Shri Vile Parle Kelvani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Affiliated to the University of Mumbai)
Department of Computer Engineering

Academic Year: 2017-18

ACADEMIC REPORT

Term: July'17 – Dec'17

1. About Department

2. Administration

3. Special Academic Programs

4. Faculty Contribution

    4.1 Faculty Publications: National / International Conference / Journal

    4.2 Book Publication OR book chapters by faculty members

    4.3 Interaction of Faculty with Outside World

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

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

5. Result Analysis

6. Students' Achievement

Academic Year: 2017-18

1. DEPARTMENT

Department VISION

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

Department MISSION

1. Encourage research aptitude and analytical approach to prepare students for facing technological challenges in computing field.

2. Develop professionals, equipped with soft skills, ethical and social values for betterment of society.

3. Create awareness about sustainability concerns and ongoing trends in computing field.

4. To nurture and provide a collaborative environment for enabling aspiring technocrats to meet industry expectations.

5. Provide competent faculty and systematic modern approach in teaching-learning with state-of-art infrastructure.

Program Educational Objectives [PEO]

1. To impart quality education to students, while encouraging innovations and research culture in keeping abreast with technological advancements in computing.

2. To develop computer professionals with comprehensive knowledge, capable of facing indigenous and global challenges.

3. Develop computer professionals to fulfill industry expectations and social aspirations.

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Programs Specific Outcomes [PSO]

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

1. Ability to understand and assess fundamental and advanced principles of computer hardware and software systems.
2. Comprehensive knowledge and practical competence with a broad range of programming languages enabling graduates to understand the structure, design and development methodologies of software systems on various platforms.
3. Ability to efficiently model real-world problems using appropriate data structures and algorithms.
4. Capability of applying computing knowledge in multidisciplinary domains to identify problems and provide solution to them.

About the Department

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

Courses offered

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

2. ADMINISTRATION

ACM Committee

Dr. Narendra Shekokar   Prof. Aruna Gawade   Prof. Sudhir Bagul

Project Committee

Prof. Kiran Bhowmick   Prof. Chetashri Bhadane   Prof. Ruhina Karani

Academic Report

Prof. Chetashri Bhadane   Prof. Priya Lande   Prof. Nancy Nadar

Maintenance Audit Committee

Dr. Narendra Shekokar   Dr. Meera Narvekar   Dr. Ram Mangrulkar

DJ CodeStars

Prof. Aruna Gawade   Prof. Kiran Bhowmick

Prof. Khushali Deulkar   Prof. Pranit Bari

Program Assessment Committee

Dr. Narendra Shekokar   Dr. Meera Narvekar

Dr. Ram Magrulkar   Prof. Aruna Gawade

Prof. Kiran Bhowmick   Prof. Khushali Deulkar

Prof. Chetashri Bhadane   Prof. Ruhina Karani

Departmental Library Committee

Prof. Kiran Bhowmick

Prof. Chirag Desai

Prof. Pankaj Sonawane

Prof. Jennifer Salvaraj

Time-Table Committee

Prof. Lakshmi Kurup

Prof. Deepika Dongre

Maintenance Committee

Dr. Ram Mangrulkar

Prof. Chirag Desai

Cultural Committee

Dr. Meera Narvekar

Prof. Sudhir Bagul

Placement Committee

Prof. Kriti Shrivastava

Prof. Sudhir Bagul

SAP Attendance

Prof. Khushali Deulkar

Prof. Deepika Dongre

Internship Committee

Prof. Aruna Gawade

Prof. Sudhir Bagul

Sports Committee

Dr. Narendra Shekokar

Alumni coordinator

Prof. Khushali Deulkar

Prof. Ruhina Karani

Stationary Incharge

Prof. Pranit Bari

Mentor Incharge

Prof. Sindhu Nair

Entrepreneurship Incharge

Dr. Jyoti Joglekar

Exam Coordinator

Prof. Ruhina Karani

Lab Incharges

Prof. Kiran Bhowmick

Prof. Aruna Gawde

Prof. Chetashri Bhadane

Prof. Deepika Dongre

Prof. Panjak Sonawane

Prof. Pratik Kanani

Class Incharges

Prof. Khushali Deulkar

Prof. Ashok Patade

Prof. Lakshmi Kurup

Prof. Sindhu Nair

Prof. Pranit Bari

Prof. Sudhir Bagul

3. SPECIAL ACADEMIC PROGRAMME

3.1 FDP on Research Areas in Internet of Things (RAIoT)

Objective:

The Internet of Things represents a vision in which the Internet extends into the real world embracing everyday objects. Physical items are no longer disconnected from the virtual world, but can be controlled remotely and can act as physical access points to Internet services. The Internet of Things vision is grounded in the belief that the steady advances in microelectronics, communications and information technology, we have witnessed in recent years will continue into the foreseeable future. The world will be a more deeply and intimately connected place, with an estimated 7.3 billion tablets, PCs and Smartphone's, by the end of this decade. The Major topics to be covered are Basics of Internet of Things (IoT), Interdisciplinary Applications of IoT, Requirements of IoT, Enabling Technologies, IoT Layered Architecture, Current Internet vs Future Internet, Research Issues in IoT, Big Data Management in IoT, IoT Future, Case Study: IoT Applications.

Speakers:

1. Mr. Yogesh Pingale (Vidyavardhini College of Engineering and Technology, Vasai)

2 . Mr. Vishwajeet Rana, ATS Infotech.

Topics Covered:

- Rasberry Pi and Ardino kits.
- Installation of operating system into Raspberry-Pi
- Demonstration of how to link Raspberry-Pi with standalone kits.
- Demonstration of home automation and other useful applications.

- Designing of Sensors, Concept and implementation of Vertical Gardening.

- Health care applications, Music Therapy implementation, Brainwave Capturing.

Outcome:

The attendees understood the concept of IoT, Research areas and hands on experience of its practical aspects. The participants provided positive feedback regarding content, delivery, infrastructure and organization of STTP.

4. FACULTY CONTRIBUTION

4.1 Faculty Publications: National / International Conference / Journal

Sr. No.	Name	Publication Details
1.	Dr. N. M Shekokar	1. Presented a paper "Security Approach on MQTT Based Smart Home", at IEEE International Conference ICPCSI-2017, Chennai on 21st – 22nd 2017
2.	Prof. Kiran Bhowmick Binoy Chitale, Sumedh Mohile, Atharva Naik,	1. Presented a paper "Driver Analysis Using Telematics Data", IEEE sponsored ICIIECS'17 held on 17/03/17 - 18/03/17.
3.	Prof. Chetashri Bhadane Dr. Ketan Shah	1. Presented a paper "Analysis of User Similarity Measures Using GPS Trajectories", at 3rd International Conference ICCUBEA-2017 (IEEE) organized by Pimpri Chichwad COE, Pune on 17th – 18th August 2017
4.	Prof. Pratik Kanani	1. Presented a paper "An Insight into CAPTCHA", at 3rd International Conference ICCS-2017 organized by Rajasthan Technical University, Kota on 12th – 13th August 2017 2. Presented a paper "Big Data, Big Challenges", at 3rd International Conference ICCS-2017 organized by Rajasthan Technical University, Kota on 12th – 13th August 2017

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4.2 Book Publication OR book chapters by faculty members

Sr. No.	Name	Book Publications
1.	Prof. Khushali Deulkar	1. Published a book, "Data Structures in C" for F.Y. B.Sc.(IT, Sem -II) course, Mumbai University, TechMax Publication
2.	Prof. Pranit Bari	

4.3 Interaction of Faculty with Outside World

Sr. No.	Name	STTP/ Workshop / Seminar Details
1.	Dr. N. M Shekokar	1. Attended result moderation meeting at Mumbai University, Kalina on 4th Aug 2017 2. Appointed as ME external examiner for project stage II exam by Savitribai Phule Pune University. 3. Appointed as ME external examiner for project stage II exam by Shri Sant Gadage Baba Maharaj University. 4. Appointed as a session chair of 3rd Internation Conference ICCUBEA-2017 on 17th -18th Aug 2017, organized by Pimpri Chinchwad College of Engineering, Pune. 5. Attended BOS meeting at Mumbai University, Kalina on 22nd Aug 2017 6. Appointed as ME dissertation examiner by Pune University
2.	Prof. Kriti Shrivastava	1. Arranged an expert lecture for TE students. Speaker: Prof. Bhushan Jadhav, TSEC Subject: Operating Systems Date: 23/8/2017, Time: 2 – 4 01/09/2017, Time: 10.30 – 12.30 Venue: C2, Department of Computer Engg., DJSCE

		Total no. of students: 140
3.	Prof. Khushali Deulkar	1. Assigned as coordinator for activity, "Project Deep Blue Season 3" 2. Completed 'Train the Trainer Program in TAW10 and TAW12 SAP ABAP' course. Certificate ID: SEEDSAP/UA/52
4.	Prof. Lakshmi Kurup	1. Completed 'Train the Trainer Program in TAW10 and TAW12 SAP ABAP' course. Certificate ID: SEEDSAP/UA/53
5.	Prof. Pranit Bari	1. Assigned as coordinator for activity, "Project Deep Blue Season 3" 2. Completed 'Train the Trainer Program in TAW10 and TAW12 SAP ABAP' course. Certificate ID: SEEDSAP/UA/54
6.	Prof. Ashok Patade	1. Arranged an expert lecture for TE students. Speaker: Prof. Harish Narula Subject: Microprocessor Date: 24/8/2017, Time: 9.30 – 11.30 Venue: DJSCE Seminar Hall Total no. of students: 151
7.	Prof. Priya Lande	
8.	Prof. Ashok Patade	1. Arranged an expert lecture for SE students. Speaker: Prof. Harish Narula Subject: DLDA, Time: 1.30 – 3.30 Date: 24/8/2017 Venue: DJSCE Seminar Hall Total no. of students: 150
9.	Prof. Jannifer S.	
10	Prof. Deepika Dongre	1. Arranged an expert lecture for SE students. Speaker: Mr. Jigar Panchal, Mr. Lucky Rathod Subject: OOPM, Time: 12.30 – 2.30 Date: 12/10/2017 Venue: C1 Total no. of students: 98

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

Sr. No.	Name	STTP / Workshop / Seminar Details
1.	**Coordinators** Dr. N.M. Shekokar Dr. Meera Narvekar Dr. Ram Mangrulkar	1. Organized FDP on "Research Areas in IoT" **Speakers :** Prof. Yogesh Pingle Mr. Vishshwajit Rana **Date:** 14/07/17 & 15/07/17

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

Sr. No.	Name	STTP/ Workshop / Seminar Details
1.	Dr. N.M. Shekokar	1. Attended FDP on "Research Areas in IoT" **Speakers :** Prof. Yogesh Pingle Mr. Vishshwajit Rana **Date:** 14/07/17 & 15/07/17
2.	Dr. Meera Narwekar	
3.	Dr. Jyoti Joglekar	
4.	Dr. Ram Mangrulkar	
5.	Prof. Aruna Gawade	
6.	Prof. Kiran Bhowmick	
7.	Prof. Kriti Shrivastava	
8.	Prof. Khushali Deulkar	
9.	Prof. Lakshmi Kurup	
10.	Prof. Ashok Patade	
11.	Prof. Chetashri Bhadane	

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12.	Prof. Sindhu Nair	
13.	Prof. Ruhina Karani	
14.	Prof. Abhijit Patil	
15.	Prof. Pankaj Sonawane	
16.	Prof. Pranit Bari	
17.	Prof. Deepika Dongre	
18.	Prof. Chirag Desai	
19.	Prof. Priya Lande	
20.	Prof. Nancy Nadar	
21.	Prof. Jennifer S.	
1.	Dr. Ram Magrulkar	1. Attended 3 days Faculty Induction Program (FIP) at Mithibai College, Mumbai
2.	Prof. Pankaj Sonawane	
3.	Prof. Sudhir Bagul	Date: 22/06/17, 23/06/17, 24/06/17
4.	Prof. Chirag Desai	
5.	Prof. Priya Lande	
6.	Prof. Nancy Nadar	
7.	Prof. Jennifer S.	
1.	Prof. Khushali Deulkar	1. Attended 10 days TeQIP at VJTI, Mumbai Topic: Big Data Analytics Dates:10th – 19th May 2017
2.	Prof. Pranit Bari	

5. RESULT ANALYSIS

(2016-17 even sem)

S.E.

Class	Total	Grade								% Result
		O	A	B	C	D	E	P	F	
SE	151	100	19	12	10	1	0	0	8	94.70%
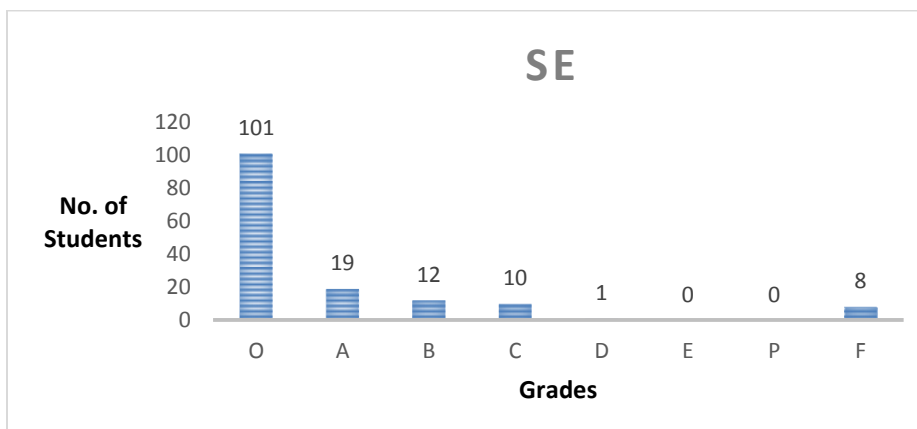
Toppers of SE:

SR. No	SAP ID	NAME	Pointer
1	60004150007	Shruti Bhatt	10
2	60004150014	Mitali Dave	10
3	60004150028	Shreyas Jadhav	10
4	60004150037	Jahanvi Jasani	10
5	60004150039	Miloni Joshi	10
6	60004150067	Purav Nisar	10

| 7 | 60004150072 | Ruchita Parmar | 10 |

T.E.

Class	Total	Grade								% Result
		O	A	B	C	D	E	P	F	
SE	145	124	11	4	2	0	0	0	4	94.70%
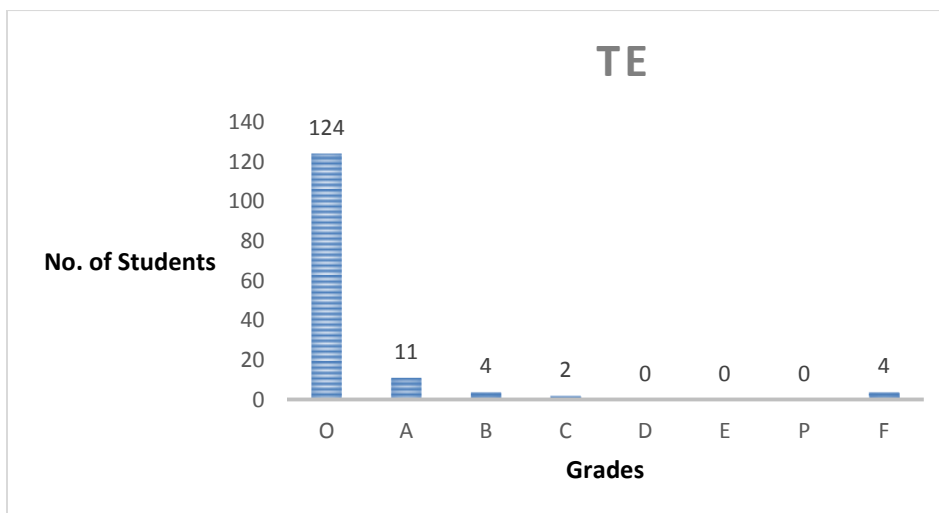
Toppers of TE:

SR. No	SAP ID	NAME	Pointer
1	60004140049	Niyati Maheshwari	10
2	60004140100	Nirali Shah	10
3	60004158013	Varun Mukherjee	10
4	60004158012	Dennis Mistry	10
5	60004158018	Tarun Reddy	10

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B.E.

Number of Students Appeared	148
Number of Students Pass	148
Percentage Result	**100%**
Total Number of Students obtained CGPA >= 9	25
Total Number of Students obtained CGPA >= 8	93
Total Number of Students obtained CGPA >= 7	29
Total Number of Students obtained CGPA >= 6	01

Toppers of BE:

SR. No	SAP ID	NAME	Pointer
1	60004140076	Jeremy Samuel Biny	9.59
2	60004140043	Lodaria Priyal	9.50
3	60004158014	Doshi Krusha Malini	9.49

6. STUDENTS'ACHIEVEMENTS

SE-A

Sr. No.	SAP ID	Name	Achievements
1	60004160021	Kushal Doshi	1. Participated in Hackathon on AI conducted by SPIT in September 2017.

TE-A

Sr. No.	SAP ID	Name	Achievements
1	60004150006	Gargee bhase	1. Completed an internship at technocrat solutions
2	60004150008	Ketav Bhatt	1. Interned at ShipEasy Pvt Ltd.
3	60004150012	Soham Chitalia	1. Interned at Stupidsid
4	60004150018	Ikbal Singh Dhanjal	1. Interned at ShipEasy Pvt Ltd.
5	60004150021	Vatsal Doshi	1. Interning at Web2Success
6	60004150025	Edward Gonsalves	1. Completed Internship at Rolyte HealthTech
7	60004150033	Pranav Jain	1. Interning at Kenilworth Global Consulting
8	60004150038	Anant Joshi	1. Interning at Smokescreen
9	60004150039	Miloni Joshi	1. Interning at Milearth Softech
10	60004150043	Gaurav Katatria	1. Interned at Stupidsid

11	60004150055	Deep Mehta	1. Interned at ShipEasy Pvt Ltd.
12	60004150057	Krisha Mehta	1. Interned at Codebreak 2. Interning at IIT Bombay 3. Volunteer at PyCon 2017
13	60004150059	Krutik Menkudle	1. Interned at ShipEasy Pvt Ltd.
14	60004150060	Aditi Mewada	1. Interning at GREENOX
15	60004168005	Arti Jain	1. Interning at Junkminds
16	60004168013	Prachi Mehta	1. Interning at Junkminds
17	60004168015	Harshita Panchal	1. Interning at Junkminds
18	60004150015	Cyprien Dcunha	1. Finished Internship at iRageCapital Advisory Pvt Ltd as C++ developer for 2 months
19	60004150016	Sanket Amul Dedhia	1. Search Engine Optimization Internship at Shree Shyam Gems and Jewellery
20	60004150021	Vatsal Doshi	1. Interning at Web2Success 2. Microsoft Technology Associate - HTML5 Application Development Fundamentals 3. Course in Open Source Mobile App Development
21	60004150026	Maitri Gosalia	1. Participated in Local volunteering program and worked as a local volunteer in hosting and assisting AIESEC Interns
22	60004150034	Ria Jain	1. Selected as Microsoft Student Partner
23	60004150039	Miloni Joshi	1. Interning at Milearth Softtech
24	60004150057	Krisha Mehta	1. Writer at "Code like a Girl", an international organisation that promotes and encourages girls all over the world to learn how to code.
25	60004168015	Harshita Panchal	1. Completed internship at JunkMinds
26	60004150039	Miloni Joshi	1. Completed Interning at Milearth Softech

| 27 | 60004150114 | Shraddha Shaligram | 1. Completed Interned at IIM Lucknow (5 August 2017-2 September 2017) |

T. E. B

Sr. No.	SAP ID	Name	Achievements
1	60004150035	Vishal Jain	1. ReportCard offer letter 2. Internship at Amardeep Steel Centre from 28-04-2017 to 28-05-2017 3. Participated in Code Chef annual multiround programming competition
2	60004150065	Karthik Nair	1. Internship at Customer Centric LLC
3	60004150071	Mit Parekh	1. Web2Success internship 2. Internship at ReportCard technologies, from 24-05-2017 to 10-07-2017
4	60004150102	Niti Shah	1. Two month internship at CoutLoot from 9-5-2017 to 10-7-2017
5	60004150126	Kanksha Zaveri	1. Two month internship at Oracle (OFSS) from 17-05-2017 to 14-07-2017

B. E. A

Sr. No.	SAP ID	Name	Achievements
1	60004140002	Shweta Sunderkrishnan	1. Internship at TCS (June -August 2017)
2	6004140004	Anshul Balamwar	1. Internship at Sopra Steria (June 2017-July 2017)
3	60004140005	Akshat Barbhaya	1. Completed Machine Learning course from Coursera and received certificate

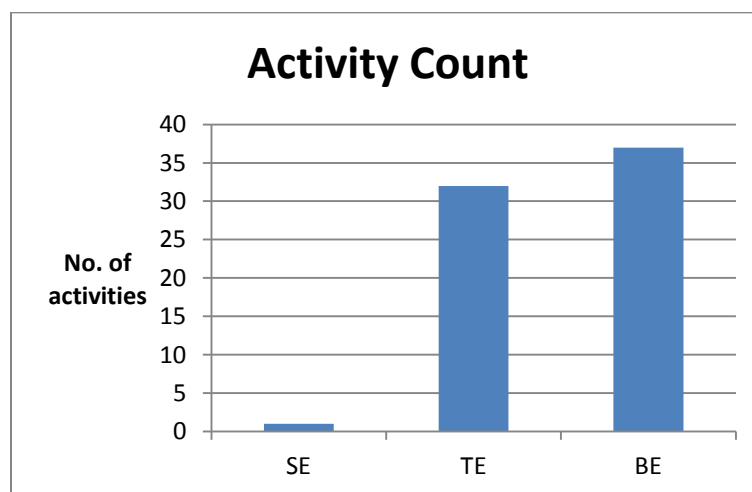|			
			2. Machine Learning Intern at Herolabs Infotech Pvt. Ltd. (SuperFan.ai) June 2017-July 2017
4	60004140011	Aqsa Bhimdiwala	1. Internship at TCS (June - August 2017)
5	60004140012	Raj Chauhan	1. Internship at TCS (June -August 2017)
6	60004140016	Mili Desai	1. Internship at Trendzlink(June - July 2017)
7	60004140017	Twinkle Dhanak	1. Internship at Intelehealth (June 17- August 17) 2. Participant for Code for Good 2017
8	60004140043	Pooja Kulkarni	1. Internship at Avocation Educational Services Pvt. Ltd. (Stupidsid) (June 2017-July 2017) 2. Placed at Morgan Stanley
9	60004140044	Swapnil Kumbhar	1. Internship at Smokescreen Tech (June 2017-Present)
10	60004140051	Vineet Malhotra	1. Internship at Eduvance (June - July 2017)
11	60004140078	Nikita Parmar	1. Internship at Growfitter (June-August 2017)
12	60004158016	Parth Patangia	1. Internship at Nutracode (June -August 2017)
13	60004140007	Rosanlal Behera	1. Runner's Up- Code for Good, JP Morgan
14	60004140008	Rajat Bhagat	1. Runner up in Code for Good, JP Morgan
15	60004140013	Gitika Daswani	1. Selected as the Facilitator for 'Applied CS with Android by Google' for our college and attended the boot camp at Google office, Bangalore

B. E. B

Sr. No.	SAP ID	Name	Achievements
1	60004140062	Zaid Merchant	1. TEDxDJSCE Organizer, Licensee, Chief Curator (July, '17) 2. Wrote article for Protocol, DJ-CSI's annual magazine (July, 2017) 3. Finalist, Morgan Stanley interviews (22/7/17) 4. Participated, Codevita (TCS), on 29/7/17
2	60004140082	Reeya Pimple	1. Interned, Mahindra&Mahindra (7 June - 7 July, 2017)
3	60004140063	Yatri Modi	1. Participated in Code for Good at JP Morgan on 29/7/17
4	60004140071	Rudresh Panchal	
5	60004140091	Aayush Shah	
6	60004140102	Priyank Shah	
7	60004140108	Sanya Shaikh	
8	60004158017	Priyanka Rane	
9	60004140065	Shreya More	
10	60004140067	Vidish Naik	1. Participated in Codevita (TCS), on 29/7/17
11	60004140083	Dishith Poojary	
12	60004140087	MG Rajasekhar	
13	60004140106	Utsav Shah	
14	60004140083	Dishith Poojary	
15	60004140087	MG Rajasekhar	

16	60004140090	Nishit Sakariya	
17	60004140070	Avais Pagarkar	1. Participated, Codevita (TCS), on 29/7/17 2. Google Summer of Code, July 2017 3. Internship at Haptik (with Machine Learning), July 2017.
18	60004140062	Zaid Merchant	1. Rank <500 in TCS Codevita Round 2, 11th August 2. Participated in Code for Good at JP Morgan on 29/7/17
19	60004140067	Vidish Naik	
20	60004140070	Avais Pagarkar	2. Google Summer of Code (GSoC)
21	60004140085	Mukul Puranik	1. Data Analysis Internship (with IIM-L)
22	60004140091	Aayush Shah	1. MTA Certificate (HTML 5 App Dev (20/8/2017)

Sr. No.	Class	Activity Count
1	SE	1
2	TE	32
3	BE	37

Activity Count