



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 2018 – April 2019)

Prepared By  
(Ms. Neha Katre)

Dr. Meera Narvekar  
(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. Vinaya Sawant	
<b>CSI Committee (Branch Counsellor )</b> Prof. Vinaya Sawant <b>CSI Committee (Faculty Advisor)</b> Prof. Mitchell D'silva	<b>Project Coordinator</b> Prof. Purva Raut
<b>TimeTable Committee</b> 1. Prof. Neha Katre 2. Prof. Harshal Dalvi	<b>Exam Coordinator</b> Prof. Arjun Jaiswal
<b>Alumni Committee</b> Prof. Harshal Dalvi	<b>Placement Committee</b> Prof. Stevina Corriea
<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. Dr. Meera Narvekar ( <b>Program Coordinator</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	<b>Cultural Committee</b> Prof. Neha Katre
<b>Sports Committee</b> Prof. Harshal Dalvi	<b>E-Cell Committee</b> Prof. Purva Raut

### CSI STUDENTS COMMITTEE 2018-19



SHRI VILE PARLE KELAVANI MANDAL'S  
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**FACULTY ADVISOR**  
PROF. MITCHELL  
D'SILVA

**CHAIRPERSON**  
RAJ PAREKH

**VICE  
CHAIRPERSON(TECHNICAL)**  
DHARMIL KHANDHAR

**VICE  
CHAIRPERSON(ADMINISTRATIVE)**  
RIKEN GALA

**SECRETARY**  
DIMPLE RATHOD

**SECRETARY**  
MOXA DOSHI

**CO-SECRETARY**  
MAUSAM AGRAWAL

**TREASURER**  
ANKIT PATEL

**CO-TREASURER**  
ANSH SHAH

**TECHNICAL HEAD**  
AADIT KACHALIA

**TECHNICAL CO-HEAD**  
APURVA DANI  
MONIL DIWAN

**EVENTS HEAD**  
JAY CHATWANI  
ADITYA KUMAR

**LOGISTICS HEAD**  
ADITYA DIXIT

**MARKETING HEAD**  
DIMPLE RATHOD

**SOFT CREATIVES HEAD**  
MONIL DIWAN

**HARD CREATIVES HEAD**  
AJAY LAD

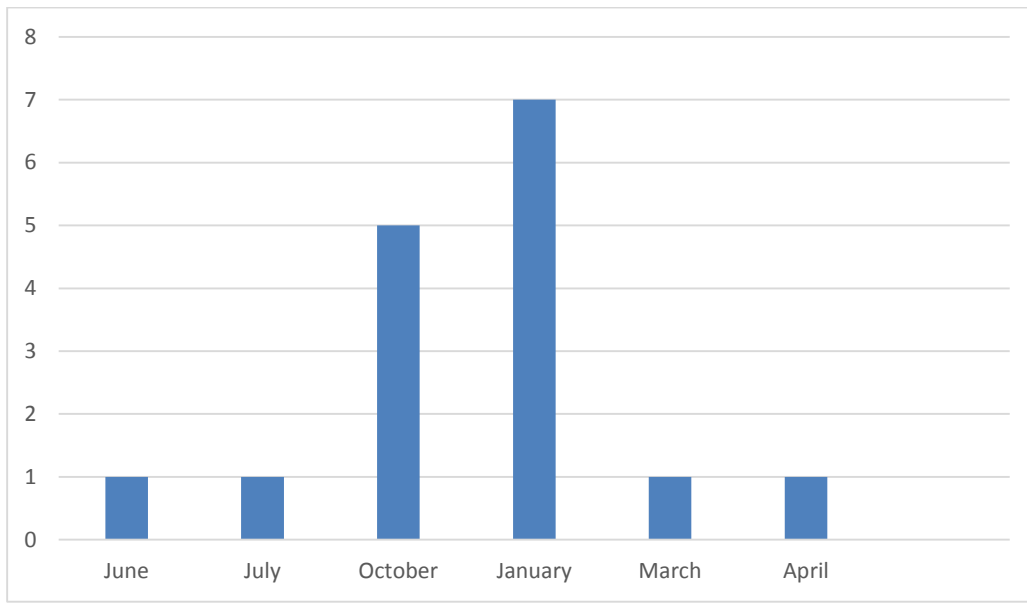
**PUBLICITY HEAD**  
SHUBHAM JAIN

**EDITORIAL HEAD**  
ADITYA KUMAR

**Paper Published in National / International Journals**



June	1
July	1
October	5
January	7
March	1
April	1
<b>TOTAL</b>	<b>16</b>



### June

1. Harsh Chheda, Vivek Vora, Parth velani, Stevina Correia, “**Food Quantity Prediction: A system that predicts the quantity of particular food item to be prepared**”, International journal of Innovative Research & Studies, Volume 8, issue VI, June 2018.

### July

1. Hitisha Damani, Rajavi Mehta, Neha Katre, “**Convergence of Internet of things, Cloud Computing, Big data and Security**”, International Journal of Computer Applications, Volume 181-No. 4, July 2018.

### October



1. Akshita Lakkad, Sneh Gajiwala, and Dr. (Mrs.) Neepa Shah published paper titled “**An Overview of Text Analysis Technologies and Tools**” in International Journal of Science and Research (IJSR), DOI: 10.21275/ART20191819, Volume 7 Issue 10, October 2018 (ISSN: 2319-7064 Index Copernicus Value (2016): 79.57 | Impact Factor (2017): 7.296)
2. Parth Sayani, Harshal Kapadia, Prasham Shah and Prof. Harshal Dalvi published a paper titled “**A Review Approach for Detecting Distracted Driver**”, in International Journal of Engineering and Science Invention (IJESI), October 2018.
3. Prasham Lalit Shah, Tanay Krishnakumar Gupta, Jash Bhupendra Dhakad, Prof. Mitchell Raymond D’silva, published a paper on “**A Review Paper on Capsule Networks**” in International Journal of Engineering Development and Research (IJEDR), Volume 6, Issue 4, ISSN: 2321-9939 in October, 2018.
4. Rashika Singh, Kashish Desai, Tanvi Ruparel, Prof. Mitchell D’silva, published a paper on “**Comparative Study of Data Mining and Neural Techniques for an Automated Skin Disease Diagnostic System**” in International Journal of Management, Technology And Engineering (IJMTE), Volume 8, Issue X, ISSN: 2249-7455 in October, 2018.
5. Hitisha Damani, Rajavi Mehta, Prof. Mitchell D’silva, published a paper on “**Application Areas of Big Data**” in International Journal of Management, Technology And Engineering (IJMTE), Volume 8, Issue X, ISSN: 2249-7455 in October, 2018.

### January

1. Jeel Sukhadiya, Harshal Kapadia, Prof. Mitchell D’silva, published a paper on “**Employee Attrition Prediction using Data Mining Techniques**” in International Journal of Management, Technology And Engineering (IJMTE), Volume 8, Issue X, ISSN: 2249-7455 in October, 2018.
2. Parth Sayani, Harshal Kapadia, Prasham Shah, Harshal Dalvi, “**A Review Approach for Detecting Distracted Driver**”, published in International Journal of Engineering and Science Invention (IJESI), Volume 7, Issue 10, version 3, October 2018.
3. Rajavi Mehta, Hitisha Damani, Harshal Dalvi, “**Personality Trait Detector**”, published in International Journal of Recent Trends in Engineering and Research (IJRTER) Volume 4, Issue 10, October 2018.





4. Varad Deshpande, Tanya Gupta, Devansh Gosalia, Neha Katre, published a paper **“Review Paper on Stitching of Torn Documents”**, in International Journal of Engineering Development and Research (IJERD), Volume 6, Issue 8, ISSN: 2321-9939, December 2018. Impact Factor 5.67 (Calculate by Google Scholar).
5. Siddhant Rele, Danish Ali Furniturewala, Sagar Raulo, Neepa Shah **"Intelligent Travel Bot using Wide and Deep Learning."** International Journal of Computer Sciences and Engineering 6.12 (2018): 378-382 in December 2018.
6. Dhvani Kansara, Shaunak Sompura, Saifil Momin, Prof. Mitchell D'silva, published a paper on **“Classification of WBC for Blood Cancer Diagnosis using Deep Convolutional Neural Networks”** in International Journal of Research in Advent Technology, Volume 6, No. 12, E-ISSN: 2321-9637 in December, 2018.
7. Priyesh Patel, Meet Nandu, Saifil Momin, and Dr. Neepa Shah published paper titled **“Military Adaptation of Self-Driving System using Reinforcement Learning”** in International Journal of Emerging Technologies and Innovative Research (JETIR), Dec 2018, Vol. 5, Issue 12, pp.431-437, (ISSN: 2349-5162) UGC and ISSN Approved.  
DOI <http://doi.one/10.1729/Journal.19123>  
Available at: <http://www.jetir.org/papers/JETIR1812460.pdf>

### March

1. Aditya Shinde, Mitchell D Silva, published a paper on **“Protein Sequence Classification using Natural Language Processing”**, in International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Volume.7, Issue 1, pp.169-175, February 2019,  
Available at: <http://www.ijedr.org/papers/IJEDR1901032.pdf>

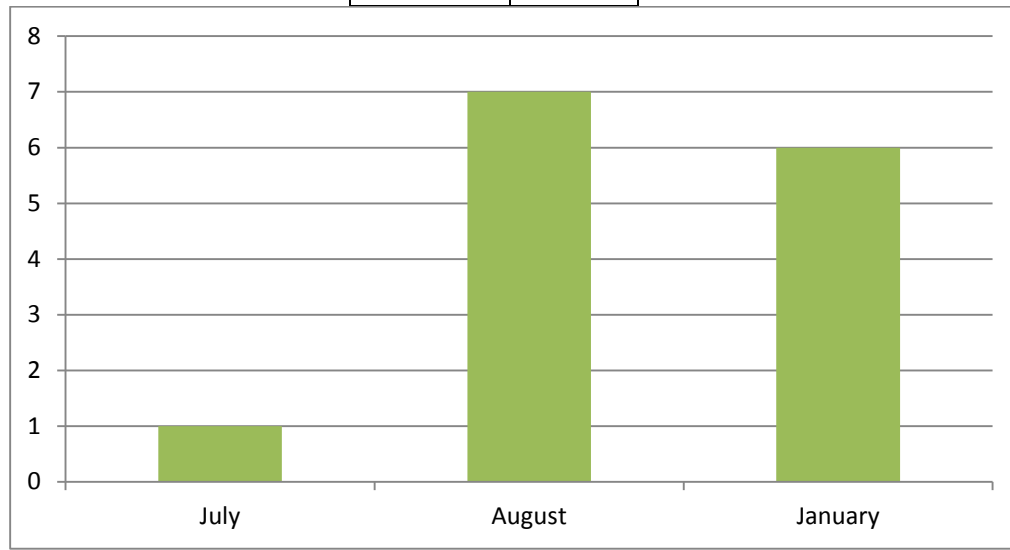
### April

1. Shruti Shakhla, Bhavya Shah, Prof. Mitchell D Silva, published a paper on **“Visualisation of Restaurants to Ensure Ease in Restaurant Selection”**, in International Journal of Management, Technology and Engineering (IJMTE), ISSN:2249-7455, Volume IX, Issue IV, pp.2890, in April 2019. Available at : <http://ijamtes.org/VOL-9-ISSUE-04-2019-3/>



### Paper Published in National / International Conferences

July	1
August	7
January	6
<b>TOTAL</b>	<b>14</b>



#### July

1. Mamta Britto, Dr. Abhijit R. Joshi, Dr. Narendra Shekokar presented a paper titled **“Interface for Physically Disabled”**, at the International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering-ICRIEECE, held on 27<sup>th</sup> and 28<sup>th</sup> July 2018

#### August

1. Akshen Kadakia, Devanshi Desai, Urvi Mistry, Prof. Mitchell D’silva, presented a paper on **“Voyageur”** at the 4th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2018) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 16th, 17th & 18th August 2018.
2. Bhavya Shah, Varun Agarwal, Utkarsh Dubey, Prof. Stevina Correia, presented a paper on **“Twitter Analysis for Disaster Management”** at the 4th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2018) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 16th, 17th & 18th August 2018.



3. Darsh Shah, Vaibhav Shah, Sumit Busa, Stevina Correia, presented a paper on **“ALLIO-All In One Multithreaded Server”** at the 4th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2018) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 16th, 17th & 18th August 2018.
4. Subhash Nadkarni, Zeel Doshi, Rashi Agrawal and Neepa Shah presented paper titled **“AgroConsultant: Intelligent Crop Recommendation System Using Machine Learning Algorithms”** at 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), 16-18 Aug 2018.
5. Meghna Burli, Lekhraj Varshney, and Neepa Shah presented paper titled **“Dual Authentication Model based Digital Election Process using Ethereum Blockchain”** at IEEE Sponsored 3rd International Conference On Engineering And Technology (ICETECH'18) on 30 & 31, August 2018
6. Viraj Mehta presented a paper titled **“A Machine Learning approach to foretell the probability of a crop contracting a disease”** and authored by Viraj Mehta, Chahat Jain, Karan Kanchan and Prof. Vinaya Sawant at 4th International Conference On Computing, Communication, Control And Automation 16th - 18th Aug 2018, Pune.
7. Varun Agrawal presented a paper titled **“Automated Aspect Extraction and Aspect Oriented Sentiment Analysis on Hotel Review Datasets”** and authored by Varun Agrawal, Pratik Aher and Prof. Vinaya Sawant at 4th International Conference On Computing, Communication, Control And Automation 16th - 18th Aug 2018, Pune.

### January

1. Raj Patel, Jash Dhakad, Kashish Desai, Tanay Gupta, Stevina Correia, **“Hand Gesture Recognition System using Convolutional Neural Networks”**, presented in 4th International Conference on Computing Communication and Automation (ICCCA), Galgotias University, Greater Noida, India, December 14-15, 2018
2. Parth Sayani, Harshal Kapadia, Prasham Shah, Harshal Dalvi, **“Automated System for Detecting Distracted Driver”**, presented in 4th International Conference on Computing Communication and Automation (ICCCA), Galgotias University, Greater Noida, India, December 14-15, 2018.



3. Bhavya Shah, Niket Shah, Shruti Shakla and Prof. Vinaya Sawant presented a paper titled **“Remodeling the Healthcare Industry by implying Blockchain Technology”** at IEEE International Conference on Circuits and Systems in Digital Enterprise Technology on 21-22nd December 2018 in SAINTGITS College of Engineering, Kerala.
4. Prof. Vinaya Sawant presented a paper titled **“Evaluating the Performance of Proposed IODAM Algorithm”** at the 3<sup>rd</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2019) on 4<sup>th</sup> and 5<sup>th</sup> January 2019.
5. Harsh Jain, a student of third year, presented a paper titled **“Towards Developing a Secure and Robust Solution for E-voting using Blockchain”** at the 3<sup>rd</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2019) on 4<sup>th</sup> and 5<sup>th</sup> January 2019. The paper also received the Best Paper Award.
6. Priyesh Patel, Krish Parekh, Stevina Correia, Mitchell D'silva, **“Comparison of mobile app development technologies and an implementation of a hybrid app using Ionic framework”**, presented in 2019 International Conference on Computer Communication and Informatics (ICCCI -2019), Jan. 23 – 25, 2019, Coimbatore, INDIA

### Interaction of Faculty with Outside World

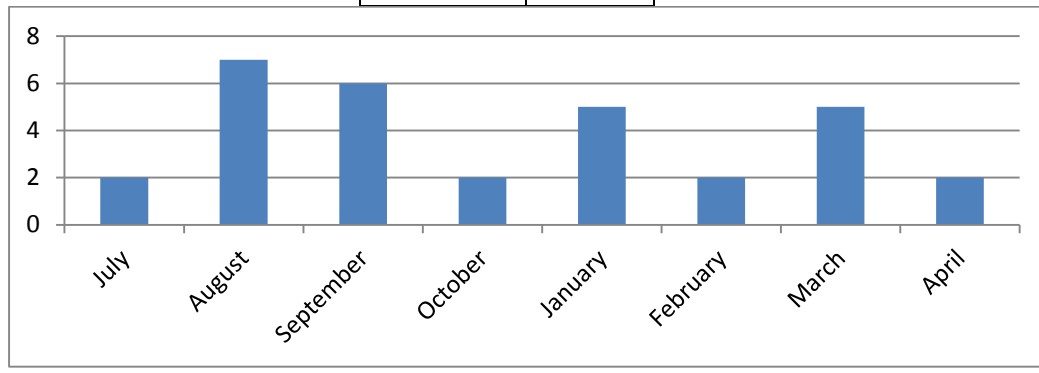
1. Dr. A. R. Joshi, as an expert, conducted Audit of the Computer Engineering Department of Fr. Conceicao Rodrigues College of Engineering, Bandra on 29<sup>th</sup> June 2018.
2. Dr. A. R. Joshi was one of the Experts of GBC Review Committee. The committee conducted interviews/reviews of candidates/employees on Friday, July 20, 2018 at C-DAC, Juhu, Mumbai.
3. Prof. Vinaya Sawant attended the Student Branch Councilor Meeting on 21<sup>st</sup> July 2018 at Computer Society of India, Mumbai Chapter.
4. Dr. Neepta Shah guided a Research Project titled **“Semantic Tree”** at the Selection Round of 13<sup>th</sup> inter-Collegiate Avishkar Research Convention: 2018-19 held at Ramrao Adik Institute of technology on 23<sup>rd</sup> December, 2018.
5. Prof. Vinaya Sawant was a **panel member** for **Case Discussion & Personal Interview** for SVKM's Narsee Monjee Institute of Management Studies (NMIMS) PGDM - Batch 2019 on 12th and 20th Feb 2019 at NMIMS University.



## Seminars/Workshops/Conference/FDP/STTP/Industrial Visit/Expert Talk

### Organized in the Department

July	2
August	7
September	6
October	2
January	5
February	2
March	5
April	2
<b>TOTAL</b>	<b>31</b>



#### July

- Code for Good Challenge 2018 by JPMC was held on July 21 – July 22. 6 students of BEIT were selected to participate in the same. A team including Niti Vyas was the runner-up team. A team including Harsh Pandya was amongst the top 6.
- Prof. Stevina Correia organized a **Mock Placement Process** on the 7<sup>th</sup> July, 2018 for the students of final year. The alumni of 2015, 2016 and 2017 batches conducted the aptitude tests, GDs, technical and HR interview.

#### August

- A seminar on “**Mutual Funds**” was conducted by TCS for the final year students on 14<sup>th</sup> August 2018 from 9:30-10:30 am.
- A seminar on “**GRE**” was conducted by Imperial for third year IT students on 24<sup>th</sup> August 2018 from 10:30 – 11:30 am.
- Codestars conducted the following lecture in the month of August:



- a. Lecture 1: Anas Cutleriwala, Jitendra Kumhar, Darren Lasrado and Edward Gonsalves conducted a lecture on dynamic programming.
  - b. Lecture 2: Anas Cutleriwala and Cyprien Dcunha introduced Competitive Programming for SE students.
  - c. Lecture 3: Jitendra Kumhar and Cyprien Dcunha took the lecture to make students aware about a very powerful yet flexible data structure called segment tree.
  - d. Lecture 4: Shreeya Agarwal, Bhavuk Sharma and Vatsal Sonigara took a lecture on Stacks and Queues.
  - e. Lecture 5: Jitendra Kumhar and Darren Lasrado took lecture on Lazy Propagation.
4. Codestars conducted a coding competition on the 18th August 2018, from 9:00pm to 12:00am. It was a prized competition. It was hosted on "Hackerrank.com".
  5. Rajiv Shah, Tejas Ved, Varun Shah, Sagar Jyani, Utsav Agarwal conducted Mock Test for TEIT students on 31<sup>st</sup> August, 2018 from 2:30-5:30pm.
  6. DJInit.ai conducted a session on "Introduction to AI and python commands and libraries" for second year students on 23<sup>rd</sup> August 2018 from 9-11:30 am.
  7. DJInit.ai conducted a session on "Data Preprocessing" for second year students on 30<sup>th</sup> August 2018 from 9-11:30 am.

## September

1. A seminar on "**Career options after Graduation**" was conducted for the 2nd year IT student on 12th September, 2018 by College Pond. Jimit Sanghvi explained the students about different career options after graduation, like MBA or Law and also gave an insight about what future opportunities it would hold for them.
2. Mandar Mhapsekar, Prathamesh Mhapsekar, Sanika Biwalkar, Saifil Momin, Tanuj Bohra, yashi Suba, Dhvani Kansara, Meet Nandu and Aditya Shinde conducted a session to guide the third year students for Smart India Hackathon on 25<sup>th</sup> September 2018.
3. AI club organized a lecture on Linear Regression on 27<sup>th</sup> September 2018.
4. An Academic Interface Program was conducted by TCSL (Tata Consultancy Services Ltd) on 28th Sep, 2018 (9:30 AM to 12:00 PM) delivered by TCS A&I team. 77 students of TEIT attended the AIP.



5. Codestars organized an event “**Code-Unicode**”, an initiative taken to help bridge the gap between professional coders and amateurs.
6. Endeavour conducted a seminar on the topic “**Career options after Graduation**” was conducted for the 2nd year IT student on 28th September, 2018. Sanket Bhatia explained the students about different career options after graduation, like MBA or Law and also gave an insight about what future opportunities it would hold for them.

### October

1. Students of BEIT, viz., Tejas Ved, Sneha Gajiwala, Harsh Pandya, Varun Shah, Rajeev Shah conducted a workshop for second year students on front-end and back-end programming and JDBC connectivity on 1<sup>st</sup> October 2018 and 6<sup>th</sup> October 2018.
2. Mr. Siddhant Rele conducted a session on “**Query optimization**” for third year students on 8<sup>th</sup> October 2018 from 9:30-10:30.

### January

1. JPMorgan Chase & Co. had planned their early engagement events for the year 2018. Following are the details:
  - Amruthkala Bhat, Tanuj Bohra, Prathamesh Mhapsekar, Mandar Mhapsekar (2019 Pass out – 2018 Code for Good Hires) attended “**Day in Bank**” on October 30, 2018. Event objective - First-hand connect, Overview of Software Engineer Program.
  - Mausam Agrawal, Urvi Shah, Kiran Jajal, Moxa Doshi, Dimple Rathod, Srushti Pathak, Sakshi Suthar, Kritika Mittal, Himani Rajput, Sneha Khanna (2020 Pass out- Female students) attended “**Winning Women**” on October 31, 2018. Event objective- Overview of Technology at JPMC, Code for Good process.
2. AI club, “DJinit.ai” organised a session on **Regression** on 22<sup>nd</sup> January 2019 from 10:00 am to 12:00 noon. The session was conducted by BE students viz., Deep Sanghvi and Dhvani Kansara
3. CSI conducted a one-hour seminar for SE IT students on 24th January. The seminar was conducted by **IMS Learning Resources** and was based on GRE and abroad education for students.
4. DJCSI organised the CSI Week 2019 from 28<sup>th</sup> January, 2019 to 31<sup>st</sup> January 2019. The two important workshops conducted this year were Android Development on 28<sup>th</sup> and 29<sup>th</sup> January, 2019 and Augmented Reality on 30<sup>th</sup> and 31<sup>st</sup> January 2019.





5. Around 50 students from TE and BE attended the DICE BOOT CAMP (workshop / session) on **Business Analytics and Data Science** on 29<sup>th</sup> January 2019.

### February

1. JPMC visited our campus for the **interaction (Roadshow)** with students on 11th February, 2019. 52 students from TEIT attended the same.
2. An information session – “**Brown Bag on the Art and Science of Problem-Solving**” was conducted for TEIT students on 26th February, 2019 by ZS Associates. 30 students of TEIT attended the same.

### March

1. A Tech talk along with an interviewing skills workshop on the occasion of International Women's History Month was conducted by Morgan Stanley on 12th March, 2019 from 10.30-2. 31 students of TEIT attended the same.
2. DJCSI organized 24-hour hackathon, Codeshastra 5.0 on 2<sup>nd</sup> and 3<sup>rd</sup> March 2019. Codeshastra 5.0 witnessed a footfall of about 250 zealous participants grouped in 70 teams with 38 teams from numerous outhouse colleges. The judges for the day were Mr. Ajit Joshi, Secretary of CSI Mumbai, Mr. Abhijit Mohite, Vice President at JP Morgan Chase, Mr. Amogh Vaishampayan, Mr. Akshay Doshi, Mr. Vishal Vadina, Mr. Nirav G Shah, Mr. Gaurav Ghelani, Mr. Amol Bivarkar and Dr. Shantanu Londhe.
3. An expert lecture on “**Business Intelligence using PowerBI**” by Mr. Alihasan Sabuwala, Analyst at Ernst & Young, Mumbai, was organized for the third year students on 25<sup>th</sup> March 2019 from 11:00am to 3:00pm.
4. DJCSI organized an Industrial Visit for TEIT students to Infosys, Pune on 15th March, 2019. 67 students of TEIT along with 3 faculty members viz., Prof. Neha Katre, Prof. Arjun Jaiswal, Prof. Stevina Correia accompanied the students for the Industrial Visit
5. The IT Department alongwith Computer Engineering Department organized **DJASCI 2019**, a state level project competition on 30<sup>th</sup> March, 2019.



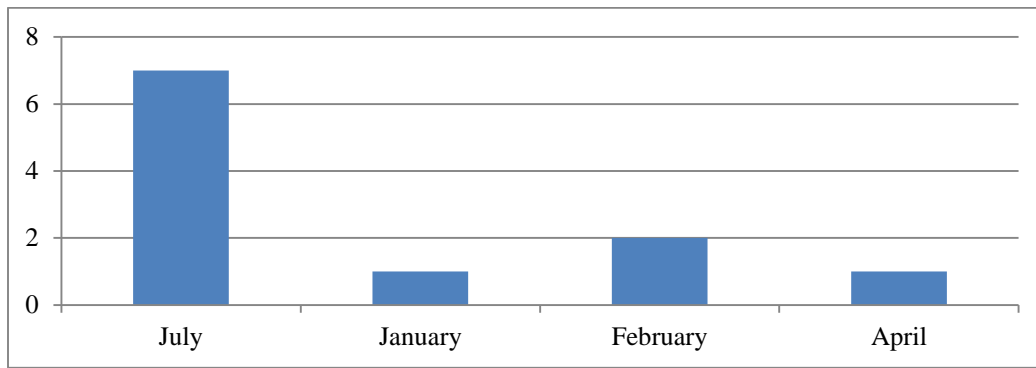


### April

1. A session on Big Data Analysis was conducted by Edelweiss on 2<sup>nd</sup> April 2019 for the third year students.
2. A seminar on “Career Options like MS and MBA” by Eduboard was organised by DJCSI on 12th April 2019 for SE-IT students from 10:30 am- 11:30 am.

### Seminars/Workshops/FDP/STTP attended by Faculty Members

July	7
January	1
February	2
April	1
<b>TOTAL</b>	<b>11</b>



### July

1. Prof. Purva Raut attended a **two weeks ISTE approved STTP** on “**Machine Learning using Tensor flow**”, organised by Vidyavardhini's College of Engineering, Vasai, from 25th June 18 to 6th July 18.
2. Prof. Vinaya Sawant and Prof. Neha Katre attended **orientation** of “**Advanced Data Management Techniques**” on 2<sup>nd</sup> July 2018 at Swami Vivekanand College of Engineering.
3. Prof. Neha Katre attended **orientation** of “**Computer Graphics and Virtual reality**” on 6<sup>th</sup> July 2018 at Thadomal Shahani College of Engineering.
4. Prof. Vinaya Sawant attended **orientation** of “**Image Processing**” on 6<sup>th</sup> July 2018 at Vidyalkar Institute of Technology.



5. Dr. A. R. Joshi attended **orientation** of “**Advanced Data Structures and Analysis of Algorithm**” on 11<sup>th</sup> July 2018 at Ramrao Adik Institute of Technology.
6. Prof. Stevina Correia attended **orientation** of “**Cryptography and Network Security**” on 16<sup>th</sup> July 2018 at K. J. Somaiya College of Engineering.
7. Prof. Purva Raut attended **workshop** on “**AI and Deep Learning**” organised by Leading India.ai An initiative by AICTE chairman MU on AI skilling and research from 21st July 18 to 23rd July 18.

### January

1. Dr. Neepta Shah, Prof. Vinaya Sawant, Prof. Purva Raut, Prof. Neha Katre, Prof. Harshal Dalvi, Prof. Anusha Vegesna, Prof. Stevina Correia, Prof. Mitchell D'silva and Prof. Suchita Rane participated in FDP on "**Intellectual Property Rights**" conducted by Computer Department, DJSCOE from 4th-5th January 2019.

### February

1. Prof. Vinaya Sawant and Prof. Purva Raut attended a FDP on “**Creating Effective Educational Videos**” organized by SHAH and ANCHOR KUTCHHI COE on 16th Feb 2019.
2. Dr. Neepta Shah attended a 2 day FDP on “**Active Teaching Learning Strategies using Innovative Technology**” organized by Faculty of Applied Science & Humanities, D. J Sanghvi College of Engineering, conducted on 25th & 26th February 2019.

### April

1. Prof. Purva Raut attended a session on **AI** by Redington and IBM on 5th April 2019 from 2 pm to 5pm at IBM India Pvt. Ltd, Mumbai.

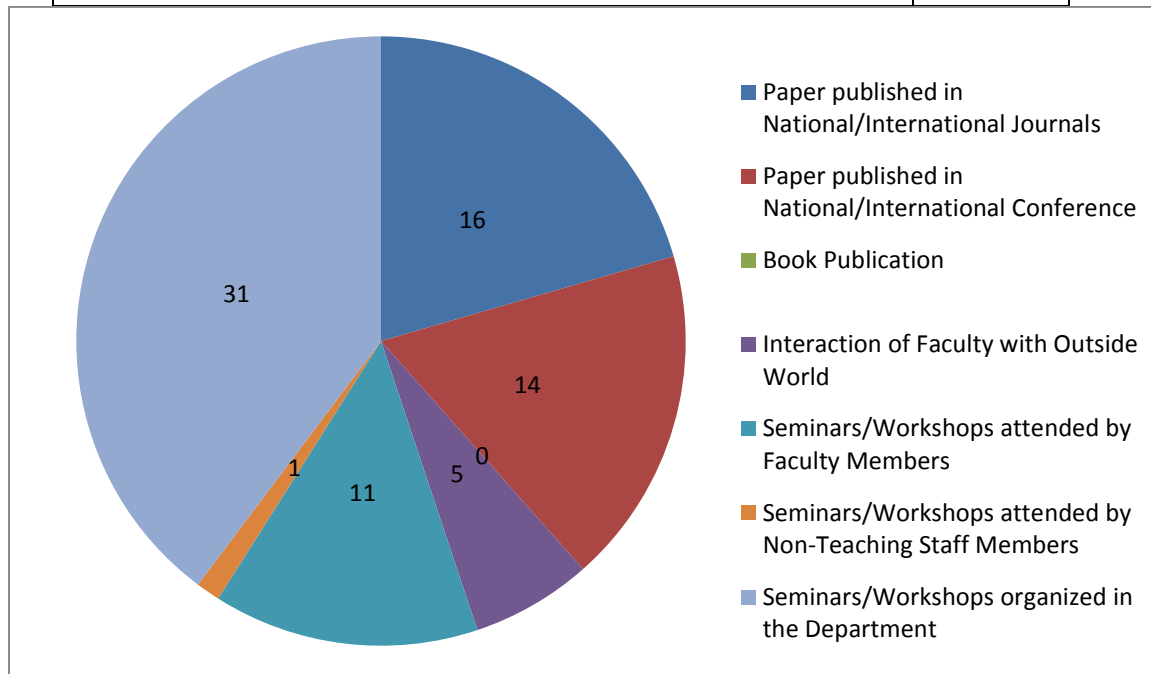


## Seminars/Workshops/FDP/STTP attended by Non-Teaching Staff Members

1. Mr. Prasad Dhanorkar attended a one day workshop on “**Koha and Library automation**” on 29<sup>th</sup> September 2018.

### ACTIVITIES IN THE DEPARTMENT (July-December 2018)

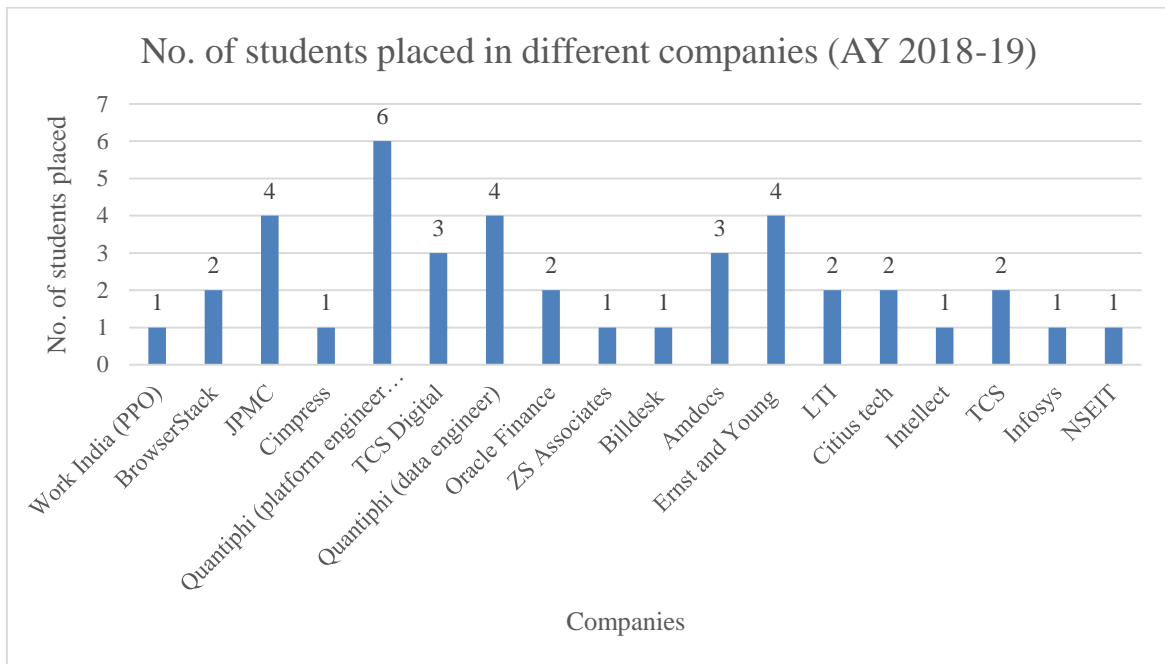
Paper published in National/International Journals	16
Paper published in National/International Conference	14
Book Publication	0
Interaction of Faculty with Outside World	5
Seminars/Workshops attended by Faculty Members	11
Seminars/Workshops attended by Non-teaching Staff Members	1
Seminars/Workshops organized in the Department	31
<b>TOTAL</b>	<b>78</b>



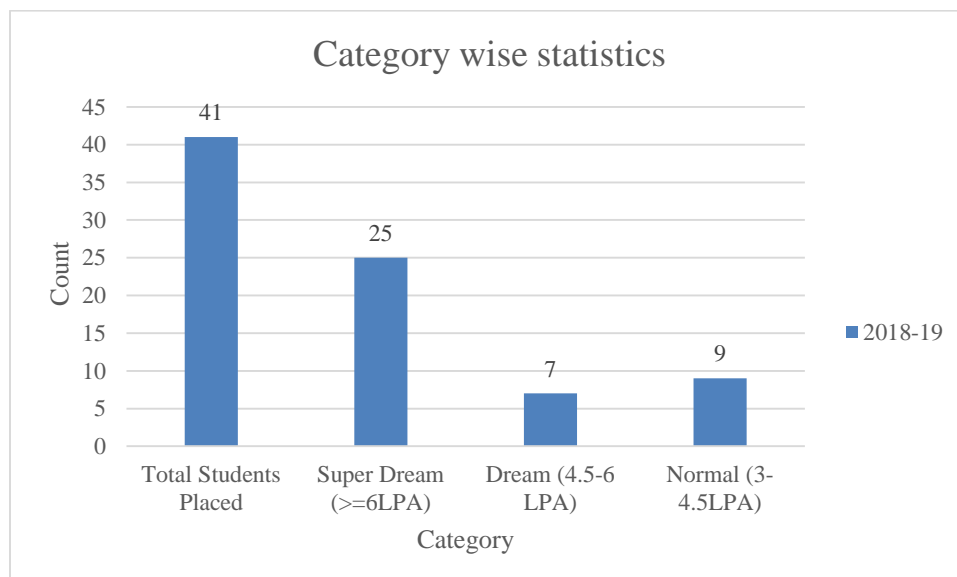


## Placement Record July 2018-April 2019

### Different Companies that visited Campus

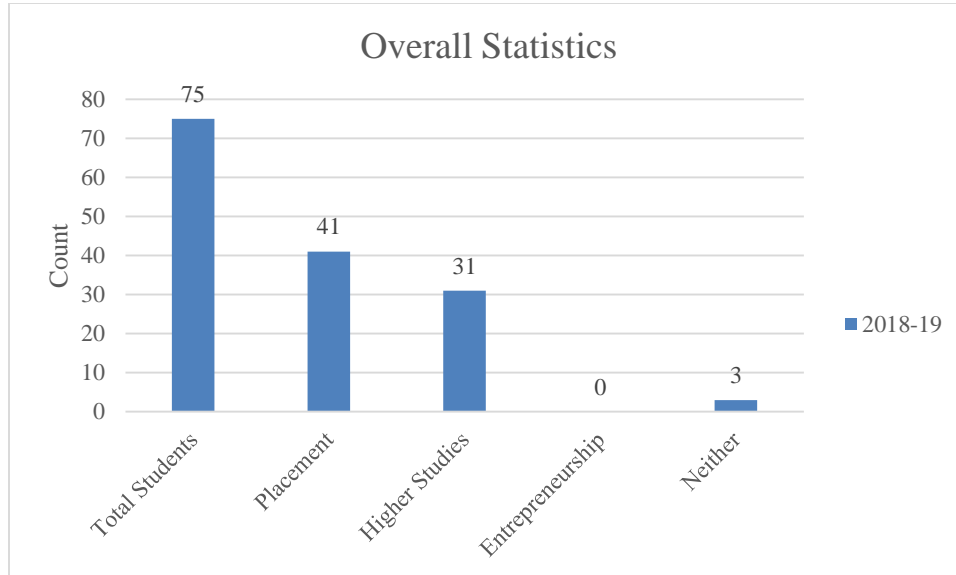


### Students Placed in different categories of Companies





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





## Result Analysis

### B.E Year

### Semester VII (2018-19)

RANK	SAP ID	NAME	GPA
1	60003150001	Agrawal Utsav	9.22
1	60003150061	Tiwari Neha	9.22
2	60003150034	Pai Aniket	9.07
2	60003150053	Shah Vidhi	9.07
3	60003150005	Chasmawala Isa	8.96
3	60003150064	Vyas Neeti	8.96
4	60003150056	Singh Rashika	8.93
4	60003168004	Mhapsekar Mandar	8.93
5	60003150032	Nandu Meet	8.78
6	60003150021	Kapadia Harshal	8.74
7	60003150059	Suba Yashi	8.63
8	60003150004	Bohra Tanuj	8.59
9	60003150026	Lakkad Akshita	8.56
9	60003150055	Shinde Aditya	8.56
10	60003150002	Bhat Amruthkala	8.48
10	60003168002	Gajiwala Sneh	8.48

No. of Students appeared	75
No. of Students passed	74
No. of Students secured Distinction	42
No. of Students secured First Class	29
No. of Students secured Second Class	3
No. of Students secured Pass Class	0
No. of Students Failed	1
% passing	98.67



**T.E. Year**  
**Semester V(2018-19)**

RANK	SAP ID	NAME	SGPI
1	60003160032	Kothari Raj Ashish	10
1	60003160046	Rathod Dimple Chetan	10
1	60003160063	Upadhyaya Yashvi B.	10
1	60003178013	Vedant Singh	10
2	60003160002	Agrawal Mausam Sanjay	9.85
2	60003160020	Jain Harsh Suresh	9.85
3	60003178001	Chitroda Bhumi	9.77
4	60003160011	Dani Apurva Kirit	9.69
4	60003160026	Kachalia Aadit Parag	9.69
4	60003160037	Mittal Kritika Vineet	9.69
4	60003160048	Salvi Harsh Laxman	9.69
4	60003178004	Aman Jain	9.69
4	60003178006	Sneha Khanna	9.69
4	60003178010	Himani Rajput	9.69
5	60003160003	Agrawal Shreeyaa Madhur	9.54
5	60003160044	Pathak Srushti Daman	9.54
5	60003178002	Aditya Dixit	9.54
6	60003160016	Doshi Moxa Jignesh	9.38
6	60003160021	Jain Shubham Ajay	9.38
6	60003160025	Joshi Tejas Nishikant	9.38
6	60003160031	Khandelwal Harshita S.	9.38
6	60003160036	Mehta Manthan Devansh	9.38
6	60003160061	Thaker Maitri Rakesh	9.38
7	60003178008	Sumit Nisar	9.27
8	60003160004	Ajmera Abhishek Mehul	9.23
8	60003160009	Chawhan Rohit Santosh	9.23
8	60003160017	Gala Riken Kekin	9.23
8	60003160022	Jajal Kiran Shailesh	9.23
8	60003160027	Kadam Pritalee Sunil	9.23
8	60003160059	Singh Siddharth Rajesh	9.23
8	60003160064	Vyas Gargi Sanjay	9.23
9	60003160045	Presswala Aziz Mohammedi	9.08
9	60003160057	Shah Urvi Paresh	9.08
9	60003160062	Udeshi Neha Paresh	9.08
9	60003178012	Yash Swamiadke	9.08
10	60003160012	Darji Komal Ishwar	8.92
10	60003160018	Goyel Chirag Krishna	8.92
10	60003160028	Kalantri Rohan Sanjay	8.92
10	60003160029	Kasle Pratik Ram	8.92



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10	60003160047	Rodrigues Alban Leo	8.92
10	60003160050	Satra Ayush Rashmin	8.92
10	60003160056	Shah Nemil Sandip	8.92
10	60003178009	Raj Parekh	8.92
10	60003178011	Sakshi Sutar	8.92

Class	No. of students
No. of Students appeared	66
No. of Students passed	08
No. of Students secured Distinction	3
No. of Students secured First Class	0
No. of Students secured Second Class	0
Total	77
Passing %	100





S.E. Year

Semester III(2018-19)

RANK	SAP ID	NAME	GPA
1	60003170003	Abheet Shaju	10
1	60003170004	Adnan Hakim	10
1	60003170041	Parth Shah	10
1	60003170043	Pragnya Konakalla	10
1	60003170045	Priyanka Shah	10
1	60003170046	Pushkar Bhuse	10
1	60003170050	Rishika Chhabria	10
1	60003188001	Jigar Avalani	10
1	60003188012	Priyam Vora	10
2	60003170034	Moksha Shah	9.92
3	60003170058	Smruti Belgali	9.85
3	60003188008	Riya Patel	9.85
4	60003170035	Mudassir Khan	9.77
5	60003170001	Aayush Shah	9.69
5	60003170005	Aliabbas Rizvi	9.69
5	60003170008	Ansh Shah	9.69
5	60003170011	Atharv Pandit	9.69
5	60003170026	Jaynik Gaglani	9.69
5	60003170028	Tarini Kulkarni	9.69
5	60003170029	Kunal Goel	9.69
5	60003188004	Bhavin Mehta	9.69
5	60003188007	Ritu Patel	9.69
6	60003188006	Sachin Nandrajog	9.58
7	60003170013	Devansh Kapadia	9.54
7	60003170060	Srishti Prasad	9.54
8	60003170030	Manav Jain	9.46
9	60003170012	Bhavesh Singh	9.38
9	60003170022	Hussain Sadriwalla	9.38
9	60003170057	Smit Malkan	9.38
9	60003170059	Soumyaprakash Dasmohapatra	9.38
10	60003188003	Devanshi Madhani	9.31



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No. of Students appeared	78
No. of Students passed	76
No. of Students secured Distinction	66
No. of Students secured First Class	7
No. of Students secured Second Class	3
No. of Students secured Pass Class	0
No. of Students Failed	2
% passing	<b>98.67</b>



### **DEPARTMENT ACHIEVEMENTS**

1. Prof. Neepa Shah is conferred a PhD degree in engineering at the convocation held in the month of August. The thesis (Semantics based Distributed Document Clustering) for the same was presented in the month of April 2018.
2. Bhavya Shah, Varun Agarwal, Utkarsh Dubey, Prof. Stevina Correia, presented a paper on “Twitter Analysis for Disaster Management” at the 4th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2018) organized by Pimpri Chinchwad College of Engineering, Pune and IEEE Pune Section on 16th, 17th & 18th August 2018. “Twitter Analysis for Disaster Management” got the Best Paper (in Session) Award at ICCUBEA 2018.



### STUDENTS ACHIEVEMENTS

1. Ms. Sanika Biwalkar, student of third year, IT, was enlisted as India's 33 Brightest Engineers in Economic Times' Campus Stars Class of 2017-18.
2. Jeet Bhatelia, student of TE IT underwent certification for "Ethical Hacking" and "Security Analyst v10".
3. Three students of TE IT, viz., Neha Udeshi, Nemil Shah and Harsh Salvi participated and stood 2nd in IET's Hack-n-Code 2.0 organised by MPSTME at NMIMS College on 7th October 2018.
4. Two students of BE viz., Prathamesh Mhapsekar and Mandar Mhapsekar stood 2nd in the m-indicator Android Hackathon 2018 held at VJTI's Technovanza'18 on 29-30 December, 2018.
5. A team (Code3rs) of TEIT students Farhan Kasmani, harshita Khandelwal, and Shreeyaa Agrawal stood 78th at kharagpur Site and 112nd at Kolkata Site in ICPC-Asia Regional Programming Competition Onsite rounds held in December 2018.
6. Following teams from IT department has represented college at the final round of Smart India Hackathon on 2nd and 3rd March 2019

S. No.	Team Name	Team Members	Nodal Centre for Final Round	Mentor Names
1.	CodeProof Monks	Shrushti Pathak, Chirag Goyel, Tilak Satra, Manali Shah, Avdhi Shah, Sagar Darji	Manipal University, Karnataka	Prof. Amit Sahu
2.	*Endgame*	Raj Kothari, Bhumi Jakheliya, Kritika Mittal, Maitri Thaker, Gargi Vyas, Yashvi Upadhyaya	IIT Kanpur, Kanpur	Mr. Ashutosh Kumar
3.	sPYder	Harsh Jain, Shreeya Agrawal, Pritalee Kadam, Farhan Kasmani, Harshita Khandelwal, Ajay Lad	Sri Venkateshawara college of Engineering, Bengaluru	Mr. Lekhraj Varshney
4.	Coderz	Sanjay Nayak, Rohit Jain, Tapendu Bera, Romil Shah, Sarthik Bhat, Srishthi Priya	SSN College of Engineering, Old Mahabalipuram Road, Kalavakkam, Tamil Nadu	Prof. Nancy Nadar

From the above teams, sPYder has won the first prize of amount Rs.75, 000/- at their respective nodal center.



7. Prathamesh Mhapsekar, Mandar Mhapsekar and Aniket Mhatre had participated in state-level project exhibition “DIPEX”, Center for Entrepreneurship Development in Nanded from 2<sup>nd</sup> March – 5<sup>th</sup> March and had won the first prize for their project titled “**Intelligent Form Reader**”.
8. A student of BEIT, Neha Tiwari cleared army exam and appeared for the Service Selection Exam (SSB) Interview Process. The exam consists of total 3 stages. The final recommended candidate has to appear for the medical examination. She underwent medical examination and is awaiting the final result.
9. A student of BEIT, Niket Shah obtained 99.93 percentile in MAH-MBA/MMS-CET 2019.
10. The project titled “Intelligent Form Reader” developed by Mandar Mhapsekar, Prathamesh Mhapsekar and Aniket Mhatre under the guidance of Prof. Vinaya Sawant won the TCS Best Project Award.

## PHOTO GALLERY

संघवी कॉलेजमध्ये रंगणार 'कोडशास्त्र'



**प्रथमेश राणे, कॉलेज क्लब रिपोर्टर**  
muntainbox@gmail.com

तंत्रज्ञानाच्या मदतीने अनेक समस्या सोडवणे आज शक्य झालं आहे. तंत्रज्ञानाची हीच कमाल दाखवणारी तसंच अनेकानेक वैज्ञानिक आविष्कारांनी सज्ज 'कोडशास्त्र ५.०' ही हॅकेथॉन स्पर्धा २ आणि ३ मार्च रोजी म्हणजे सलग चोवीस तास होणार आहे. 'फिनटेक' ही यंदाच्या 'कोडशास्त्र'ची थीम असून फायनान्शियल टेक्नोलॉजीशी त्याचा थेट संबंध असणार आहे. 'महाराष्ट्र टाइम्स' या फेस्टिव्हलचा मीडिया पार्टनर आहे.

मुंबईतल्या सर्वात जुनी आणि मानाची स्पर्धा मानल्या जाणाऱ्या या स्पर्धेत मुंबईसह आजूबाजूच्या परिसरातल्या नामांकित इंजिनीअरिंग कॉलेजमधले ४०० हून अधिक प्रोग्रामर्स हजेरी लावणार आहेत. 'फिनटेक' या थीममधून मिळणाऱ्या नव्या कल्पनांमधून बँकिंग, गुंतवणूक तसंच स्टॉक ब्रोकरेज यासारख्या सुविधांमध्ये स्पष्टता आणि नव्या सुधारणा आणता येणार आहेत. विशेष म्हणजे दुपारपासून सुरू होणारी ही स्पर्धा दुसऱ्या दिवसापर्यंत चालेल. त्यामुळे विद्यार्थ्यांची बुद्धिमत्ता, त्यांचा संयम आणि सहनशक्तीचा देखील कस तपासला जाई. या स्पर्धेचं महत्त्व सांगताना,

सलग चोवीस तास चालणारी स्पर्धा...४०० हून अधिक स्पर्धक आणि त्याला तंत्रज्ञानाची जोड अशा वातावरणात डी. जे. संघवी कॉलेजचा 'कोडशास्त्र' हा फेस्टिव्हल रंगणार आहे. येत्या २ आणि ३ मार्चला हा फेस्टिव्हल होतोय.

**महाराष्ट्र टाइम्स**  
मीडिया पार्टनर

'कोडशास्त्र' म्हणजे बुद्धीला चालना देणारी स्पर्धा आहे. या फेस्टमध्ये भाग घेण्यासाठी शोकडो विद्यार्थी उत्सुक असतात. कारण तंत्रज्ञान, कौशल्य, विचारशक्ती आणि नाविन्य यांची वास्तवाशी सांगड घातलेली पाहायला मिळते', असं प्राध्यापक विनया सावंत यांनी पसांगितलं.

**“**

या फेस्टिव्हलमधून येणाऱ्या नवीन कल्पनांचा कॉर्पोरेट जगताला उपयोग होऊ शकतो. त्यांना जाणवणाऱ्या समस्या सोडवण्यासाठी विद्यार्थ्यांनी मांडलेल्या कल्पना उपयुक्त ठरू शकतील.

- डॉ. हरी वासुदेवन  
प्रिन्सिपल, डी.जे. संघवी कॉलेज

Figure 1: Article about Codeshastra 5.0 in Maharashtra Times





Figure 2: : Neha Udeshi, Nemil Shah and Harsh Salvi stood 2<sup>nd</sup> in IET's Hack-n-Code 2.0 organised by MPSTME at NMIMS College.



Figure 3: Mandar Mhapsekar and Prathamesh Mhapsekar stood 2<sup>nd</sup> in the m-indicator Android Hackathon 2018 held at VJTI's Technovanza'18



Figure 4: Winners of DJASCII 2019- (L-R) Dr. Neepa Shah, Shaunak Sompura, Ms. Chitralkha Bhat, Dr. Hari Vasudevan, Tanuj Bohra, Dr. A. C. Daptardar, Prof. R. S. Khavekar and Dr. N.M. Shekokar



Figure 5: First Runners up at DJASCII 2019- Tejas Ved, Shyam Patil, Jay Chauhan with Dr. Neepa Shah, Ms. Chitralkha Bhat, Dr. Hari Vasudevan, , Dr. A. C. Daptardar, Prof. R. S. Khavekar and Dr. N.M. Shekokar





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Figure 6: The project titled “HealthCare Analysis” was the winner of the poster presentation in DJASCI 2019, a state level project competition.



Figure 7: First Runners up for Poster Presentation at DJASCI 2019- Dharam Sherathia, Krisha Makwana, Dr. Neepa Shah, Sanjana Patel, Ms. Chitralekha Bhat and Dr. Hari Vasudevan

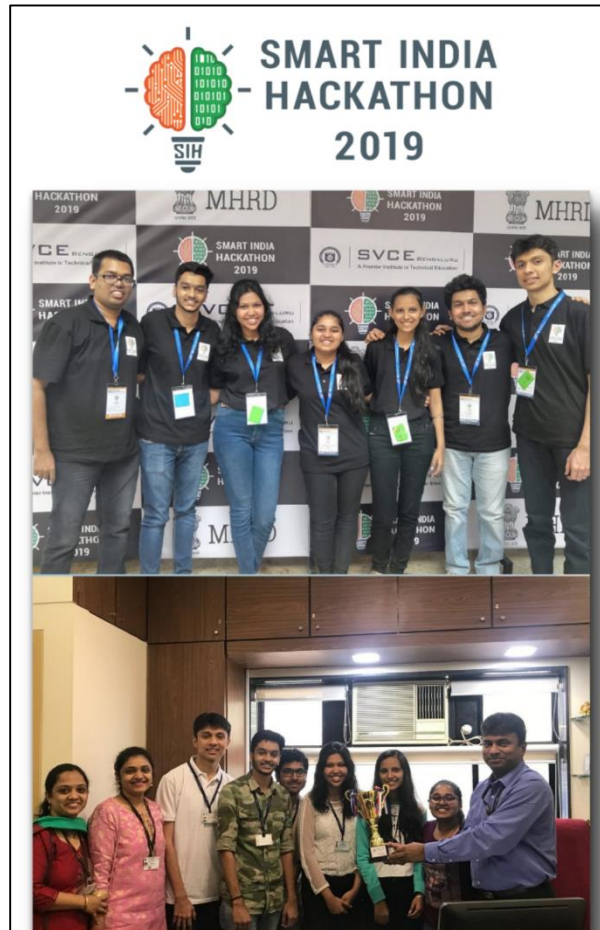


Figure 8: (Top-Bottom) Team sPYder at Sri Venkateshawara college of Engineering, Bengaluru , Team sPYder with Prof. Vinaya Sawant, Dr. Neepa Shah and Dr. Hari Vasudevan



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Figure 9: Project titled “Intelligent Form Reader” developed by Mandar Mhapsekar, Prathamesh Mhapsekar and Aniket Shinde under the guidance of Prof. Vinaya Sawant won the first prize in state-level project exhibition “DIPEX”, Center for Entrepreneurship Development in Nanded



					
					
Government of Maharashtra State Common Entrance Test Cell 08th Floor, New Excelsior Building, A.K. Nayak Marg, Fort, Mumbai 400001 <b>MAH-MBA/MMS-CET 2019</b> Result Date of CET-09th/10th March, 2019					
SR_NO.	REGISTRATION_NO	ROLL_NO	NAME	CET_SCORE_200	CET_PERCENTILE
62	31072225	3410004271	NIKET BHAUMIK SHAH	143	99.93

Figure 10: Niket Shah obtained 99.93 percentile in MAH-MBA/MMS-CET 2019.



Figure 11: Neha Udeshi and Urvi Shah received the Best Female Coder Award at Codeshastra 5.0