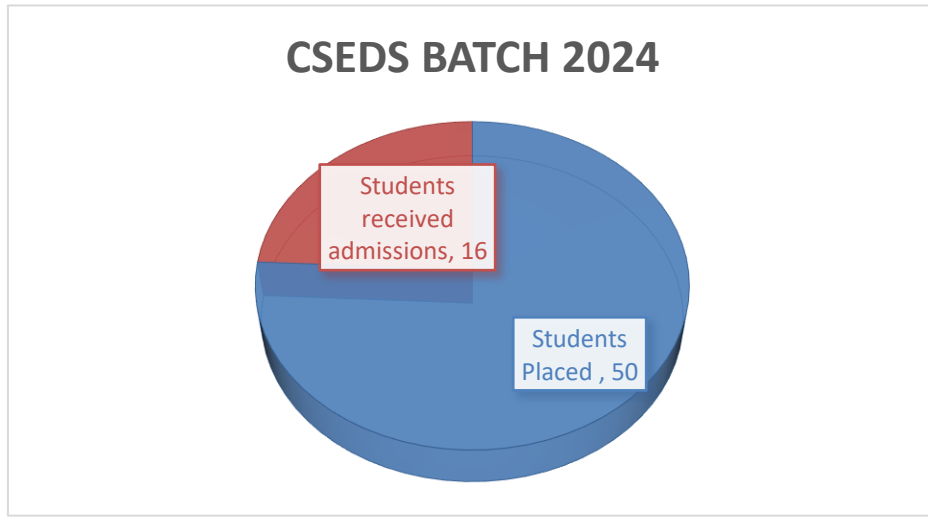
Figure 1: Record of Batch 2024

Average Salary: 9.88 LPA	Median Salary: 8.57 LPA
Highest Salary: 23LPA	Lowest Salary: 3.3 LPA

Figure 2: Salary wise distribution

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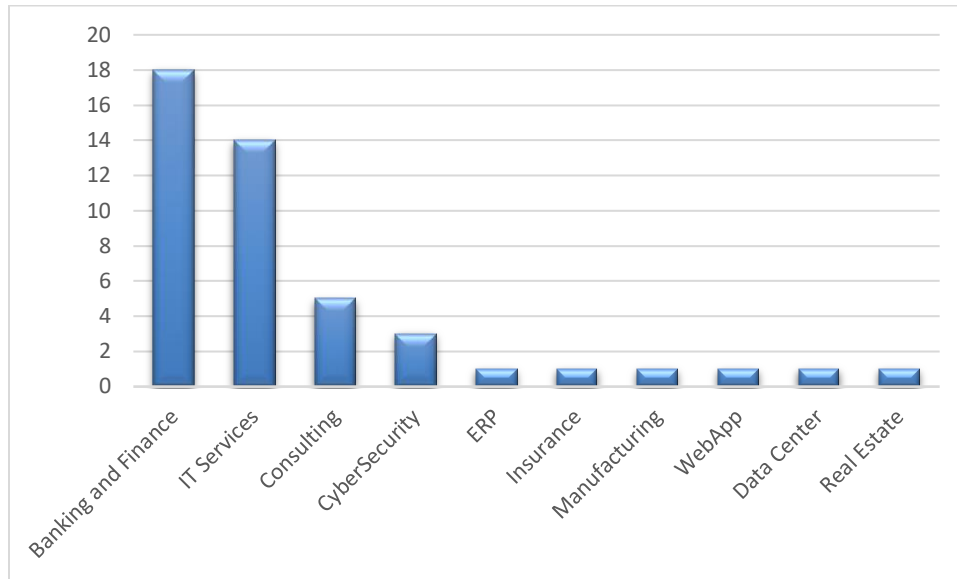
Figure 3: Company Category-wise Distribution
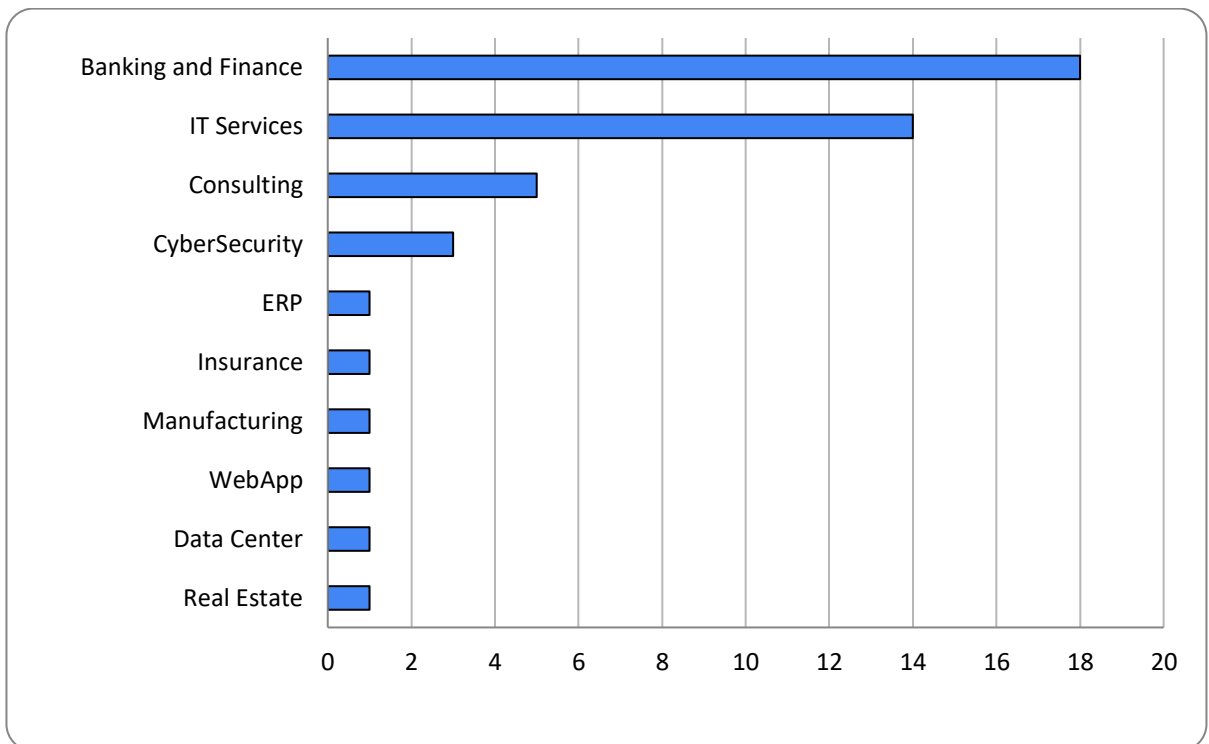
Figure 4: Job Role-wise Distribution

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Table 1: Number of offers and CTC

S. No	Name of the Company	Number of Offers	CTC (LPA)
1	Dolat Capital	1	23
2	Appolo Global	1	19.5
3	JPMC	1	19
4	ParvaDiam: Manager	1	18
5	Dezerv	1	15
6	Forcepoint	1	14.5
7	ZS Associates	2	13.65
8	ISS Governance	2	13
9	Lyondell Basell	1	12.5
10	Bajaj Finance	1	12
11	Cimpress	1	12
12	TIAA	2	10.54
13	OFSS	2	10.24
14	Montran	1	10
15	Deloitte	1	10
16	IDFY	5	10
17	Sharekhan	1	10
18	Think 360	1	9.55
19	Carwale	1	9
20	Indus Valley Partners	1	8.27
21	eEmphasys	2	8
22	ICICI Lombard	2	8
23	MAK Kotwal Realty	1	8
24	TresVista	2	7
25	EY	1	6.37
26	Saint Gobain	5	6.5
27	CtrlS & Cloud4C	2	6
28	BNP Paribas	1	6
29	Searce	1	6
30	ParvaDiam: Developer	2	6
31	Avniro	1	4.72
32	Alpha Payments	1	4
33	Accenture	1	4
34	TCS	2	3.3

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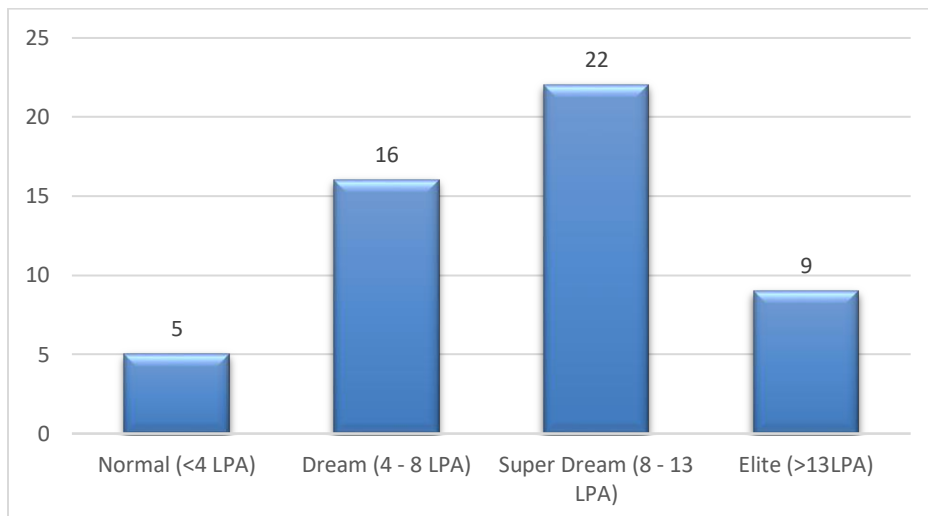**Table 2: Higher Studies Details**

S No	Name of the University	Number of Students
1	Carnegie Mellon University (CMU)	3
2	University of Washnigton	1
3	University of Illinois Urbana-Champaign (UIUC)	3
4	New York University (NYU Courant)	2
5	Arizona State University	1
6	Stevens University	1
7	UNSW Sydney	2
8	Worcester Polytechnic Institute	1
9	Rutgers University	1
10	Milwaukee School of Engineering	1

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STUDENTS INTERNSHIP SUMMARY FOR THE AY 2023-24

Total 73 companies offered Internships to CSEDS students.

Table 3: Number of Offers by each company.

Name of Company	No of Students
TCS Innovation Labs	2
Samisan Tech	1
Gochanakya	4
Academor	1
SynapLabs AI (San Francisco)	1
Nimbusnext	1
ShigaCorp	1
Arcon	2
Baker Hughes	1
JPMC	1
Aditya Birla Health Insurance	1
TIAA	2
India Data Hub	1
ICICI LOMBARD	3
Lyondell Basell	2
TalentServe	2
Think 360	1
Apollo global management	1
Neo Group	1
Dezerv	1
Stay Vista/Unschool/GyanStan	1
Ernst and Young	2
Omniflo	1
Aero2Astro	1
Discover Technologies	1
Hertzsoft Technologies Pvt. Ltd.	1
SixtyFour Data Intelligence Pvt Ltd	1
MintingM	1
ShigaCorp	1
Actify Data Labs	1
Air India SATS	1
AltissAdvance (XIRCLS)	1
Antennae Ventures	1
ArbDossier	3
Arcon	1

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AurionPro Solutions Limited	1
Bharat Intern	1
Boardwalktech	1
BOI Solutions Pvt Ltd	1
CHANISH	1
Neo Group	1
Dezerv	1
Stay Vista/Unschool/GyanStan	1
Ernst and Young	2
Omniflo	1
Aero2Astro	1
Discover Technologies	1
Hertzsoft Technologies Pvt. Ltd.	1
SixtyFour Data Intelligence Pvt Ltd	1
MintingM	1
ShigaCorp	1
Actify Data Labs	1
Air India SATS	1
AltissAdvance (XIRCLS)	1
Antennae Ventures	1
ArbDossier	3
Arcon	1
AurionPro Solutions Limited	1
Bharat Intern	1
Boardwalktech	1
BOI Solutions Pvt Ltd	1
CHANISH	1
Cloud Counselage Pvt. Ltd.	1
Edsarrthi	1
EffiGO	1
Ernst & Young	2
Exampil Solutions Pvt Ltd	1
Excel Industries	1
Gadigoda	1
Gray Matrix	1
HDFC Bank	1
Internshala	1
Jetson	1
JIO	1
Kissht (RING)	1
Kissht (RING)	1
Kotak	1
Kotak General Insurance	1

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Kotak Securities	1
L&T	1
LetsGrowMore	2
MarcosQuay	1
Micropoint Computers Pvt Ltd	1
Modernizing processess	1
NextGen Techno Ventures	1
NimbusNext	1

ACTIVITIES IN THE DEPARTMENT (Jan 2024 -May 2024)

Table 4: Summary

Number of Paper published in National/International Conference	20
Number of Interaction of Faculty with Outside World	10
Number of Seminars/Workshops organized by Faculty Members in the Department	17
Number of Seminars/Workshops attended by Faculty Members	14
Number of Student Internship	93
Number of Students placed	50
Number of Students going for higher studies	16
Number of Faculty Achievements	5
Number of Student Achievements	60

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