Details of Seminars

1. **Topic: Industry Expert Session on Artificial Intelligence and Machine Learning**
   - Objective:
     - To get exposure for AI and machine learning in real time Applications.
     - To aware students about data science and different Opportunities available in data science.
     - Exposer to different types of platforms available for data science project implementation
   - Prerequisite: Basic understanding of Data bases
   - Duration: 1 day
   - Date: 07 February 2024
   - Resource Person: Dr. Dipanjan Biswas, Data Science Trainer, NetTech India
   - Topic Covered: basics of AI, ML. Different types of machine learning, emphasizing supervised, unsupervised, and reinforcement learning. Placement Opportunities
   - No of Participants: 60 from TÈ IT

   Dr. Dipanjan Biswas, Data Science Trainer, NetTech India, addressing to students
   - Impact:
     - Students were introduced about key concepts of Data Science.
     - Job opportunities in Data Science.
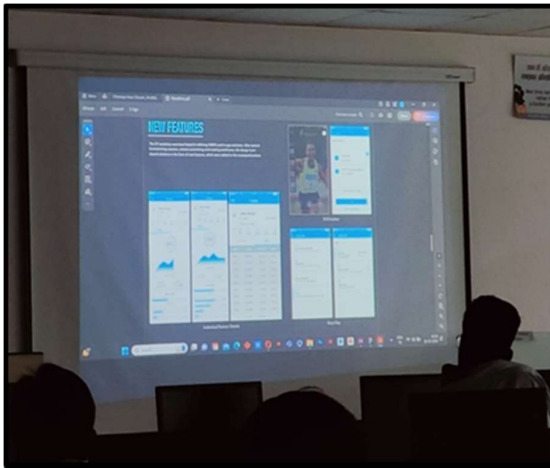   - Session helps students in academics such as selecting mini project topics.

2. **Topic: Industry Expert Session on User Interface design**
   - Objective: To learn Significance of user interface design and the tools used in Industry for the same
   - Prerequisite: Basic understanding of use of UI

- ➢ Duration: 1 day
- ➢ Date: 26 February 2024
- ➢ Resource Person: Chinmayi Chavan, UX UI Designer at TCS, Mumbai
- ➢ Topic Covered: Design approaches Discover, Discuss, Deliver, the features and the uses of industry level apps like Figma, AdobeXD and AI tool advancement in the field of user interface design
- ➢ No of Participants: 60 from BE IT
- ➢ Photographs:

Prof. S. N. Mhatre HOD IT introduced Ms. Chinmayi Chavan.

Ms. Chinmayi with SE and BEIT students

Impact: Students get acquainted with the features and the uses of industry level apps like Figma, AdobeXD and AI tool advancement in the field of user interface design.

3. **Topic: Industry Expert Session on Session on How to plan for Start-up and legal and Ethical Steps**

   - ➢ Objectives
     - To explore the significance of fostering an entrepreneurial mindset among students.
     - To understand the essential skills and behaviors required for entrepreneurial success.
     - To highlight the role of risk-taking, resilience, and innovation in entrepreneurial ventures.
     - To emphasize the importance of continuous learning and skill enhancement in entrepreneurship.
     - To provide students with practical insights and real-world examples of entrepreneurial behavior and skill development.
   - ➢ Duration: 1 day
   - ➢ Date: 1st March 2024
   - ➢ Resource Persons:
     - Dr. Vishram Kunte, Program Manager, Capgemini, Mumbai
     - Mr. Vishal Dhure, CEO, Sceniuz IT Division of Mahapatra Universal Limited, Andheri Mumbai
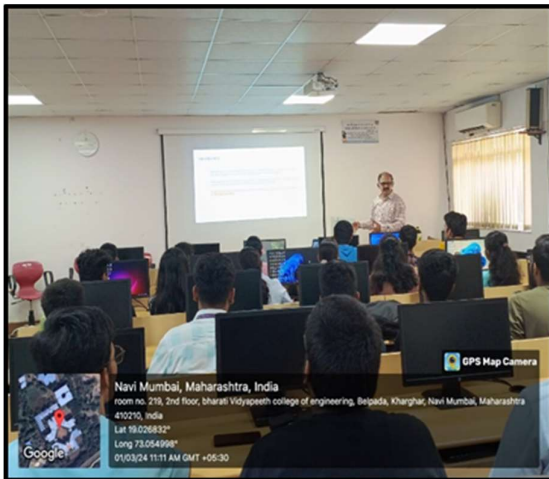   - ➢ Topic Covered:
     - Explored the different areas for which start ups can done. For the kind of services or products.
     - The behavioral aspects of entrepreneurship, shedding light on the traits that define successful entrepreneurs.
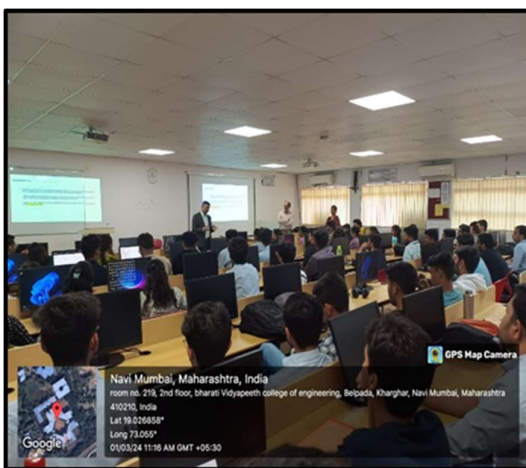   - ➢ No of Participants: 100 students from SE, TE, BE IT
   - ➢ Photographs:

Prof. S. N. Mhatre HOD IT felicitating Dr. Vishram Kunte and Mr. Vishal Dhure

Dr. Vishram Kunte and Mr. Vishal Dhure addressing to SE, TE, and BE IT students

Dr. Vishram Kunte and Mr. Vishal Dhure interacting with SE, TE, and BE IT students

Dr. Vishram Kunte with department faculty, Prof. S. N. Mhatre HOD IT department, Prof. H. B. Sale, Prof. S. S. Kadam, Prof. B. S. Dakhare, Prof. S. M. Satre, Prof. H. A. Chavan and all SE, TE, BE students
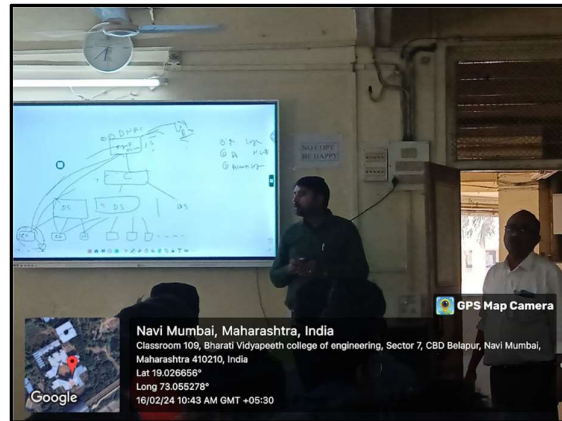
➢ Impact:

- Enhanced awareness about the dynamic nature of entrepreneurship and the need for continuous skill development.

- Enhanced understanding of the behavioral traits that define successful entrepreneurs, such as risk-taking, perseverance, and innovation.

- Encouragement to embrace failure as a steppingstone to success and to develop resilience in the face of challenges.

- Recognition of the importance of acquiring diverse skills, from technical expertise to communication and leadership abilities, in entrepreneurship.

- Inspiration and motivation to embark on entrepreneurial endeavors with confidence and determination, equipped with practical wisdom and guidance from industry experts.

4. Topic: Advanced IT Infrastructure in the Digital World

➢ Objective: Need for advanced IT infrastructure in today's digital world

➢ Pre-requisite: None

➢ Duration: 1 Day

➢ Date: 16th February 2024

➢ Resource Person: Manish Prabhakar, IT Manager at Jio World, Navi Mumbai

➢ Topic Covered: Digital IT infrastructure (Specifically Computer Networking at Reliance JIO Center)
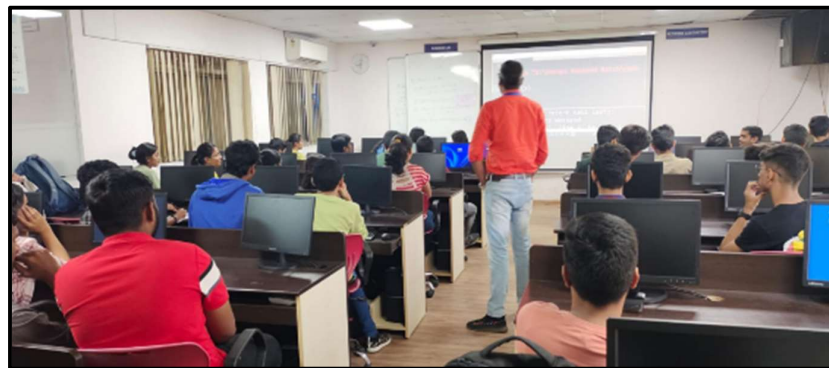
➢ No. of Participants and Class: 80 (SE and TE)

➢ Impact: enlightened SE-TE students about the necessity of advanced IT infrastructure in today's digital world. Drawing from his experience at Jio World, he emphasized the importance of staying competitive and highlighted the challenges and opportunities in managing IT resources. Discussing cybersecurity, cloud computing, and AI, Prabhakar provided a roadmap for navigating digital complexities.

5. Topic: Python and Code Optimization

➢ Objective: To make aware of coding techniques for an optimized and efficient code

➢ Outcome: Student learnt about the coding techniques to make the code run faster with the given resources

➢ Prerequisite: Basic understanding of Python

➢ Duration: 1 Day

➢ Date: 7th February 2024

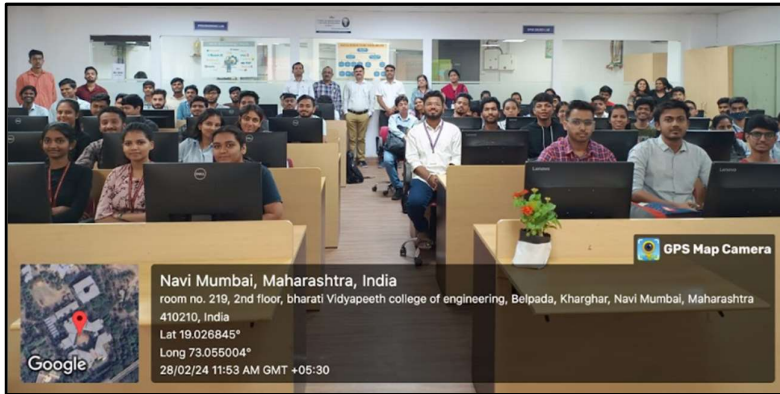➢ Resource Person: Dipanjan Biswas, AI Expert, NetTech India

- ➢ Topic Covered: Basics of Python, Code optimization and its need, code written for parallel execution to reduce the load on data centers
- ➢ No of Participants: 50 SE IT
- ➢ Photographs:

6. Topic: Spotlight on AI and Robotics

- ➢ Objectives
  - • To get aquatinted with Robotics and AI in Research and Development
  - • To know internship opportunities in CDAC.
  - • To explore different application developments in CDAC.
- ➢ Outcomes
  - • Students got aquatinted with Robotics and AI in Research and Development
  - • They got aware of internship opportunities in CDAC and different application developments in CDAC
- ➢ Prerequisite: Basic understanding of AI
- ➢ Duration: 1 Day
- ➢ Date: 28th February 2024
- ➢ Resource Person: Mr. Samadhan Manore, Jt. Director, CDAC, Mumbai

- Topic Covered: core concepts of AI, machine learning (ML), OpenAI, natural language processing (NLP), OpenCV, and generative AI. Scholarship opportunities in govt sector, WBL.
- No of Participants: 70 SE TE BE IT
- Photographs

Mr. Samadhan Manore, Joint Director, at CDAC Mumbai along with Prof. S. N. Mhatre HOD IT department, Prof. H. B. Sale, Prof. S. S. Kadam, Prof. B. S. Dakhare and Prof. H. A. Chavan and all SE, TE, BE students

Mr. Samadhan Manore, Joint Director, at CDAC Mumbai addressing to SE, TE and BE students

Mr. Samadhan Manore, Joint Director, at CDAC Mumbai addressing to SE, TE and BE students