



SHRI VILE PARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING  
Approved by AICTE and Affiliated to the University of Mumbai  
DEPARTMENT OF INFORMATION TECHNOLOGY



# DEPARTMENT OF INFORMATION TECHNOLOGY

## DEPARTMENTAL ACTIVITIES

&

## ACHIEVEMENTS REPORT

(July 2019 – June 2020)

Prepared By  
(Ms. Neha Katre)

Dr. Vinaya Sawant  
(HOD, IT Dept)



### **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.



## **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.



## **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.



### ADMINISTRATIVE RESPONSIBILITIES

<b>Associate Head, IT Department</b> Prof. Purva Raut	
<b>CSI Committee (Branch Counsellor)</b> Prof. Vinaya Sawant	<b>Codestars Programming Club</b> Prof. Vinaya Sawant
<b>CSI Committee (Faculty Advisor)</b> Prof. Mitchell D'silva	<b>Artificial Intelligence Club</b> Prof. Purva Raut
<b>Project Coordinator</b> Prof. Purva Raut	<b>Time-Table Co-ordinator</b> 1. Prof. Neha Katre 2. Prof. Stevina Correia
<b>Exam Coordinator</b> Prof. Arjun Jaiswal Prof. Anusha Vegesna	<b>Alumni Coordinator</b> Prof. Harshal Dalvi
<b>Placement Coordinator</b> Prof. Harshal Dalvi	<b>Sports Committee</b> Prof. Harshal Dalvi
<b>Cultural Committee</b> Prof. Neha Katre	<b>E-Cell Committee</b> Prof. Purva Raut
<b>NPTEL (Online Certification Courses)</b> Prof. Mitchell D'silva	<b>IT Infrastructure Co-ordinator</b> Dr. A. R. Joshi
<b>Lab In-charge</b> IM Lab: Prof. Neha Katre IS Lab: Prof. Harshal Dalvi SS Lab: Prof. Mitchell D'silva SPM Lab: Prof. Purva Raut CPG Lab: Prof. Stevina Correia	<b>Class (In-charges)</b> BE: Prof. Stevina Correia TE: Prof. Arjun Jaiswal SE: Prof. Anusha Vegesna
<b>Dept. Library Co-ordinator</b> Prof. Purva Raut	<b>Mentor Co-ordinator</b> Prof. Anusha Vegesna
<b>Maintenance Committee</b> Prof. Neha Katre Prof. Harshal Dalvi Mrs. Sangeeta Pawar (Lab Asst.) Mr. Sanju Uppala (Lab Attd.)	<b>Admission Committee</b> 1. Prof. Vinaya Sawant 2. Prof. Neha Katre 3. Prof. Harshal Dalvi 4. Prof. Anusha Vegesna 5. Prof. Mitchell D'Silva
<b>NBA Committee</b> 1. Prof. Vinaya Sawant( <b>Program Co-ordinator</b> ) 2. Prof. Neha Katre	<b>Autonomy Committee</b> 1. Prof. Vinaya Sawant 2. Prof. Purva Raut 3. Prof. Harshal Dalvi 4. Prof. Stevina Corriea



**CSI STUDENTS COMMITTEE 2019-20**

**FACULTY ADVISOR**

Prof. Mitchell D'silva

**CHAIRPERSON**

Pushkar Bhuse

**VICE CHAIRPERSON  
(TECHNICAL)**

Priyam Vora

**VICE CHAIRPERSON  
(ADMINISTRATIVE)**

Abheet Shaju

**CO-SECRETARY**

Aayushi Gandhi

**SECRETARY**

Riya Muni

**CO-SECRETARY**

Sweety Kakadiya

**TREASURER**

Jash Jain

**CO-TREASURER**

Devansh Kapadia

**TECHNICAL HEAD**

Jigar Avalani

**TECHNICAL CO-HEAD**

Bhavin Mehta  
Bhavesh Singh  
Preet Shah  
Aayush Shah  
Sampras D'Souza

**EVENTS HEAD**

Ali Abbas Rizvi  
Hussain Sadriwala

**LOGISTICS HEAD**

Jay Rambhiya  
Devansh Mehta

**MARKETING HEAD**

Parth Meswani  
Neel Doshi

**EDITORIAL HEAD**

Ansh Shah  
Arsh Sheikh

**CREATIVES HEAD**

Smit Malkan  
Renita Saldanha

**PUBLICITY HEAD**

Priyanka Shah  
Mussadiq Bakali



## DJInit.ai

### Team Structure

#### Core Team

Aadit Kachalia

Apurva Dani

Urvi Shah

Kritika Mittal

#### Co-Members(Technical)

Pushkar Bhuse

Bhavesh Singh

Parth Kansara

Smit Malkan

Dhruv Pitwa

#### Co-Members(Editorial)

Gargi Vyas (Head)

Pragnya Konakalla

Parth Tank

Rishika Chhabria



## DJCodestars

### Committee Structure

#### Chairperson

Harsh Jain

#### Vice Chairperson

Vatsal Sonigara

#### Technical Head

Rushil Shah

Fenil Doshi

Bhavuk Sharma

Aman Shah

#### Marketing Head

Tarang Nagda

Harshita Khandelwal

#### Editorial Head

Yogesh Murarka

#### Publicity Head

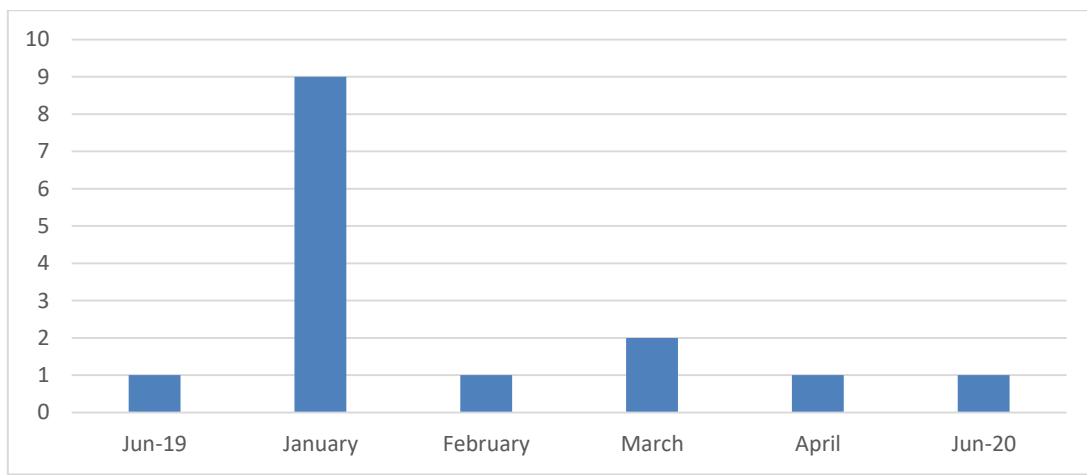
Shreeyaa Agrawal





## Paper Published in National / International Journals

June 19	1
January	9
February	1
March	2
April	1
June 20	1
<b>TOTAL</b>	<b>15</b>



### June

1. Akshita Lakkad, Deep Sanghavi, Vidhi Shah, Prof. Mrs. Stevina Correia, “**Trends Identification and Analysis of Popular Technologies Using Topic Modelling**”, presented in International Journal of Emerging Technologies and Innovative Research, June 2019, Volume 6, Issue 6.

### January

1. Harsh Salvi, Nemil Shah, Tilak Satra and Prof. Mitchell D’silva published a paper “**Comparison of Techniques to predict Shopper’s Intent**”, in Journal of Emerging Technologies and Innovative Research Volume 6, Issue 9, June 2019.
2. Mausam Agrawal, Riken Gala, Rohan Kalantri, Prof Mitchell D’Silva, published a paper on “**Analysis of Regression Algorithms for Prediction of Purchase Behaviour of Customer**”, in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 7, Issue 10, in October- 2019.
3. Neha Udeshi, Yashvi Upadhyaya, Gargi Vyas, Maitri Thaker, Prof. Mitchell D’Silva, published a paper on “**Gesture Gloves**”, in International Journal of Management,



Technology and Engineering (IJMTE), ISSN:2249-7455, Volume IX, Issue XI, pp. 62-67 in November, 2019.

4. Aadit Kachalia, Manthan Mehta, Prof. Mitchell D'Silva, published a paper on **"Prediction of Somatic Mutation for Cancer Treatment"**, in International Journal of Management, Technology and Engineering (IJMTE), ISSN:2249-7455, Volume IX, Issue XI, pp. 188-192 in November, 2019.
5. Shubham Jain, Avdhi Shah, Dharmil Shah, Prof. Mitchell D'Silva, published a paper on **"Smart Kitchen"**, in International Journal of Advance Engineering and Research Development Volume 6, Issue 11, pp. 85-89 in November -2019.
6. Sayanli Sant, Amruthkala Bhat, Neha Tiwari and Purva Raut published a paper on **"Automatic Database Schema Generator"**, in International Journal of Engineering and Technology Volume 6, Issue 11, in November 2019.
7. Jay Chatwani, Yash Nanda, Ankit Patel, Mitchell D'silva published a paper on **"Predicting recession using regression techniques"** in International Journal of Management, Technology and Engineering (IJMTE), ISSN: 2249-7455, Volume IX, Issue XII, pp. 420-425 in December, 2019.
8. Harsh Salvi, Nemil Shah, TilakSatra, Prof. Mitchell D'Silva published a paper on **"Comparison of Techniques to predict Shopper's Intent"** in International Journal of Emerging Technologies and Innovative Research (JETIR), ISSN: 2349-5162, Volume 6 Issue 12, pp. 183-185 in December, 2019.
9. Ansh Shah, Chirag Goyel, Mausam Agrawal, Prof. Mitchell D'silva published a paper on **"Time and Memory Optimization of Apriori algorithm using SON and PCY"**, in International Journal of Management, Technology and Engineering (IJMTE), ISSN: 2249-7455, Volume IX, Issue XII, pp. 118-125 in December, 2019.

### February

1. Sneha Khanna, Himani Rajput, Sakshi Suthar, Mitchell D'silva published a paper on **"CareerInsight"** in International Journal of Management, Technology and Engineering (IJMTE), ISSN: 2249-7455, Volume X, Issue II, pp. 35-41 in February, 2020.

### March

1. Srushti Pathak, Aziz Presswala, Gunjan Jhanwar, Neha Katre published a paper titled **"Proposed Solution for Alzheimer's Patients using Artificial Intelligence based Face**



**Recognition”,** in International Journal of Management, Technology and Engineering, ISSN No: 2249-7455, Volume X, Issue III, March 2020.

- Aditya Kumar, Aditya Chopra, Siddharth Singh, Mitchell D'silva published a paper on **“Analysis of Existing Farmer to Customer Delivery Methodologies”** in International Journal of Management, Technology and Engineering (IJMTE), ISSN: 2249-7455, Volume X, Issue III, pp. 357-360 in March, 2020.

### April

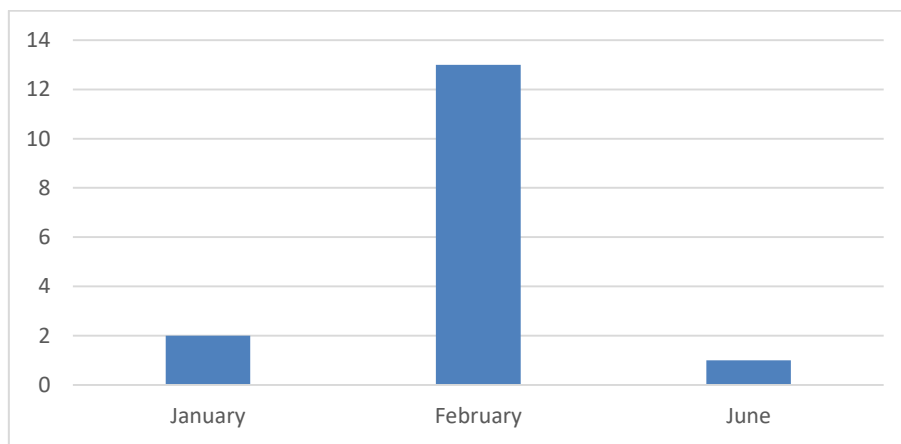
- Jay Chatwani, Ansh Shah, Stevina Correia published a paper **“FoodPool - An application to pool food orders”** in the International Journal of modern trends in engineering and research volume 7 issue 4, April 2020.

### June

- Sneha Khanna, Himani Rajput, Sakshi Suthar, Mitchell D'silva published a paper on **“CareerInsight: An Intelligent Decision Maker”**, in The International Journal of Analytical and Experimental Modal Analysis (IAEMA), ISSN: 0886-9367, Volume XII, Issue VI, pp. 973-980 in June, 2020.

### Paper Published in National / International Conferences

January	2
February	13
June	1
<b>TOTAL</b>	<b>16</b>





### January

1. Purva Raut published a paper on “**Real-time two-way Communication System for Speech and Hearing Impaired using Computer Vision and Deep Learning**” at 2<sup>nd</sup> International conference on Smart Systems and Inventive Technology (ICSSIT 2019) organized by Francis Xavier Engineering College during 27-29 November, 2019 at Tirunelveli, India.
2. Raj Kothari, Bhumi Jakhelia and Prof. Vinaya Sawant published a paper on “**A Distributed Peer-to-Peer Storage Network**” in the 2<sup>nd</sup> International Conference on Smart Systems and Inventive Technology (ICSSIT 2019) organized by Francis Xavier Engineering College during 27-29 November, 2019 at Tirunelveli, India.

### February

1. Raj Kothari, Bhumi Jakheliya and Prof. Vinaya Sawant published a paper titled “**A Distributed Peer-To-Peer Storage Network**” in International Conference on Smart Systems and Inventive Technology (ICSSIT) published in IEEE Explore with doi 10.1109/ICSSIT46314.2019.8987748 dated 10<sup>th</sup> February 2020.
2. TejasVed, Jay Chauhan and Prof. Neha Katre published a paper on “**Syt-Aj: Treating Lazy Eye using Virtual Reality**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper** Award in its track.
3. Aniket Mhatre, Mandar Mhapsekar, Prathamesh Mhapsekar, Dr. Vinaya Sawant published a paper titled “**Implementation of Residual Network (ResNet) for Devanagari Handwritten Character Recognition**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper** Award in its track.
4. Dhvani Kansara, Dr. Vinaya Sawant published a paper titled “**Comparison of Traditional Machine Learning and Deep Learning Approaches for Sentiment Analysis**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020.



5. Apurva Dani, Prof. Purva Raut published a paper titled **“Correlation Between Number of Hidden Layers and Accuracy of Artificial Neural Network”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020.
6. Moxa Doshi, Monil Diwan, Karan Doshi, Prof. Purva Raut published a paper titled **“Face Completion using Generative Adversarial Network”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper Award** in its track.
7. Dhvani Kansara, Aditya Shinde, Yashi Suba and Dr. A. R. Joshi published a paper titled **“Optimizing Reverse Image Search by Generating and Assigning Suitable Captions to Images”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper Award** in its track.
8. Harshita Khandelwal, Harsh Jain, Shreeyaa Agrawal, Dr. Vinaya Sawant published a paper titled **“A Proposed Approach for Financial Investment Recommendation and Decentralized Account Management”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020.
9. Pratik Nalage, Jay Parekh, Arjav Metha, and Abhijit R. Joshi published a paper titled **“Advanced Text Summarization”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020.
10. Purva Raut, Viraj Mehta and Akshen Kadakia published a paper titled **“Juxtaposing Deep Learning Architectures for Breast Cancer Classification”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT



and Computer Departments on 28th-29th February 2020. The paper also won the **Best Paper** Award in its track.

11. Aman Jain, Bhumi Chitroda, Aditya Dixit, Prof. Harshal Dalvi published a paper titled **“Blockchain Powered Real Estate System”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2nd International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020.
12. Ameya Kasbekar, Rashmi Rana, Vidhi Shah and Dr. Abhijit R. Joshi published a paper titled **“Detecting Offensive Text on Facebook using Natural Language Processing and Machine Learning”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2nd International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28th-29th February 2020.
13. Soham Tendulkar, Alban Rodriques, Keval Patel and Prof. Harshal Dalvi published a paper titled **“System to fight Counterfeit Drugs”**, in Springer book Series, “Algorithms for Intelligent Computing”, in 2nd International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28th-29th February 2020.

## **June**

1. Jeet Bhatelia, Sagar Pandita, Abhishek Ajmera and Neha Katre presented a paper titled **“Supply Chain of Relief Materials using Blockchain”** in the first International Conference on Automation, Computing and Communication (ICACC-2020) which was conducted virtually on June 27-28, 2020. This conference was organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, India.



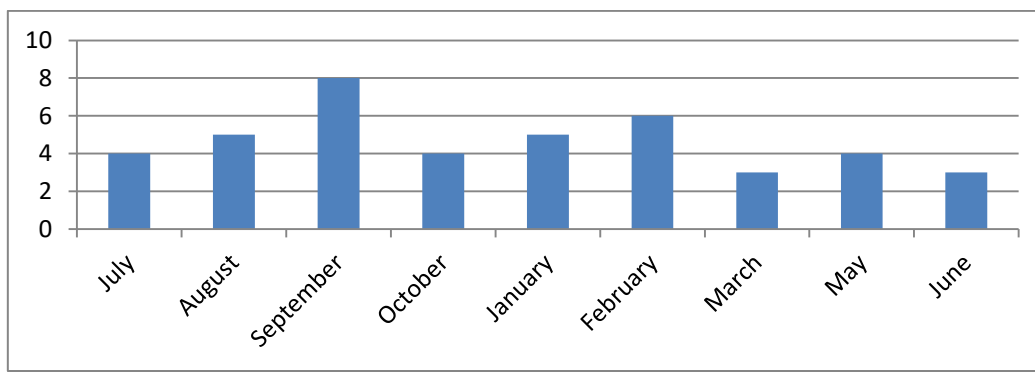
### Interaction of Faculty with Outside World

1. Prof. Purva Raut conducted Expert Session on “Writing Technical Paper” on 5th March 2020 at SNTD University, Santacruz from 2.30 pm to 4.30 pm.
2. Prof. Harshal Dalvi conducted a webinar on “Safe and Contactless Digital Payments” on 2<sup>nd</sup> June 2020 from 3:00-4:00pm. The webinar was organized for the support staff of SVKM.
3. Dr. A. R. Joshi and Prof. Neha Katre conducted a webinar on “MS Word (for Beginners)” on 4th June 2020 from 2:00-5:30 pm. The webinar was organized for the support staff of SVKM.
4. Prof. Neha Katre and Prof. Harshal Dalvi conducted a webinar on “MS PowerPoint” on 10th June 2020 from 2:00-4:00 pm. The webinar was organized for the support staff of SVKM.
5. Dr. A. R. Joshi and Prof. Neha Katre conducted a webinar on “MS Word (Advanced)” on 11th June 2020 from 2:00-4:00 pm. The webinar was organized for the support staff of SVKM.
6. The department conducted Board of Studies Meeting on 5<sup>th</sup> June 2020 to finalize the syllabus for Second Year. The meeting was conducted online on Microsoft Teams from 2:30-5:00pm. The meeting was attended by Dr. Sasikumar, Dr. Padmaja Joshi, Dr. J. W. Bakal, Mr. Devesh Rajadhyax, Mr. Dhyanesh Shah, Dr. Hari Vasudevan, Dr. A. C. Daptardar, Dr. Manali Godse and all the faculty members of the IT department.

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

July	4
August	5
September	8
October	4
January	5
February	6
March	3
May	4
June	3
<b>TOTAL</b>	<b>42</b>





### July

1. Swapneel Mehta, an alumni of Computer Department, conducted a session to guide students of TE IT for internships, placements and higher studies. The session was organized on 9th July 2019 from 12:15pm – 1:15 pm.
2. An expert session on “**Research Paper writing**” was organized for TE and BE students on 26<sup>th</sup> July 2019 from 12:00pm- 2:00pm. The resource person for the session was Prof. Prathamesh Churi, Assistant Professor, computer Department, MPSTME.
3. IT department alumni, viz., Arjav Mehta, Deep Sanghvi, Aditya Shinde, Harshal Kapadia, Jeel Sukhadia, Jash Thakar and Niket Shah conducted a session to share knowledge about higher studies admissions process with the BE-IT batch of 2020.
4. A coding competition was planned by the Programming Club of DJSCE, viz, Codestars, on 14th and 15th of June 2019 for all the students. The competition was aimed for SE’s, TE’s and BE’s. The competition was a 24hr competition that the students could participate in, online. There were two divisions, Div1 and Div2 for this competition. The website URL for:  
Div1: <https://www.hackerrank.com/codestars-contest-div1>  
Div2: <https://www.hackerrank.com/codestars-contest-div2>

### August

1. Prof. Purva Raut conducted a session on “**Logic Building**” for the newly admitted FE students on 2<sup>nd</sup> August 2019 from 10:00am to 12:00 noon.
2. The IT department organized an interaction session for the FE students on 3<sup>rd</sup> August 2019 from 11:00 am to 1:00 pm. Mr. Amar Mehta and Mr. Nilay Shah, alumni of IT





department alongwith current BE students, viz., Shreeya Agrawal, Harsha Jain, Neha Udeshi, YashviUpadhyay and Gargi Vyas interacted with the students.

3. Prof. Neha Katre organized a workshop for SE students on “**Learning Database Connectivity**” on 22<sup>nd</sup> August 2019 from 1:00pm – 3:00pm and on 30<sup>th</sup> August 2019 from 7:00am – 9:00am. The workshop was conducted by Mr. Dharmil Khandar and Mr. Raj Parekh, current BE students.
4. A guidance session on **Placement and Interview process** was arranged for BEIT on 31st August, 2019. Lekhraj Varshney, Parth Oza, Viraj Mehta, Akshen Kadakia conducted the session. 20 students from BEIT attended the same.
5. The third lecture of Lecture series for Competitive Programming was conducted by the members of the Codestars Committee on 30<sup>th</sup> August 2019. The lecture was conducted to get student aware of various Number theories so that they can apply it to solve various competitive problems which are based on number theory. The speakers of the session were Vatsal Sonigara, Aman Shah, Rushil Shah, Harsh Jain.

### September

1. Prof. Harshal Dalvi organized an expert lecture on “**Infrastructure Security and Applications**” for BE students on 14<sup>th</sup> September 2019 from 12:00-2:00. Prof. Saurabh Patil, Assistant Professor, St. Xaviers Institute of Engineering, Mahim, conducted the session. Around 40 students attended the session.
2. A session on **ICPC and competitive coding** was conducted by alumnus (2015-16) LekhrajVarshney and Harsh Jain (BEIT) on 14<sup>th</sup> September 2019. 54 students of SEIT attended the same.
3. The fourth lecture of Lecture series for Competitive Programming was conducted by the members of the Codestars Committee on 13<sup>th</sup> September 2019. The lecture was conducted to get students aware of the special data structure called graphs. The speakers were Vatsal Sonigara, Aman Shah, Rushil Shah.
4. A Seminar on **Study in France** by Campus France Mumbai- Speaker name: Vikash Golla was organized for BEIT on 23<sup>rd</sup> September 2019. 57 students were present for the same.
5. The fifth lecture of Lecture series for Competitive Programming was conducted by the members of the Codestars Committee on 27<sup>th</sup> September 2019. The lecture was conducted to get students aware of the Prims and Dijkstra's Algorithm. The Speakers were Vatsal Sonigara, Aman Shah, Rushil Shah.



6. Prof. Neha Katre organised an expert session on “**Indexing in Databases using B-trees**” for SE students on 28<sup>th</sup> September 2019 from 9:30-11:30. The session was conducted by Dr. A. R. Joshi. Around 50 students attended the session.
7. Prof. Vinaya Sawant and Prof. Neha Katre organised an expert session on “**Mobile Database using SQLite and Firebase**” for TE students on 30<sup>th</sup> September 2019 from 10:30-12:30. The session was conducted by Prof. Apurva Joshi. Around 60 students attended the session.
8. DJInit.ai organized a session for the students of SE-IT class on “**What is Data Science and AI?**” on 27<sup>th</sup> September 2019 in classroom 61 at 08:00 to 9:30 am.

### October

1. DJ CodeStars, the programmer's club organised a lecture on **Kruskal's Algorithm and Disjoint Sets**. The session was conducted by Vatsal Sonigara, Rushil Shah on 4<sup>th</sup> October 2019 from 2:00pm-4:00pm.
2. Prof. Vinaya Sawant and Prof. Neha Katre organized an expert session on “**Hadoop Architecture**” on 9<sup>th</sup> October 2019 from 12:00-1:00 for third year students. The session was conducted by Dr. Neepa Shah. Approximately 50 students attended the session.
3. DJ CodeStars, the programmer's club organised a lecture on **Introduction to Dynamic Programming**. The session was conducted by Vatsal Sonigara, Rushil Shah and Aman Shahon 11<sup>th</sup> October 2019 from 2:00pm-4:00pm.
4. DJInit.ai organised a session for students of SE-IT class on “**Introduction to Machine Learning**” on 4<sup>th</sup> October 2019 in classroom 61 at 09:30 to 11:30 am.

### January

1. CSI organized a one-hour seminar for SE and TE - IT students on 24<sup>th</sup> January, 2020. The seminar was conducted by Admit Abroad and was based on **GRE and abroad education for students**.
2. **Codeshastra Round 0** was conducted on 26<sup>th</sup> January, 2020 and was a huge success. The entire set up was done and participants had started coding by 8am. Four problem statements were shared with the participants on the previous morning which helped the participants to install the required software. The implementation of the project was to be done in 7 hours from 8 am - 3 pm on the day of the round. There were mentors who were taking rounds asking every team which problem statement they were working on and



what approach they were following and helping the participants with the approach. After 3 pm, teams were called class-wise for the presentation of their projects. Out of the 60 teams participating, 20 teams were shortlisted for round 1 which was a 24-hour hackathon.

3. The two-day lecture series for competitive programming was conducted by the members of the Codestars Core and Co-Committee on 10th and 11th January 2020 . The lecture was conducted to get student aware of the concept of competitive coding. The speakers were Riddham Gadia, Smit Chatwani, Yash Chachhad, Harsh Jain, Nilay Bhatia.
4. A two-day lecture series for competitive Programming was conducted by the members of the Codestars Committee on 21<sup>st</sup> January 2020. The lecture was conducted to get student aware of the concept of competitive coding. The speakers were Riddham Gadia, Rayyan Merchant, Nilay Bhatia.
5. Round 0 of Code-Unicode was held on 24th January, 2020. It was held from 9.00PM to 12.00AM.

## **February**

1. An internal **Smart India Hackathon** for a Software edition was successfully organized in IT Department on 7th February 2020. 55 teams each of size 6 participated in the Hackathon and these teams will be providing the solution in the form of software for the problem statements floated by various Ministries under Government of India. The judges from Industry and Academics selected top 9 teams that will represent the college for the finale round of SIH.
2. Final Round of Code-Unicode was organized on 21st February 2020. It was an on-site round that took place in DJ Sanghvi College on 6th floor. It was a 3hour on site round from 11.15AM - 2.15PM.
3. The departments of Information Technology and Computer Engineering jointly organized the 2<sup>nd</sup> International Conference on **Advanced Computing Technologies and Applications (ICACTA-2020)** on 28<sup>th</sup> and 29<sup>th</sup> February 2020. The papers presented in the conference will be published in Springer book Series, "Algorithms for Intelligent Computing".
4. DJInit.ai organized a session for students of SE-IT class on "**Introduction to Python**" on 5th February 2020 in classroom 61 at 08:00 to 9:30 am.
5. DJInit.ai organized a session for the students of SE-IT class on "**Introduction to Python -II**" on 12th February 2020 in classroom 63 at 08:00 to 9:30 am.



6. DJInit.ai organized a session for the students of SE-IT class on “**Linear Regression**” on 14th February 2020 in classroom 61 at 08:00 to 9:30 am

### March

1. DJCSI organized a one-hour seminar for SE and TE - IT students on 4th March, 2020. The seminar was conducted by Edubroad.
2. DJCSI organized its flagship event **CodeShastra 6.0** on 7<sup>th</sup> - 8<sup>th</sup> March, 2020. CodeShastra 6.0 witnessed over 90 teams from various parts of the country making it the highest participation in any at DJSCE.
3. A session for SE-IT on “Gradient Descent” was organised on 4th March 2020 in classroom 61 at 09:30 to 11:30 am by DJInit.ai

### May

1. An online session for placement guidance was conducted for the students of TEIT (2019-2020 batch) on 22nd May 2020. The session was conducted online through the Microsoft Teams platform at 4:00pm. The session was 3 hours and 25 minutes long and ended at 7:25pm. The following were the speakers during the session.

Speaker	Company	Role
SagarPandita	WTW	Software Developer
TarangNagda	Cimpress	Software Engineer
Urvi Shah	J. P. Morgan	Analyst in Software Engineering Program
MaitriThaker	J. P. Morgan	Analyst for Software Developer Program
Yogesh Muraka	J. P. Morgan, Athenas Owl	Software Analyst, Software Engineer
Aditya Chopra	TCS Digital	Systems Engineer
Siddharth Singh	Quantiphi	Framework Engineer
BhumilJakheliya	Wissen Tech.	Analyst
Sneha Khanna	BNP Paribas, LTI	Software Engineer
Harsh Jain	Accolite, TCS Digital	Software Engineer, Systems Engineer
Rishi Maniyar	Quantiphi	Business Analyst
Dharmil Shah	EY	Analyst in Advisory
JeetBhatelia	Jio	Assistant Manager (Information Security)
Ajay Lad	Deloitte	Senior Analyst



- An online session for placement guidance was conducted for the students of TEIT batch 2019-2020 on **23<sup>rd</sup> May 2020**. The session was conducted online through the Zoom platform at 11:00am. The session was 3 hours long and ended at 2:00pm. The session started with speakers who were the alumni of D. J. Sanghvi College of Engineering. These BEIT students had already been through the entire placement process and had been placed in companies like Google, Morgan Stanley, J. P. Morgan, Media.Net, etc. The session started with Mr. Vinit Nalhe who introduced his fellow speakers. The following were the speakers during the session.

Speaker	Company	Role
Vinit Nalhe	Google	Software Engineer
LekhranjVarshney	J. P. Morgan	Associate Software Developer
Nilay Shah	Morgan Stanley	
Jash Kothari	Edcast	Software Development Engineer
Karen Carvalho	Morgan Stanley	

- Prof. Prachi Tawde organized a “Orientation and QnA” session for first year IT students on 25<sup>th</sup> May 2020 at 4:00pm. The session was conducted by Pushkar Bhuse, a student of third year.
- The IT Department alongwith computer Department organized DJ-ASCII 2020, a state level project competition. Out of the total 73 projects received, 65 projects were selected after a rigorous review by the panel of experts. Students had presented their project ideas through technical paper and abstract of selected papers are published with ISBN number.

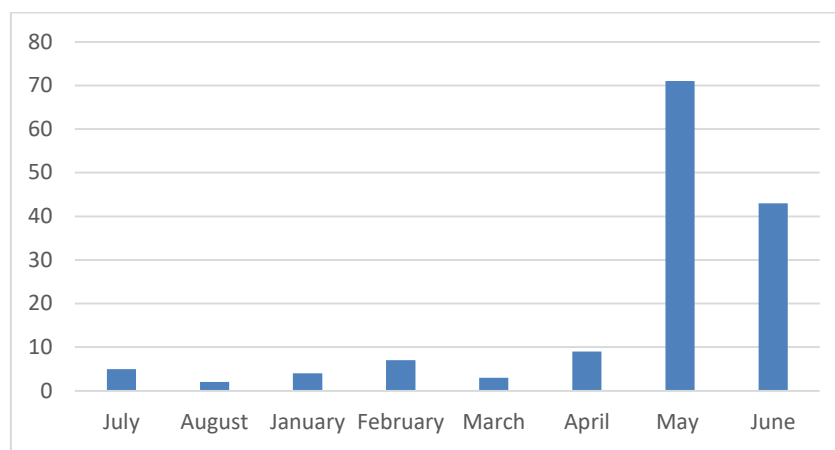
## June

- Prof. Prachi Tawde organized a session “Committee in IT department” for first year IT students on 1<sup>st</sup> June 2020 at 4:00pm. The speakers for the session were students from third year and fourth year viz., Pushkar Bhuse, Aadit Shah, Adnan, Shreeya Agrawal, Harshita Khandelwal.
- DJSCI organized a webinar on “How to succeed in the software Industry” on 20th June 2020 from 11:00am. The speakers were alumni of IT department Mr. Lekraj Varshney and Mr. Ashutosh Parekh.
- DJSCI organized an online coding competition “Codantine” on 23<sup>rd</sup> June 2020 from 9:00-12:00.



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

July	5
August	2
January	4
February	7
March	3
April	9
May	71
June	43
<b>TOTAL</b>	<b>144</b>



July

1. Prof. Neha Katre and Prof. Harshal Dalvi attended a 6-days ISTE approved STTP on “**Enterprise Network Design and Infrastructure Security**” from 24<sup>th</sup> – 29<sup>th</sup> June 2019 organized by Xavier Institute of Engineering.
2. Prof. Neha Katre attended the orientation program on “**Enterprise Network Design and Network Design Lab**” on 4<sup>th</sup> July 2019 at K J Somaiyya Institute of Engineering and Information technology.
3. Prof. Harshal Dalvi attended the orientation program on “**Cyber Security and Laws**” on 12<sup>th</sup> July 2019 from 2:00pm – 5:00pm organized by Computer Department, DJSCE.
4. Prof. Harshal Dalvi attended the orientation program on “**Infrastructure Security and Advanced Security Lab**” on 1<sup>st</sup> July 2019 at Thadomal Shahani Engineering College.
5. Prof. Purva Raut attended a workshop on “**Avishkar Research Convention**” on 30<sup>th</sup> July 2019 at Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai.





### August

1. Dr. Meera Narvekar, Dr. A. R. Joshi, Prof. Vinaya Sawant, Prof. Purva Raut, Prof. Neha Katre and Prof. Harshal Dalvi attended an expert session on **“Industry 4.0 and future of Artificial Intelligence”** by Dr. Karsten Wendland on 20<sup>th</sup> August 2019 from 2:00pm to 5:00pm at the Mukesh Patel Auditorium. The session was jointly organized by MPSTME, DJSCE and SBMP.
2. Prof. Stevina Correia and Prof. Mitchell D’silva attended a Faculty Development Programme on **Experiential Learning, Automation in IT industry, Machine Learning and Business Ethics** held on 19th August, 2019 at TCS Yantra Park.

### January

1. Prof. Purva Raut participated in **one-day workshop on R** at Vidyavardhini’s College of Engineering and Technology, Vasai, Thane on 9<sup>th</sup> November 2019.
2. Dr. Vinaya Sawant, Dr. A. R. Joshi, Prof. Purva Raut, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Arjun Jaiswal, Prof. Anusha Vegesna, prof. Stevina Correia, Prof. Mitchell D’silva, Prof. Prachi Tawde and Prof. Neha Kesho Ram attended a Faculty Development programme on **“Blockchain Technology and Applications”** on 10th and 11th January 2020.
3. Dr. Vinaya Sawant, Dr. A. R. Joshi and Prof. Neha Katre attended an Expert Lecture on **“Effective Pedagogy in Class Room Teaching of Engineering Education”** by Dr. Ramkumar Rajendran, IIT Bombay on 8th January 2020 at 10.30 AM at Room No. 44.
4. Dr. Vinaya Sawant, Dr. A. R. Joshi, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Arjun Jaiswal, Prof. Anusha Vegesna, prof. Stevina Correia, Prof. Mitchell D’silva, Prof. Prachi Tawde and Prof. Neha Kesho Ram attended a FDP on **“Recent Computing Technology”** on 4th January 2020 organised by Department of Computer Engineering and TCS.

### February

1. Dr. Vinaya Sawant attended an orientation session on **“New Assessment Sheet”** conducted by Dr. A. R. Joshi on 3<sup>rd</sup> February 2020. The session was organised by IQAC cell of DJSCE.
2. Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Arjun Jaiswal, Prof. Anusha Vegesna attended an orientation session on **“New Assessment Sheet”** conducted by Dr. A. R. Joshi on 5<sup>th</sup> February 2020. The session was organised by IQAC cell of DJSCE.



3. Prof. Purva Raut, Prof. Stevina Correia, Prof. Mitchell D'silva attended an orientation session on **"New Assessment Sheet"** conducted by Dr. A. R. Joshi on 7<sup>th</sup> February 2020. The session was organised by IQAC cell of DJSCE.
4. Prof. A. R. Joshi attended **4 weeks NPTEL** course on **"Effective Engineering Teaching in Practice"** from 27th Jan 2020 to 22nd Feb 2020.
5. Prof. A. R. Joshi attended **4 weeks NPTEL** course on **"Designing Learner-centric MOOC"** from 27th Jan 2020 to 22nd Feb 2020.'
6. Prof. Neha Katre attended **4 weeks NPTEL** course on **"Effective Engineering Teaching in Practice"** from 27th Jan 2020 to 22nd Feb 2020.
7. Dr. Vinaya Sawant attended **4 weeks NPTEL** course on **"Effective Engineering Teaching in Practice"** from 27th Jan 2020 to 22nd Feb 2020.

### March

1. Dr. A. R. Joshi attended **one-day workshop** on **"Unlock Limitless Learning"** #Learn The Next Higher Education Customer, focusing on the Transform the learning experience at Institute, on 02<sup>nd</sup> March 2020 organised by Microsoft, Mumbai.
2. Prof. Neha Agarwal attended an **8 weeks NPTEL** course by AICTE-NITTT on **"Student Assessment and Evaluation"** from 15th Mar 2020 to 15May 2020.
3. Dr. A. R. Joshi attended **4 weeks NPTEL** course on **"Design Thinking - A Primer"** from 24th Feb 2020 to 21st March 2020.

### April

1. Dr. Vinaya Sawant, Prof. Purva Raut, Prof. Prachi Tawde, Prof. Neha Agarwal attended a **training on Microsoft Teams** on 8<sup>th</sup> April 2020 from 2:00 pm - 4:00pm
2. Dr. A. R. Joshi, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Arjun Jaiswal, Prof. Stevina Correia attended a **training on Microsoft Teams** on 17<sup>th</sup> April 2020 from 1:00-3:00pm.
3. Prof. Neha Agarwal attended a **NPTEL live session** on **The Joy of teaching** on 19<sup>th</sup> April 2020 at 5.00PM.
4. Prof. Neha Katre attended a 5-day Online Workshop Series on **"Getting Started with Online Teaching"** from 28<sup>th</sup> April 2020 to 2<sup>nd</sup> May 2020. The session was organised by Dr. Sasikumar, CDAC.
5. Dr. A. R. Joshi attended a 5-day Online Workshop Series on **"Getting Started with Online Teaching"** from 28<sup>th</sup> April 2020 to 2<sup>nd</sup> May 2020, organised by CDAC, Mumbai.
6. Dr. Vinaya Sawant attended **8-weeks NPTEL** course on **"Cloud Computing"** from 24th Feb 2020 to 8th April 2020.





7. Prof. Harshal Dalvi has completed an online course (**11 weeks**) on '**Machine Learning**' authorized by 'Stanford University' and offered through 'Coursera'.
8. Prof. Neha Katre attended a **NPTEL Live lecture** on “**Science and Technology in Cricket**” on 26<sup>th</sup> April 2020 from 12:00-1:00. The session was conducted by Dinesh Kartik.
9. Prof. Neha Katre completed the **National Level Online Quiz** on “**Digital Learning Resources**” on 30th April 2020, organized by Shree L.R Tiwari College of Engineering, Mira Road, Thane.

### May

1. Prof. A. R. Joshi attended 4th e-session of “**Entrepreneurship Development: Role of Network Enablers in driving Innovation & Entrepreneurship Ecosystem in HEIs - A Case of TiE, India**” by Ms. GeetikaDayal” on 1st May 2020, organized by Innovation Cell, Ministry of HRD, India.
2. Prof. A. R. Joshi attended a webinar on “**Health & Wellness - Improve Immune System, Healthy Life, Increased Energy and Make Stress Free Life**” on 3rd May 2020 from 6:00 pm - 7:00 pm, organised by Fitmania Club, Mumbai.
3. Dr. Vinaya Sawant completed a UdeMy Course on “**Amazon Web Services: An Introduction**”
4. Dr. A. R. Joshi attended a webinar on “**Leveraging Technology in Education**” on 4th May 2020, organised by McGraw-Hill, International, India.
5. Prof. A. R. Joshi attended a webinar on “**Identifying weaker students and remedial actions**” on 4th May 2020, organised by InPods Ed-tech, Pune.
6. Prof. A. R. Joshi attended a webinar on “**Importance of Nutrition**” on 4th May 2020 from 6:00 pm - 7:00 pm, organised by Fitmania Club, Mumbai.
7. Prof. Harshal Dalvi has completed one week Online FDP on “**R Programming**” with hands-on exposure organised in association with Spoken-Tutorial project, IIT Bombay from 27th April 2020 TO 2nd May 2020 remotely by P.V.P.P. College of Engineering, Mumbai-22.
8. Prof. Harshal Dalvi has successfully completed **IBM Cognitive Class Data Science Orientation (3 weeks)** powered by Coursera.



9. Prof. Harshal Dalvi has successfully completed an **online course 'Cryptocurrency and Blockchain'** authorized by University of Michigan and offered through Coursera on 7th May 2020.
10. Dr. A. R. Joshi attended an **Academic Council Meeting** of Thakur College of Engineering & Technology, Mumbai on 5th May 2020 from 3:00 pm - 5:00 pm.
11. Dr. A. R. Joshi attended a webinar on **“Accreditation Management System”** on 6th May 2020, organised by InPods Ed-tech, Pune.
12. Prof. A. R. Joshi attended a webinar on **“Cyber Crime during Covid 19 virus, its prevention and protection by Dr. Harold D’Costa”** on 7th May 2020, organised by SVKM's Mithibai College, Mumbai.
13. Dr. A. R. Joshi completed the **Online Quiz** on **“Awareness of Outcome-Based Education Paradigm among Teachers”** with passing score 93% on 11th May 2020, organized by Department of Computer Engineering, Shree L.R Tiwari College of Engineering, Mira Road, Thane.
14. Dr. A. R. Joshi attended a webinar on **“Research Workflows, Research Metrics & Excellence in Academic Institutes”** on 12<sup>th</sup> May 2020, co-organized by Elsevier and AICTE.
15. Dr. A. R. Joshi attended 11th e-session of **“Entrepreneurship Development: Innovating Self - Screen and Identify right opportunities by Prof. Sanjay Inamdar”** on 13th May 2020, organized by Innovation Cell, Ministry of HRD, India.
16. Dr. Vinaya Sawant has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
17. Dr. Vinaya Sawant attended **Virtual Lab (Microsoft-PlatiFi Solutions) Demo Session** organized by SVKM on 26th May 2020 from 4pm to 5:30pm.
18. Prof. Purva Raut has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
19. Prof. Neha Agarwal has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.



20. Prof. Neha Agarwal has successfully completed an **online course “Google Cloud Platform Fundamentals: Core Infrastructure”** by google cloud and offered through coursera on 12th May 2020.
21. Prof. Neha Agarwal has successfully completed a **4-week online course “Enterprise System Management and Security”** authorized by University of Colorado System through coursera on 30th May 2020.
22. Prof. Neha Agarwal has participated in **Online FDP on Data Science** from 26th May to 30th May 2020, by Fr. Conceição Rodrigues College of Engineering, Bandra Mumbai
23. Prof. Neha Katre has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
24. Prof. Neha Katre has successfully completed a **4-weeks online course “SQL in Data Science”** authorized by University of California offered through coursera on 26th May 2020.
25. Prof. Neha Katre completed the **Online Quiz on “Python Programming”** on 22nd May 2020, organized by K.C.College of Engineering & Management Studies & Research, Thane(E).
26. Prof. Anusha Vegesna has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
27. Prof. Stevina Correia attended Three Days National Level Webinar Series on **"Exploring Current Trends in Information Technology"** organized by department of Information Technology, Shree L.R Tiwari College of Engineering, Mira Road, Thane from 21st May to 23rd May 2020.
28. Prof. Stevina Correia completed the **Online Quiz on “Fundamentals of Computer Science”** on 18th May 2020, organized by CSI-VIVA tech student chapter, Department of Computer Engineering, Viva Institute of Technology.
29. Prof. Stevina Correia completed a 4 course specialization on **Introduction to Applied Cryptography** offered by University of Colorado on Coursera. The courses completed in this specialization are: Classical Cryptosystems and Core Concepts, Mathematical Foundations for Cryptography, Symmetric Cryptography, Asymmetric Cryptography and Key Management.



30. Prof. Stevina Correia completed the **Covid-19 Awareness Quiz** organized by Fr. Conceicao Rodrigues College of Engineering on 31st May 2020.
31. Prof. Stevina Correia completed the **online Quiz on Data Science** organized by Fr. Conceicao Rodrigues College of Engineering on 31st May 2020.
32. Dr. Vinaya Sawant attended a webinar **titled "AICTE's Examination Reform Policy Thrust on Outcome based Education"** conducted on behalf of the Faculty of Science and Technology by Dr. Anuradha Majumdar, Dean, Science and Technology University of Mumbai scheduled on 27th May, 2020.
33. Prof. Purva Raut attended a webinar **titled "AICTE's Examination Reform Policy Thrust on Outcome based Education"** conducted on behalf of the Faculty of Science and Technology by Dr. Anuradha Majumdar, Dean, Science and Technology University of Mumbai scheduled on 27th May, 2020.
34. Dr. Vinaya Sawant completed the **Covid-19 Awareness Quiz** organized by Fr. Conceicao Rodrigues College of Engineering on 31st May 2020.
35. Prof. Prachi Tawde has successfully completed **Python 3.4.3** training from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
36. Prof. Prachi Tawde has successfully completed **Online FDP on Data Science** from 26th May to 30th May 2020, by Fr. Conceição Rodrigues College of Engineering, Bandra Mumbai.
37. Prof. Mitchell D'silva has successfully completed **Python 3.4.3 training** from 3rd May to 7th May 2020, organized at Dwarkadas J Sanghvi College of Engineering by the Spoken Tutorial Project, IIT Bombay.
38. Prof. Neha Katre has successfully completed **Online FDP on Data Science** from 26th May to 30th May 2020, by Fr. Conceição Rodrigues College of Engineering, Bandra Mumbai.
39. Dr. A. R. Joshi has successfully completed **Online FDP on Data Science** from 26th May to 30th May 2020, by Fr. Conceição Rodrigues College of Engineering, Bandra Mumbai.
40. Prof. Neha Katre completed the **online Quiz on Data Science** organized by Fr. Conceicao Rodrigues College of Engineering on 31st May 2020.
41. Dr. A. R. Joshi completed the **online Quiz on Data Science** organized by Fr. Conceicao Rodrigues College of Engineering on 31st May 2020.



42. Prof. Neha Katre attended a webinar on **“Beginner with Python-Maths”** on 29th May 2020 from 5:00-7:00pm. The webinar was organised by SkillVille. The speaker for webinar was Prof. Jay Borade.
43. Prof. Neha Katre attended a webinar on **“Build a Rewarding Career as a Data Analyst”** on 31st May 2020 from 4:00-6:00pm. The webinar was organised by SkillVille. The speaker for the webinar was Mr. SudhanshuSaxena, Sr. Data Scientist & Machine Learning Expert, Ex-Accenture.
44. Prof. Purva Raut attended a webinar on **“Build a Rewarding Career as a Data Analyst”** on 31st May 2020 from 4:00-6:00pm. The webinar was organised by SkillVille. The speaker for the webinar was Mr. SudhanshuSaxena, Sr. Data Scientist & Machine Learning Expert, Ex-Accenture.
45. Dr. Vinaya Sawant attended **“International Web Conference on Impact of COVID-19 on Education System”** Organized by Dr. Babasaheb Ambedkar Marathwada University in association with CSI on 30th May.
46. Dr. A. R. Joshi attended a webinar on **“Star Certified DevOps Expert”** on 13th May 2020 from 7:00 PM - 8:00 PM, organized by Star Certification, India.
47. Dr. A. R. Joshi attended a webinar on **“Star Ethical Hacking Expert (EHE)”** on 14th May 2020 from 6:00 PM - 7:00 PM, organized by Star Certification, India.
48. Dr. A. R. Joshi attended a webinar on **“NAAC: Systematic Data Organisation and Presentation”** on 16th May 2020 at 5.00 pm, organized by IQAC-VIT, Mumbai.
49. Dr. A. R. Joshi attended a webinar on **“Star Cloud Computing X-pert: Industry Perspective of Cloud Computing”** on 16th May 2020 from 7:00 PM - 8:00 PM, organized by Star Certification, India.
50. Dr. A. R. Joshi attended a webinar on **“Big Data Analytics”** on 18th May 2020 from 6:45 PM - 7:45 PM, organized by Star Certification, India.
51. Dr. A. R. Joshi attended a webinar on **“Augmented Reality Fundamentals and Development”** on 18th May 2020, organized by NPTEL Lecture Series Week 6, India.
52. Dr. A. R. Joshi attended a Web Summit on **“2020 Workforce Transformation CIO Rethink & Reprioritize”** on 20th May 2020 from 1:30 pm to 5:30 pm, organized by GEC Media Group and Global CIO Forum.
53. Dr. A. R. Joshi attended a webinar on **“Support Your Remote Workforce with VDI on Cisco HyperFlex”** on 21st May 2020 from 10:30 am to 11:30 am, organized by Cisco Commerce India Private Limited.



54. Dr. A. R. Joshi attended a webinar on **“Getting Job Ready for Post Covid Era by Sandeep Kochhar Founder and Storyteller - Blew Minds Consulting”**, on 21st May 2020 from 3:00 pm to 4:00 pm, organized by McGraw-Hill, International, India.
55. Dr. A. R. Joshi attended a webinar on **“Star Android Programming”** on 21st May 2020 from 6:00 PM - 7:00 PM, organized by Star Certification, India.
56. Dr. A. R. Joshi attended a webinar on **“Artificial Intelligence Demystified”** by Prof. U Dinesh Kumar, Indian Institute of Management Bangalore, on 22nd May 2020, organized by Wiley India.
57. Dr. A. R. Joshi attended a webinar on **“Turn the Challenges to Opportunities: COVID-19 Pandemics and measures to combat by Higher Education of India”** by Union Human Resource Development Minister Dr. Ramesh Pokhriyal ‘Nishank’ ji, on 27th May 2020, hosted by National Assessment and Accreditation Council, Bengaluru.
58. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“Awareness of Outcome-Based Education Paradigm”** organized by Department of Computer Engineering, Shree L.R Tiwari College of Engineering, Mira Road on 22nd May 2020
59. Prof Arjun Jaiswal participated and successfully completed an online quiz on **“COVID-19 Awareness”** organized by Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai on 31st May 2020
60. Prof Arjun Jaiswal participated and successfully completed an online quiz on **“Data Science”** organized by Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai on 31st May 2020
61. Prof Arjun Jaiswal attended a webinar on **“IoT for Music Therapy”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 24th May 2020
62. Prof Arjun Jaiswal attended a webinar on **“REACT (Web Development)”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 24th May 2020
63. Prof Arjun Jaiswal attended a webinar on **“Research Paper Writing”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 25th May 2020





64. Prof Arjun Jaiswal attended a webinar on **“Code Quality: Impact on Project Health & Business Prospects”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 26th May 2020
65. Prof Arjun Jaiswal attended a webinar on **“Program Analysis & Testing”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 27th May 2020
66. Prof Arjun Jaiswal attended a webinar on **“Next-Generation Computing”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 28th May 2020
67. Prof. Arjun Jaiswal participated in One Week Online FDP on **“Data Science”** organized by the Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai on 31st May 2020 from 26th May 2020 to 30th May 2020
68. Prof. Arjun Jaiswal completed a course on **“C for Everyone: Programming Fundamentals”** offered by University of California, Santa Cruz on Coursera on 28th May 2020
69. Prof. Mitchell D’silva completed a 7-week online course on **“Programming for Everybody (Getting Started with Python)”** by University of Michigan offered through Coursera on 21st May, 2020..
70. Prof. Mitchell D’silva completed a 4-week online course on **“Python Basics”** by University of Michigan offered through Coursera on 28th May, 2020.
71. Prof. Mitchell D’silva completed a 7-week online course on **“Python Data Structures”** by University of Michigan offered through Coursera on 20th May, 2020.

## June

1. Prof. Stevina Correia completed an **online course on Cryptographic Hash and Integrity Protection** offered by University of Colorado on Coursera.
2. Prof. Stevina Correia completed an **online course on Python Programming Essentials** offered by Rice University on Coursera.
3. Prof. Stevina Correia completed a 4-week online course on **Python Basics** offered by University of Michigan on Coursera on 9th June.
4. Prof. Stevina Correia completed an **online Quiz on NAAC awareness Quiz** for faculty organized by Terna College of Engineering.



5. Prof. Stevina Correia attended an online quiz on **“Machine Learning”** organized by Department of Engineering Sciences, Marathwada Mitra Mandals Institute of Technology, Lohgaon Pune on 3/6/2020.
6. Prof. Stevina Correia participated and passed an online quiz on **“Awareness of IPR and its significance”** organized by K. K. Wagh Institute of Engineering education and research, Nasik on 3/6/2020.
7. Prof. Stevina Correia has successfully completed a 2 day Faculty Development Program on **“Advanced Computing & Communication Technologies for Industry 4.0”** organized by Department of Computer Engineering, DJSCOE on 12th and 13th June, 2020.
8. Prof. A. R. Joshi attended a webinar on **“Relevance of IEEE Standards in Teaching, Learning and Industry Collaborations”** by Srikanth Chandrasekaran, Senior Director, Standards & Technology, Lead, Foundation Technology Practice IEEE Standards Association, 4th June 2020, hosted by IEEE EBSCO India Team.
9. Prof. P.urva Raut attended a webinar on **“The Data Science Tsunami”** on 6th June 2020 from 4:00-6:00pm. The webinar was organised by the International School of Artificial Intelligence and Data Science (INSAID)
10. Prof. Vinaya Sawant completed a **4-weeks online course** on **“Introduction to Data Analytics for Business”** offered but University of Colorado on Coursera.
11. Dr. Vinaya Sawant, Dr. A. R. Joshi, Prof. Purva Raut, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Arjun Jaiswal, Prof. Anusha Vegesna, Prof. Stevina Correia, Prof. Mitchell D'silva, Prof. Prachi Tawde and Prof. Neha Agarwal attended **1 week FDP** on **“Improving Teaching Learning Experience Using Best Practices”** from 15<sup>th</sup> June-19<sup>th</sup> June 2020.
12. Prof. A. R. Joshi completed the online Quiz on **“Faculty Awareness Programme on NBA”**, on 12th June 2020 organized by Dr D Y Patil School of Engineering & Technology, Charholi (Bk.), Via. Lohgaon, Pune.
13. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“Machine Learning”** organized by the Department of Computer Engineering, K.K. Wagh Institute of Engineering Education and Research, Nasik on 1st June 2020
14. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“NAAC Awareness Program for Faculty”** organized by the College of Engineering, Osmanabad on 3rd June 2020





15. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“Internet of Things”** conducted by the department of Electronics and Telecommunication Engineering of JSPM's / SBERCT's Bhagwant Institute of Technology, Barshi on 5th June 2020
16. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“World Environment Day”** organized by the NSS Unit of St, John College of Engineering and Management, Palghar on 6th June 2020
17. Prof. Arjun Jaiswal participated and successfully completed an online quiz on **“Disruptive Technologies of Industry 4.0”** organized by Department of Computer Engineering, Fr. Conceicao Rodrigues College of Engineering, Bandra (W), Mumbai on 6th June 2020
18. Prof. Arjun Jaiswal attended a webinar on **“Gateway to Cyber Security”** organized by the Department of Computer Engineering, St. John College of Engineering and Management, Palghar on 3rd June 2020
19. Prof. Arjun Jaiswal attended a webinar on **“Impact of AI during Pandemic Times”** organized by McGraw Hill, India in association with Woxen School of Business on 4th June 2020
20. Prof. Arjun Jaiswal participated in One Week Online FDP on **“Usage of Technology in Covid-19”** organized by the Department of Information Technology, Terna Engineering College, Nerul, Navi Mumbai in association with L&D Technology Pvt. Ltd. Pune and Computer Society of India from 28th May 2020 to 2nd June 2020
21. Prof. Arjun Jaiswal attended and completed online 5 days hands on workshop on **“PATENT SEARCHING, DRAFTING AND FILING”** in association with Turnip Innovations and Exilyze Intellectual Services, IEEE Computer Society and Computer Society of India from 29th May 2020 to 2nd June 2020
22. Prof. Arjun Jaiswal completed a course on **“COVID-19 Contact Tracing”** offered by Johns Hopkins University on Coursera on 4th June 2020
23. Prof. Arjun Jaiswal completed a course on **“Service Oriented Architecture”** offered by the University of Alberta on Coursera on 4th June 2020
24. Prof. Arjun Jaiswal completed a course on **“Single Page Web Applications with AngularJS”** offered by Johns Hopkins University on Coursera on 10th June 2020
25. Prof. Arjun Jaiswal completed a course on **“Object Oriented Design”** offered by the University of Alberta on Coursera on 13th June 2020



26. Prof. Arjun Jaiswal completed a course on “**Design Patterns**” offered by the University of Alberta on Coursera on 13th June 2020
27. Prof. A. R. Joshi attended a webinar on “**CO-PO Attainment Computation and Outcomes Analysis**” on 13th June 2020, organised by InPods Ed-tech, Pune.
28. Prof. Neha Katre attended an FDP on “**Moving to Online Education**” on 16th June 2020 from 11:00-1:00. The FDP was organised by IQAC of DJSCE. The speaker was Dr. Ramkumar Rajendran, Faculty, Dept. of Education Technology, IITB.
29. Prof. Mitchell D’silva completed a 6-week online course on “**Using Python to Access Web Data**” by University of Michigan offered through Coursera on 19th June, 2020.
30. Prof. Mitchell D’silva completed a 5-week online course on “**Python Functions, Files, and Dictionaries**” by University of Michigan offered through Coursera on 11th June, 2020.
31. Prof. Neha Katre attended a 1 week FDP on “**Modern Educational Tool and Pedagogical Practice for Online Teaching**” organised by Vidyalankar Institute of Technology from 21st -25th June 2020.
32. Prof. Neha Katre completed a 4 weeks online course on “**Bits and Bytes of Computer Networking**” from coursera.
33. Prof. Neha Katre completed “**Database Design and Diagramming in Dia**” an online non-credit course authorized by Coursera Project Network and offered through Coursera.
34. Prof. Neha Katre completed “**Intermediate Relational Database and SQL**” an online non-credit course authorized by Coursera Project Network and offered through Coursera.
35. Prof. Mitchell D’silva attended a workshop on “**Artificial Intelligence/Machine Learning and Deep Learning**” organised by DigitalTrack Solutions Pvt. Ltd. in association with NVIDIA on 26th June, 2020.
36. Prof. Vinaya Sawant completed a 4-weeks online course on “**AI for Everyone**” offered by deeplearning.ai through Coursera on 12th June, 2020.
37. Prof. Vinaya Sawant completed a webinar on “**Cloud Computing**” organized by the Department of Computer Engineering, D.J. Sanghvi College of Engineering on 11th June, 2020.
38. Prof. Vinaya Sawant attended a FDP on “**Advanced Computing and Communication Technologies for Industry 4.0**” organized by the Department of Computer Engineering, D.J. Sanghvi College of Engineering on 12th and 13th June, 2020.



39. Prof. Vinaya Sawant completed a webinar on “**Moving to Online Education**” organized by IQAC, D.J. Sanghvi College of Engineering on 16th June, 2020.
40. Prof. Purva Raut attended a webinar on “**Mathematics for Artificial Intelligence**” organised by CSI-Don Bosco Institute of Technology on 25th June, 2020.
41. Prof. Mitchell D’silva attended a FDP on “**Advanced Computing and Communication Technologies for Industry 4.0**” organized by the Department of Computer Engineering, D. J. Sanghvi College of Engineering on 12th and 13th June, 2020.
42. Prof. Mitchell D’silva completed a 7-week online course on “**Capstone: Retrieving, Processing, and Visualizing Data with Python**” with honors distinction by University of Michigan offered through Coursera on 28th June, 2020.
43. Prof. Mitchell D’silva attended a webinar on “**Big Data and Covid 19: Technologies and Applications**” by Dr. Anil Maheshwari from Maharishi International University, US and organized by McGrawHill on 16th June, 2020.

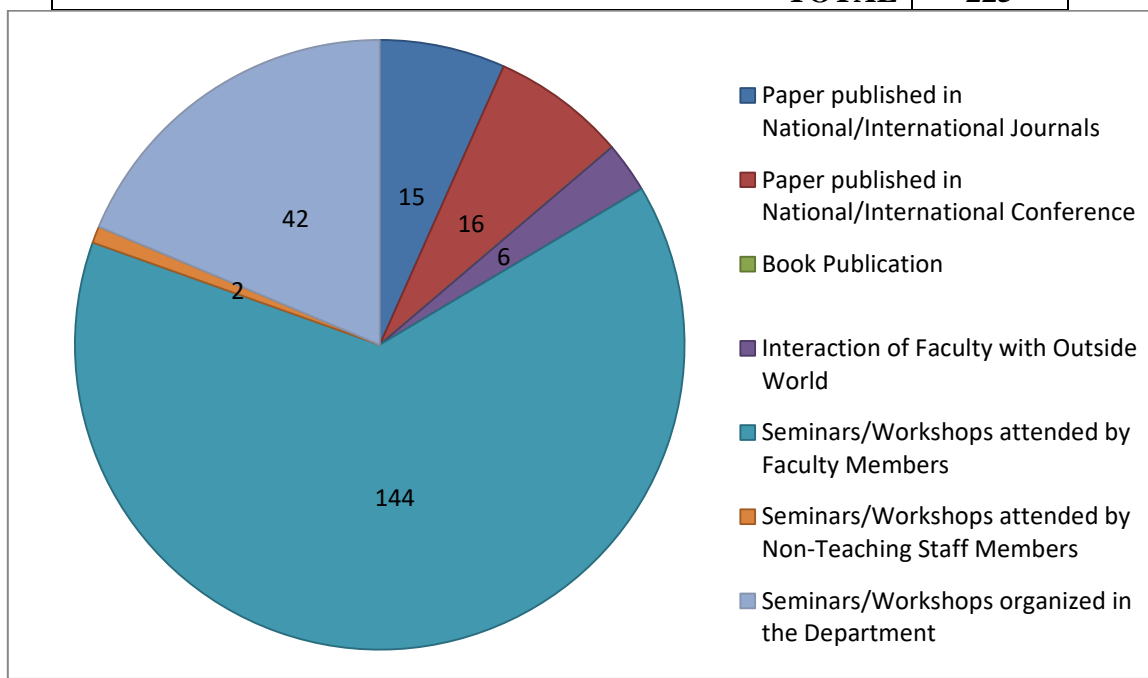
### Seminars/Workshops/FDP/STTP attended by Non-Teaching Staff Members

1. Mrs. Sangeeta Pawar, Mr. Prasad Dhanorkar, Mr. Sanju Uppala, Mr. K. S. Sunil attended a 3days webinar on “**Effective use of IT and Security Services During COVID-19**” from 2<sup>nd</sup>-4<sup>th</sup> June 2020. The webinar included sessions on Secured Uses of Technology, Safe and Contactless Digital Payment Techniques, MS Excel, MS Word(for Beginners). The sessions were conducted by Dr. Narendra Shekokar, Prof. Harshal Dalvi, Prof. Arvind Prasad, Dr. A. R. Joshi and Prof. Neha Katre.
2. Mrs. Sangeeta Pawar, Mr. Prasad Dhanorkar, Mr. Sanju Uppala, Mr. K. S. Sunil attended a 3days webinar on “**Effective Use of Microsoft Office 365 Applications**” from 9<sup>th</sup>-11<sup>th</sup> June 2020. The webinar included sessions on Automation Using Office 365 and Excel, Effective Use of Office 365, MS PowerPoint, MS Word (Advanced). The sessions were conducted by Dr. Ram Mangrulakar, Prof. Pankaj Sonavane, Prof. Harshal Dalvi, Dr. A. R. Joshi and Prof. Neha Katre.



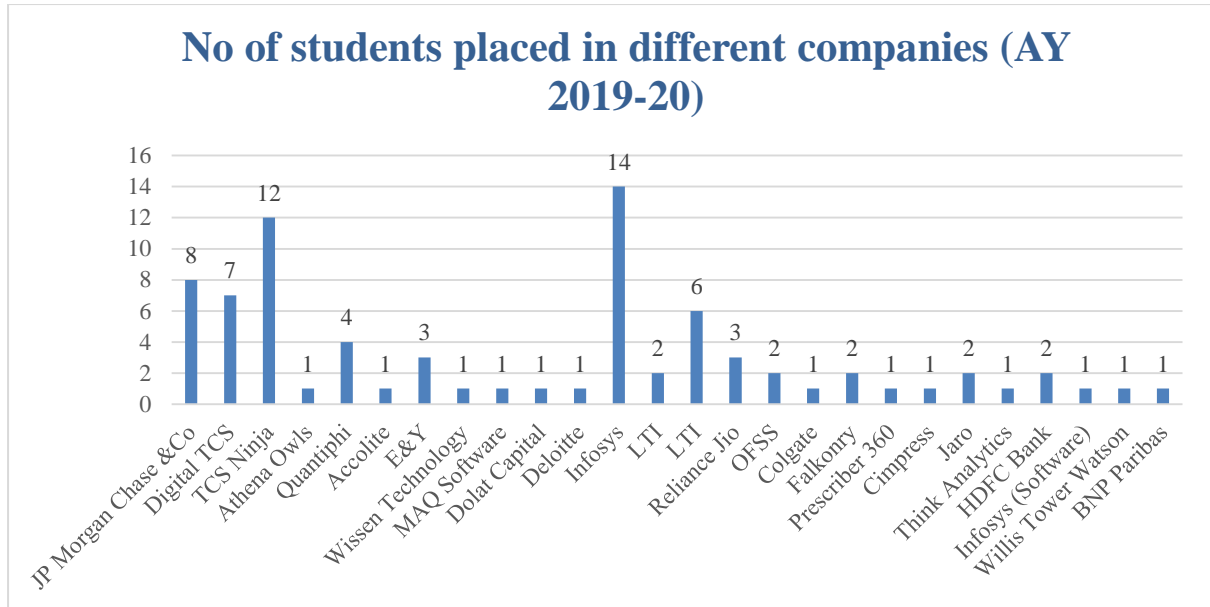
**ACTIVITIES IN THE DEPARTMENT (July 2019-June 2020)**

Paper published in National/International Journals	15
Paper published in National/International Conference	16
Book Publication	0
Interaction of Faculty with Outside World	06
Seminars/Workshops attended by Faculty Members	144
Seminars/Workshops attended by Non-teaching Staff Members	02
Seminars/Workshops organized in the Department	42
<b>TOTAL</b>	<b>225</b>

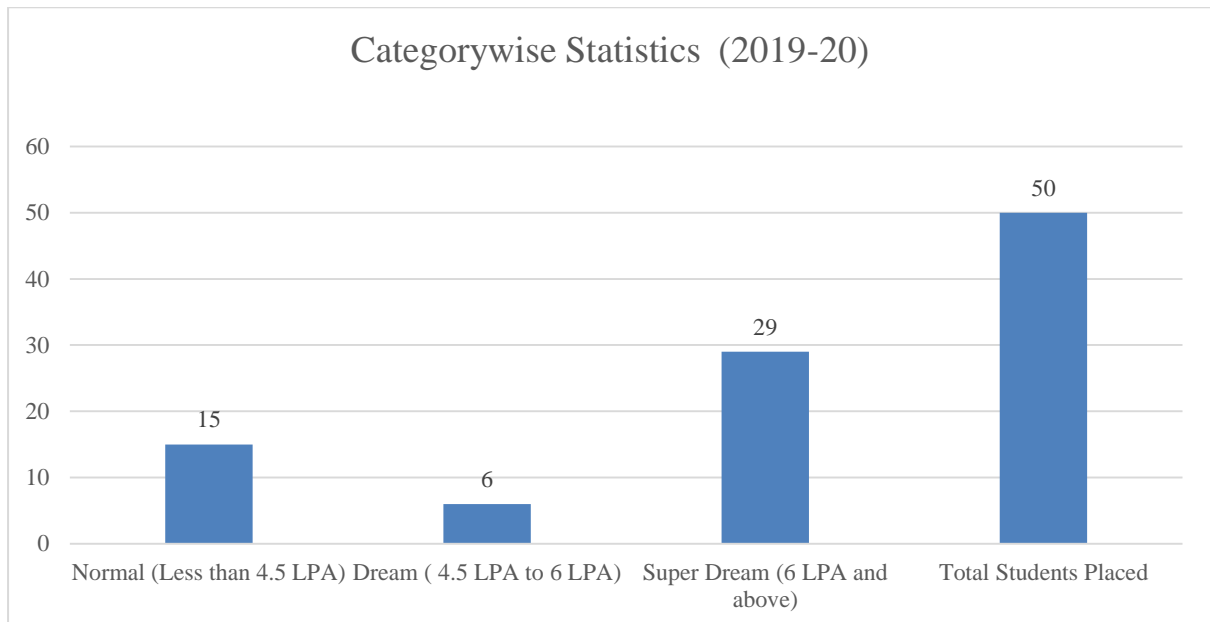




**Placement Record July 2019-April 2020**

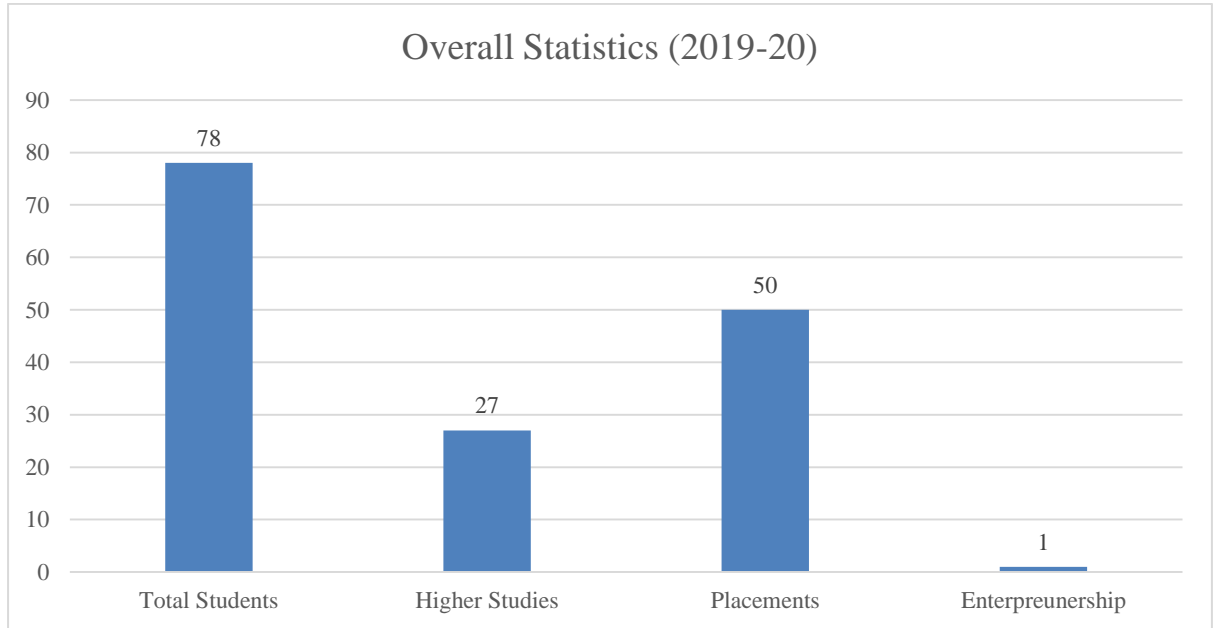


**Students Placed in different categories of Companies**





**Count of Students opting for Placement, Higher Studies and Entrepreneurship**





## Result Analysis

### B.E Year

### Semester VII (2020 Batch)

Rank	SAP ID	NAME	GRADE POINT
1	60003178013	SINGH VEDANT MAANN KALYANI	10.00
2	60003160020	JAIN HARSH SURESH REKHA	9.88
2	60003160061	THAKER MAITRI RAKESH TRUPTI	9.88
2	60003178006	KHANNA SNEHA RAMESH SANGEETA	9.88
3	60003160046	RATHOD DIMPLE CHETAN JASMINE	9.81
4	60003160057	SHAH URVI PARESH SMITA	9.77
5	60003160011	DANI APURVA KIRIT MALTI	9.73
6	60003160003	AGRAWAL SHREEYAA MADHUR VIMLESH	9.62
6	60003160026	KACHALIA AADIT PARAG DEZU	9.62
6	60003160044	PATHAK SRUSHTI DAMAN KIRTANA	9.62
6	60003160062	UDESHI NEHA PARESH DEEPTI	9.62
6	60003178002	DIXIT ADITYA SATENDRA MEENA	9.62
7	60003160037	MITTAL KRITIKA VINEET PREETI	9.58
8	60003160063	UPADHYAYA YASHVI BRIJEHSKUMAR HETAL	9.50
8	60003178007	MODI BHAVI HITESH PARUL	9.50
9	60003160025	JOSHI TEJAS NISHIKANT DHANASHREE	9.46
9	60003160032	KOTHARI RAJ ASHISH CHAITALI	9.46
9	60003178003	GALA JAINAM YOGESH VARSHA	9.46
10	60003160002	AGRAWAL MAUSAM SANJAY BABITA	9.42
10	60003160021	JAIN SHUBHAM AJAY BHARTI	9.42
10	60003178012	SWAMIADKE YASH NAGESH NEHA	9.42

Class	No. of students
Distinction	72
First Class	5
Second Class	0
Pass Class	0
Fail	0
Total	77
Passing %	100.00



**T.E. Year**  
**Semester V(2019-20)**

<b>RANK</b>	<b>SAP ID</b>	<b>NAME</b>	<b>GRADE POINT</b>
1	60003170004	HAKIM ADNAN AHMED NAZIMA	10
2	60003170045	SHAH PRIYANKA RITESH MITTAL	9.92
3	60003188012	VORA PRIYAM YOGESH SEJAL	9.85
4	60003170011	PANDIT ATHARV PRASHANT VAISHALI	9.77
5	60003170041	SHAH PARTH RAJENDRA JAYSHREE	9.69
5	60003170043	KONAKALLA PRAGNYA PRASAD BABU PRAMEELA	9.69
5	60003170046	BHUSE PUSHKAR SHAILENDRA KALPANA	9.69
5	60003170058	BELGALI SMRUTI PRASANNA PRIYA	9.69
5	60003188006	NANDRAJOG SACHIN GIRISH MAMTA	9.69
6	60003170057	MALKAN SMIT RAJESH SANDHYA	9.62
7	60003170029	GOEL KUNAL RAJESH ANJANA	9.58
8	60003170003	ABHEET SHAJU PRIYA	9.54
8	60003170009	SHAIKH ARSH JUNED AMINA	9.54
8	60003188001	AVALANI JIGAR PARESH KIRAN	9.54
8	60003188004	MEHTA BHAVIN MANISH PARUL	9.54
9	60003170030	JAIN MANAV PRADEEP PRIYANKA	9.5
9	60003170050	CHHABRIA RISHIKA HARISH KAMINI	9.5
9	60003170060	PRASAD SRISHTI SURENDRA AWANI	9.5
10	60003170012	SINGH BHAVESH BABLU KAMINI	9.42

<b>Class</b>	<b>No. of students</b>
<b>Distinction</b>	67
<b>First Class</b>	8
<b>Second Class</b>	1
<b>Pass Class</b>	0
<b>Fail</b>	2
<b>Total</b>	78
<b>Passing %</b>	97.43





**S.E. Year**

**Semester III(2019-20)**

<b>RANK</b>	<b>SAP ID</b>	<b>NAME</b>	<b>GRADE POINT</b>
1	60003180005	BABARIYA AVADH MAHENDRABHAI BHAVNABEN	10.00
1	60003180010	PATADIA DEVIKA BHAVESH SONA	10.00
1	60003180021	DEDHIA KASHVI BHARESH DHRUPTI	10.00
1	60003180039	PATIL RISHABH G SHEETALPATIL	10.00
1	60003180040	NEVATIA RISHABH RAJESH KSHAMA	10.00
1	60003180054	CHAUDHERY TANVEESH JAGMOHAN GURLEEN	10.00
1	60003180058	VORA VARUN DHARMESH SIMA	10.00
1	60003198006	UDANI VAIBHAVI JAYESH MAYURI	10.00
2	60003180002	MANSHARAMANI AKANKSHA NARENDRA SUMAN	9.85
2	60003180016	BHORAWAT HARSHIL SURESH SUNITA	9.85
2	60003180038	GADIA RIDDHAM VIJAY KUMAR AMITA	9.85
2	60003180057	PRADHAN VARUN VINAY SONALI	9.85
3	60003180008	GOJARIYA DEEP DINESHBHAI VILASBEN	9.81
3	60003180030	DAVE NISHANT JIGNESH JYOTI	9.81
4	60003180024	KONKAR MALLIKA MANEESH RUPALI	9.77
5	60003180032	BAGWE ONKAR ANIL SHRADDHA	9.69
5	60003180035	CHAURASIA PRIYANG DILIP ANITA	9.69
5	60003180036	PARAB RAJAT PRAMOD DEEPALI	9.69
5	60003180037	SHAH RICHA JAYESH JIGISHA	9.69
5	60003180062	VAGHASIA VIRAJ MUKESH SHILPABEN	9.69
6	60003180043	SHAH RUSHANK MIHIR VISHAKHA	9.65
7	60003180011	GALA DHRUMIL VINIL JIGNA	9.58
8	60003180060	GANDHI VEDANT AMIT SONAL	9.54
8	60003180063	VINZE VIVEK SURENDRA SANDHYA	9.54
9	60003180006	TOTLA CHIRAG NANDOO SUNITA	9.38
9	60003180015	SUTAR GURUDEV SANJAY MUKTABAI	9.38
9	60003180018	DHAMI JAINAM SANJIV KAMINI	9.38
9	60003180046	DAGLI SALONI PARAG KANAN	9.38
10	60003198001	CHUDASAMA SWETA HITESH HEENA	9.35

<b>Class</b>	<b>No. of students</b>
<b>Distinction</b>	59
<b>First Class</b>	7
<b>Second Class</b>	1
<b>Pass Class</b>	1
<b>Fail</b>	1
<b>Total</b>	69
<b>Passing %</b>	98.55



### DEPARTMENT ACHIEVEMENTS

1. DJSCI received the prestigious award “**Best Accredited Student Branch**” for the academic year 2019-20 under CSI Academic Award at the forthcoming CSI Annual Convention 2020.
2. Dr. Vinaya Sawant is awarded the Longest Continuous SBC Award for CSI Student Branch.



## FACULTY ACHIEVEMENTS

1. Dr. Vinaya Sawant defended her PhD thesis and completed her PhD in Engineering in Jan 2020, NMIMS University.
2. Dr. Vinaya Sawant completed a UdeMy Course on **“Amazon Web Services: An Introduction”**
3. Prof. Harshal Dalvi has successfully completed an **online course 'Cryptocurrency and Blockchain'** authorized by University of Michigan and offered through Coursera on 7th May 2020.
4. Prof. Neha Agarwal has successfully completed an **online course “Google Cloud Platform Fundamentals: Core Infrastructure”** by google cloud and offered through coursera on 12th May 2020.
5. Prof. Neha Agarwal has successfully completed a **4-week online course “Enterprise System Management and Security”** authorized by University of Colorado System through coursera on 30th May 2020.
6. Prof. Neha Katre has successfully completed a **4-weeks online course “SQL in Data Science”** authorized by University of California offered through coursera on 26th May 2020.
7. Prof. Stevina Correia completed a 4 course specialization on **Introduction to Applied Cryptography** offered by University of Colorado on Coursera. The courses completed in this specialization are: Classical Cryptosystems and Core Concepts, Mathematical Foundations for Cryptography, Symmetric Cryptography, Asymmetric Cryptography and Key Management.
8. Prof. Stevina Correia completed an **online course on Cryptographic Hash and Integrity Protection** offered by University of Colorado on Coursera.
9. Prof. Stevina Correia completed an **online course on Python Programming Essentials** offered by Rice University on Coursera.
10. Dr. Vinaya Sawant completed a **4-weeks online course on “Introduction to Data Analytics for Business”** offered but University of Colorado on Coursera.
11. Prof. Vinaya Sawant received a letter of appreciation for her contribution as a Reviewer in the first International Conference on Automation, Computing and Communication (ICACC-2020) which was conducted virtually on June 27-28, 2020. This conference was organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, India.



12. Prof. Vinaya Sawant received a certificate of appreciation of collaboration for Job Ready Summit powered by IIT Bombay Alumni Initiative startup Apli.ai that happened in the month of May-June 2020.
13. Prof. Arjun Jaiswal completed a course on “**COVID-19 Contact Tracing**” offered by Johns Hopkins University on Coursera on 4th June 2020
14. Prof. Arjun Jaiswal completed a course on “**Service Oriented Architecture**” offered by the University of Alberta on Coursera on 4th June 2020
15. Prof. Arjun Jaiswal completed a course on “**Single Page Web Applications with AngularJS**” offered by Johns Hopkins University on Coursera on 10th June 2020
16. Prof. Arjun Jaiswal completed a course on “**Object Oriented Design**” offered by the University of Alberta on Coursera on 13th June 2020
17. Prof. Arjun Jaiswal completed a course on “**Design Patterns**” offered by the University of Alberta on Coursera on 13th June 2020
18. Prof. Mitchell D’silva completed a **6-week** online course on “**Using Python to Access Web Data**” by University of Michigan offered through Coursera on 19th June, 2020.
19. Prof. Mitchell D’silva completed a **5-week** online course on “**Python Functions, Files, and Dictionaries**” by University of Michigan offered through Coursera on 11th June, 2020.
20. Prof. Neha Katre completed a **4 weeks** online course on “**Bits and Bytes of Computer Networking**” from coursera.
21. Prof. Neha Katre completed “**Database Design and Diagramming in Dia**” an online non-credit course authorized by Coursera Project Network and offered through Coursera.
22. Prof. Neha Katre completed “**Intermediate Relational Database and SQL**” an online non-credit course authorized by Coursera Project Network and offered through Coursera.
23. Prof. Vinaya Sawant completed a **4-weeks** online course on “**AI for Everyone**” offered by deeplearning.ai through Coursera on 12th June, 2020.
24. Prof. Mitchell D’silva completed a **7-week** online course on “**Capstone: Retrieving, Processing, and Visualizing Data with Python**” with honors distinction by University of Michigan offered through Coursera on 28th June, 2020.



## STUDENTS ACHIEVEMENTS

1. Four students from TE, viz., Arsh Shaikh, Bhavesh Singh, Adnan Hakim and Aliabbas Rizvi participated in Hackathon 2019 organised by Vidyavardhini's College of Engineering and Technology on 27<sup>th</sup> and 28<sup>th</sup> September 2019. They won the 3<sup>rd</sup> prize in the Hackathon.
2. Three students of SE, viz., Nishant Dave, Rishabh Nevatia and Jainam Dhami participated in Trident Coding Competition held at Thadomal Shahani Engineering College on 28<sup>th</sup> September 2019.
3. Dhruv Pithva completed a 8 weeks NPTEL course on "Introduction Machine Learning". He obtained 92% (Elite+Gold Certificate).
4. Adnan Hakim, Ali Abbas Rizvi, Arsh Shaikh, Bhavesh Singh, Hussain Sadriwala and Rahil Desai, students from TEIT, developed software, **Whiteboard.io**. It is an interactive teaching-learning tool which can be used for conducting live coding sessions. It is a student-teacher interface where the teacher can monitor the code editors of the students at the convenience of her desk without having to go to each desk.
5. Adnan Hakim, Ali Abbas Rizvi, Arsh Shaikh, Bhavesh Singh, Hussain Sadriwala and Rahil Desai, students from TEIT participated and presented a Research Project Titled 'Witeboard.io' at the Selection Round of 14<sup>th</sup> Inter-Collegiate **Avishkar Research Convention: 2019-20**, held at Ramrao Adik Institute of Technology, Nerul, Navi Mumbai on 21<sup>st</sup> December 2019.
6. TejasVed, Jay Chauhan and Prof. Neha Katre published a paper on "**Syt-Aj: Treating Lazy Eye using Virtual Reality**", in Springer book Series, "Algorithms for Intelligent Computing", in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper** Award in its track.
7. Aniket Mhatre, Mandar Mhapsekar, Prathamesh Mhapsekar, Dr. Vinaya Sawant published a paper titled "**Implementation of Residual Network (ResNet) for Devanagari Handwritten Character Recognition**", in Springer book Series, "Algorithms for Intelligent Computing", in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper** Award in its track.



8. Moxa Doshi, Monil Diwan, Karan Doshi, Prof. Purva Raut published a paper titled “**Face Completion using Generative Adversarial Network**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper Award** in its track.
9. Dhvani Kansara, Aditya Shinde, Yashi Suba and Dr. A. R. Joshi published a paper titled “**Optimizing Reverse Image Search by Generating and Assigning Suitable Captions to Images**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper Award** in its track.
10. Purva Raut, Viraj Mehta and Akshen Kadakia published a paper titled “**Juxtaposing Deep Learning Architectures for Breast Cancer Classification**”, in Springer book Series, “Algorithms for Intelligent Computing”, in 2<sup>nd</sup> International Conference on Advanced Computing Technologies and Applications (ICACTA-2020) organized by IT and Computer Departments on 28<sup>th</sup>-29<sup>th</sup> February 2020. The paper also won the **Best Paper Award** in its track.
11. Soham Dave, a student of SEIT, participated in the 72 hour online hackathon organised by TSEC and made it to **Top 10 teams**.
12. Soham Dave, a student of SEIT, created a platform with authentic real-time information revolving around COVID-19. The data is imported from verified sources including WHO, Johns Hopkins University, and local research centers.
13. Shreeya Agarwal, a student of BEIT, has been selected in **IIM Indore** and will be pursuing the PGP course there.
14. Pushkar Bhuse, a student of TEIT, interned at Falkonry as a **Software Engineering Intern** for two months, viz, December 2019 and January 2020. He was paid a stipend of Rs. 25,000/-.
15. Six students from SE-IT, viz., Rushank Shah, Soham Dave, Ansh Shah, Devika Patadia, Dhruvil Shah and Richa Shah, have made a project under CDAC named **Virtual Labs**. This project is a virtual simulation for practicals which would help the students understand the practicals virtually. It is available in both app and web versions for immersive experience on all devices. The experiments are made using very intuitive



SHRI VILE PARLE KELAVANI MANDAL's  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING  
Approved by AICTE and Affiliated to the University of Mumbai  
DEPARTMENT OF INFORMATION TECHNOLOGY



animations and due to this the experiments look good in whichever screen they are viewed. Overall this project is aimed at helping students perform their experiments virtually without any hardware setup and understand the core concepts behind it.

16. Ansh Mehta, Harshil Zaveri, Soham Dave, Shivam Kejriwal, students from SEIT won the **1<sup>st</sup> position at Codeshastra 6.0.**



## PHOTO GALLERY

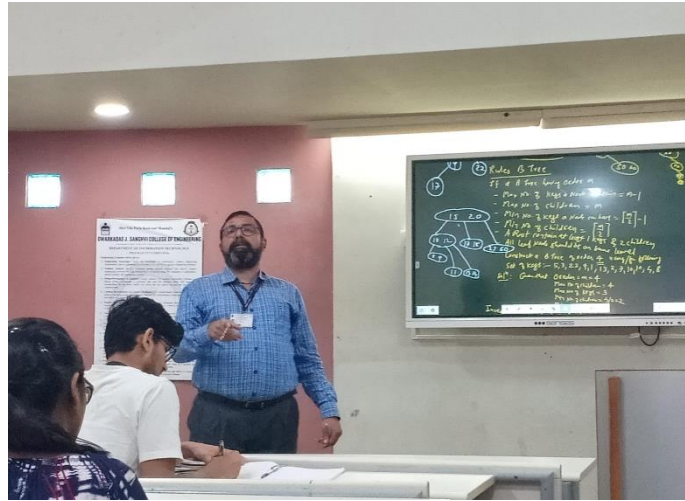


Figure 1: Dr. A. R. Joshi Conducting an Expert Lecture on B-Trees



Figure 2: Dr. Prathamesh Churi conducting a session on Research Paper Writing



**SHRI VILE PARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**  
Approved by AICTE and Affiliated to the University of Mumbai  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



Figure 3: Mr. Swapneel Mehta conducting guidance session for TE students

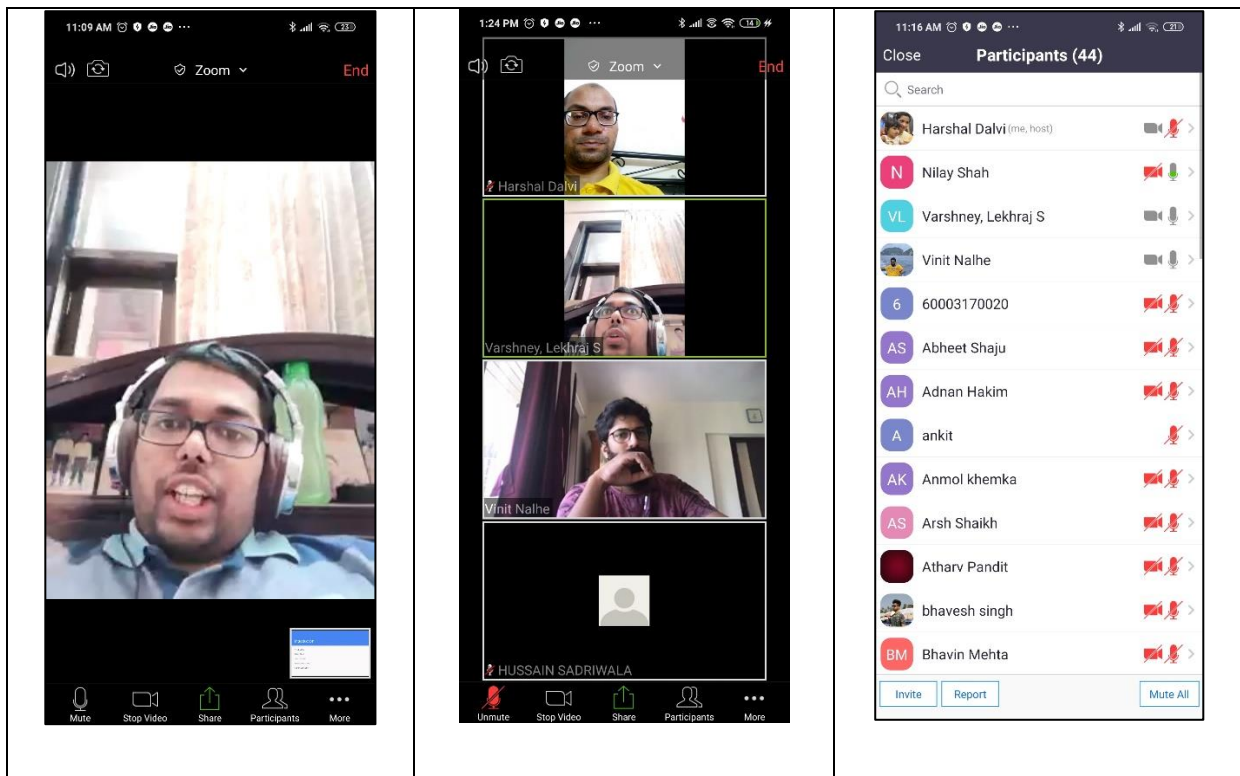


Figure 4: Alumni of the Department Conducting an Online Placement Guidance Session for TE students



Figure 5: Participant during Codeshastra 6.0



Figure 6: Our Alumni, Jash Jain mentoring the students





Figure 7: Felicitation ceremony for multiple national awards received by DJ CSI.



Figure 8: Judges during Codeshastra 6.0



Figure 9: Winners of Codeshastra 6.0 with the Title Sponsors



Figure 10: Winners with entire CSI Committee and Co-Committee





Figure 11: Presentations during Internal Hackathon for Smart India Hackathon 2020



Figure 12: Presentations during Internal Hackathon for Smart India Hackathon 2020



Figure 13: Presentations during Internal Hackathon for Smart India Hackathon 2020



Figure 14: Dr. Hari Vasudevan interacting with the participants of Internal Hackathon for SIH 2020





Figure 15: Dr. Meera Narvekar Felicitating Mr. Harish Narula, one of the judges of Internal hackathon for SIH 2020



Figure 16: Dr. Vinaya Sawant Felicitating Mr. Dilkhush Patel, one of the judges of Internal hackathon for SIH 2020



**SHRI VILE PARLE KELAVANI MANDAL'S  
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**  
Approved by AICTE and Affiliated to the University of Mumbai  
**DEPARTMENT OF INFORMATION TECHNOLOGY**



Figure 17: Unveiling of Proceedings of ICACTA 2020



Figure 18: Shri. Bharat Sanghvi Felicitating the Chief Guest Mr. Prasad Kolte.





Figure 19: Mr. AtulGandre chairing the Track on Artificial Intelligence



Figure 20: Conduction of Skype session in a track



Figure 21:Plenary Speaker, Mr. Devesh Rajadhyax being Felicitated





Figure 22: ICACTA Best Paper Award given to paper titled "Face Completion using Generative Adversarial Network", authored by Moxa Doshi, Monil Diwan, Karan Doshi, Prof. Purva Raut



Figure 23 : ICACTA Best Paper Award given to paper titled "Implementation of Residual Network (ResNet) for Devanagari Handwritten Character Recognition", authored by Mandar Mhapsekar, Prathamesh Mhapsekar, Aniket Mhatre and Dr. Vinaya Sawant



Figure 24: ICACTA Best Paper Award given to paper titled "Juxtaposing Deep Learning Architectures for Breast Cancer Classification", authored by Akshen Kadaia, Viraj Mehta and Prof. Purva Raut





Figure 25: Best Paper Award given to paper titled "Syt-Aj: Treating Lazy Eye using Virtual Reality", authored by Tejas Ved, Jay Chauhan and Prof. Neha Katre