DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

DEPARTMENTAL ACTIVITIES & ACHIEVEMENTS REPORT

(July 2022 – June 2023)

Prepared By	Dr. Vinaya Sawant
(Prof. Sweedle Machado /Prof. Neha Katre)	**(HOD, IT Dept)**

DEPARTMENT OF INFORMATION TECHNOLOGY

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PLOT NO.U-15, JUHU SCHEME, BHAKTIVEDANTA SWAMI MARG, VILE PARLE (WEST), MUMBAI-400 056

Tel.: +91 022 4233 5000/2610 7010/2610 7461 Fax: +91 022 2619 4988 Email: info@djsce.ac.in, admin@djsce.ac.in Website: www.djsce.ac.in

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

To emerge out as a prominent department offering a program blended with research culture in its pursuit for academic excellence in order to develop professionally competent and socially responsible engineers capable of meeting industry demands and social obligations in a vibrant global environment.

MISSION

1. To build fertile environment, where students receive the best of technological foundation and direction to explore, pursue and hone their own areas of interests, culminating with a wholesome development.

2. To strive towards building an atmosphere that will be a catalyst for innovative ideas and learning, providing students with various opportunities and experiences that can help them to thrive and prosper through a blend of academics, practical exposure and research programs to pursue successful careers in a global environment.

3. To bridge the gap between the industry, institute and society by acquainting the students with the highly dynamic information technology domain.

4. To imbibe a sense of responsibility amongst students to apply their knowledge diligently keeping in mind its possible impact on the society.

5. To develop soft and professional skills.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. To impart learners with sound knowledge of basic sciences and core engineering fundamentals.

2. To prepare learners use modern programming tools/technologies and develop competency to counter complicated engineering problems.

3. To prepare learners to be professionally competent and socially responsible to sustain and strive through the competitive, global/environment challenges.

4. To create a strong foundation in IT discipline and motivate learners undertake postgraduate studies, explore professional avenues or venture into entrepreneurship.

5. To inculcate personality traits and professional ethics.

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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 and responsibilities 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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PROGRAMME SPECIFIC OUTCOMES (PSOs)

Students will be able to:

1. Analyze real life problems and design user friendly solutions.

2. To provide effective solutions for problems in sectors like healthcare, science, commerce, e-governance etc., by employing right set of tools and methodologies.

3. Design and implement right IT infrastructural setups for any organization.

4. Plan, execute, check and act in specific project tasks.

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ADMINISTRATIVE RESPONSIBILTIES

(2022-23)

Associate Head Prof. Neha Katre	**Exam Convenor, DJSCE** Dr. A.R. Joshi
Research Publication & IPR (RnD Club) Dr. Monika Mangla Prof. Prachi Tawde	**Seminars / Workshops / FDP / STTP Coordinator** Dr. Monika Mangla
NAAC Coordinator Prof. Neha Katre	**NBA Coordinator** Prof. Neha Katre
Exam Coordinator Prof. Priyanca Gonsalves Prof. Anushree Patkar	**IPD and Project Coordinator** Prof. Arjun Jaiswal (SEM V and VI) Prof. Stevina Correia (S. Y and Final Year) Prof. Prachi Tawde (S. Y and Final Year)
Time-Table Coordinator Prof. Neha Katre Prof. Stevina Correia Prof. Sharvari Patil	**Monthly and Academic Report Coordinator** Prof. Neha Katre Prof. Sweedle Machado
Alumni Coordinator Prof. Harshal Dalvi Prof. Arjun Jaiswal	**Placement Coordinator** Prof. Harshal Dalvi Prof. Monali Sankhe
Internship Coordinator Prof. Richa Sharma Prof. Monali Sankhe	**Mentor Coordinator** Prof. Stevina Correia
College and Dept. Library Coordinator Prof. Neha Agarwal	**ICPC Coach** Dr. A. R. Joshi Prof. Neha Agarwal
DJCSI Committee (Branch Counsellor) Dr. Vinaya Sawant	**DJCSI Committee (Faculty Advisor)** Prof. Richa Sharma
Artificial Intelligence Club Prof. Prachi Tawde	**DJCodestars Programming Club** Dr. Vinaya Sawant Prof. Neha Katre

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GDSC Club Prof. Neha Katre Prof. Sweedle Machado	**NPTEL (Online Certification Courses)** Prof. Neha Agarwal
Cultural Committee Prof. Neha Katre	**Sports Committee** Prof. Harshal Dalvi
Class Incharges for Even Semester (2022-23): 1. S. Y. B. Tech A: Prof. Neha Agarwal 2. S. Y. B. Tech B: Prof. Priyanca Gonsalves 3. T. Y. B. Tech A: Prof. Richa Sharma 4. T. Y. B. Tech B: Prof. Sweedle Machado 5. Final Year B. Tech: Prof. Sharvari Patil	**Lab Incharges for Even Semester (2022-23):** 1. AI and DE Lab: Prof. Prachi Tawde 2. UI/UX and Design Modeling Lab: Prof. Monali Sankhe 3. NS and Computing Lab: Prof. Anushree Patkar
IT Infrastructure Committee Members Prof. Harshal Dalvi Prof. Prachi Tawde	**Department Coordinator for NIRF Ranking/Survey related Data** Prof. Sharvari Patil
Admission Committee Dr. Vinaya Sawant Dr. Monika Mangla Prof. Neha Katre Prof. Harshal Dalvi Prof. Stevina Correia Prof. Prachi Tawde Prof. Neha Ram Prof. Richa Sharma Prof. Sharvari Patil Prof. Priyanca Gonsalves	**Maintenance Committee** Prof. Arjun Jaiswal Prof. Harshal Dalvi Mrs. Sangeeta Pawar (Lab Asst.) Mr. Sanju Uppala (Lab Attd.)

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CSI STUDENTS COMMITTEE 2022-23

CHAIRPERSON
Divya Patel

VICE CHAIRPERSON (TECHNICAL)
Jinish Shah

VICE CHAIRPERSON (ADMIN)
Saurav Shah

SECRETARY
Vedit Beladia

Hetvi Solanki

TREASURER
Vairag Parikh

Aadil Saudagar

TECHNICAL HEAD
Ayush Shah
Shiv Bhonde

MARKETING HEAD
Vinit Shah
Mandar Parekh

LOGISTICS HEAD
Kunaal Vadgama
Sharvari Salgonkar
Prem Doshi

PUBLICITY HEAD
Meet Vora
Priyank Shah

EVENTS HEAD
Parshva Vyas
Riya Deorukhkar

CREATIVES HEAD
Ardon Kotey
Bhavna Mulchandani

EDITORIAL HEAD
Om Thakrar
Prathamesh Nayak

SOCIAL MEDIA HEAD
Rucha Gavaskar
Dristi Dhingani

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DJInit.AI STUDENTS COMMITTEE 2022-23

President – Ved Mistry

Vice Presidents –
- Chirag Jagad
- Jay Thadeshwar

Senior Mentors -

- Aryan Ringshia
- Neil Desai
- Muskan Goyal
- Soham Desai

Junior Mentors -
- Aakash Goradia
- Jash Shah
- Gautam Malpani
- Karna Mehta
- Pradhyuman Pandey
- Prathamesh Nayak
- Shlok Mangle
- Vraj Desai
- Jainil Shah
- Krishang Shah
- Sairaaj Surve
- Vardhan Doshi

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DJCodestars STUDENTS COMMITTEE 2022-23

Technical Team	Suraj Shinde, Viram Mehta, Alan George, Jay Chotalia, Shruthi Prabhu
Marketing Team	Yash Doshi, Shashank Das, Soham Thatte, Vedant Chavan, Bhargavi Vaidya
Creatives Team	Kely Mistry, Anurag Lade, Om Jethva, Heli Patel, Tirth Parekh
Publicity Team	Rahul chougule, Reshmi Nair, Chirayu Aggarwal, Tanmay mistry
Editorial Team	Darsh Shah, Neel Oza, Saurin Savla

Chairperson	Parth Pawar
Vice-Chairperson Technical	Sagar Dhandhe
Vice-Chairperson Admin	Shrey Shah
Technical Heads	Harsh Shah, Bhavik Jain, Lance Corriea,
Marketing Head	Manav Kamdar
Creatives Head	Chakshu Agarwal, Allan Almeida
Publicity Head	Deep Dholakia
Editorial Head	Vijay Harkare

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GDSC STUDENTS COMMITTEE 2022-23

TEAM LEAD
Greha Shah

PROJECT HEAD
Tanmai Kamat
Manan Shah

TECHNICAL HEAD
Jharana Solanki
Ojas Karmarkar

MARKETING HEAD
Devraj Thakur

CREATIVES HEAD
Pusti Sheth

PUBLICITY HEAD
Allan Almeida
Aryan Mehta

SECRETARY
Yash Ranawat

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RnD Club STUDENTS COMMITTEE 2022-23

Mentors		
Sr. No.	**Name of Student**	**Class**
1	Manan Doshi	Final Year
2	Shaurya Magar	Final Year
3	Om Naik	Final Year
4	Shazia Talib	Final Year
5	Dhrumil Thakore	Final Year
6	Jainam Rambhia	Final Year
Members		
Sr. No.	**Name of Student**	**Class**
1	Bhavna Ajay Mulchandani	Third Year
2	Rajkaran Shukla	Third Year
3	Ronnit Mirgh	Third Year
4	Krish Panchal	Third Year
5	Nimesh Harsukh Sakhiya	Third Year
6	Avish Jain	Third Year
7	Rujuta Amit Joshi	Third Year
8	Nihal Vishal Gupta	Third Year
9	Deepti Singh	Third Year
10	Mihika Kubadia	Third Year
11	Jayneet Jain	Third Year

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Paper Published in National / International Journals/Book Chapters

July	1
September	1
October	2
November	10
December	3
January	1
March	2
May	1
TOTAL	**21**
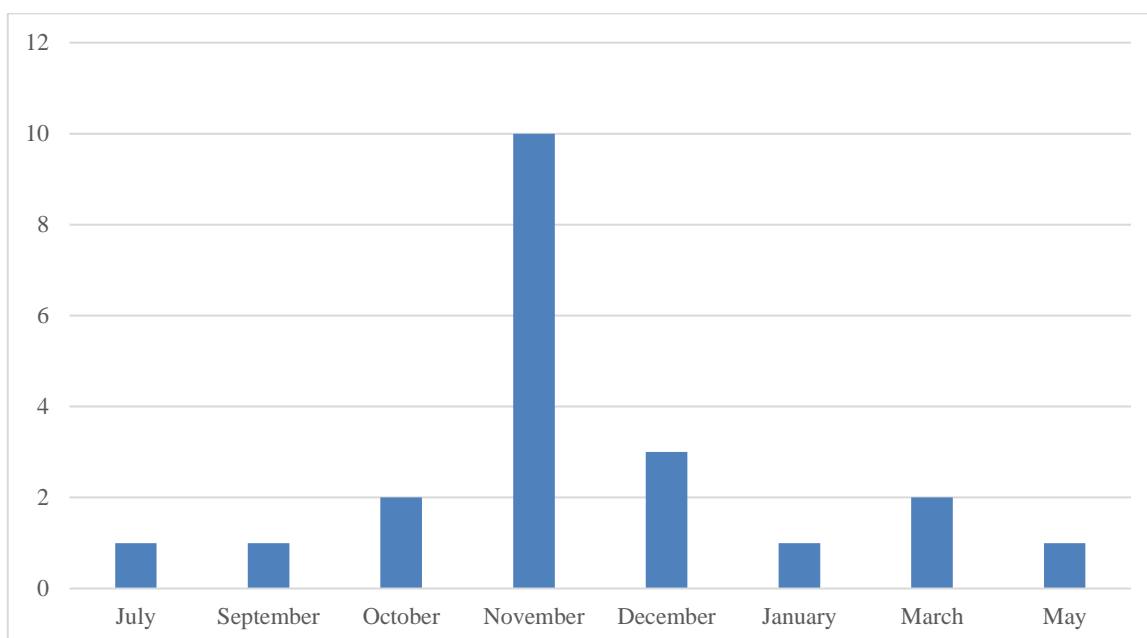
July

1. Dr. Monika Mangla, **"Breast cancer classification using snapshot ensemble deep learning model and t-distributed stochastic neighbor embedding"**, Multimedia Tools and Applications (SCIE and Scopus), Springer Nature, Vol. 82, July 2022.

September

1. Soham Desai, Shlok Asher, Het Patel, Stevina Correia, **"Price Prediction and Business Analysis Web Application for Entrepreneurs"**, International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 9, September 2022.

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October

1. Dr. Monika Mangla, **"Statistical growth prediction analysis of rice crop with pixel-based mapping technique",** International Journal of Artificial Intelligence and Soft Computing (IJAISC) by Inderscience (Listed in UGC), Volume 7, Issue 3, October 2022.

2. Muskan Goyal, Shrey Shah, Aakash Sangani, Bhoomika Valani and Neha Agarwal, **"Job Role and Personality Prediction Using CV and Text Analysis"**, International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 10, Issue X, October 2022.

November

1. Dr. Monika Mangla, **"Fuzzy Modelling of Clinical and Epidemiological Factors for COVID-19"**, International Journal of System Dynamics Applications (IJSDA) by IGI Global (ESCI Indexed), Vol 11, Issue 1, November 2022.

2. Dr. Monika Mangla published a book chapter entitled **"Uses and Challenges of Deep Learning Models for Covid-19 Diagnosis and Prediction"** in book titled "Challenges and Opportunities for Deep Learning Applications in Industry 4.0" published by Bentham Science, November 22.

3. Tanvi Save, Riddhi Mistry, Arjav Parekh, Neha Katre, **"Comprehensive Study and Implementation of LSB and DWT-based Image Steganography"**, International Journal of Emerging Technologies and Innovative Research (UGC Approved Journal No:63975), Volume 9, Issue 11, November 2022.

4. Dr. Vinaya Sawant and Dr. Ketan Shah published a book chapter entitled **"Market Basket Analysis using Distributed Algorithm"**, for the book "Practical Data Mining Techniques and Applications" in CRC Press, Taylor & Francis Group, USA, November 2022.

5. Chirag Jagad, Chirag Jain, Dhrumil Thakore, Om Naik and Dr. Vinaya Sawant published a book chapter entitled **"Federated Machine Learning based Bank Customer Churn Prediction"**, for the book "Practical Data Mining Techniques and Applications" in CRC Press, Taylor & Francis Group, USA, November 2022.

6. Aakash Sangani, Princy Doshi and Dr. Vinaya Sawant published a book chapter entitled "**Unusual Social Media Behavior Detection using Distributed Data Stream Mining"**, for the book "Practical Data Mining Techniques and Applications" in CRC Press, Taylor & Francis Group, USA, November 2022.

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7. Aditya Adhduk, Ritik Sanghvi, Sahil Lunawat and Dr.Vinaya Sawant published a book chapter entitled **"Smart Baby Cradle for Infant Soothing and Monitoring"**, for the book "Practical Data Mining Techniques and Applications" in CRC Press, Taylor & Francis Group, USA, November 2022.

8. Rutwik Shailesh Shah, Harshil Suresh Bhorawat, Hritik Ganesh Sawant and Dr. Vinaya Sawant published a book chapter entitled **"Word Level Devanagari Text Recognition"**, for the book "Practical Data Mining Techniques and Applications" published in CRC Press, Taylor & Francis Group, USA, November 2022.

9. Bhoomika Valani, Chaitanya Kumbhar, Jainam Rambhia, Shivam Vora and Neha Katre published a book chapter entitled **"Identification of Crime Prone Areas using Data Mining Algorithms"**, for the book "Practical Data Mining Techniques and Applications" published in CRC Press, Taylor & Francis Group, USA, November 2022.

10. Sanniddhi Rao, Shreya Kulkarni, Shikha Mehta and Neha Katre published a book chapter entitled **"Application of Machine Learning in Disease Prediction"**, for the book "Practical Data Mining Techniques and Applications" published in CRC Press, Taylor & Francis Group, USA, November 2022.

December

1. Shivam Vora, Ayush Attawar, Parth Narechania and Dr. Vinaya Sawant, **"Augmented Analytics: From BI to Smart Analytics"**, International Journal of University of Shanghai for Science and Technology, Volume 24, Issue 12, December 2022.

2. Ankit Basrur, Dhrumil Mehta, Devansh Mehta and Vinaya Sawant, **"Detection of Image and Video Manipulation"**, International Journal of Research and Analytical Reviews, Volume 9, Issue 4, December 2022.

3. Jainam Rambhia, Muskan Goyal, Dr. Vinaya Sawant, **"Analyzing Correlation between AQI and Spread of Covid Cases in India"**, International Journal of Research and Analytical Reviews, Volume 24, Issue 12, December 2022.

January

1. Jainam Rambhia, Manan Doshi, Rashi Lodha and Stevina Correia, **"Real Time Indian Sign Language Recognition using Deep LSTM Networks"**, International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 11, Issue I, January 2023.

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March

1. Muskan Goyal, Alankrit Arya, Shubh Kamdar, Soham Desai and Neha Katre, **"A Comparative Study of Trending Graph Databases"**, International Journal of Research and Analytical Reviews (IJRAR) (UGC Approved Journal No: 43602), Volume 10, Issue 1, March 2023.

2. Shaurya Magar, Manan Doshi, Shazia Talib and Prof. Harshal Dalvi published a book chapter entitled, **"Blockchain-based Reliable Supply Chain Management (SCM) for Vaccine Distribution and Traceability using Identity Management Approach"**, for the book "Unleashing the Potentials of Blockchain Technology for Healthcare Industry" published by Academic Press, Elsevier, March 2023, ISBN: 978-0-323-99481-1.

May

1. Dr. Monika Mangla, **"Students' Feedback- An effective tool towards enhancing the Teaching Learning Process"**, accepted in Scalable Information Systems (SCOPUS Indexed), DOI: https://doi.org/10.4108/eetsis.3347, March 2023.

Paper Published in National / International Conferences

November	5
December	8
January	1
March	1
May	1
TOTAL	**16**

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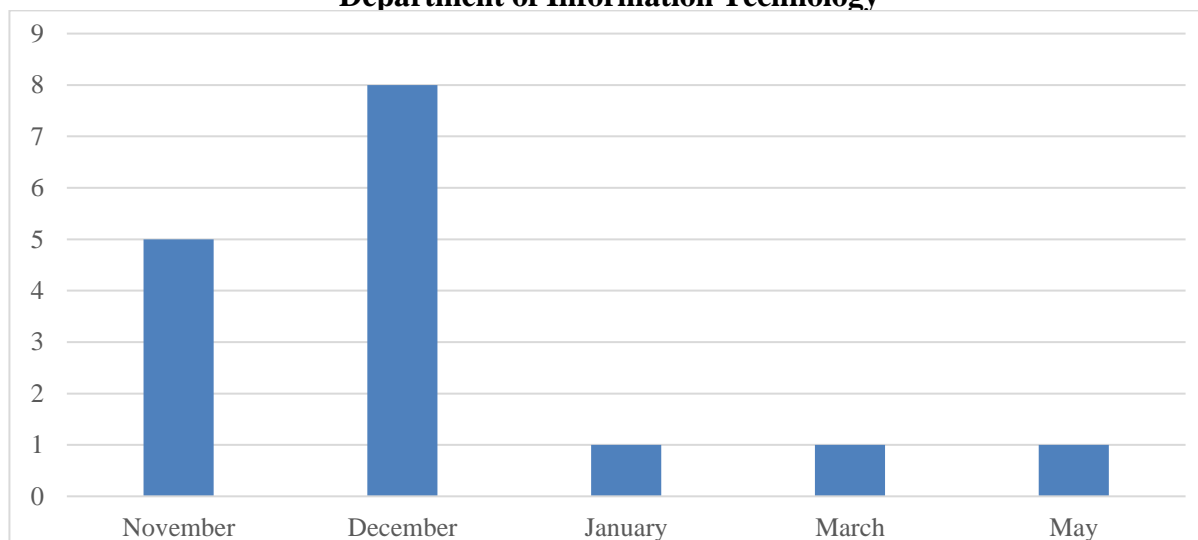
November

1. Dr. Monika Mangla, **"Inferential Analysis of Amazon's Top 50 Bestselling Book"**, 1st International Conference on Applied Data Science and Smart Systems, November 2022. (Received Best Paper Award).

2. Shivam Vora, Alankrit Arya, Chaitanya Kumbhar and Harshal Dalvi, **"An AI-Based Adaptive Assessment System for Effective Campus Placement Process Management"**, 1st International Conference on Applied Data Science and Smart Systems, November 2022.

3. Dr. Monika Mangla, **"Online Transaction Fraud Detection Using Machine Learning"**, 1st International Conference on Applied Data Science and Smart Systems, November 2022.

4. Dr. Monika Mangla, **"Inferential Statistics and Visualization Analysis of Automobile Industry"**, 1st International Conference on Applied Data Science and Smart Systems, November 2022.

5. Dr. Monika Mangla, **"Regression Analysis & Visualization of Twitch Dataset"**, 3rd International Conference Issues & Challenges in Intelligent Computing Techniques sponsored by IEEE, November 2022.

December

1. Shruti Solani, Bhavya Thakkar, Raj Shah and Neha Katre, **"Philomath: Intelligent Tutoring System for Mathematics"**, 5th IEEE International Conference on Advances in Science and Technology (ICAST), December 2022.

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2. Sannidhi Rao, Harshal Dalvi, Dr. Meera Narvekar, Shikha Mehta, Shreya Kulkarni and Neha Katre, **"A Study of LIME and SHAP Model Explainers for Autonomous Disease Predictions"**, 4th IEEE Bombay Section Signature Conference IBSSC 22, December 2022.

3. Om Naik, Nimai Patel, Sabir Ali Baba and Harshal Dalvi, **"Decentralized Ride Hailing System using Blockchain and IPFS"**, 4th IEEE Bombay Section Signature Conference IBSSC 22, December 2022.

4. Manan Doshi, Harsh Shah and Neha Katre, **"ROI based Real-Time Straight-Line Detection using Canny Edge Detector and masked Bitwise Operator"**, 4th IEEE Bombay Section Signature Conference IBSSC 22, December 2022. (Best Paper Award and cash prize - Rs. 5000/-).

5. Dr. Monika Mangla, **"Multivariate Analysis and Comparison of Machine Learning Algorithms: A case study for cereals of America"**, EAI International conference on Intelligent Systems and Machine Learning, December 2022. (Best Paper Award).

6. Dr. Monika Mangla, **"Machine Learning Techniques for Aspect Analysis of Employee Attrition"**, EAI International conference on Intelligent Systems and Machine Learning, December 2022.

7. Dr. Monika Mangla, **"Analysis and Visualization of Heart Failure Prediction Dataset"**, 4th International Conference on Artificial Intelligence and Speech Technology, December 2022.

8. Dr. Monika Mangla, **"Analysis and Visualization of Netflix Shows"**, 4th International Conference on Artificial Intelligence and Speech Technology, December 2022.

January

1. Dr. Monika Mangla, **"Inferential Statistics and Visualization Techniques for Aspect Analysis" in 1st international conference on Advanced innovations in smart cities"**, 1st International Conference on Advanced Innovations in Smart Cities (ICAISC), January 2023.

March

1. Richa Sharma and Dr. Monika Mangla, **"Machine Learning Models for Loan Prediction using Prosper Score"**, 1st International Conference on Multidisciplinary Research and Innovation, March 2023. (Best paper Award)

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May

1. D. Khajuria, A. Sharma, N. Sharma and M. Mangla, **"Classification and Comparative Analysis of Earth's Nearest Objects using Machine Learning Models"**, 2023 10th International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2023, pp. 16-23.

Interaction of Faculty with Outside World

1. Dr. Monika Mangla got appointed as Subject Expert by Shah & Anchor Kutchhi Engineering college for the subject of Data Structure under the Cyber Security Program.

2. Dr. Monika Mangla delivered an Expert talk on Technical Paper Writing at Xavier Institute of Engineering on 19th September 2022.

3. Prof. Harshal Dalvi was invited as a Judge in HackOver 3.0 hackathon, organized by Computer Society of India (CSI), Google Developers Club (GDSC), Game Developers Association (GDA) and E-Cell Councils of FR. CRCE on 4th and 5th October 2022.

4. Dr. Vinaya Sawant was invited as an Academic Expert to conduct External Academic Audit at Xavier Institute of Engineering (XIE), Mahim on 7th December 2022.

5. Prof. Neha Katre was a Reviewer of the papers for the 4th IEEE Bombay Section Signature Conference (IBSSC-2022) held during 8th to 10th December 2022.

6. Dr. Monika Mangla was a Reviewer for 4th IEEE Bombay Section Signature Conference (IBSSC-2022) held during 8th to 10th December 2022

7. Prof. Harshal Dalvi was a Reviewer of the papers for the 4th IEEE Bombay Section Signature Conference (IBSSC-2022) held during 8th to 10th December 2022.

8. Dr. Monika Mangla was invited as Session chair at the EAI International conference on Intelligent Systems and Machine Learning organized by Vardhman College of Engineering during 16th and 17th December 2022.

9. Prof. Harshal Dalvi was a Program Committee Member and Reviewer in the International Conference on Communication and Intelligent System held online by National Institute of Technology, Delhi during 19th and 20th December 2022.

10. Dr. Vinaya Sawant was invited as an Expert of the interview panel for the post of Research Scientist in CS and IT at SAMEER, IIT Powai on 11th January 2023.

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Department of Information Technology

11. Prof. Harshal Dalvi has been appointed as a Treasurer and a member of an Executive Committee of IEEE Bombay Section's Industry Relations & Entrepreneurship Committee for the year 2023- 2024.

12. Prof. Stevina Correia delivered an Expert session on Java and Advanced Java at Universal College of Engineering on 7th February 2023.

13. Prof. Harshal Dalvi was appointed as a Program Committee Member and Reviewer in the 3rd International Conference on Computer Vision and Robotics (CVR 2023) organized by Babu Banarasi Das University, Lucknow, India - technical sponsored by Soft Computing Research Society held during 24th and 25th February 2023.

14. Prof. Stevina Correia was a reviewer of the papers for the 3rd International Conference on Computer Vision and Robotics (CVR 2023) organized by Babu Banarasi Das University, Lucknow, India - technical sponsored by Soft Computing Research Society held during 24th and 25th February 2023.

15. Dr. Monika Mangla delivered an Expert talk "How to write Research Papers and selection of Appropriate Journals" at Xavier Institute of Engineering on 3rd March 2023.

16. Dr. Monika Mangla was invited as Session chair at the International conference ICRMIR-2023 organized by Lokmanya Tilak College of Engineering, Navi Mumbai during 17th and 18th Mar, 2023.

17. Dr. Monika Mangla has received the Certificate of Excellence as a Reviewer, from Journal of Research in Computer Science.

18. Dr. Monika Mangla has been a member of Syllabus Setting committee for Supervisory Control and Data acquisition (SCADA) Security Cyber Security for Final Year Engineering, University of Mumbai.

19. Dr. Monika Mangla has been a Reviewer and Technical Program Committee Member for the 2nd International Conference on Intelligent Systems and Machine Learning ICISML 2023 on May 23.

20. Prof. Harshal Dalvi worked as a Volunteer for IEEE Bombay Section's 1st IEEE Sustainable Smart Lighting World Conference & Expo (LS18) organized at the MPSTME, Mumbai from 8th and 10th June 2023.

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

September	7
October	1
November	11
December	2
February	10
March	1
April	11
May	2
TOTAL	**45**
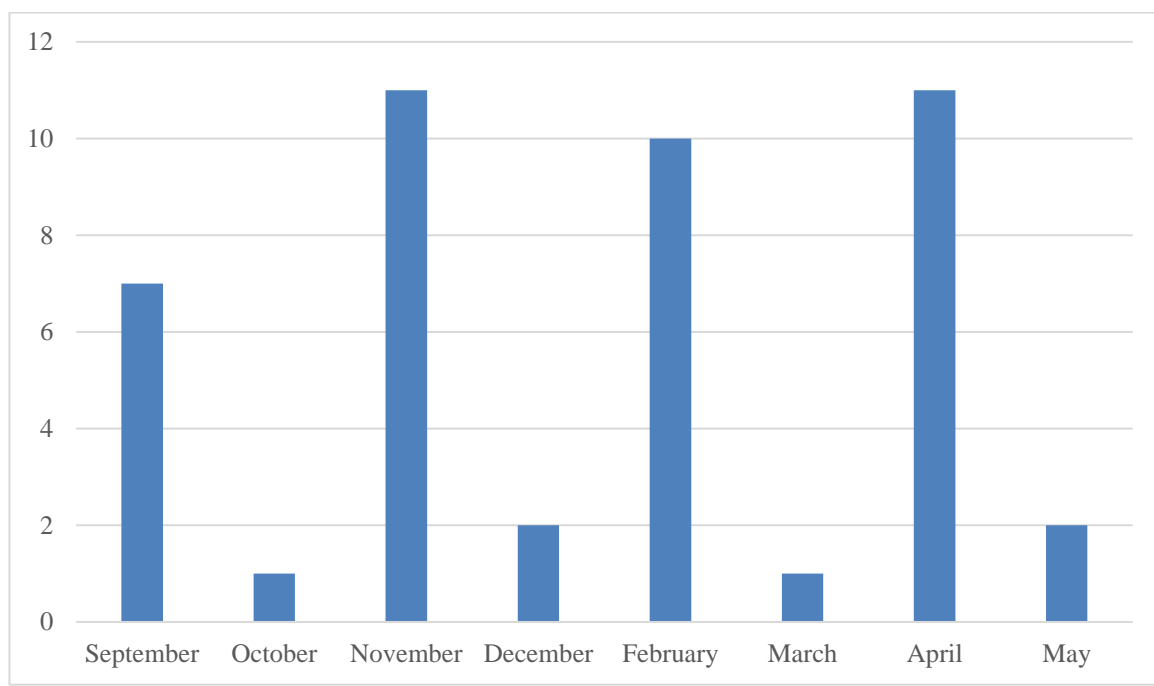
September

1. An orientation session was organized for the S.Y.B.Tech. students on 6th September 2022 from 10:45-11:30 am in the Seminar Hall.

2. An orientation session on Internship policy was organized by Prof. Harshal Dalvi and Prof. Richa Sharma on 10th September 2022 for T.Y. B.Tech. Div A students from 1 to 2 pm in

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classroom no 22 and for T.Y. B.Tech. Div B students from 8.30- 9.30 am in classroom no 23.

3. An orientation session on Internship policy was organized by Prof. Richa Sharma on 12th September 2022 for final year B.Tech. students from 12.30 to 1.30 pm classroom no 24.

4. An orientation session on Internship policy was organized by Prof. Richa Sharma on 15th September 2022 for S.Y.B.Tech. Div A students from 10:00- 11:00 am in classroom no 22 and on 16th September for S.Y. B.Tech. Div B students from 12:00- 1:00 pm in classroom no 23.

5. An orientation session for IPD -I was organized by Prof. Prachi Tawde for second year students on 15th September 2022. The session enabled students to understand the process of the IPD course and the timeline for the same.

6. An orientation session for second year students was conducted by final year students on "Pathway for next three years in Engineering" to help the students understand the process of choosing master's program or placements. The session was conducted by Om Naik, Shivam Vora & Dhrumil Thakore who mentored the students for different job roles and their prerequisites, importance of subjects and internships etc.

7. An orientation session was conducted by the Department of IT, to demonstrate the novel projects to second year students for enabling them to understand the process of project topic selection and development. The session was conducted by group of following Final year IT students: Shaurya Magar, Naitik Vora, Om Naik, Rashi Lodha and Shazia Talib.

October

1. DJINIT.AI conducted a session "Introduction to Python I – Basics" on 13th October 2022 from 4:30-5:30 pm. The session was conducted by Karna Mehta and Sairaaj Surve.

November

1. DJSCE-CSI organized a session on "Git for Geeks: Second Commits" on 2nd November 2022 from 2:00 pm to 4:00 pm. There were 120 participants for the session.

2. Research and Development club conducted a session "Introduction to Microsoft Word and PowerPoint" on 5th November 2022 from 12.00-1.00 pm for S.Y. B. Tech students. The session was conducted by Om Naik, Manan Doshi, Jainam Rambhia, Shaurya Magar.

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3. DJINIT.AI conducted a session "Introduction to Python libraries – Matplotlib, Numpy and Pandas" on 5th November 2022 from 1:30-2:30 pm. The session was conducted by Pradhyuman Pandey and Prathamesh Nayak.

4. DJ Codestars organized a session on "Time and Space complexity" on 6th November 2022. The session was conducted by Bhavik Jain and Harsha Shah.

5. DJINIT.AI conducted a session "Data Analysis" on 12th November 2022 from 1:30-2:30 pm. The session was conducted by Jainil, Akash.

6. GDSC-DJSCE organized a session "Get Set GSC" on 12th November 2022 from 11:00-2:00pm. The speakers for the session were Sarrah Bastawala, Jash and Tashan Luktuke. There were 120 participants for the session.

7. DJ Codestars organized a session on "Standard Template Libraries" on 12th November 2022. The session was conducted by Parth Pawar.

8. GDSC-DJSCE organized a session "Google Cloud Career Practitioners" on 17th November 2022 from 1:00-5:00pm by Jharana Solanki. There were 121 participants for the session.

9. The Java and DBMS session was organized by Prof. Neha Katre, Prof. Stevina Correia, Prof. Priyanca Gonsalves for the students of S. Y. B.Tech. on 7th, 9th and 16th November 2022. The session was conducted by T. Y. B.Tech. students. Approximately 120 students attended the same.

10. Placement guidance talk was organized on 18th November 2022 for T.Y. B.Tech-B division. The session was conducted by B.E Students, Shivam Vora and Om Naik. Approximately 60 students attended the same.

11. Chirag Jagad, Om Naik and Dhrumil Thakore conducted a session on "Federated Machine Learning" on 28th November 2022 for T. Y. B. Tech IT students.

December

1. An expert session 'Clustering in Data Mining' was organized by Prof. Harshal Dalvi, Dr. Vinaya Sawant on 1st December 2022 from 3:30 pm- 5:30 pm for T.Y. B.Tech. students of IT department. The session was delivered by Dr. Neepa Shah and a total of 120 students attended this session.

2. An expert session on the topic 'Federated Machine Learning' was organized by Prof. Harshal Dalvi on 5th December 2022 from 12:00 - 01:00pm for T.Y.B.Tech. B division students.

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Chirag Jagad, Dhrumil Thakore and Om Naik from B.Tech. course have delivered quality content on the said topic. A total of 36 students from T.Y.B.Tech. B division attended this session.

February

1. Dr. Monika Mangla and Prof. Prachi Tawde organized a ISTE Approved one-week Faculty Development Programme on "Emerging Technologies in Machine Learning" from 30th January to 3rd February 2023, jointly organized by Department of Computer Engineering and Information Technology, DJSCE.

2. DJ Codestars organized a session on "Introduction to Greedy" on 07th February 2023.

3. DJCSI partnered with DJSCE Trinity organized "The Weekend" a two-day event on 10th and 11th February which had following events:

   10th February: Workshop on "Power BI" by Alihasan Sabuwala, "Relay Coding" technical game in which 43 teams participated, "Tech Tac Toe" an exhilarating quiz competition among the tech as well as non-tech enthusiasts, non-Tech games like "Mini Golf", "Nerf Gun", "Flip the cup" and "Basketball Pong" were conducted.

   11th February: Seminar on "Financing Your Study Abroad: Scholarships & Aid" by Open Canvas Education founder Mrs. Grishma Nanavaty, "Pixel Paranoia" a UI/ UX Competition in which 50 teams (38 offline + 12 online) participated.

4. Indian Society of Manufacturing Engineers (ISME) organized a seminar on 'Changing Trends in Management and Tips to crack GD and PI' on 16th February 2023.

5. DJ InIT.AI organized a 6-hour Datathon 'Data 2 Knowledge' on 16th February 2023 with over 43 teams (over 80 participants) participating for the event. The event was technically sponsored by Data Science Wizards, Testify AI, OGGNTECH who also judged the finals for the event.

6. DJSCE-GDSC and synapse organized a 24-hour hackathon 'Hackniche' on 17th and 18th February 2023.

7. DJ Codestars organized a session on "Tech Interview Questions" on 21st February 2023.

8. An expert session on 'Competitive Coding' was organized on 25th February 2023 for the students of S.Y.B.Tech. and T.Y.B.Tech. class of the Department of Information Technology. The session was delivered by Mr. Lekhraj Varshney (Senior Associate - JPMC

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& Co., 2015 batch alumni) under the Alumni-Student Interaction Program of the department and 68 students attended this event. The said event was coordinated by Prof. Harshal Dalvi, a member of an alumni committee.

9. Department of Information Technology organized its alumni meet - Sansmaran 2023 on 25th February 2023

10. Pre-Placement guidance talk was organized on 23rd and 27th February 2023 for T.Y. B. tech-A and B division. The session was conducted by Shiny Nair. Approximately 66-68 students attended the same.

March

1. DJ Codestars organized a hands-on session on "How To's of ICPC" on 1st March 2023. International Collegiate Programming Contest (ICPC) is a mega programming contest to solve the most real-world problems.

April

1. An expert session was organized on 1st April 2023 for S.Y. B.Tech.-IT students for guiding them on the research process and project topic selection. This session was conducted by Shivam Vora, Om Naik, Chirag Jain, Shazia Talib and Shaurya Magar.

2. An orientation Session on Coursera was organized for S.Y. B.Tech. and T.Y. B.Tech. students on 3rd April 2023.

3. Degree Distribution Ceremony -23 for 2022 batch was organized on 8th April 2023.

4. 'CodeShastra 9.0', the longest running 24-hour hackathon was organized by DJCSI on 8th April and 9th April 2023 at DJSCE.

5. DJCSI organized a 24-hour hackathon "Codeshastra 9.0" on 8th and 9th April 2023. Around 55 Teams consisting of 219 participants had participated in the same.

6. An online session was organized on 11th April 2023 for T.Y.B.Tech-IT students for guiding them on the preparation for the Code for Good competition of J.P.Morgan & Chase Company. This session was conducted by final year B.Tech. students, Chirag Jain, Ishika Choksi, Bhoomika Velani and Himanshu Harlalka.

7. DJASCII 2023, an 8th national level project competition was jointly organized by Computer and IT Department on 13th April 2023.

8. 'DJSCE Internship Fair 2023' was organized for S.Y. B.Tech. and T.Y. B.Tech. students on 13th April 2023 by DJSCE.

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9. DJSCI organized a One-to-One Mentoring Session on 13th April 2023 for S.Y. CSI Member Students.

10. DJSCI in collaboration Training and Placement Cell organized a One-to-One Mentoring Session for Internship Fair 2023 on 14th April 2023 for students across all the years and department. The session was conducted by Prof. Shirley Mathew.

11. DJ Codestars organized a competitive coding competition "Code Uncode 6.0", on 17th April 2023. The session was conducted by Parth Pawar and Lance Correia.

May

1. DJ InIT.AI organized an expert Session on 'Transfer Learning' for T.Y. BTech. students on 4th May 2023.

2. DJ InIT.AI organized an expert Session on 'Data Analysis' for S.Y. BTech. students on 5th May 2023 in an online mode.

3. Prof. Richa Sharma and Prof. Sharvari Patil organized a Hands-on Session on Python for S.Y. BTech. students on 2nd May 2023. The session was conducted by T.Y. B.Tech. students Rujuta Joshi and Shlok Mangle.

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

July	14
August	10
September	2
October	13
November	8
December	2
January	16
February	13
April	16
May	1
June	2
TOTAL	**97**

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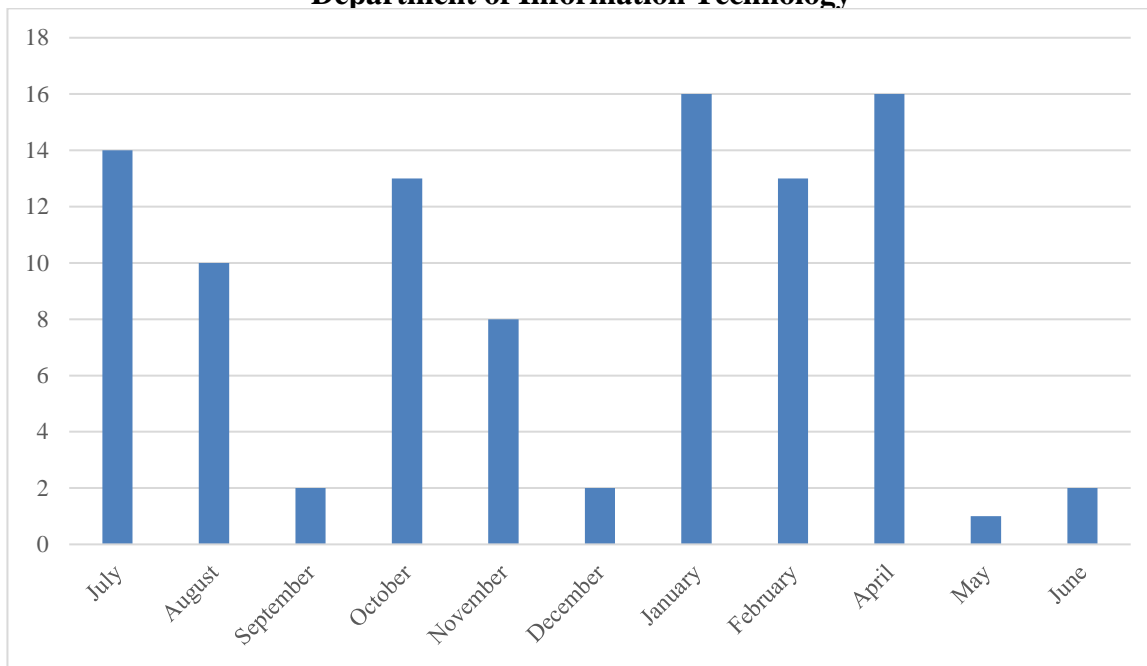
July

1. Prof. Neha Katre completed a 5-week online non-credit course on "Foundations: Data, Data, everywhere" offered by Google through Coursera on 4th July 2022.

2. Prof. Neha Katre completed an online non-credit project on "Querying Databases Using SQL SELECT statement" offered through Coursera on 5th July 2022.

3. Prof. Stevina Correia completed a 2-week online non-credit course on "AI Workflow: Business Priorities and Data Ingestion" offered by IBM through Coursera on 13th July 2022.

4. Dr. Monika Mangla completed an online non-credit course on "Programming for Everybody (Getting Started with Python)" on 13th July 2022 through Coursera.

5. Prof. Stevina Correia completed a 2-week online non-credit course on "AI Workflow: Feature Engineering and Bias Detection" offered by IBM through Coursera on 14th July 2022.

6. Prof. Richa Sharma attended a talk on "NEP 2020: Promises and Challenges" by Brigadier (Dr) Srinivasan Morappakkam on 20th July 2022 organized by SVKM.

7. Dr. Vinaya Sawant completed a 5-week online non-credit course on "Foundations: Data, Data, everywhere" offered by Google through Coursera on 21st July 2022.

8. Dr. Vinaya Sawant completed a 4-week online non-credit course on "Ask Questions to Make Data-Driven Decisions" offered by Google through Coursera 25th July 2022.

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9. Prof. Neha Katre completed a 4-week online non-credit course on "Ask Questions to Make Data-Driven Decisions" offered by Google through Coursera on 30th July 2022.

10. Prof. Richa Sharma attended a talk on "Managing Work Life Balance" by Shruti Singh Dhavan on 30th July 2022 organized by SVKM.

11. Dr. Monika Mangla successfully completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's innovation cell & AICTE.

12. Prof. Sharvari Patil successfully completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's innovation cell & AICTE.

13. Dr. Monika Mangla successfully completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's innovation cell & AICTE.

14. Prof. Neha Agarwal successfully completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's innovation cell & AICTE.

August

1. Prof. Stevina Correia completed a 5-week online non-credit course on "Foundations: Data, Data, everywhere" offered by Google through Coursera on 1st August 2022.

2. Prof. Stevina Correia completed a 4-week online non-credit course on "Ask Questions to Make Data-Driven Decisions" offered by Google through Coursera on 2nd August 2022.

3. Prof. Prachi Tawde completed a 3-week online non-credit course on "Introduction to Machine Learning in Production" offered by DeepLearning.AI through Coursera on 3rd August 2022.

4. Prof. Neha Katre completed an online non-credit project on "Visualization for Statistical Analysis" offered through Coursera on 4th August 2022.

5. Prof Richa Sharma attended 2 days I & E Exposure visit cum Training Program at MIT - ADT Atal Incubation Center under DJSCE Entrepreneurship Cell on 12th and 13th August 2022.

6. Prof. Neha Katre completed a 5-week online non-credit course on "Introduction to Data Analytics" offered by IBM Skills Network through Coursera on 25th August 2022.

7. Prof. Neha Agarwal successfully completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's innovation cell & AICTE.

8. Prof. Prachi Tawde successfully completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's innovation cell & AICTE.

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9. Prof. Prachi Tawde successfully completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's innovation cell & AICTE.

10. Prof. Sharvari Patil successfully completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's innovation cell & AICTE.

September

1. Prof. Richa Sharma successfully completed Innovation Ambassador Training "Foundation Level" conducted in online mode by MoE's innovation cell & AICTE.

2. Prof. Richa Sharma successfully completed Innovation Ambassador Training "Advanced Level" conducted in online mode by MoE's innovation cell & AICTE.

October

1. Prof. Stevina Correia successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an Elite certificate.

2. Prof. Neha Agarwal successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an Elite certificate.

3. Prof. Sharvari Patil successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an Elite certificate.

4. Prof. Richa Sharma successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an Elite certificate.

5. Prof. Priyanca Gonsalves successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an Elite certificate.

6. Dr. Monika Mangla successfully completed an 8-week NPTEL course (July-September 2022) on 'Introduction to machine learning' with an (Elite + Silver) certificate.

7. Prof. Stevina Correia successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

8. Prof. Sharvari Patil successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

9. Prof. Richa Sharna successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

10. Prof. Priyanca Gonsalves successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

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11. Prof. Neha Agarwal successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

12. Dr. Monika Mangla successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

13. Prof. Prachi Tawde successfully completed an NPTEL-AICTE FDP of 8 weeks on "Introduction to machine learning".

November

1. Prof. Sweedle Machado completed a guided project on "Working with Big Data through Coursera on 16th November 2022.

2. Prof. Sweedle Machado completed a 5-week online non-credit course on "Introduction to Big Data with Spark and Hadoop" offered by IBM through Coursera on 17th November 2022.

3. Prof. Sweedle Machado successfully completed a NPTEL-AICTE FDP of 8 weeks on "Big Data Computing".

4. Prof. Sweedle Machado successfully completed an 8-week NPTEL course (August-October 2022) on 'Big Data Computing' with an (Elite + Silver) certificate.

5. Prof. Sharvari Patil successfully completed a 4-week course on "Blockchain Basics" an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera on 24th November 2022.

6. Prof. Richa Sharma successfully completed an 8-week NPTEL course (August-October 2022) on 'Ethics in Engineering Practice' with an (Elite + Silver) certificate.

7. Prof. Richa Sharma successfully completed an 8-week FDP course on 'Ethics in Engineering Practice' with an (Elite + Silver) certificate.

8. Prof. Richa Sharma successfully completed an 8-week NPTEL course (August-October 2022) on 'Accreditation and Outcome based Learning' with an (Elite + Silver) certificate.

9. Prof. Richa Sharma successfully completed an 8-week FDP course on 'Accreditation and Outcome based Learning' with an (Elite + Silver) certificate.

10. Prof. Richa Sharma successfully completed a 12-week NPTEL course (July-October 2022) on 'Software Engineering' with a certificate.

11. Prof. Richa Sharma successfully completed a 12-week FDP course (July-October 2022) on 'Software Engineering' with a certificate.

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December

1. Dr. Monika Mangla and Prof. Neha Katre attended the Panel of Conference Organizers (POCO) - 2022 organized by IEEE Bombay Section on 8th December 2022.

2. Prof. Neha Katre attended a session on "Research collaboration, Research publication Ethics and Misconduct: Case studies" on 10th December 2022. The instructor was Ms. Munira Momin. The session was organized by SVKM's Dr. Bhanuben Nanavati College of Pharmacy.

January

1. Prof. Sweedle Machado attended a one-week ISTE approved Faculty Development Program on "Blockchain and DLT" from 2nd to 07th January 2023 organized by Xavier's Institute of Engineering, Mahim, Mumbai.

2. Prof. Priyanca Gonsalves attended a one-week ISTE approved Faculty Development Program on "Blockchain and DLT" from 2nd to 07th January 2023 organized by Xavier's Institute of Engineering, Mahim, Mumbai.

3. Prof. Richa Sharma has successfully completed ISTE approved one week online short-term training program on "DevOps Engineering", organized by Department of Computer Engineering, in association with CSI RAIT, technically approved by IETE, Navi Mumbai during 2nd to 7th January 2023.

4. Prof. Sharvari Patil attended a one-week ISTE approved Faculty Development Program on "Blockchain and DLT" from 2nd to 07th January 2023 organized by Xavier's Institute of Engineering, Mahim, Mumbai.

5. Prof. Neha Agarwal has successfully completed ISTE approved one week online short-term training program on "DevOps Engineering", organized by Department of Computer Engineering, in association with CSI RAIT, technically approved by IETE, Navi Mumbai during 2nd to 7th January 2023.

6. Prof. Neha Katre attended a one-week Faculty Development Program on "AI based Nature Inspired Optimization Methods" from 9th to 14th January 2023 organized by Jhulelal Institute of Technology, Nagpur in collaboration with Dr. Vishwanath Karad MIT World Peace University, Pune.

7. Prof. Harshal Dalvi attended a one-week Faculty Development Program on "AI based Nature Inspired Optimization Methods" from 9th to 14th January 2023 organized by Jhulelal

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

Department of Information Technology

Institute of Technology, Nagpur in collaboration with Dr. Vishwanath Karad MIT World Peace University, Pune.

8. Prof. Anushree Patkar attended a two-week ISTE approved STTP on "Data science and Python" from 16th to 28th January 2023 organized by College of Engineering and technology, Akola.

9. Prof. Monali Sankhe attended a two-week ISTE approved STTP on "Data science and Python" from 16th to 28th January 2023 organized by College of Engineering and technology, Akola.

10. Prof. Sweedle Machado attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023 jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

11. Prof. Anushree Patkar attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023, jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

12. Dr. Vinaya Sawant attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023, jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

13. Prof. Neha Katre attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023, jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

14. Prof. Neha Agarwal attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023 jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

15. Prof. Monali Sankhe attended a session on "IP Awareness/Training" under National Intellectual Property Awareness Mission on 20th January 2023, jointly organized by Intellectual Property Office and MoE's Innovation Cell, India.

16. Prof Richa Sharma successfully completed a 5-week course on "Symmetric Cryptography" offered by University of Colorado System through Coursera.

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February

1. Prof. Vinaya Sawant, Prof. Monika Mangla, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Stevina Correia, Prof. Neha Agrawal, Prof. Prachi Tawde, Prof. Sharvari Patil, Prof. Richa Sharma, Prof. Sweedle Machado, Prof. Priyanca Gonsalves, Prof. Anushree Patkar and Prof. Monali Sankhe attended a ISTE Approved one-week Faculty Development Programme on "Emerging Technologies in Machine Learning" from 30th January – 3rd February 2023, jointly organized by Department of Computer Engineering and Information Technology, DJSCE.

April

1. Prof. Stevina Correia successfully completed an 8-week NPTEL course (January-March 2023) on 'Data Mining' with an Elite + Gold certificate. She was in the top 2% out of 4368 candidates certified in this course.

2. Prof. Stevina Correia successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

3. Prof. Sweedle Machado successfully completed an 8-week NPTEL course (January-March 2023) on 'Data Mining' with an (Elite + Silver) certificate. She was in the top 5% out of 4368 candidates certified in this course.

4. Prof. Sweedle Machado successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

5. Prof. Neha Agarwal successfully completed an 8-week NPTEL course (January-March 2023) on 'Data Mining' with an (Elite + Gold) certificate. She was in the top 2% out of 4368 candidates certified in this course.

6. Prof. Neha Agarwal successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

7. Dr. Monika Mangla successfully completed an 8-week NPTEL course (Jan-March 2023) on 'Data Mining' with an (Elite + Silver) certificate.

8. Dr. Monika Mangla successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

9. Prof. Monali Sankhe successfully completed an 8-week NPTEL course (January-March 2023) on 'Data Mining' with an (Elite +Silver) certificate.

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10. Prof. Monali Sankhe successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

11. Prof. Anushree Patkar successfully completed an 8-week NPTEL course (January-March 2023) on 'Data Mining' with an (Elite +Silver) certificate.

12. Prof. Anushree Patkar successfully completed a NPTEL-AICTE FDP of 8 weeks on "Data Mining".

13. Prof. Neha Katre successfully completed a 12-week NPTEL course (January-April 2023) on "Computer Networks and Internet Protocol" with an (Elite+Silver) certificate. She was in the top 5% out of 3082 candidates certified in this course.

14. Prof. Neha Katre successfully completed a NPTEL-AICTE FDP of 12 weeks on "Computer Networks and Internet Protocol".

15. Prof. Sharvari Patil successfully completed a 12-week NPTEL course (January-April 2023) on "Blockchain and its Applications" with an (Elite) certificate.

16. Prof. Sharvari Patil successfully completed a NPTEL-AICTE FDP of 12 weeks on "Blockchain and its Applications".

May

1. Prof. Neha Katre completed an online non-credit project on "Deep Learning with Pytorch: Image Segmentation" offered by Coursera Project Network on 30th May 2023.

June

1. Prof. Sharvari Patil completed a course on React.js Essential Training on Linkedin Learning.

2. Prof. Sharvari Patil completed an online FDP on "Machine Learning-In Practice" from 19th to 24th June 2023 organized by the Department of Information Technology, Lakireddy Bali Reddy College of Engineering, Mylavaram, NTR Dt, Andhra Pradesh.

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Seminars/Workshops/FDP/STTP attended by Non-Teaching Staff Members

1. Ms. Sangeeta Pawar attended a webinar on "Awareness of suicide prevention" on 8th October 2022. The speaker was Mrs. Anuradha Kavuri.

2. Ms. Sangeeta Pawar attended a webinar on "Dealing with allergies" on 21st October 2022.

Patents / Copyrights published

1. Copyright registered for Dr. Vinaya Sawant titled "**Gym Shastra**" by the Copyright Office, Government of India on 20th July 2022.

2. Copyright registered for Prof. Neha Katre titled "**WWMODULE**" by the Copyright Office, Government of India on 22nd September 2022.

3. Copyright registered for Prof. Neha Katre titled "**Shortest Path Algorithm that Covers All Nodes in a Graph**" by the Copyright Office, Government of India on 7th February 2023.

4. Copyright registered for Chirag Jain, Parth Narechania, Ayush Attawar and Dr. Vinaya Sawant titled "**Hybrid Based Course Recommendation System**" by the Copyright Office, Government of India on 7th February 2023.

5. Copyright registered for Riddham Gada, Rushank Shah, Shashank Varshney and Dr. Vinaya Sawant titled "**Automated Database and API Management**" by the Copyright Office, Government of India on 7th February 2023.

6. Copyright registered for Harshil Bhorawat, Hritik Sawant, Rutwik Shah and Dr. Vinaya Sawant titled "**Intelligent Devanagari Word Recognizer**" by the Copyright Office, Government of India on 20th September 2022.

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ACTIVITIES IN THE DEPARTMENT (July 2022-June 2023)

Paper published in National/International Journals	21
Paper published in National/International Conference	16
Book Publication	02
Interaction of Faculty with Outside World	20
Seminars/Workshops attended by Faculty Members	85
Seminars/Workshops attended by Non-teaching Staff Members	02
Seminars/Workshops organized in the Department	45
Patents / Copyrights published	6
TOTAL	**197**

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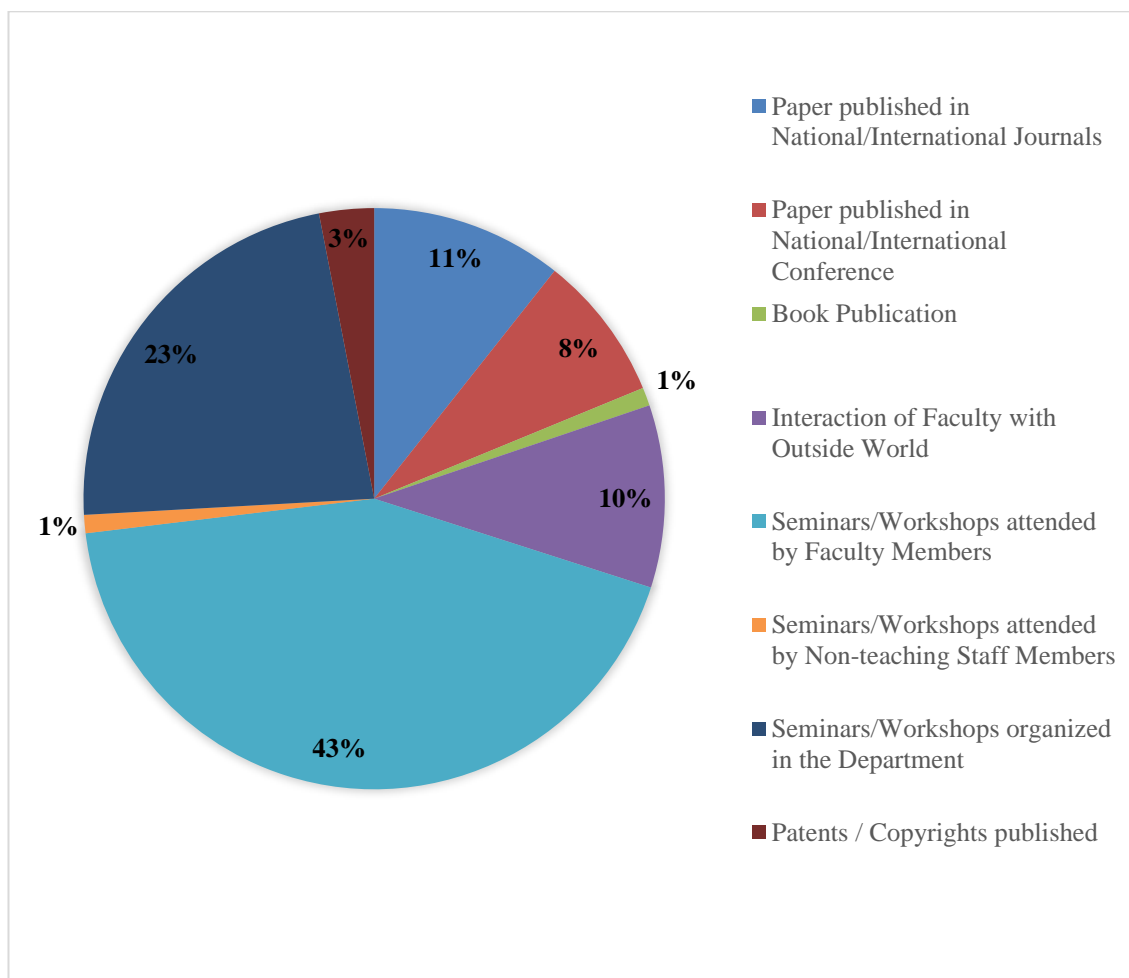
Department of Information Technology
<u>Placement Record July 2022- April 2023</u>

No. of Students placed in different companies in A.Y. 2022-23
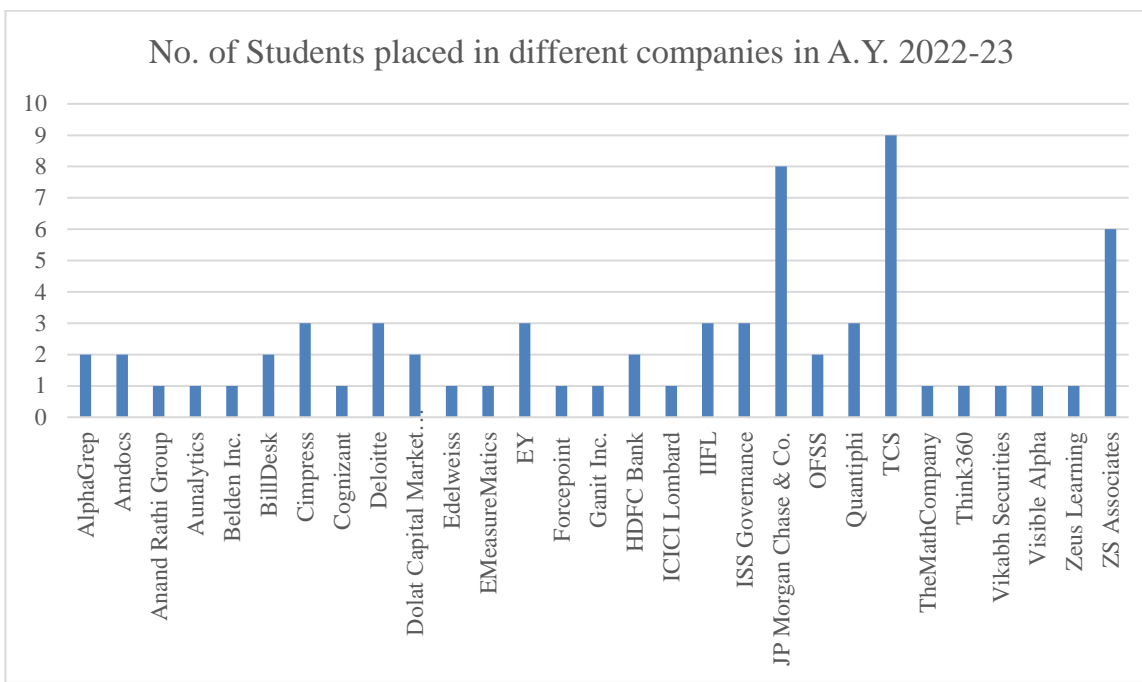
<u>Students Placed in different categories of Companies</u>

Categorywise Statistics A.Y: 2022-23
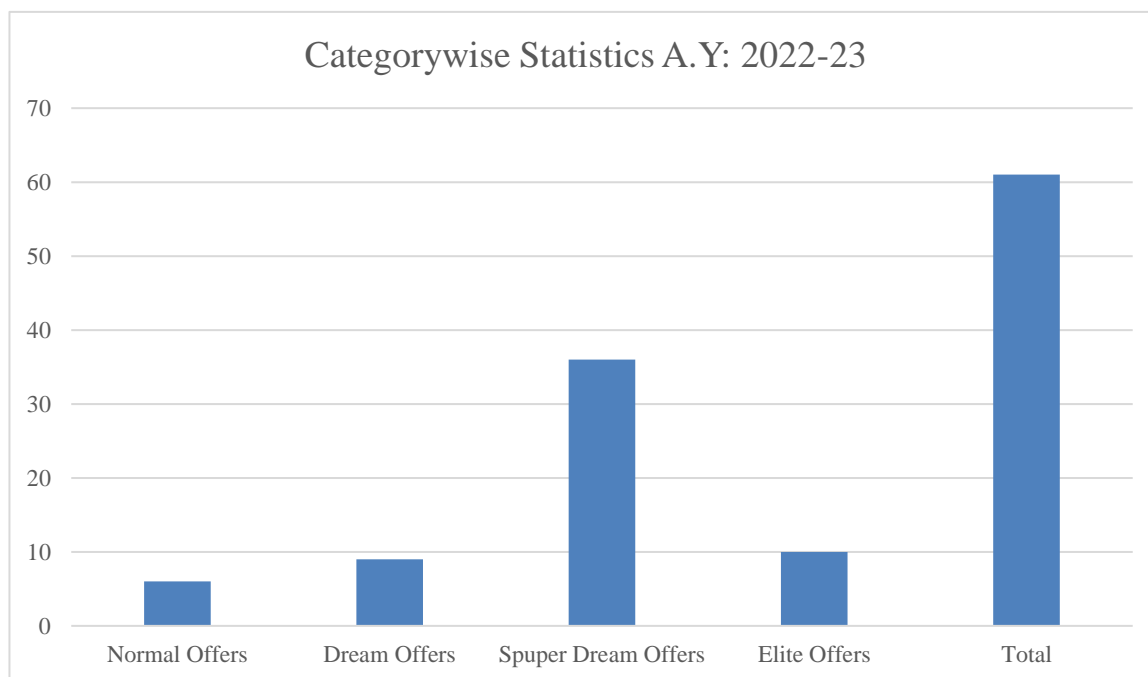
Department of Information Technology
Count of Students opting for Placement and Higher Studies

Overall Statistics A.Y. 2022-23

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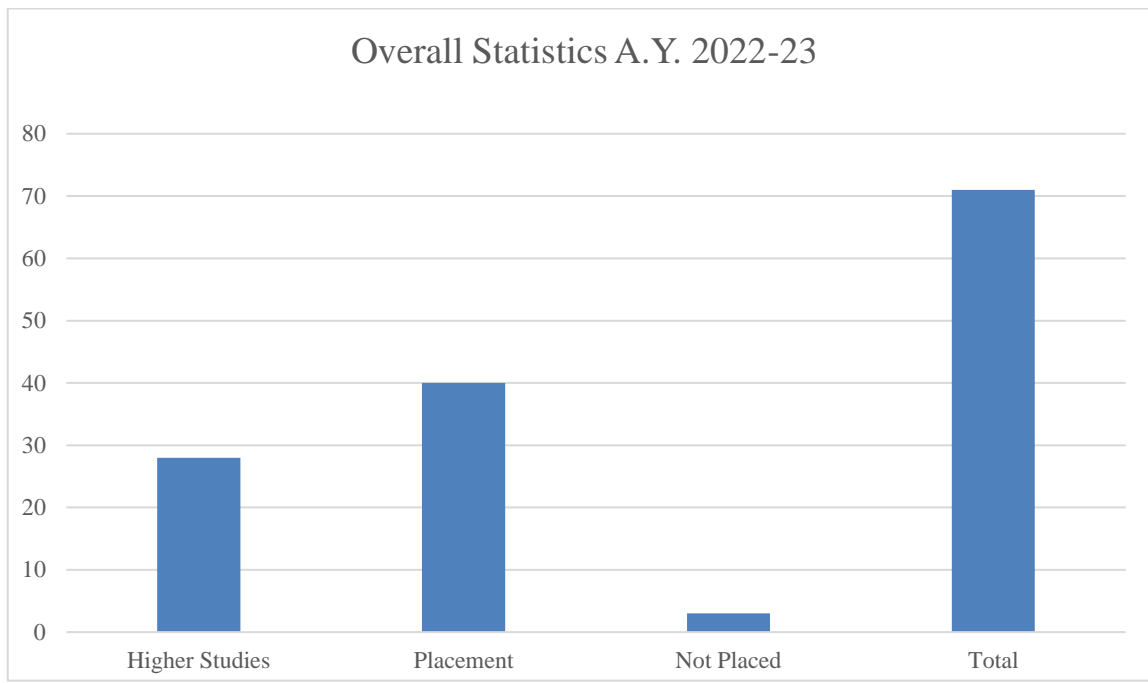
Department of Information Technology
Result Analysis

Final Year BTech

Semester VIII (2022-23)

CGPA	No of students
9 - 10	43
8 - 9	24
7 - 8	2
6 - 7	-
5 - 6	-
Fail	1

Percentage Result: number of students passed / total number of students= **70/71 = 98.59%**

List of rankers

Sr. No	Name of Student	CGPA
1	Jain Chirag Dinesh Jayshree	9.67
2	Naik Om Dilip Shraddha	9.59
3	Vora Naitik Nigam Bhavini	9.58
4	Deo Aditi Pralhad Sneha	9.55
4	Chokshi Ishika Rajiv Shilpi	9.55
5	Jagad Chirag Chetan Geeta	9.54
6	Shah Jenil Manish Yesha	9.53
7	Jhaveri Devanshi Kaushal Heena	9.47
8	Attawar Ayush	9.46
9	Harlalka Himanshu Vinod Anju	9.45
10	Vora Shivam Viresh Rupa	9.43

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Department of Information Technology
T.Y. BTech

Semester VI (2022-23)

CGPA	No of students
9 - 10	70
8 - 9	56
7 - 8	11
6 - 7	1
5 - 6	2
Fail	2

Percentage Result: number of students passed / total number of students = **98.57 %**

List of rankers

Sr. No	Name of Student	CGPA
1	Mulchandani Bhavna Ajay Geeta	9.95
2	Patel Mayank Manish Rohini	9.81
3	Gor Bhavya Bhavesh Jigna	9.76
3	Doshi Sakshi Kirit Jullie	9.76
4	Brahmbhatt Yash Premal Payal	9.71
5	Jain Jayneet Ashish Rita	9.67
5	Dedhia Ronik Mehul Hemal	9.67
6	Makadia Dev Tarun Rupal	9.62
6	Sheth Pusti Samir Pinky	9.62
7	Shah Harsh Divesh Rupa	9.57
8	Shah Yash Nilesh Pinal	9.52
7	Shah Jinish Raju Bansari	9.52
8	Deorukhkar Riya Dilip Jyoti	9.52
8	Waghela Aayushi Yagnesh Vaishali	9.52

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8	Kudalkar Dhruv Ashutosh Swati	9.52
8	Gattani Ashray Ashish Shraddha	9.52
9	Anam Preet Bankim Bhavna	9.48
9	Kubadia Mihika Amit Varsha	9.48
9	Kotey Ardon John Neelam	9.48
10	Nagpure Meghesh Nandkumar Sunanda	9.43
10	Zatakia Vashisth Manish Komal	9.43
10	Naik Priyanka Subbayya Prema	9.43
10	Desai Vraj Dharmesh Ragini	9.43
10	Chheda Akshit Jayant Varsha	9.43
10	Mistry Tanya Sachin Aarti	9.43

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Department of Information Technology
S.Y. BTech

Semester IV (2022-23)

CGPA	No of students
9 - 10	12
8 - 9	70
7 - 8	28
6 - 7	9
5 - 6	1
Fail	18

Percentage Result: number of students passed / total number of students = **86.95 %**

List of Rankers:

Sr. No	Name of Student	CGPA
1	Shah Jay Jayesh Kavita	9.29
2	Rane Amey Vijay Sneha	9.17
3	Shah Preksha Tejas Kinnari	9.13
4	Singh Gurjit Sinder Harvinder	9.13
5	Shah Rhythm Ravi Reena	9.08
6	Shah Khushi Hiren Hetal	9.08
7	Bavishi Mithil Jayesh Rupa	9.04
8	More Arnav Amod Suchita	9.04
9	Naik Vaishnavi Tushar Chitralekha	9.00
10	Shah Jeniel Mitesh Rakhi	8.96
11	Shah Darsh Bankim Dipti	8.96

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Faculty Achievements

1. Prof. Sharvari Patil published a book titled "**Infrastructure Security**" with Tech-Neo Publications (ISBN: 978-93-5583-193-4).

2. Dr. Monika Mangla edited a book titled "**Challenges and Opportunities for Deep Learning Applications in Industry 4.0**" published by Bentham Science.

3. Prof. Richa Sharma is recognized as **NPTEL Believer** in July-Dec 2022.

4. Prof. Sharvari Patil published a book titled "**Cyber Security**" with Tech-Neo Publications.

5. Prof. Richa Sharma and Dr. Monika Mangla won best paper award **"Machine Learning Models for Loan Prediction using Prosper Score"**, 1st International Conference on Multidisciplinary Research and Innovation, March 2023.

Student Achievements

1. Ayush Shah, Jash Shah and Tanmai Kamat, students of S.Y. B.Tech IT, got selected for an internship at Harvard.

2. Himanshu Harlalka, student of T.Y.B.Tech IT got offered one of the three entry-level roles at Infosys- Digital Specialist Engineer (DSE) through InfiTQ.

3. Shrey Shah, student of T.Y.B.Tech IT won MATCHO.TRIATHLON 2023 by TheMathCompany and was selected in the top 6 performers.

4. Rashi Lodha, Shaurya Magar, Shazia Talib got featured amongst ET Campus Star 5.0 2022.

5. Team Blackwing, comprising Yash Brahmabhatt, student S.Y.B.Tech IT, won the first prize of Rs. 1 Lakh in SIH- 2022 at nodal center - GMR Institute of Technology, Andhra Pradesh.

6. Team Tech Pirates01 comprising Jay Thadeshwar (B.Tech IT), Chaitanya Khumbhar (B.Tech IT), Jenil Shah (B.Tech IT), Hetvi Jain (B.Tech IT), Jainam Rambhia (B.Tech IT), Manan Doshi (B.Tech IT) and mentor, Prof. Prachi Tawde won the first prize of Rs. 1 Lakh in SIH- 2022 at nodal centre - ACS College of Engineering, Bengaluru, Karnataka.

7. Team Nerd.js comprising Parshva Vyas (T.Y. IT), Preet Anam (T.Y. IT), Avish Jain (T.Y. IT), Saloni Shah (T.Y. IT), Richa Rokadiya (T.Y. IT), Drishti Dhingani (T.Y. IT) won the

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first prize of Rs. 1Lakh in SIH- 2022 at nodal centre - KPR Institute of Engineering and Technology, Tamil Nadu, Coimbatore.

8. Team Bug Squashers1 comprising Prerana Achar (T.Y. IT), Shlok Mangle (T.Y. IT), Mayank Patel (T.Y. IT), Pradhyuman Pandey (T.Y. IT), Bhavna Mulchandani (T.Y. IT), Bhavesh Mali (T.Y. IT) and mentor, Mr. Tejas Ved, alumni of IT depatment, won the first prize of Rs.1 Lakh in SIH- 2022 at nodal centre - PSR ENGINEERING COLLEGE, Tamil Nadu, Sivakasi.

9. Team FiatVoluntasTua comprising Ishaan Shah (T.Y. IT), Keya Gupta (T.Y. IT), Prathmesh Ghatol (T.Y. IT), Dhruv Kudalkar (T.Y. IT), Dhruv Gada (T.Y. IT), Yash Ranawat (T.Y. IT) were the SIH- 2022 GRAND FINALE - FINALIST at nodal centre - Hindusthan Institute of Technology, Coimbatore, Tamil Nadu.

10. Shivam Vora from Final Year has been selected as part of the 80 Tableau Student Ambassadors worldwide.

11. DJS Antariksh team consisting of IT students Krish Panchal, Devraj Anchan and Krish Ranawat won the Remote Edition ERC 2022 and are ranked 1st worldwide.

12. Rohit Rai, Nihar Nadoskar, Soham Thatte, Arnav More, Keyur Parmar, Fahad Siddiqui, Murtaza Shikari and Rushikesh Gadewar participated in Aryavarta, a two-day event for debates and quizzes on 7th and 8th October 2022. They won the best Department Award for the IT department.

13. Drishti Dhingani from T.Y. B. Tech. was part of the winning team at UNESCO India Africa Hackathon organized by Gautam Buddha University, Greater Noida, Uttar Pradesh from 22nd and 25th November 2023. This hackathon was an initiative by the Government of India.

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15. Copyright registered for Omkar Parab, Arnav Mishra and Prof. Neha Katre titled "WWModule" by the Copyright Office, Government of India on 22nd September 2022.

16. Paper presented by Manan Doshi and Harsh Shah at 4th IEEE Bombay Section Signature Conference IBSSC 22 jointly organized by IEEE Bombay Section and Mukesh Patel School of Technology Management from 8th to 10th December 2022 and won the Best Paper Award and a cash prize of Rs. 5000/-.

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17. Shlok Mangle, Rujuta Joshi, Pradhyuman Pandey and Vraj Desai have won the First Prize worth Rs 87,000/ in FLEET RISK BUSINESS INSIGHT CHALLENGE, organized by TECHFEST 2022, Asia's Largest Science and Technology Festival at IIT Bombay on 16th December 2022.

18. Shlok Mangle, Prerana Achar, Mayank Patel, Pradhyuman Pandey and Bhavesh Mali under the mentorship of Prof. Neha Katre participated and presented a Research Project titled Ivory Flame: An interactive 3D adventure RPG tool to create and play games that teach core logic building concepts in Engineering and Technology Category and UG Level at 17th Aavishkar: Inter-Collegiate/Institute/Department Research Convention (Zonal Round) organized by the University of Mumbai at Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai on 23rd December, 2022 for Engineering Colleges/Institutes zone. They were shortlisted for the final round to be held on 27th December 2022 at Vidyalankar Institute of Technology.

19. Aakash Goradia, Krishang Shah, Saloni Shah led by Jainil Shah have won the first place in AI/ML track in GDSC's BIT N BUILD hackathon jointly organized by Fr. Conceicao Rodrigues College of Engineering and Usha Mittal Institute of Technology on 28th and 29th January 2023.

20. Vinit Shah, Ayush Shah, Ronnit Mirgh and Hetvi Solanki have won the first place in Open innovation domain in GDSC's BIT N BUILD hackathon jointly organized by Fr. Conceicao Rodrigues College of Engineering and Usha Mittal Institute of Technology on 28th and 29th January 2023.

21. Bhavna Mulchandani, Deepti Singh and team have won the first place in Open innovation domain in GDSC's BIT N BUILD hackathon jointly organized by Fr. Conceicao Rodrigues College of Engineering and Usha Mittal Institute of Technology on 28th and 29th January 2023.

22. Ronik Dedhedia and team won first place in AIML Track in GDSC's BIT N BUILD hackathon jointly organized by Fr. Conceicao Rodrigues College of Engineering and Usha Mittal Institute of Technology on 28th and 29th January 2023.

23. Hetvi Solanki, Dristi Dhingani, Vinit shah and Avish Jain have won 1st place at TSEC HACKS' 23 and a prize money of Rs 30,000/ in a domain of social cause out of a total pool of 260+ teams on 2nd February 2023.

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24. Hetvi Solanki, Dristi Dhingani, Vinit shah and Avish Jain have won the best pitch prize at SPIT HACKATHON' 23 on 4th and 5th February 2023.

25. Hetvi Solanki, Drishti Dhingani, Vinit shah and Avish Jain won 1st place at Clash of Codes organized by DJSCE Trinity and IETE on 4th February and 5th February 2023. The Team won prize money of Rs 40, 000/. A Total 120+ teams had participated.

26. Jhenil Parihar, Harsh Ghosalkar, Yash Joshi and Prerak Gada won 2nd place and a cash prize of Rs. 25,000/ at SPIT HACKATHON' 23 on 4th and 5th February 2023.

27. Araish Shaikh and Sanjal Ghate from SY. BTech won Pixel Paranoia (UI/UX Hackathon) on 12th February 2023.

28. Prerak Gada, Nemin Sheth, Mithil Bavishi and Shiddesh Shetty won 1st place at Unscript Rookies CRCE HACKATHON' 23 and a cash prize of Rs 14000/ in App development domain organized on 11th and 12th February 2023.

29. Hetvi Solanki and Avish Jain won second position at the DJ InT.AI Data2Knowledge (Datathon) held on 16th February 2023.

30. Mithil Bavishi and Smit Shah won the best team for the respective domain for DJ InT.AI Data2Knowledge (Datathon) held on 16th February 2023.

31. Hetvi Solanki, Drishti Dhingani, Vinit shah and Avish Jain were adjudged as the best team overall in all the domains in the event 'Clash of Codes' organized by DJSCE Trinity in collaboration with IETE-SF on 4th and 5th March, 2023.

32. Shiv Bhonde, Leander D'silva, Aadil Saudagar and Ayush Shah won 1st place in Blockchain Domain in the event 'Clash of Codes' organized by DJSCE Trinity in collaboration with IETE-SF on 4th and 5th March, 2023.

33. Yash Brahmbatt, Sakshi Pandey and Vashishth Zatakia bagged 2nd place in Blockchain Domain in the event 'Clash of Codes' organized by DJSCE Trinity in collaboration with IETE-SF on 4th and 5th March, 2023.

34. Shiv Bhonde, Leander D'silva, Aadil Saudagar and Nihal Gupta were the 2nd runner up and won the cash prize of Rs. 20000/- in the LOC Hackathon organized by DJ-ACM student chapter at DJSCE on 16th and 17th March, 2023.

35. Ashray Gattani, Dev Makadia and Pradhyuman Pandey were 1st Runner Ups of TECHANALYTICS Competition at TECHNEX'23 IIT BHU, Varanasi held between 17th and 19th March 2023.

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36. Ayush Kapadia, Krish Panchal, Sarang Kadakia and Tejas Itankar bagged 1st prize in Data Analytics Domain in DataQuest 23.

37. Hetvi Solanki, Avish Jain, Vinit Shah and Hargun Singh Chandhok were the 2nd runner up among 1800 applicants in Open Innovation domain in the KJSCE HACKS 7.0 organized by K J Somaiya College of Engineering on 1st April and 2nd April 2023.

38. Naitik Vora, Vignesh Iyer and Rohan Pramanik were the winners at poster presentation held at DJASCII, an ISTE approved national level Project Competition organized by DJSCOE on 13th April 2023.

39. Hetvi Solanki, Avish Jain and Vinit Shah were invited as judges and mentors for the Hackathon 'TECHNOTHON' organized by Vivekanand Education Society Polytechnic on 29th April 2023.

40. Anushka Mulik, Jinish Shah and Ronnit Mirgh were selected as India's brightest engineering minds as 'ET Campus Stars 6.0' of 2022-23 organized by Economic Times in May 23.

41. Nihal Gupta, Shlok Mangle, Bhumika Mange, Kushi Sanghavi, Prachet Shah and Om Sukla won TIAA intercollege hackathon on 4th May 2023.

42. Vinit Shah, Avish Jain, Leander D'silva, Sharvari Chawade, Soham Rane, Jenil Savla and Nihal Shaikh won TIAA intercollege hackathon on 4th May 2023.

43. Ishaan Shah, a student of T.Y.BTech IT, has been selected as a GSoC Contributor by Google.

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Photo Gallery

Degree Distribution Ceremony 2023

Alumni Meet '23- Mr. Lekhraj Varshney addressing TE students

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CodeShastra Judges with the DJCSI Core

'Data To Knowledge'- A Datathon organized by DJ InIT.AI Club

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CSI Membership Drive

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Participants presenting their project in DJASCII-2023

Mumbai, MH, India
Gulmohar Road, Vile Parle West, Mumbai,
400056, MH, India
Lat 19.107476, Long 72.837030
02/11/2023 09:03 AM GMT+05:30
Note : Captured by GPS Map Camera

Pixel Paranoia: Opening Ceremony in the 1ˢᵗ Floor Conference Room

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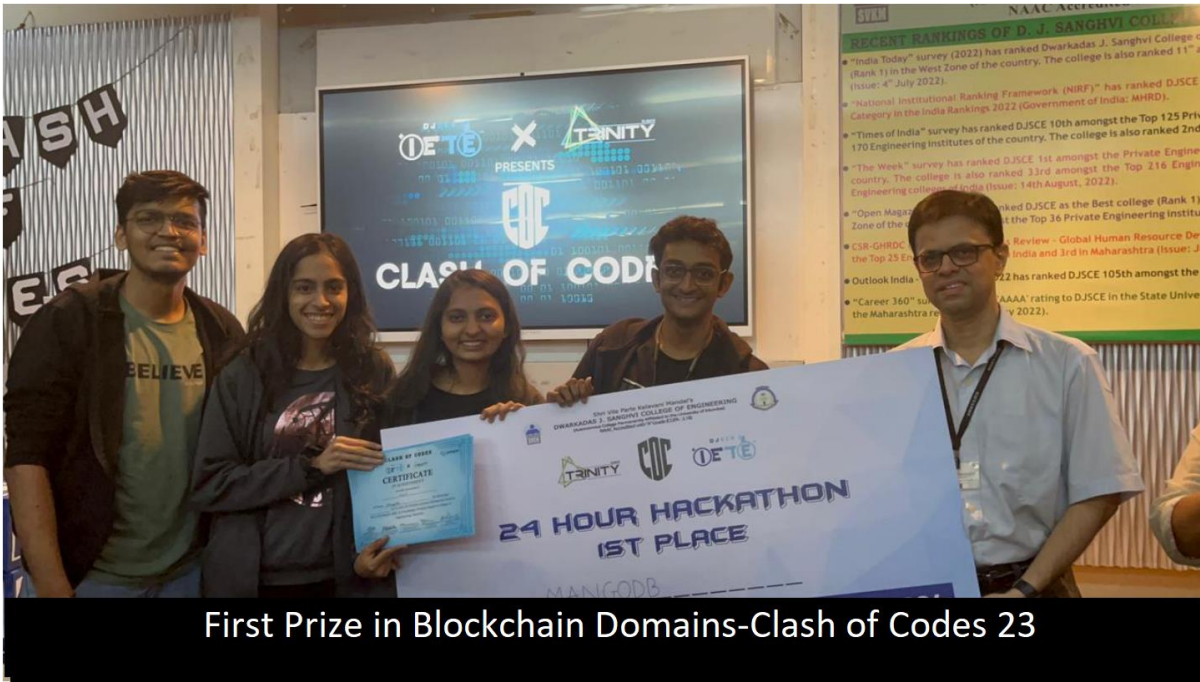
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WINNER AT THE UNESCO INDIA AFRICA HACAKATHON 2022 (23rd – 24th November 2022), AT THE GAUTAM BUDDHA UNIVERSITY IN UTTAR PRADESH ORGANISED BY MINSITRY OF EDUCATION AND MoE'S INNOVATION CELL, GOVERNMENT OF INDIA

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First Prize in Blockchain Domains-Clash of Codes 23

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