

K. J. Somaiya College of Engineering
Vidyavihar, Mumbai-400077

Department of Information
Technology

NEWSLETTER

Vol. 13 No. 1(July 2017 – December 2017)

Editorial Committee.....

Chair Person

Prof. (Ms.) Sujata Pathak

Editorial Committee

Prof. (Ms) Purnima Ahirao

Prof. (Ms) Avani M. Sakhapara

From The Desk of Head.....

I am glad to present you yet another edition of the newsletter of the department.

This semester we have our Final Year B tech syllabus KJSCE 2014 implemented for our final year students, the M Tech scheme KJSCE 2016 for second year also has been implemented for the M Tech 2016-18 batch.



In this semester, there has been good number of paper publications by the faculty in International/National journals/Conferences. There were workshops conducted by faculty for the students.

Placements of final year students of the department were excellent.

I am thankful to all the staff members of the department for their continuous support and effort towards smooth functioning of the activities during the term.

Prof. (Ms.) Sujata Pathak,

Head,

Department of Information Technology,

K.J Somaiya College of Engineering,

Vidyavihar(E),

Mumbai – 77

Departmental and Faculty Activities.....

WORKSHOPS / SEMINARS /

STTPS/FDPS:

Organized –

1. Seminar was organized for TY BTech students

Title: “Importance of Search Engine Optimization for web development”

Date: 4th October 2017

Coordinated By:

Prof. Avani Sakhapara

Attended -

1. One week AICTE ISTE approved STTP was attended by the departmental faculty

Title: “Data Analytics using R”

Date: 3rd - 7th July 2017

Venue: S.I.E.S. Graduate School of Technology

Organized By: S.I.E.S. Graduate School of Technology, Nerul, Mumbai

Attended By:

Prof. Nandana Prabhu

2. One week ISTE approved STTP was attended by the departmental faculty

Title: “Cyber security on IOT and Cloud”

Date: 3rd - 7th July 2017

Venue: FRCRCE, Bandra

Organized by: FRCRCE, Bandra

Attended By:

Prof. Yogita Borse

3. Two week FDP in Blended mode was attended by the departmental faculty

Title: “FDP101x Foundation Program in ICT for Education”

Date: 27th July - 7th September 2017

Venue: KJSCE, Remote Centre

Organized by: IIT Bombay

Attended By:

Prof. Sujata Pathak

Dr. Sonali Patil

Prof. Sangeeta Nagpure

Prof. Ashwini Dalvi

Prof. Suchitra Patil

Prof. Purnima Ahirao

Prof. Sunayana Jadhav

Prof. Yogita Borse

Prof. Deepti Patole

Prof. Avani Sakhapara

Prof. Dipti Pawade

Prof. Anupam Jain

4. Two week FDP in Blended mode was attended by the departmental faculty

Title: “FDP201x Pedagogy for Online and Blended Teaching-Learning Process”

Departmental and Faculty Activities.....

Date: 14th September - 12th October 2017

Venue: KJSCE, Remote Centre

Organized by: IIT Bombay

Attended By:

Prof. Sujata Pathak

Dr. Sonali Patil

Prof. Sangeeta Nagpure

Prof. Ashwini Dalvi

Prof. Suchitra Patil

Prof. Purnima Ahirao

Prof. Sunayana Jadhav

Prof. Yogita Borse

Prof. Deepti Patole

Prof. Avani Sakhapara

Prof. Dipti Pawade

Prof. Anupam Jain

5. One week Workshop was attended by the departmental faculty

Title: “Medical device Innovation Camp (MEDIC 2017)”

Date: 13th September - 17th September 2017

Venue: College of Engineering, Pune

Organized by: BETiC, IIT Bombay

Attended By:

Prof. Sujata Pathak

Dr. Sonali Patil

6. One week ISTE approved STTP was attended by the departmental faculty

Title: “Sensor Technology and Innovations”

Date: 4th December - 9th December 2017

Venue: KJSCE, Mumbai

Organized by: KJSCE, Mumbai

Attended By:

Prof. Era Johri

7. Two days Workshop was attended by the departmental faculty

Title: “Introduction to Machine learning”

Date: 16th December - 17th December 2017

Venue: KJSCE, Mumbai

Organized by: IIT Kharagpur

Attended By:

Prof. Anupam Jain

Prof. Leena Sahu

8. One week MHRD, Govt. of India approved STTP was attended by the departmental faculty

Title: “Academic Audit for Effective Curriculum Implementation & Evaluation (MH-5/17-18)”

Date: 18th December - 22nd December 2017

Venue: NITTTR Extn Centre, Pune

Organized by: NITTTR, Bhopal

Attended By:

Dr. Sonali Patil

Departmental and Faculty Activities.....

SESSIONS CONDUCTED:

1. **Prof. Avani Sakhapara and Prof. Dipti Pawade** delivered Workshop on **Java from Placement Perspective** for Third year and Final year students from 5 - 16 August 2017, Electronics Department, KJSCE, Mumbai
2. **Prof. Dipti Pawade** was invited and appreciated to conduct a session on “**Importance of Search Engine Optimization for web development**”, for **TYIT students**, KJSCE, Mumbai.

PAPER PUBLICATIONS:

Sr.No	Faculty Name	Paper Title	Journal Name/Conference Name	Month, Year
1.	Ms. Avani Sakhapara	Animation based Hybrid Shoulder Surfing Attack Proof Approach for User Authentication	IEEE, Third International Conference on Computing, Communication, Control and Automation (ICCUBEA),2017,Pune	17-18 Aug 2017
2.	Ms. Dipti Pawade	Animation based Hybrid Shoulder Surfing Attack Proof Approach for User Authentication	IEEE, Third International Conference on Computing, Communication, Control and Automation (ICCUBEA),2017,Pune	17-18 Aug 2017
3.	Dr. Sonali Patil	Skin lesion detection and classification	International Conference on Electrical Engineering and Informatics, Langkawi, Malaysia	25-27 Nov 17
4.	Ms. Era Johri	Music Playlist Generation Using Facial Expression Analysis and Task Extraction	Intelligent Communication and Computational Technologies, SPRINGER LNNS, Volume 19	Oct-17
5.	Mr. Irfan Siddavatam	Testing and validation of MODBUS/TCP protocol for secure SCADA communication in CPS using formal methods	Scalable Computing: Practice and Experience Scientific International Journal for Parallel and Distributed Computing	Nov-17
6.	Mr. Irfan Siddavatam	A Computational Intelligence Approach for Cancer Detection using Artificial Immune System	2017 International Conference on Computational Intelligence: Theories, Applications and Future Directions	6-8 Dec 17

Sr.No	Faculty Name	Paper Title	Journal Name/Conference Name	Month, Year
7.	Mr. Irfan Siddavatam	An Ensemble Learning for Anomaly Identification in SCADA System	International Conference on Power Systems (ICPS)	21-23 Dec 17
8.	Ms. Suchitra Patil	Comparative Study of Color Iris Recognition: DCT vs. Vector Quantization approaches in RGB and HSV Color Spaces	IEEE co-sponsored, International Conference on Advances in Computing, Communications and Informatics (ICACCI)	13-16 Sep 17
9.	Ms. Suchitra Patil	A Robust Watermarking On Colored Images	IEEE co-sponsored, International Conference on Advances in Computing, Communications and Informatics (ICACCI)	13-16 Sep 17
10.	Ms. Sujata Pathak	Hybrid Cryptosystem for Secure Data Storage	International Journal of Innovative Research Journal in Information Security	Nov-17
11.	Mr. Sanjay Vidhani	Powershare: A Distributed processing system for Android Devices	IEEE conference on Communication and Electronics Systems (ICCES 2016)	Oct-17
12.	Ms. Sunayana Jadhav	Entaalarm-Implementation	International Journal of Research and Scientific Innovation (IJRSI)	Jul-17

Student Activities.....

CSI Members 2017-18:

- IT Department -

Secretary

Bro. Soham Hichkad (TY)

Jt. Financial Secretary

Bro. Shivani Save (SY)

Technical Team

Bro. Hitansh Shah (SY)

Bro. Hitanshu Shah (SY)

Event Team

Bro. Aliasgar Haji (SY)

SE Representative

Sis. Ramya Rajan (SE)

Creative Team

Bro. Myron Carvalho

Bro. Jyeshtha Vartak



CSI Events:

- **Workshops Organized -**

1. One day workshop was conducted on “**Machine Learning**” on 15th Sept 2017. It was the implementation part of what was explained in the ML seminar. Total count of attendees was 157.

Total Participants: 157

Delivered by:

Pr Head Aromal.

Tech Head Sarfaraz

Coordinator Bhairavi

Jt. Gen Sec Dhiti

Financial Secretary Harsh

Secretary Soham

Co-speakers

Event Team : Neha ,Alisagar

Tech Team : Jasdeep, Hitanshu , Hitansh

Jt. Financial Secretary Shivani .

2. This workshop was conducted for SE’s on 29th Sept 2017. This workshop was about creating an Cordova app. and Ionic app.

Total Participants: 33

Delivered By

Tech head Sarfaraz

Jt. Gen Sec Dhiti .

Co-speakers

Tech team: Hitansh and Hitanshu.

3. This workshop was conducted for TE’s on 11th Oct 2017. This workshop was about creating an Cordova app. and Ionic app.

Total Participants : 15.

Student Activities.....

Delivered by:

Tech head Sarfaraz

Co-speaker was Tech team Hitansh.

3. This workshop was about creating an app using Unity and Vuforia SDK .This workshop was conducted on 3rd Nov 2017 only for FE's.

Total Participants: 73

Delivered by:

Tech Head Sarfaraz

Jt. Technical Head Sumit

Jt. Gen Secretary Dhiti

Pr Head Aromal .

Co-speakers

Tech Team: Hitansh ,Hitanshu and Jasdeep.

- **Seminar Organized –**

1. This seminar was to highlight the FE's about various technical fields in Computers and how to make best use of their 4 years of engineering, how CSI would help them

in this, seminar was conducted on 12th sept 2017 for FE's.

Total Participants: 85

Delivered by:

Jt. Gen Secretary Dhiti Thakkar ,

Tech Head Sarfaraz

Jt. Technical Head Sumit Poojary .

2. This seminar was about Artificial Intelligence and primarily of Machine Learning. This seminar was conducted on 14th Sept 2017 for FE'S.

Total Participants :155

Delivered by:

Jt. Gen Secretary Dhiti Thakkar ,

Tech Head Sarfaraz

- **Technical Event Organized –**

1. Abhyantriki-17 was organized on 6th and 7th October, 2017 by CSI-KJSCE Council. Following were the major:

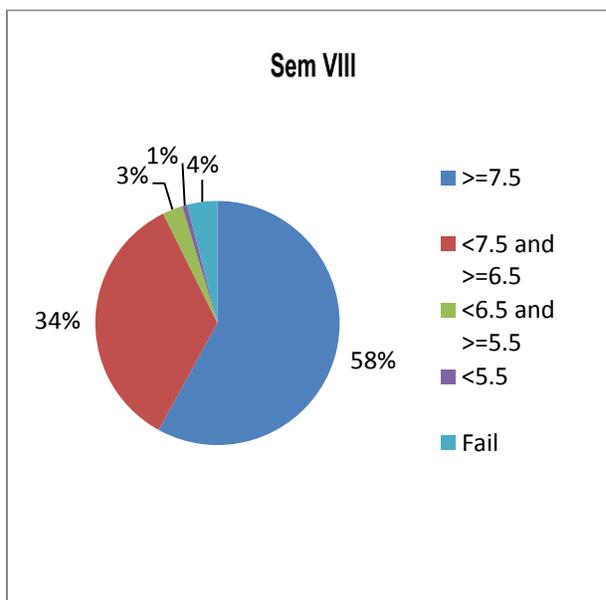
Competitions conducted-

- Code In X
- CODE BREAK
- JUMBLED CODE

Result Statistics.....

UG Results

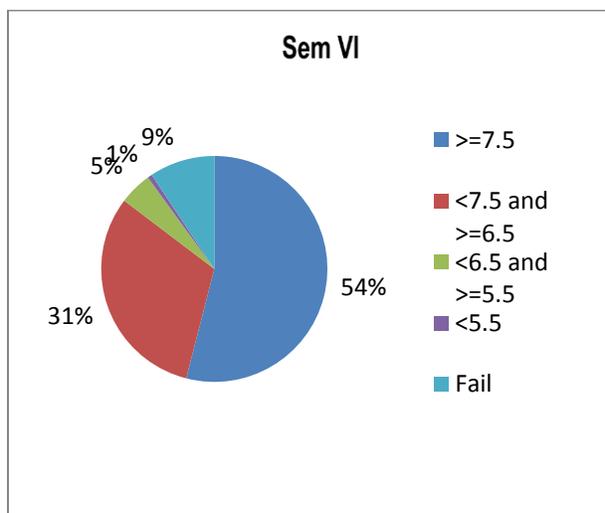
Semester VIII (May – June 2017)



Meritorious Students

Rankers		
Sr. No.	Name of Students	GPA
1	SEN ARNAJA ASIM SUPRIYA	9.54
2	SHAH HARDIK NILESH SHARMILA	9.46
3	SHAH JINAL HEMANT DIPTI	9.08
4	KHATRI ASHA LEKHRAJ LOONIDEVI	9.04
5	SABOO KRISHNA MAHESH ASHA	8.92

Semester VI (May - June 2017)

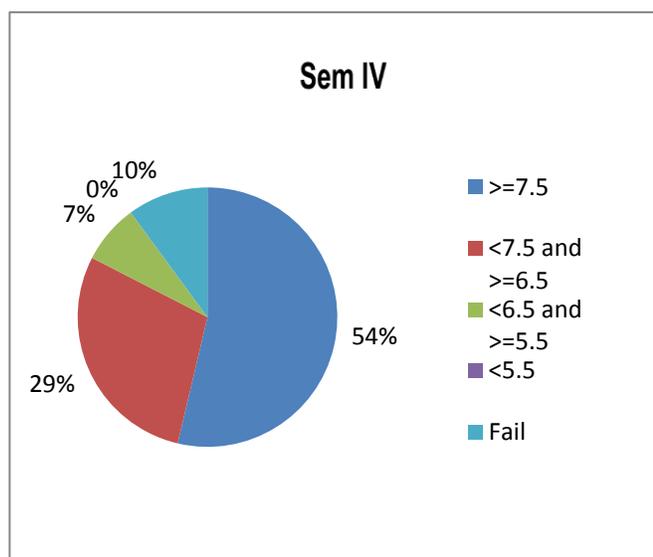


Meritorious Students

Rankers		
Sr. No.	Name of Students	GPA
1	NADAR SUMATI RAMAJAYAM JAYA	9.74
2	GADA RISHABH BHARAT ANITA	9.61
3	NAIK KOMAL SANTOSH SONALI	9.43
4	AGARWAL ANKITA MUKESH MADHU	9.30
4	MEHTA SIMRAN SALIL KIRAN	9.30
5	CHAUDHARI BHAKTI APPASAHEB SWATI	9.26

Result Statistics.....

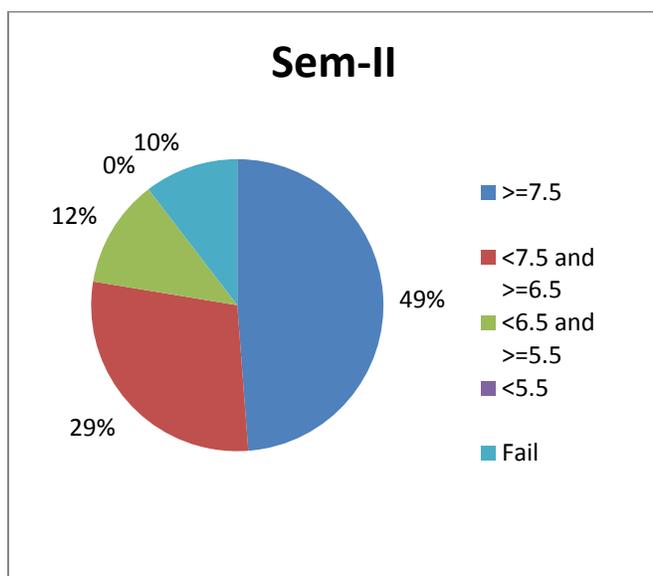
Semester IV (May - June 2017)



Meritorious students

Rankers		
Sr. No.	Name of Students	GPA
1	MITTAL AYUSH ANIL MAMTA	9.42
2	SONI ROSHNI ASHOK PUSHPA	9.21
2	ANGRE TANMAY JAYWANT JYOTI	9.21
3	GUJAR PRASAD BALAVANT CHHAYA	9.13
3	SANKPAL NIKHIL VIJAY NILAM	9.13
4	KINI NIKET NITIN NIKITA	9.04
4	NAINANI CHETNA AJAY MANISHA	9.04
5	ARVIND GANESH AKILA	9.00

Semester II (May - June 2017)



Meritorious Students

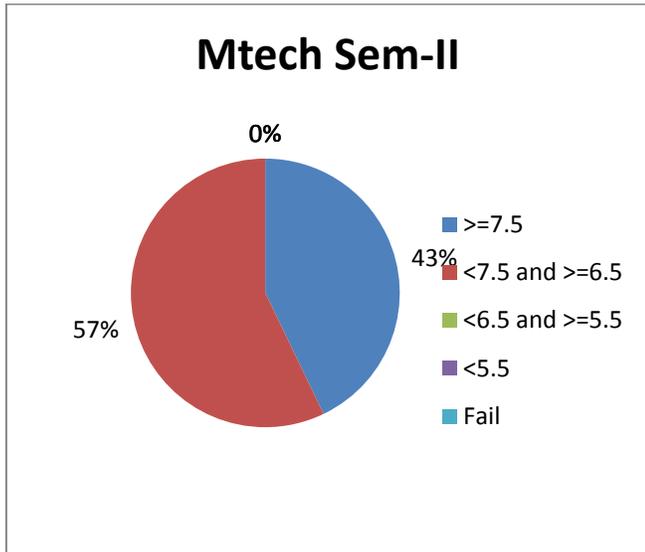
Rankers		
Sr. No.	Name of Students	GPA
1	KOTIAN PRAJWAL KESHAV RATHNA	9.73
1	PINTO DENVER LEO SHARON	9.73
2	SHAH JAY RAJIV SONAL	9.23
3	ALIASGAR MUSTAFA HAJI UMAIMA	9.19
4	GEORGE HIMA BINNY PREMINA	9.15
4	SAVLIA PALAK PARESH SANGEETA	9.15
4	NAIK YASH PRASHANT VAISHALI	9.15
5	TATHAVADKAR AMEYA VIVEKANAND ANJALI	9.04

Result Statistics.....

PG Results

Semester II (May – June 2017)

Meritorious Students



Rankers		
Sr. No.	Name of Students	GPA
1	GADGIL PRIYA BALWANT ALAKA	9.00
2	TIRODKAR VIVEK SUNIL VRUSHALI	7.95
3	SAWANT ATUL SHARAD SEEMA	7.74

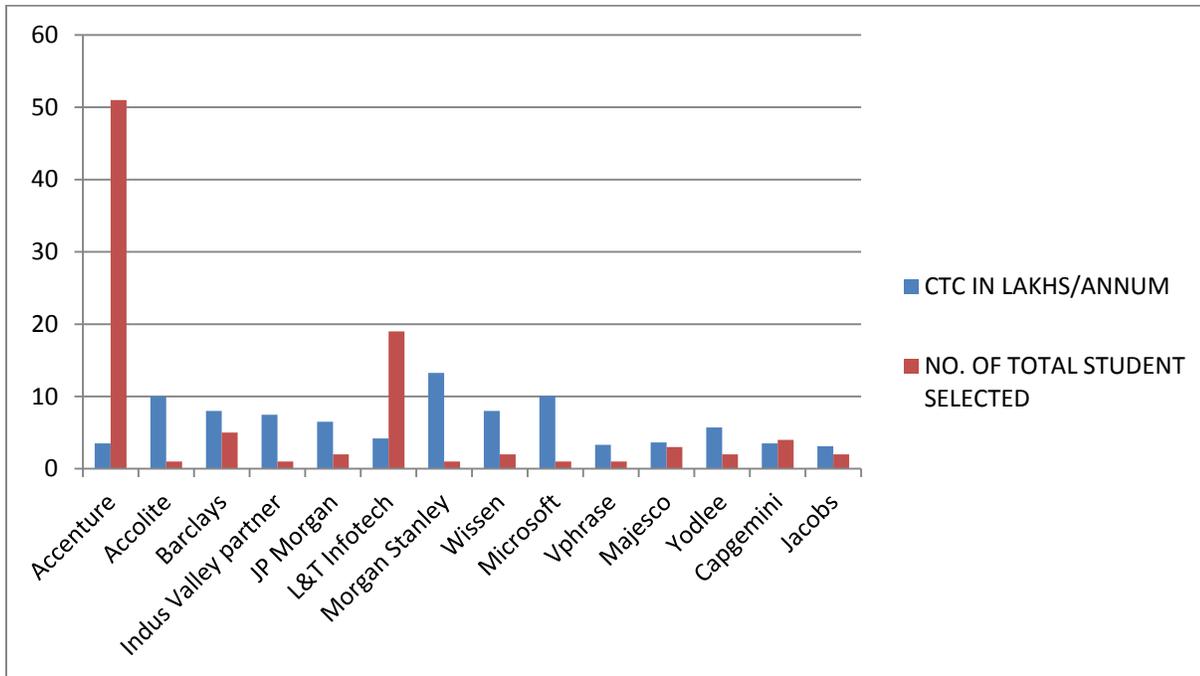
Placement Statistics

PLACEMENTS

95 out of 152 students of final year are placed till date.

SR. NO.	NAME OF COMPANY	CTC IN LAKHS/ANNUM	NO. OF STUDENTS PLACED
1	Accenture	3.5	51
2	Accolite	10	1
3	Barclays	8	5
4	Indus Valley partner	7.48	1
5	JP Morgan	6.5	2
6	L&T Infotech	4.18	19
7	Morgan Stanley	13.25	1
8	Wissen	8	2
9	Microsoft	10.07	1
10	Vphrase	3.3	1
11	Majesco	3.65	3
12	Yodlee	5.7	2
13	Capgemini	3.5	4
14	Jacobs	3.12	2
Total			95

Placement Statistics



Faculty Details.....

Sr. No.	Faculty Name	Designation	Room No.
1.	Ms. Sujata Pathak (HOD)	Asst. Professor	B318
2.	Ms. Kiran Kumari (Associate HOD)	Asst. Professor	B214
3.	Ms. Sangeeta Nagpure	Associate Professor	B308
4.	Ms. Nandana Prabhu	Associate Professor	B308
5.	Ms(Dr.). Sonali Patil	Associate Professor	B308
6.	Mr. Irfan Siddavatam	Associate Professor	B310
7.	Mr. Ravindra Divekar	Associate Professor	B212
8.	Ms. Nilkamal More	Asst. Professor	Study Leave
9.	Ms. Suchitra Patil	Asst. Professor	B313
10.	Ms. Pooja Malhotra	Asst. Professor	B213
11.	Mr. Manjitsing Valvi	Asst. Professor	B307
12.	Ms. Era Johri	Asst. Professor	B317
13.	Ms. Purnima Ahirao	Asst. Professor	B315
14.	Ms. Ashwini Dalvi	Asst. Professor	B310
15.	Ms. Ujwala Bhangale	Asst. Professor	B313
16.	Ms. Sunayana Jadhav	Asst. Professor	B316
17.	Ms. Yogita Borse	Asst. Professor	B315
18.	Ms. Deepti Patole	Asst. Professor	B307
19.	Ms. Khushi Khanchandani	Asst. Professor	B309
20.	Ms. Avani Sakhapara	Asst. Professor	B315
21.	Mr. Sanjay Vidhani	Asst. Professor	B314
22.	Ms. Dipti Pawade	Asst. Professor	B317
23.	Mr. Sagar Korde	Asst. Professor	B317
24.	Ms. Anupam Jain	Asst. Professor	B316
25.	Ms. Garima Rawat	Asst. Professor	B316
26.	Ms. Leena Sahu	Asst. Professor	B309
27.	Ms. Anshul Singh	Asst. Professor	B214
28.	Ms. Anooja Joy	Asst. Professor	B213