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Department of Computer Engineering

ACADEMIC REPORT

Jan 2022 – June 2022

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4. Faculty Contribution

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1. DEPARTMENT

Department VISION

To impart high quality education, promote research culture and inculcate ethical values to develop/produce professionally competent engineers capable of meeting global challenges.

Department MISSION

1. Encourage research aptitude and analytical approach to prepare students for facing technological challenges in computing field.
2. Develop professionals, equipped with soft skills, ethical and social values for betterment of society.
3. Create awareness about sustainability concerns and ongoing trends in computing field.
4. To nurture and provide a collaborative environment for enabling aspiring technocrats to meet industry expectations.
5. Provide competent faculty and systematic modern approach in teaching-learning with stateof-art infrastructure.

Program Educational Objectives [PEO]

1. To impart quality education to students, while encouraging innovations and research culture in keeping abreast with technological advancements in computing.
2. To develop computer professionals with comprehensive knowledge, capable of facing indigenous and global challenges.
3. Develop computer professionals to fulfill industry expectations and social aspirations.

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Programs Specific Outcomes [PSO]

By the completion of Computer Science program, the student will have following Program specific outcomes.

1. Ability to understand and assess fundamental and advanced principles of computer hardware and software systems.

2. Comprehensive knowledge and practical competence with a broad range of programming languages enabling graduates to understand the structure, design and development methodologies of software systems on various platforms.

3. Ability to efficiently model real-world problems using appropriate data structures and algorithms.

4. Capability of applying computing knowledge in multidisciplinary domains to identify problems and provide solution to them.

About the Department

- Started in the year 2001 with undergraduate program affiliated with University of Mumbai.
- NBA Accredited
- Intake: BE: 120, ME: 18, PhD: 10
- Fully air-conditioned classrooms with LCD Projectors
- Laboratories equipped with advance software and hardware
- Provide all kinds of support to develop application with advanced technologies.

Courses offered

- B.E Computer Engineering
- M.E Computer Engineering
- Ph.D Technology

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2. ADMINISTRATION

ACM Committee

Dr. Narendra Shekokar   Dr. Aruna Gawade   Prof. Pankaj Sonawane

Project Committee

Dr. Chetashri Bhadane   Prof. Ruhina Karani

Academic Report

Dr. Chetashri Bhadane   Prof. Aniket Kore

Departmental Library Committee

Prof. Pankaj Sonawane

Maintenance Audit Committee

Prof. Pankaj Sonawane

DJ Unicode Committee

Dr. Narendra Shekokar   Prof. Pranit Bari   Prof. Aniket Kore

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Program Assessment Committee

Dr. Meera Narvekar	Dr. Narendra Shekokar
Dr. Ram Magrulkar	Dr. Aruna Gawade
Dr. Kiran Bhowmick	Prof. Khushali Deulkar
Dr. Chetashri Bhadane	Prof. Ruhina Karani
Prof. Pranit Bari	

Time-Table Committee

Prof. Lakshmi Kurup   Prof. Deepika Dongre

Cultural Committee   # Placement Committee

Dr. Meera Narvekar   Prof. Pankaj Sonawane

Prof. Sudhir Bagul

SAP Attendance   # Internship Committee

Prof. Khushali Deulkar   Dr. Ram Mangrulkar

Prof. Lynette D'mello

Prof. Deepika Dongre

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Sports Committee

Dr. Narendra Shekokar
Prof. Pankaj Sonawane

Alumni coordinator

Prof. Khushali Deulkar
Prof. Ruhina Karani

Stationary Incharge

Prof. Ashok Patade

Mentor Incharge

Prof. Sindhu Nair

Entrepreneurship Incharge

Dr. Ram Mangrulkar

Exam Coordinator

Prof. Ruhina Karani
Prof. Deepika Dongre

Lab Incharges

Dr. Kiran Bhowmick

Dr. Aruna Gawde

Dr. Chetashri Bhadane

Prof. Sindhu Nair

Prof. Ashok Patade

Dr. Pratik Kanani

Class Incharges

Prof. Pankaj Sonawane

Dr. Pratik Kanani

Dr. Kiran Bhowmick

Dr. Chetashri Bhadane

Prof. Lakshmi Kurup

Prof. Sindhu Nair

3. SPECIAL ACADEMIC PROGRAMME

3.1 Workshop on "Automation, Visualization and Reporting" conducted on 22nd Feb 2022

Date: 22/02/2022
Time: 2:00 PM
Venue: Mechanical Engineering Lab
Type of Event: Staff Development Program
Target Audience: Lab Assistants
Number of Participants: 16
Resource Person: Dr. Ramchandra Mangrulkar, Associate Professor, DJSCE.

- **Objectives of the Program**
  1. Demonstrate on how to automate data collection.
  2. Demonstrate on how to automate a mail.
  3. Demonstrate on how to visualize the data.
  4. Demonstrate on how to generate the report.

- **Workshop Summary**

As a quality initiative from the Internal Quality Assurance Cell, DJSCE, Mumbai a workshop for Lab Assistants was organised on 22nd February, 2022 on 4th Floor Mechanical Engineering Department Lab. The aim of the workshop was to create awareness in the staff members about the Microsoft Tools for their day-to-day activities.

Dr. K. N. Vijayakumar, IQAC Coordinator introduced the resource person to all the staff members who attended the workshop.

Dr. Ramchandra Mangrulkar briefly introduced the tool Microsoft Power BI to the audience. He then started hands-on demonstration on how to use this tool for daily activities carried in the institute. All the staff members attending the workshop were given PCs to perform the tasks in the workshop.

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Dr. Ramchandra Mangrulkar instructed and demonstrated on how this Power BI tool can be used to collect data.

He then explained how this Power BI tool can be used to mail the documents.

Later on, he shared one of the .csv file with the participants for performing experiments. He demonstrated how the visualization graphs like Bar Chart, Pie Chart can be plotted using this tool. He also explained how to caption and add legends in those charts.

Lastly, he explained how the reports can be generated from the given data as per the need of an individual.

Participants really enjoyed the session and gained the wonderful knowledge of Power BI tool.

In the end, Dr. Nilesh Patil expressed his vote of thanks and the workshop was ended.

- **Photographs**

- **Outcome**

Created awareness in the staff about the Microsoft Power BI tool for collecting data, sending emails, visualizing the data and generation of reports.

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3.2 Workshop on "Innovations in Research using Cloud and Web Based Tools" conducted on 26th Feb 2022

Date: 26/02/2022
Duration: 11:00 AM to 12: 30 PM
Venue: Computer Engineering Classroom C1
Type of Event: Faculty Development Program
Target Audience: Faculties
Number of Participants: 21
Resource Person: Dr. Ramchandra Mangrulkar

- **Objectives of the Program**
1. Understand how to write a research paper.
2. Create awareness of various research tools.
3. Demonstrate Power BI tool for visualization and reporting.

- **Workshop Summary**

As a quality initiative from the Internal Quality Assurance Cell, DJSCE, Mumbai a workshop for Faculties was organised on 26th February, 2022 on 6th Floor Computer Engineering Department Classroom. The aim of the workshop was to create awareness in the faculties about different research tools and their usage.

Dr. Nilesh Patil, introduced the resource persons to all the staff members who attended the workshop.

Dr. Ramchandra Mangrulkar initiated the workshop with research paper contents. He asked the audience with which section do we start writing the research article. Which part of the research article is important from reveiwer's and reader's point of view?

Later on, he demonstrated various useful tools that can be used in the research. For example,

1. To identify trending domain: https://trends.google.co.in

2. To identify trending keywords: https://www.wordracker.com

Likewise, he explained various other tools with their demonstration.

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Lastly, he demonstrated the Microsoft Power BI tool which can be used for visualization and generating report in the research.

Participants really enjoyed the session and gained the wonderful knowledge from this workshop. In the end, Dr. K. N. Vijayakumar expressed his vote of thanks and the workshop was ended.

- **Photographs**

- **Outcome**

Created awareness in the staff about the different research, visualization and reporting tools

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3.3 Workshop on "Significance of Cyber Security in Human Life" conducted on 3rd March 2022.

Date: 03/03/2022
Duration: 10:30 AM to 12: 30 PM
Venue: Computer Engineering Classroom C1
Type of Event: Faculty Development Program
Target Audience: Faculties
Number of Participants: 14
Resource Person: Dr. Narendra Shekokar

- **Objectives of the Program**
    1. Understand what Cyber Security is?
    2. Create awareness of how cyber security impacts human life?

- **Workshop Summary**

As a quality initiative from the Internal Quality Assurance Cell, DJSCE, Mumbai a workshop for Faculties was organised on 3rd March, 2022 on 6th Floor Computer Engineering Department Lab. The aim of the workshop was to create awareness in the faculties about how cyber security is impacting human life every day.

Dr. Nilesh Patil, introduced the resource persons to all the staff members who attended the workshop.

Dr. Narendra Shekokar started with the basics of security and cryptography. Then he proceeded explaining what Cyber Security is? He briefed the participants about the significance of cyber security in human life.

Dr. Narendra Shekokar explained the concepts of cyber security introducing the terms cyber threats, cybercrime, cyber criminals, cyber bullying, different types of cyber security.

He also gave some examples of cyberattacks with case studies like:

1. Cosmos Bank Cyber Attack in Pune in 2018

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2. UIDAI Aadhaar Software Hacked

3. 'Malicious' data breach impacting customers' bank account details @ British Airways and International Airlines Group

4. Customer credit/debit card details stolen @ Target Corporation

5. Cybercriminals stole the data of 500 million customers @ Marriott International

Participants really enjoyed the session and gained the wonderful knowledge from this workshop. In the end, Dr. K. N. Vijayakumar expressed his vote of thanks and the workshop was ended.

- **Photographs**
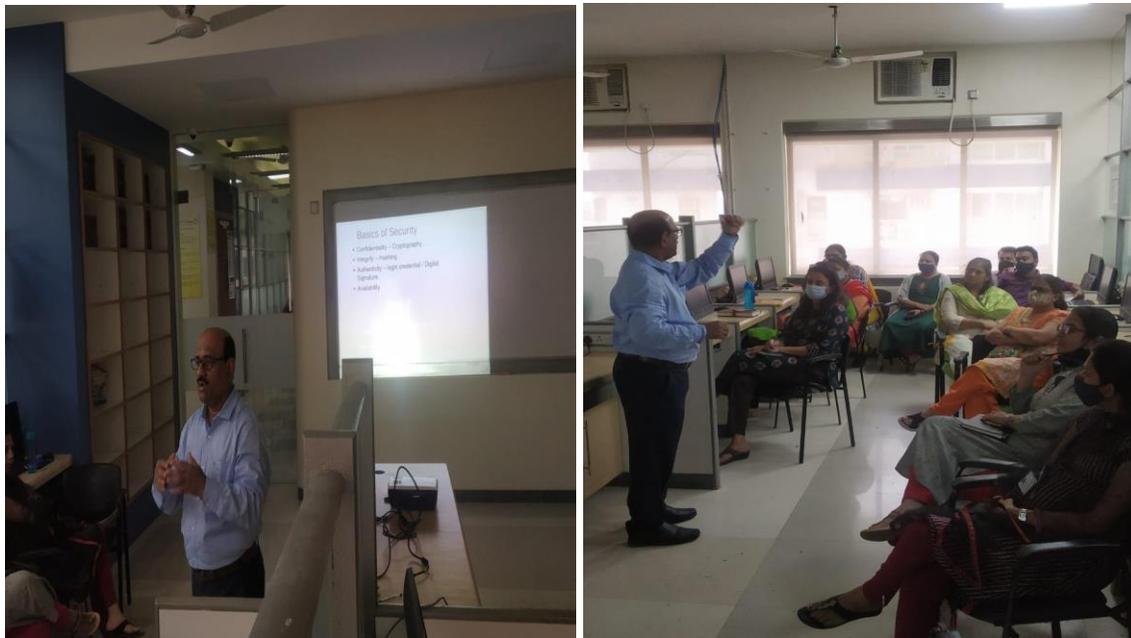
- **Outcome**

Created awareness in the faculty about the significance and impact of cyber security in human life.

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3.4 Workshop on "IP Case-studies: Patent, Design and Copyright" conducted on 31st March 2022.

Date: 31/03/2022
Duration: 11:00 am – 1:00 pm
Venue: Seminar Hall
Type of Event: Staff Development Program
Target Audience: Faculty
Number of Participants: 55
Resource Persons:

Dr. Narendra Shekokar	Dr. Kranti Ghag
Professor,	Associate Professor,
Dept. of Computer Engineering,	Dept. of Computer Engineering.
IT Convener , DJSCE	DJSCE

- **Objectives of the Program**
  1. Create awareness among faculty members about IP and IPR.
  2. Familiarize with the resources and tools for Patent, Design and Copyright.
  3. Discuss the procedure and documents for filing Patent, Design and Copyright.

- **Workshop Summary**

As a quality initiative, Internal Quality Assurance Cell, DJSCE and Department of Computer Engineering, Mumbai organised a workshop for faculty members on 31st March, 2022 in Seminar hall at 11am. The aim of the workshop was to create awareness about Intellectual Property (IP) and familiarize the participants with tools / resources for applying for registering Intellectual Property.

Dr Nilesh Patil introduced the resource persons, Dr. Narendra Shekokar and Dr Kranti Ghag. The session began with motivational thoughts by Dr Narendra Shekokar. He introduced various Intellectual Properties and explained the Patent landscape in detail. The procedure, timeline and fees to file a patent were discussed. Forms to apply for filing a patent were illustrated and Case-studies were presented. The presentation also covered the guidelines on drafting the patent

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application and drafting post filing communications with the patent office. Resources on website of Indian Patent Office and World Intellectual Property Organisation (WIPO) were demonstrated. Following the trail, Dr Kranti Ghag discussed the Industrial Design and Copyright procedure, fees, timelines, drafting and post filing communications. Attendees actively participated in the workshop and Q&A session. Entire workshop material was shared. World IP Day and current year's (2022) theme, focussing on youths was disseminated.

- **Photographs**

- **Outcome**

Created awareness about the IP such as Patent, Copyright and Industrial Design.

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4. FACULTY CONTRIBUTION

4.1 Faculty Publications: National / International Conference / Journal

Sr. No.	Name	Journal/ Conference	National / International	Title	Publication	Date
1.	Dr. Aruna Gawade	Conference	International	YouTube Assistant for Quick Navigation and Content Moderation	International Conference on Advances in Electronics, Computers and Communications (ICAECC)	Feb 22
		Conference	International	FIGSI—Facial Image Generation for Suspect Identification	International Conference on Sustainable Expert Systems	Feb 22
2.	Dr. Ramchandra Mangrulkar	Book	International	Cyber Security and Digital Forensics	Scrivener	Jan 22
		Chapter	International	Software-Defined Networks A Brief Overview and Survey of Services	Software Defined Networking for Ad Hoc Networks - Springer	Feb 22
		Chapter	International	4S Framework: A Practical CPS Design Security Assessment & Benchmarking Framework	Cyber Security and Digital Forensics - Scrivener	Jan 22
		Conference	International	MalDeXA - A Malware Detection system using XGBoost on Amazon Web Services	2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	2022

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3.	Dr. Kiran Bhowmick	Journal	International	A semi-supervised clustering-based classification model for classifying imbalanced data streams in the presence of scarcely labelled data	International Journal of Business Intelligence and Data Mining	Feb 22
				Topic Modelling-Based Approach for Clustering Legal Documents	Sixth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2021)	June 22
				Designing an Ensemble Classifier for Classifying Multi-label Data	Sixth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2021)	June 22
4.	Dr. Nilesh Patil	Journal	International	ResStorage – Blockchain Based Decentralized Resume Storage Application	2022 IEEE World Conference on Applied Intelligence and Computing	June 22
		Book	National	Cryptography & System Security	TechNeo Publications	Jan-22
		Book	National	WebX.0	TechNeo Publications	Jan-22
		Book	National	Computer Network and Security	TechNeo Publications	Mar-22
5.	Dr.Chetashri Bhadane	Journal	International	Domain adaptation and weight initialization of neural networks for diagnosing interstitial lung diseases	International Journal of Imaging Systems and Technology, Wiley Publication	Feb 22

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6.	Deepika Dongre	Journal	International	Domain adaptation and weight initialization of neural networks for diagnosing interstitial lung diseases	International Journal of Imaging Systems and Technology, Wiley Publication	Feb 22
7.	Lynette Dmello	Conference	International	ChaDRaL: RGB Image Encryption based on 3D Chaotic Map, DNA, RSA and LSB	International Conference on Artificial Intelligence and Machine Vision	Jan 22
		Conference	International	Using Universal Sentence Encoder for Semantic Search of Employee Data	International Conference on Computational Intelligence and Computing Applications	Feb 22
		Conference	International	A Novel Dual Model Approach for Categorization of Unbalanced Skin Lesion Image Classes	Computational Vision and Bio-Inspired Computing	Mar 22
		Conference	International	Towards a Multi-Modular Decentralized System for Dealing with EHR Data	International Conference on Advanced Computing and Communication Systems	Mar 22
		Conference	International	Emulation of Intel's 8086 Microprocessor using Rust and Web Assembly	International Conference for Emerging Technology	May 22
8.	Ruhina Karani	Conference	International	Audio-Based Staircase Navigation System for Visually Impaired	International Conference on Inventive Research in Computing Applications (ICIRCA 2021)	Feb 22
		Chapter	International	Combating COVID-19 using object detection techniques for next generation autonomous systems	Cyber-Physical Systems- Elsevier, Academic Press	2022

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9.	Aniket Kore	Conference	International	Marathi Social Media Opinion minning using XLM-R	International Conference on Applied Artificial Intelligence and Computing (ICAAIC-2022)	May 22
10.	Pankaj Sonawane	Conference	International	Smart Student Grievance Redressal System with Foul Language Detection	8th International COnference on Advanced Computing & Communication SYstems.	Mar 22

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4.2 Interaction of Faculty with Outside World

Sr.No	Name	Activity
1.	Dr. Nilesh Patil	Conducted Session on "TypeScript" on 03/01/2022 at Xavier Institute of Engineering, Mahim
		External Academic Auditor at Xavier Institute of Engineering (XIE), Mahim
		Reviewer for 10th International Conference on Recent Trends in Computing. (ICRTC) 2022
		Conducted Online Guest Lecture on "Implementing Recommendation System using Python" at VCET, Vasai.
		Conducted Session on "Uncertainty" during ISTE Approved Two weeks Online Short Term Training Program on Artificial Intelligence Towards Data Science Applications conducted during 27th June to 8th July 2022 at VCET, Vasai
		Reviewer for 10th International Conference on Recent Trends in Computing (ICRTC-2022), SRM Institute of Science and Technology, Delhi
2.	Sridhar Iyer	Conducted a 1 Day Hands on Session on "Digital Forensics" on 14/01/2022 at the Xavier Institute of Engineering, Mahim
		Delivered a Guest Lecture at Xavier Institute of Engineering on "Trends in Cryptography" on 24th February 2022
		Guest Lecture on " Trends in Digital Forensics" on 30th March 2022, organized by Terna Engineering College.
		Reviewed 7 technical research papers in International Conference on Computational Intelligence and Smart Communication organised by Uttarakhand University on 10-11th june 2022
		Reviewed 6 technical research papers in the 10th International Conference on Recent Trends in Computing organised by SRM institute of Science and Technology on 3rd and 4th june 2022
3.	Dr. Chetashri Bhadane	Conducted session on "Machine Learning Algorithms using R" in STTP at Bhagubhai Polytechnic, 24/3/22
4.	Dr. Aruna Gawade	"Reviewer in the second International Conference on Automation, Computing and Communication (ICACC-2022) which was conducted virtually on April 7-8, 2022"
5.	Aniket Kore	Reviewer for 10th International Conference on Recent Trends in Computing. (ICRTC) 2022

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6.	Ruhina Karani	Reviewer for 2022 IEEE World Conference on Applied Intelligence and Computing, New Delhi, India, 2022
		"Reviewer for IEEE International Conference on Electrical, Computer, and Energy Technologies (ICECET'22) , Prague, Czech Republic"
7.	Dr. Kranti Ghag	Reviewer for International Conference on Recent Trends in Computing (ICRTC-2022)
		One of the resource persons for a session "IPR: Patents, Design & Copyrights" at SFIT
8.	Pankaj Sonawane	"Session Chair at 2022 IEEE World Conference on Applied Intelligence and Computing (AIC 2022) Organized by Rajkiya Engineering College, Sonbhadra, India"
		"TPC member and reviewer at IEEE World Conference on Applied Intelligence and Computing (AIC 2022) Organized by Rajkiya Engineering College, Sonbhadra, India"

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4.3 **Seminars/Workshops/Conferences/FDP/STTP/Expert talk organized**

Sr. No.	Name	STTP / Workshop / Seminar Details
1.	Dr. Meera Narvekar	1. Organized a Workshop on "Automation, Visualization and Reporting" under IQAC Speaker: Dr. Ramchandra Mangrulkar No. of Participant: 16 Venue: DJSCE Date: 22nd Feb 2022 2. Organized a Workshop on "Innovations in Research using Cloud and Web Based Tools" under IQAC Speaker: Dr. Ramchandra Mangrulkar No. of Participants: 21 Venue: DJSCE Date: 26th Feb 2022
2.	Dr. Nilesh Patil	3. Organized a Workshop on "Significance of Cyber Security in Human Life" under IQAC Speaker: Dr. Narendra Shekokar No. of Participants: 14 Venue: DJSCE Date: 3rd March 2022
3.	Dr. Kranti Ghag	4. Organized a Workshop on "IP Case-studies: Patent, Design and Copyright" under IQAC Speaker: Dr. Narendra Shekokar and Dr. Kranti Ghag No. of Participants: 55 Venue: DJSCE Date: 31st March 2022

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

Sr. No.	Name	Activities
1.	Dr. Aruna Gawade	1. Completed Coursera course on "Linux Fundamentals" an online non-credit course authorized by LearnQuest and offered through Coursera 2. Completed coursera course on "Exploratory Data Analysis for Machine Learning"
2.	Dr.Ramchandra Mangrulkar	1. Attended one-week AICTE Sponsored Online Short-Term Training Programme (STTP) on "Robust AI: Building through data exploration, preprocessing and representation " 2. Attended "Outcome Based Education (OBE) & Curriculum" by Dr. Bhalchandra Chaudhari, Principal, Sardar Patel Institute of Technology
3.	Dr. Nilesh Patil	1. ISTE Approved STTP on WebX.0 at Xavier Institute of Engineering, Mahim 2. Completed Coursera Course on "Applied Machine Learning in Python", University of Michigan 3. Completed Coursera Course on Introduction to Data Science in Python, University of Michigan 4. Completed Coursera Course on Applied Social Network Analysis in Python, University of Michigan 5. Attended "Innovation in Research using Cloud and Web Based Tools"by Dr. Ramchandra Mangrulkar, DJSCE 6. Attended "Outcome Based Education (OBE) & Curriculum" by Dr. Bhalchandra Chaudhari, Principal, Sardar Patel Institute of Technology 7. Participated in ONLINE AICTE Sponsored Faculty Development Programme on "Research Avenues in Machine Learning and AI for Societal Issues" 8. NPTEL Course on Data Analytics with Python 9. NPTEL Course on Introduction to Programming in C 10. Coursera Course on AI Workflow: Data Analysis and Hypothesis Testing 11. Coursera Course on AI Workflow: Feature Engineering and Bias Detection 12. 5-day FDP on "Blockchain and its applications."

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4.	Dr.Kiran Bhowmick	1. FDP on Industry Perspective on Cyber Security 2. FDP on "Natural Language Processing" date: February 7-18, 2022, organized by "Electronics and ICT Academies at IIT Kanpur, IIT Roorkee, MNIT Jaipur, PDPM IIITDM 3. NPTEL Course on Data Analytics with Python 4. Coursera course on Agile methodology 5. Coursera course on Devops
5.	Dr.Kranti Ghag	1. NVIDIA DLI course on Fundamentals of Deep Learning 2. Coursera course on Introduction to Machine Learning in Production" 3. IP Awareness/Training program jointly organised by IP India, Govt of India - Ministry of Commerce and Industry and National IP awareness mission 4. NPTEL Course on Data Analytics with Python 5. Coursera course on "Relational Database Systems" 6. Coursera course on "Python Project for Data Science" 7. "IP Panaroma" course by World Intellectual Property Organization (WIPO), the Korean Intellectual Property Office (KIPO), the Korea Advanced Institute of Science and Technology (KAIST) and the Korea Invention Promotion Association (KIPA)
6.	Dr. Chetashri Bhadane	1. Emerging Trends, Pedagogy and Teaching Skills in Management Education Post COVID-19
7.	Ruhina Karani	1. FDP on Industry Perspective on Cyber Security 2. FDP on Multivariate Data Analysis using SPSS, organized by MITWPU, Pune, 3. Coursera course on "Using clinical health data for better healthcare" offered by The University of Sydney, Feb 2022
8.	Dr.Pratik Kanani	1. Attended "Outcome Based Education (OBE) & Curriculum" by Dr. Bhalchandra Chaudhari, Principal, Sardar Patel Institute of Technology
9.	Khushali Deulkar	1. 5-day FDP on "ML-Operations and its applications"
10.	Lakshmi Kurup	1. Emerging Trends, Pedagogy and Teaching Skills in Management Education Post COVID-19 2. 5-day FDP on "ML-Operations and its applications"

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11.	Lynette D'Mello	1. Emerging Trends, Pedagogy and Teaching Skills in Management Education Post COVID-19 2. Coursera Course on "Introduction to DevOps" by IBM, Feb 2022 3. PCAP: Programming Essentials in Python by Cisco Networking Academy® 4. Coursera non-credir specialization course on "DevOps, Cloud, and Agile Foundations" by IBM 5. 5-day FDP on "Blockchain and its applications."
12.	Pankaj Sonawane	1. 5-day FDP on "ML-Operations and its applications" 2. Completed Guided Project on Coursera on "Build a free website with WordPress"
13.	Deepika Dongre	1. Coursera course on Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
14.	Aniket Kore	1. ISTE Approved STTP on Digital Transformation through Industry 4.0 Technologies 2. Attended "Outcome Based Education (OBE) & Curriculum" by Dr. Bhalchandra Chaudhari, Principal, Sardar Patel Institute of Technology 3. Attended Workshop on "IP Case Studies: Patents, Designs & Copyrights" Organized by Dept. of Computer Engineering & IQAC, DJSCE. 4. 6 day STTP on CYBER SECURITY and ARTIFICIAL INTELLIGENCE. 5. 5-day FDP on "Blockchain and its applications." 6. Completed coursera course on Introduction to Artificial Intelligence (AI) by IBM 7. Completed coursera course on C for Everyone: Programming Fundamentals
15.	Ashok Patade	1. 5-day FDP on "Blockchain and its applications."
16.	Pranit Bari	1. 5-day FDP on "ML-Operations and its applications"
17.	Sudhir Bagul	1. 5-day FDP on "Blockchain and its applications."

18.	Sridhar Iyer	1. ISTE Approved and AICTE Sponsored Refresher Program on "Cyber Security and Ethical Hacking" organized by the Xavier Institute of Engineering, Mahim 2. ISTE Approved STTP on Digital Transformation through Industry 4.0 Technologies 3. Faculty orientation of the subject Skill based Lab Course: Cloud Computing 4. Attended "Outcome Based Education (OBE) & Curriculum" by Dr. Bhalchandra Chaudhari, Principal, Sardar Patel Institute of Technology 5. "Participated in FDP on "Cyber Security (Threat Detection) With SIEM " Organized by Computer Engg. Department, Marathwada 6. Mitramandal's Institute of Technology (MMIT), Lohgaon " 7. NPTEL Course on Introduction to Ethical Hacking 8. NPTEL Course on Introduction to Programming in C 9. 5-day FDP on "Blockchain and its applications." 10. Complete Coursera Course on "AWS Cloud Technical Essentials" by Amazon Web Services (AWS) 11. "Complete Coursera Course on ""Introduction to Data Science in Python 12. "" by University of Michigan" 13. Complete Coursera Course on "End-to-End Machine Learning with TensorFlow on Google Cloud" by Google Cloud

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5. STUDENTS'ACHIEVEMENTS

S.E.

Sr. No.	SAP ID	Name	Achievements
1	60004200031	SHREY PAREKH	Won Best UI/UX Nirmiti B-Plan Event at SPIT HACKATHON
2	60004200152	PRIYAMBI HIRAN	
3	60004200140	LOKITA VARMA	
4	60004210041	MANAN SHAH	1st runner up position and cash prize of INR 25,000 at VJTI's TECHNOVAZA hackathon.
5	60004200090	DISHANT ZAVERI	
6	60004200062	YASH JOSHI	
7	60004200122	MIHIR SHINDE	
8	60004200079	VIJAY HARKARE	Won 3rd prize Instrumental competition in SIES Visions Apocryphal fest.
9	60004200031	SHREY PAREKH	1st prize for UI/UX design competition in DJ Unicode.
10	60004200052	YELDI RACHANA RAMESH	Mental Health' Track Winner in Make4thon conducted by the Thapar Institute of Technology.
11	60004200088	ARPIT SHAH	
12	60004200167	VARUN VEKARIA	3rd Place in Unicode Hackathon – DJSCE
13	60004200140	LOKITA VERMA	Bagged 1st prize at Google Girls Hackathon. They received a cash prize of 100 USD and pre placement interview opportunity.
14		KHUSHI MEHTA	
15	60004200152	PRIYAMBI HIRAN	
16	60004200090	DISHANT ZAVERI	3rd PLace at TCET's Hackathon Hackanova 2022
17	60004210041	MANAN SHAH	2nd runner up at Hackanova Hackathon Conducted by Thakur College of engineering

18	60004200131	NISHTHA THAKUR	Winners at JP Morgan Chase Code for Good 22 hackathon
19	60004200107	KARTIK JOLAPARA	
20	60004200137	ROSITA DMELLO	Runner-up at JP Morgan Chase Code for Good 22 hackathon
21	60004200137	ROSITA DMELLO	Selected for the Finale of Smart India Hackathon 2022
22	60004200155	VIDHITA PAI	
23	60004200005	SARTHAK BHAN	
24	60004200085	HARSH MANGUKIYA	

T.E.

Sr. No.	SAP ID	Name	Achievements
1	60004190087	RAJ SANGHAVI	Winners of LOC 4.0 Hackathon,
2			1st Runners Up at TVS Credit E.P.I.C. IT Challenge Season 3
3			1st Runners Up at CodeShastra 8.0 Hackathon
4	60004190068	MEITH NAVLAKHA	2nd Runner Up at Codeshastra 8.0
5	60004190049	JATIN ABROL	1st Runner-ups at Dolat Capital Offline Hackathon
6		PARTH PAWAR	
7	60004190009	ADNAN AHMED	
8	60004190107	SHUBH NISAR	Published a paper on the title, "Predicting Doctor Ratings from User Reviews using Deep Learning" at ICAAIC, 2022
9		PARTH PAWAR	Secured global rank 171 at Codechef Starters 38 Division 2 competition

Academic Year: 2021-22
Department of Computer Engineering

☐ STUDENTS COUNT

Sr. No.	Class	No of students
1	SE	2
2	TE	8
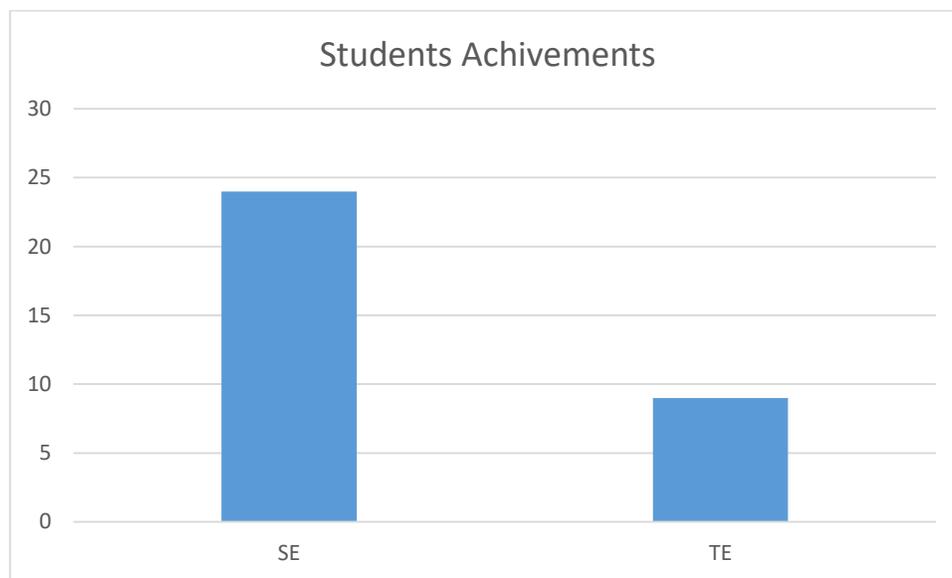
Student Activities Analysis

Academic Year: 2021-22
Department of Computer Engineering

6. PLACEMENT DATA

Sr. No.	Name of the Company	Total Package in LPA	Total Number of Students Placed
1	Amazon	28	3
2	Morgan Stanley	26	3
3	Google	34	1
4	Goldman Sachs	21	1
5	Cactus Communication	20	2
6	MSCI	19	4
7	iRage Capital Broking	16	2
8	Samsung R&D	14.5	3
9	Axxela	14	1
10	JP Morgan Chase	14	22
11	Enfusion	13.36	1
12	ZS Associates	12.8	5
13	Dolat Capital	12.25	2
14	Cimpress	12	9
15	Accolite Digital	11	9
16	Forcepoint	11	2
17	ISSGovernance	10.3	4
18	Jio Saavan	10	1
19	Think 360	9.5	4
20	Infosys Dream	9.25	1
21	Carwale	9	2
22	Falkonry	9	2
23	Interactive brokers	9	1
24	RBL	9	1
25	Quantiphi	8.5	7
26	Oracle	8.3	3
27	Delhivery	8	1
28	Capgemini 7.5	7.5	1
29	MuSigma	7.5	2
30	TCS Digital	7.3	1
31	L&T Limited	6.75	1
32	LTI level 2	6.5	1
33	AMDOCS	6.25	2
34	Bill Desk	6	1
35	LTFS	6	1

Academic Year: 2021-22
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36	NSEIT	6	1
37	Zeus learning	6	1
38	Niveus Solutions	5.75	1
39	Citius Technologies	5.5	1
40	Duck Creek	5.5	1
41	LTI level 1	5	1
42	Deloitte	4.3	2
43	IBM	4.25	1
44	Accenture	4.2	2
45	Infosys	3.6	3
46	TCS Ninja	3.6	2
47	TATA Elxsi	3.5	1

Placement Data of Computer Department (AY 2021-22)

Category	Value
ELITE	16
SUPER DREAM	85
DREAM	14
NORMAL	9