

# **ANNUAL REPORT**

## **Computer Society of India- KJSCE Students' Chapter**

**2016-2017**

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

**Name of the organization/ chapter/ project: CSI - KJSCE**  
**List of Members/ Details of Committee: 2016 – 2017**

<b>Sr. No.</b>	<b>Name of the Faculty advisor/ in-charge</b>	<b>Department</b>	<b>Portfolio</b>
1.	Dr. Manish Potey	COMPS	Student Branch Counsellor
2.	Prof. Shweta Dhawan Chachra	COMPS	Faculty Advisor
3.	Prof. Suchitra Patil	IT	Faculty Advisor

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Current Year of Study and Department</b>	<b>Portfolio</b>
1.	Vivek Rai	COMPS	General Secretary
2.	Aditya Sharma	IT	Jt. General Secretary
3.	Purvak Lapsiya	COMPS	Jt. General Secretary
4.	Sehab Mankada	IT	Secretary
5.	Yash Pasar	COMPS	Financial Secretary
6.	Sambit Mohapatra	COMPS	Coordinator
7.	Devika Shanbagh	IT	Technical Head
8.	Vikrant Choudhary	COMPS	Jt. Technical Head
9.	Ruchita Zambare	IT	Technical Team
10.	Sarfaraz Gulam Mohammed Iraqui	LY COMPS	Technical Team
11.	Shivani Doke	COMPS	Public Relations Officer
12.	Smruti Berad	IT	Jt. Public Relations Officer
13.	Aromal Nair	LY COMPS	Public Relation Team
14.	Meet Paradia	LY ETRX	Public Relation Team
15.	Forum Bhanushali	COMPS	Creative Head
16.	Divya Adepu	IT	Creative Team

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

17.	Priyanka Kalena	LY COMPS	Creative Team
18.	Chirag Thakkar	IT	Event Head
19.	Harsh Panchamiya	LY COMPS	Event Team
20.	Omkar Ranadive	LY COMPS	SE Representative
21.	Ramya Rajan	LY IT	SE Representative
22.	Jay Gala	TY COMPS	FE Representative
23.	Swapnil More	TY IT	FE Representative
24.	Arnav Kulkarni	TY ETRX	FE Representative
25.	Ruchi Bhatia	TY COMPS	FE Representative
26.	Hitanshu Shah	TY IT	FE Representative
27.	Hitansh Shah	TY IT	FE Representative
28.	Aliasgar Haji	TY IT	FE Representative

**Photo of members/ committee: 2016 - 2017**

**CSI-KJSCE Council 2016-17**



**K. J. Somaiya College of Engineering, Mumbai-77**  
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**Details of events/activities held during academic year 2016 – 2017**

<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
1.	9th	2016	August	12:30pm - 1:15pm	Seminar Hall - B507	Handover Ceremony
2.	29th	2016	August	5:15pm - 6:45pm	Seminar Hall - B507	AI and ML Seminar
3.	30th	2016	August	3:15pm - 3:50pm	Seminar Hall - B113/B114	GATE Seminar
4.	19th	2016	September	5:30pm - 7:30pm	Lab Nos: B216, B217, B209, B307	Android Workshop 1.0
5.	20th	2016	September	4:15pm - 7:00pm	Lab Nos: B212, B217, B309	Android Workshop 2.0
6.	26th	2016	September	4:15pm - 7:30pm	Lab Nos: B215, B217, B317, B116, B115	Machine Learning Workshop
7.	28th	2016	September	5:15pm - 7:00pm	Seminar Hall - B507	IDP Seminar
8.	30th	2016	September	11:00am - 5:00pm	-	Code Wars (Online Event)
9.	1st	2016	October	10:30am - 5:00pm	Lab Nos: B116, B115	CryptoPokemon
10.	20th	2016	October	5:15pm - 7:30pm	Lab Nos: B315, B310, B317, B316, B314, B309	Cryptography Workshop
11.	19th	2017	January	5:30pm - 7:00pm	Seminar Hall - B113/B114	Big Data and Hadoop Seminar

**K. J. Somaiya College of Engineering, Mumbai-77**  
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12.	21st	2017	January	9:45am - 5:30pm	Seminar Hall - B113/B114	<u>TECHNEXT 2K17</u> <ul style="list-style-type: none"> <li>● Open House on VR</li> <li>● Address by Microsoft Expert and PPT VR Launch</li> <li>● AR Workshop</li> <li>● AR App Competition</li> </ul>
13.	18th	2017	March	10.00am - 5.30pm	B building labs and seminar halls	<u>TATVA CONVERGENCE 2K17</u> <ol style="list-style-type: none"> <li>1. Felicitation Ceremony</li> <li>2. Project Pro</li> <li>3. Poster Presentation</li> <li>4. Code Swap</li> <li>5. Digital Forensics</li> <li>6. Tech Hunt</li> <li>7. Technical Paper Presentation</li> <li>8. Faculty Photo</li> <li>9. Faculty Fun</li> </ol>
14.	31st	2017	March	9:30am - 5:30pm	Seminar Halls - B507 and B113	Oracle Certification Open House

<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
1.	9th	2016	August	12:30pm - 1:15pm	Seminar Hall - B507	Handover Ceremony

**Report of event/ activity**

**Event: Handover Ceremony**

- Ceremony duly started by the host, Joint G. Sec. Aditya Sharma.
- Somaiya prayer by Menaka Ravi and Forum Bhanushali.
- Report by former-G. Sec. Aditi Kacheria highlighting the success of the council and the hard work put together the entire year and a small orientation to the current council

members about the entire working of the council along with a couple of advices and rules to be followed in order to ensure smooth functioning throughout the year.

- The handover of positions from the ex-council members to the present council members.
- Felicitation of the former-council by esteemed faculty members with certificates and letter of appreciation.
- Speech and a small presentation by the current General Secretary Vivek Rai, introducing the new council, with an immersive Prezi presentation prepared by Technical Head, Devika Shanbhag. The General Secretary proposed the upcoming events (workshops/seminars) and the goals for the council in the term 2016-2017.
- Vote of thanks by the current joint General Secretaries Purvak Lapsiya and Aditya Sharma.
- Clicked photos of both the former and the current council with the faculty members.

**Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
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**K. J. Somaiya College of Engineering, Mumbai-77**  
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2.	29th	2016	August	5:15pm - 6:45pm	Seminar Hall - B507	Artificial Intelligence Seminar (FEs)
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**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MECH	Total no of participants
FY						165
SY						
TY						
LY						

**Report of event/activity**

**Event: A Seminar on Artificial Intelligence for FEs**

- Seminar duly began with a short video on what AI is all about.
- Joint General Sec. Aditya Sharma welcomes our speakers, Purvak Lapsiya and Devika Shanbhag.

**TOPICS COVERED:**

- What is AI?
- Neural Network
- AND OR operation
- AlphaGo
- Introduction to Machine Learning
- Classification- Weight Loss/Gain
- Regression
- K-nearest Neighbours
- Supervised and Unsupervised ML
- Activity-Clustering
- Sine wave diagram
- Tensor flow
- Getting started with ML
- Websites:
  1. <https://www.kaggle.com/>
  2. <https://data.gov.in/>

A short summary was by the speakers and the seminar ended with asking the attendees to fill up the feedback form.

**Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
3.	30th	2016	August	3:15pm - 3:50pm	Seminar Hall - B113/B114	GATE Seminar

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						59
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

### **Report of event/ activity**

#### **Speaker:**

**Vivek Bhasopia**, college alumni from CS department (Currently pursuing MTECH from IIT Bombay)

#### **Description:**

- The speaker began the seminar with a short video.

#### **Main Points Covered**

- In this blind race to prepare for GRE and go ahead for our further studies, we often overlook the other great feasible career options
- To shed light on one such post graduate test, the speaker gave the seminar on “Preparation for GATE Examination”.
- After the seminar, questions were asked and doubts were cleared
- Chief guests, Mrs. Nandana Prabhu and Mrs. Swati Mali were requested to felicitate our speaker.
- General Secretary Vivek Rai gave a short talk about the examination and his friend’s anecdote.

### **Sample Photographs of the Event/Activity**



<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
4.	19th	2016	September	5:30pm - 7:30pm	Lab Nos: B216, B217, B209, B307	Android Workshop 1.0

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						75
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**AIM:**

- The workshop on Android was the first workshop to be conducted for the term 2016-2017.
- The main aim was to get all participants familiarized with the Android mobile operating system and give them hands on experiences as well.
- The driving force for this workshop to be conducted was the increasing market share acquired by android smartphones.

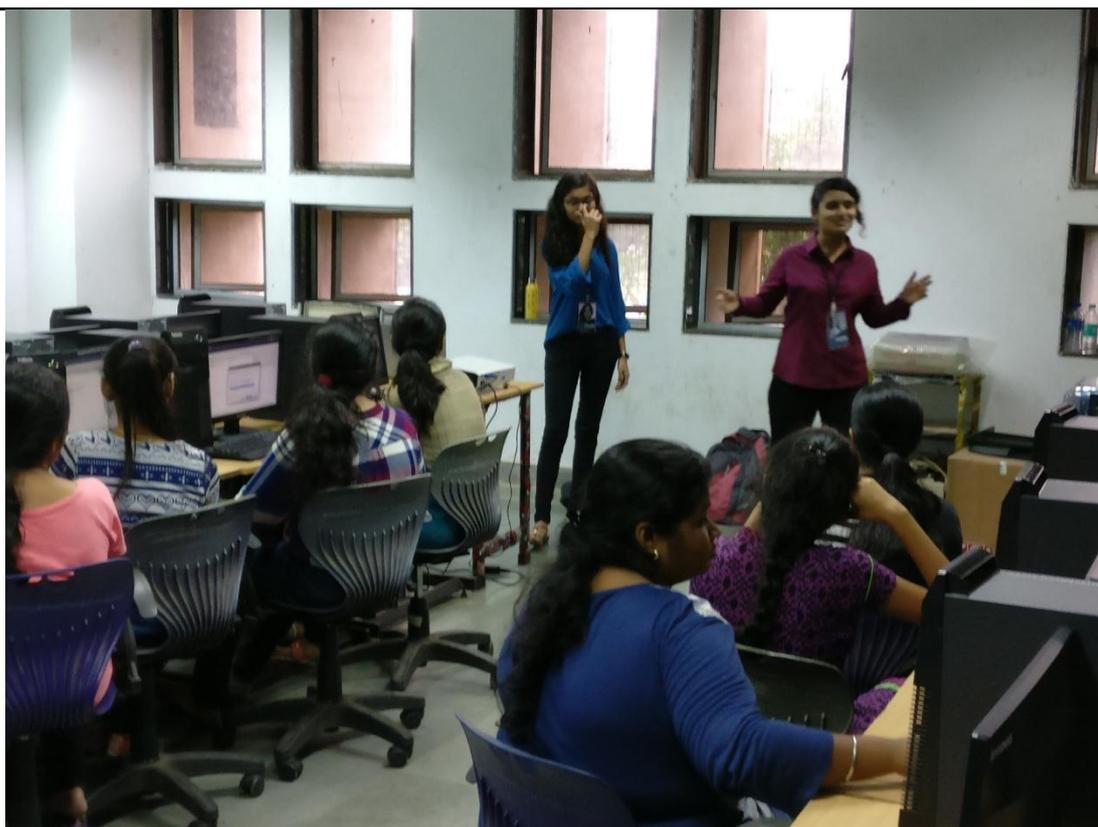
**TOPICS COVERED:**

- What is Android?
- Some facts about Android
- Why Android?
- Activity
- Tools for development?
- SDK and AVD?
- Android Application
- Significance of each folder
- 1<sup>st</sup> App explanation

**Sample Photographs of the Event/Activity**



**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
5.	20th	2016	September	4:15pm - 7:00pm	Lab Nos: B212, B217, B309	Android Workshop 2.0

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						51
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

### **Report of event/ activity**

**Event: Android Workshop 2.0**

#### **TOPICS COVERED:**

- 1<sup>st</sup> App explanation continued
  1. TextView
  2. ImageView
  3. ButtonView
- Meme Generator app Explained
- Event Handling
- Backend Explanation
- Intents
- The running of the application on the participants android smartphones

#### **Sample Photographs of the Event/Activity**



**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
6.	26th	2016	September	4:15pm - 7:30pm	Lab Nos: B215, B217, B317, B116, B115	Machine Learning Workshop

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						83
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

### **Report of event/ activity**

#### **Event: Machine Learning Workshop for FEs**

##### **AIM:**

The workshop on Machine Learning was the third workshop to be conducted for the term 2016-2017. The main aim was to get all participants familiarized with Machine Learning and give them hands on experiences as well.

##### **FLOW:**

All the participants were given a short seminar on what Machine Learning is and the cover up of the Artificial Intelligence seminar.

The workshop began with the introduction of the speakers.

All registered CSI members were given entry.

The total number of participants was summed up to 83.

##### **TOPICS COVERED:**

- What is Machine Learning?
- Supervised, Unsupervised and Reinforcement learning.
- Regression
- Classification
- House price Determination
- Linear Model
- Clustering
- Confusion Matrix
- Apple orange dataset
- Fitbit dataset

### **Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
7.	28th	2016	September	5:15pm - 7:00pm	Seminar Hall - B507	IDP Seminar

**Details of participation in the event/ activity**

<b>No. of students/ faculty</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						63
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Speaker:**

- Mr. Kalpesh Chauhan

**TOPICS COVERED:**

- Why Study Abroad?
- Popular Destinations
- Scholarships
- Application Process
- Intakes
- How IDP helps etc.
- Websites:
  - <https://www.india.idp.com/>
- A short summary was by the speakers and the seminar ended with asking the attendees to visits the IDP office for further queries.

Sr. No. of Event / Activity	Day/ Date	Year	Month	Time	Venue	Description of Activity
8.	30th	2016	September	11:00am - 5:00pm	-	Code Wars (Online Event)

**Details of participation in the event/ activity**

No. of students/ faculty	COMP	ETRX	EXTC	IT	MECH	Total no of participants
FY						225
SY						
TY						
LY						

### **Report of event/ activity**

**Event: Code Wars 2K16**

**AIM:**

The main aim was to promote competitive programming in our college to help provide a new platform for the students and unearth new talent.

**DESCRIPTION:**

CSI KJSCE's Interdepartmental Competitive Programming Event which had a total of 3 rounds including the warm up round conducted on HackerRank. The main objective was to solve the questions in a given amount of time, taking any number of attempts, all while the participants were sitting at home. The final round of CODE WARS 2K16 was conducted on the first day of Abhyantriki 2K16. The first round had COMPS department as the leader with IT department being a close second.

All in all, CODE WARS 2K16 was the most successful event organized by the CSI KJSCE council in history with a total of 960 submissions, 225 Registrations and 170 sign ups.

**WINNING DEPARTMENT:**

Computer Department

### **Details of winners and their respective prizes**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Department</b>	<b>Details of prize won</b>	<b>Remarks</b>
1.	Kunal Chheda	COMPS	Rs. 2000	Winner (Top coder)

**An overview of the competition is summarized in the poster below**

ver 1.0

# CODE WARS

2K16



960  
Submissions

225  
Registrations



170  
Sign Ups

13  
Questions



5  
Departments



CSI KJSCE

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
9.	1st	2016	October	10:30am - 5:00pm	Lab Nos: B116, B115	CryptoPokemon

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						12 teams
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: CryptoPokemon 2K16**

**AIM:**

The event, CryptoPokemon was the first Inter-college to be conducted for the term 2016-2017 in the annual tech fest, Abhiyantriki.

The main aim was to get all participants coming from various institutions to have an experience of fun as well as technological treasure hunt event combining the clues based on the very popular game-Pokemon.

**DESCRIPTION:**

CryptoPokemon 2K16 in association with HackerEarth was conducted on the 2<sup>nd</sup> day of Abhiyantriki 2K16.

It was a competition comprising of two rounds:

Round 1: Pokehunt decipher, decoding a few easy yet twisted clues to catch your pokemon.

Round 2: This round was help on IDE. Participants had to solve as many extremely basic programs as they can under 30 minutes.

**Details of winners and their respective prizes**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Department</b>	<b>Details of prize won</b>	<b>Remarks</b>
1.	Ashok Patel	--	Rs. 2000	--
2.	Sheetal Thakkar	--	Rs. 2000	--
3.	Saloni Parekh	--	Rs. 2000	--

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
10.	20th	2016	October	5:15pm - 7:30pm	Lab Nos: B315, B310, B317, B316, B314, B309	Cryptography Workshop

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						106
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Cryptography Workshop (FEs)**

**AIM:**

The workshop on Cryptography was the fourth workshop to be conducted for the term 2016-2017. The main aim was to get all participants familiarized with Cryptography and give them hands on experiences as well.

**FLOW:**

All the participants were given a short seminar on what Cryptography, its types and its applications. The workshop began with the introduction of the speakers. All registered CSI members were given entry. The total number of participants was summed up to 106.

**TOPICS COVERED:**

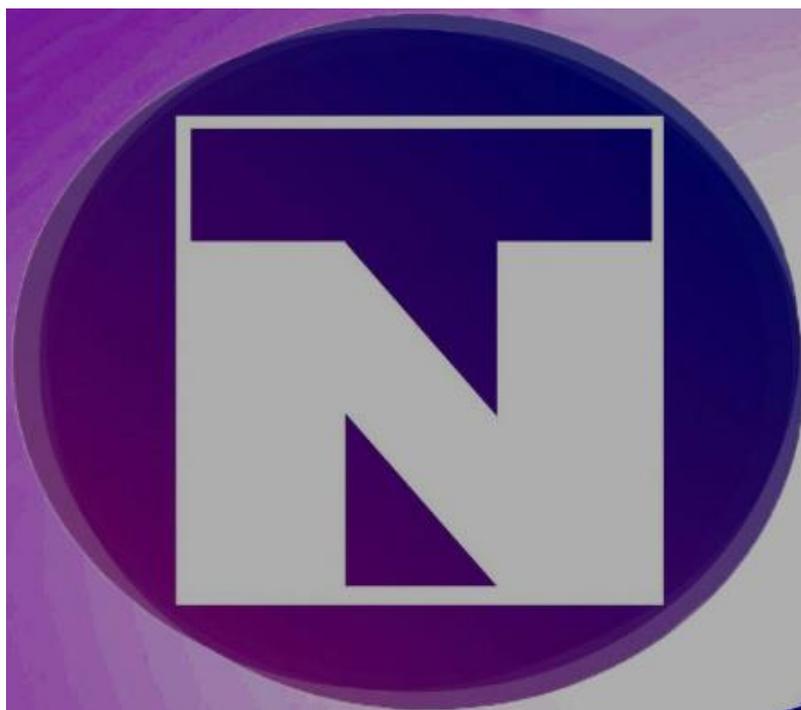
- What is Cryptography?
- Its types and applications
- Terms: Keys, Encryption, Decryption
- Caesar Cipher
- PlayFair Cipher
- Vigenere Cipher
- RSA
- Hash Functions
- Digital Certificate

**Sample Photographs of the Event/Activity**



<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
11.	21st	2017	January	9:45am - 5:30pm	Seminar Hall - B113/B114	CSI-TechNext 2k17 (Inter-Collegiate Event)

**Report of event/ activity**



**Event: CSI- TechNext 2K17(Inter Collegiate Event)**

The theme of the event was “MULTIMEDIA”. This theme was chosen so as to eliminate any form of bias towards a field. Teams from different disciplines, specializations and colleges could participate in the event. The rounds were designed to help the teams learn and achieve remarkable results using next-level Technology that is free, easily available and requires no coding or scripting!

*The event was divided into two main rounds:*

**ROUND 1: 360° Photosphere**

The participants were asked to create a 360° photosphere. The process of creation involved taking photos and stitch them together using free software Microsoft Image Composite Editor (ICE)The photosphere would then be uploaded on Facebook on the CSI-KJSCE page and depending on the number of likes, shares and views the photosphere generates, points were decided.

The round started from 11<sup>th</sup> January and continued until the midnight of 20<sup>th</sup> January.

**ROUND 2: Augmented Reality App**

The team was asked to create an Augmented Reality App using Unity3D game engine. The process involved no coding and hence after provisions of hands on experience of using Unity3D game engine the participants was to compete for 2 hours and 30 minutes to make the app.

*They were made to choose from the following topics:*

- My Dream College
- Mumbai - How I See It
- A Closer Look at India

Points were judged based on the creative thinking of utilizing 3D models to build something visionary.

**Events under TechNext 2k17:**

<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	19th	2017	January	5:15 pm onwards	Seminar Hall - B113	Big Data and Hadoop Seminar

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						82
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**



**Event: Big Data and Hadoop Seminar**

**DESCRIPTION:**

The speaker began with a short introduction to what Big Data is.

The Flow of the seminar was as such:

- The basic requirements needed to pursue this career
- What is Big Data
- A video on storage estimates of various aspects in the world
- What is Hadoop
- How Hadoop first came to be
- The sites from which Hadoop can be downloaded
- Various features of Hadoop
- Conglomerates using Hadoop

**FINALE:**

The speaker was felicitated by General Secretary Vivek Rai and was given the mug of CSI-KJSCE.

Sr. No. of Event / Activity	Day/ Date	Year	Month	Time	Venue	Description of Activity
-	20th	2017	January	05:30pm - 07:00pm	Seminar Hall - B113/B114	Virtual Reality Open House by VAMRR and ENSO

**Report of event/ activity**



**Event: Virtual Reality Open House by VAMRR and ENSO**

**AIM:**

The event, Virtual Reality Open House was conducted by VAMRR (Virtual Augmented Mixed Reality Ecosystem) and ENSO, one of the sponsors of CSI-KJSCE TechNext 2K17 for the term 2016-2017. It was free for all members.

The main aim was to make all participants experience reality like never before. As one of the hottest trends of the year, Virtual Reality was an experience worth experiencing.

**DESCRIPTION:**

The speaker began with a short introduction to what Virtual Reality and VAMRR really is. Active interaction was maintained between the speaker and the participants. 4 guys from ENSO studio conducted live demos on HTC VIVE. Most of the participants got to try on the VR headsets and draw and play games virtually. Various applications of Virtual Reality were discussed.

**FINALE:**

The speaker was felicitated by General Secretary Vivek Rai and was given the mug of CSI-KJSCE.

<b>Sr. No. of Event / Activity</b>	<b>Day/ Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	21st	2017	January	9:30am onwards	Seminar Hall - B113	Augmented Reality Seminar (Unity3D)

**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MEC H	Total no of participants
<b>FY</b>						59 (27 teams)
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**EVERYONE IS A DESIGNER.**

MAKE AN AUGEMENTED REALITY APP ON UNITY 3D

**SPEAKER**  
**Jason Rogers**  
Co-Founder, Studio27

in association with **vamrr**<sup>TM</sup>  
Virtual Augmented Mixed Reality Ecosystem

CSI KJSCE

**TECHNEXT '17**

**DATE:** 21st January  
**TIME:** 9.45 am  
**VENUE:** KJSCE, B114  
**FEES:** INR 100

**Event: Augmented Reality Seminar (Unity3D)**

**AIM:**

The event, Augmented Reality Seminar was conducted by Studio27 in association with VAMRR for the term 2016-2017. It was an intercollegiate seminar.

The main aim was to make all participants experience hands on approach towards using Unity3D. The seminar was conducted so that the teams would be able to build a simple AR app in the competition which would be conducted later in the day.

**DESCRIPTION:**

The speaker began with a short introduction to what Unity3D really is used for. Active interaction was maintained between the speakers and the participants.

The Flow of the seminar was as such:

- Introduction to Unity3D game engine
- Drag and Drop of various objects
- Downloading various 3D models
- Alignment of light models
- Basic functions of Unity3D
- Adding Vuforia package to Unity3D
- Integrating Augmented Reality into the design
- Running the game on an Android device
- Showcasing the implemented design

The last 15 minutes of the seminar was allotted to answer all the questions posed by the participants.

**FINALE:**

The speaker was felicitated by General Secretary Vivek Rai and was given the mug of CSI-KJSCE.

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	21st	2017	January	05:00pm - 05:30pm	Seminar Hall – B113/B114	Address by Microsoft and PPT VR Launch

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MEC H</b>	<b>Total no of participants</b>
<b>FY</b>						59 (27 teams)
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Address by Microsoft and PPT VR Launch**

**Speaker:**

**Mr. Sachin Aglave, Team Lead, PPT VR, B Tech CSE, IIT Guwahati**

**Description:**

A revolutionary application was launched which is free for students. It was being launched for the first time in India.

Mr. Sachin Aglave, leader of the team who developed the app presented a small presentation first regarding the app and showcased the app to the students. PPT VR is supposed to revolutionize virtual reality space. Using this simple WYSIWYG drag and drop editor, anybody with a PC/Smartphone can create and instantly share presentations in VR across all platforms.

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	21st	2017	January	02:30pm - 05:00pm	Lab Nos: B315, B316, B309, B310	Augmented Reality App Competition

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MEC H</b>	<b>Total no of participants</b>
<b>FY</b>						59 (27 teams)
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Augmented Reality App Competition**

**DESCRIPTION:**

The team was asked to create an Augmented Reality App using Unity3D game engine. The process involved no coding and hence after provisions of hands on experience of using Unity3D game engine the participants was to compete for 2 hours and 30 minutes to make the app.

They were made to choose from the following topics:

- My Dream College
- Mumbai - How I See It
- A Closer Look at India

Points were judged based on the creative thinking of utilizing 3D models to build something visionary.

**FINALE:**

Host: Technical Head, Devika Shanbhag

After the PPTVR launch and address by Microsoft Expert, all participants were given participation certificates. The results of TechNext '17 were declared and the winners were awarded. After that the judges were felicitated and the council picture along with the faculty was taken. The unique theme of TechNext '17 conducted for the 1<sup>st</sup> time on VR/AR was highly appreciated.

**Details of winners and their respective prizes**

Sr. No.	Team	Award	Details of prize won	College
1.	Ashok Patel Shreyansh Kotak	1 <sup>st</sup> Prize	RS. 10000	KJSCE
2.	Satyajeet Kamble Amey Meher	1 <sup>st</sup> Runners Up	RS.5000	KJSCE
3.	Anish Jain Rudra Jikadra	2 <sup>nd</sup> Runners Up	RS. 3000	KJSCE
4.	Anish Jain Rudra Jikadra	Best AR App	RS. 2000	KJSCE
5.	Siddhesh Rane Mandar Satam	Best Photosphere	RS. 2000	Bharathi Vidyapeeth, Kharghar

**Sample Photographs of the Event/Activity**



**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)

<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
12.	18th	2017	March	10:00am – 05:30pm	B building labs and seminar halls	<u>TATVA CONVERGENCE 2K17</u>

**Report of event/ activity**

**Event: Tatva Convergence 2k17**

CSI-KJSCE Council conducted 9 events at Tatva Convergence 2K17:

- Felicitation Ceremony
- Project Pro
- Poster Presentation
- Code Swap
- Digital Forensics Seminar
- Tech Hunt
- Technical Paper Presentation
- Faculty Photo
- Faculty Fun

**Events conducted under Tatva Convergence 2k17**

<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:30am - 12:30pm	Seminar hall - B507	Felicitation Ceremony

### **Report of event/ activity**

#### **Event: Felicitation Ceremony**

#### **Event Description:**

This event was organized to felicitate all the meritorious students and toppers of second, third, fourth year in Bachelor and first year in Masters in Computer engineering or Information Technology. Event was attended by SBC, Faculty In charges of CSI-KJSCE, HODs of both departments, faculty members of both departments and the Principal of KJSCE, Dr. Shubha Pandit. Short introduction and listing of achievements and events was delivered by CSI General Secretary, Vivek Rai, and Technical Head, Devika Shanbhag. Later, Certificates were handed over to the students by the called upon faculty/HOD/Principal.

### **Sample Photographs of the Event/Activity**



**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)



<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:00am - 1:30pm	Lab Nos: B215, B216, B217	Project Pro

**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MEC H	Total no of participants
FY						30 (11 teams)
SY						
TY						
LY						

**Report of event/ activity**

**Event: Project Pro**

**Event Description:**

Participating teams were supposed to display and demonstrate their BE project or any project, for that matter. Judge, Mr. Havan Agrawal judged their projects on various aspects followed by questions based on their algorithms and other implementation methods involved. Judges rated their participants separately and their individual scores were tallied by Devika Shanbhag and team to calculate the winners. Certificates were made and handed over to the winners. Devika felicitates the Judge with thank you speech and a CSI Mug + Letter of Appreciation. Judge leaves by 1.30 pm.

**Details of winners and their respective prizes**

Sr. No.	Name of the student	Department	Details of prize won	Remarks
1.	Saloni Buddhadeo, Amola Hinge, Vidhi Jain, Krishna Lodha	BE COMPS	-	For 'Visualization of FBD'
2.	Apurva Krishnan, Rushika Mongrola, Hardik Furia	BE COMPS	-	For 'Auto Prop App'
3.	Kunal Chheda, Siddhant B.	BE COMPS	-	For VR

**Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
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<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:00am - 01:30pm	B205	Poster Competition

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MEC H</b>	<b>Total no of participants</b>
<b>FY</b>						5 (4 teams)
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Poster Competition**

**Event Description:**

This event was mainly emphasized more for the Masters students. Each student was asked to prepare a poster on any particular topic and present it to the students. 2 Judges, Mrs. Pradnya and Mrs. Sujata judged their posters on various aspects followed by questions. Judges rated their participants separately and their individual scores were tallied by Sambit and Smruti to calculate the winners.

**Details of winners and their respective prizes**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Department</b>	<b>Details of prize won</b>	<b>Remarks</b>
1.	Ela Gore	MTech COMPS	Rs. 2000	Joint Winners
	Mahesh Kolke	MTech IT		

**Sample Photographs of the Event/Activity**

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<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:00am - 1:30pm	B117	Code Swap

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MECH</b>	<b>Total no of participants</b>
<b>FY</b>						10 (5 teams)
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Code Swap**

**Event Description:**

The event was presided over by Vikrant Chaudhary and consisted of teams with maximum of 2 people. The round involved simple coding questions to be solved by each of the team member and then swap their PCs after half time and complete each other's code. Points were evaluated by Vikrant and Team and certificates were handed over to the winners.

**Details of winners and their respective prizes**

<b>Sr. No.</b>	<b>Name of the student</b>	<b>Department</b>	<b>Details of prize won</b>	<b>Remarks</b>
1.	Sankalp Desai and Hitesh Jaiswal	TE COMPS	-	-

**Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)



<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:00am - 1:00pm	B310	Digital Forensics Seminar

**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MEC H	Total no of participants
FY						11
SY						
TY						
LY						

**Report of event/ activity**

**Event: Digital Forensics Seminar**

**Event Description:**

The event was volunteered over by Harsh Panchamiya. Event was conducted successfully and attendance was taken.

Sr. No. of Event / Activity	Day /Date	Year	Month	Time	Venue	Description of Activity
-	18th	2017	March	11:00am - 1:30pm	B317	Tech Hunt

**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MEC H	Total no of participants
FY						10 (5 teams)
SY						
TY						
LY						

**Report of event/ activity**

**Event: Tech Hunt**

**Event Description:**

The event was presided over by Yash Pasar. The round involved simple deducing questions to be solved by each of the team member and find correct location of folders up to the ultimate folder. It was one of the Fun events. Points were evaluated by Yash and Team and certificates were handed over to the winners.

**Details of winners and their respective prizes**

Sr. No.	Name of the student	Department	Details of prize won	Remarks
1.	Rishabh B. Gada	TE IT	-	-

**Sample Photographs of the Event/Activity**

**K. J. Somaiya College of Engineering, Mumbai-77**  
(Autonomous College Affiliated to University of Mumbai)



<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
-	18th	2017	March	11:00am - 1:30pm	Seminar Hall - B507	Technical Paper Presentation

**Details of participation in the event/ activity**

No. of students	COMP	ETRX	EXTC	IT	MEC H	Total no of participants
FY						5 teams (10 students)
SY						
TY						
LY						

**Report of event/ activity**

**Event: Technical Paper Presentation**

**Event Description:**

Participating teams were asked to prepare a presentation of their technical paper and present it to the judges. 2 judges, Aditya Joshi and Narayan Acharya, judged their papers on different criteria. The time limit per team for presenting their paper was 10 minutes. It was then followed up by questions by the judges. Judges rated their participants separately and their individual scores were tallied to calculate the winners.

**Details of winners and their respective prizes**

Sr. No.	Name of the student	Department	Details of prize won	Remarks
1.	Saloni Parekh, Sheetal Thakkar, Farheen Kamal, Tanay Varshney	TE COMPS	Rs. 2000	For 'Low Power Smart System Anomaly'

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<b>Sr. No. of Event / Activity</b>	<b>Day /Date</b>	<b>Year</b>	<b>Month</b>	<b>Time</b>	<b>Venue</b>	<b>Description of Activity</b>
13.	31st	2017	March	9:30am - 5:30pm	Seminar Halls - B507 and B113	Oracle Certification Open House

**Details of participation in the event/ activity**

<b>No. of students</b>	<b>COMP</b>	<b>ETRX</b>	<b>EXTC</b>	<b>IT</b>	<b>MEC H</b>	<b>Total no of participants</b>
<b>FY</b>						252
<b>SY</b>						
<b>TY</b>						
<b>LY</b>						

**Report of event/ activity**

**Event: Oracle Certification Open House**

**AIM:**

The Open House was conducted to provide details of the various .NET and Java Technology Certification course trainings that would be conducted in the summer of 2017 for the students and faculty of KJSCE.

The courses are:

For JAVA you will get the following certifications:

1. Oracle Certificate
2. Microsoft Imagine Academy Certificate
3. Project Completion Letter

For .NET you will get the following certifications:

1. Microsoft Certificate
2. Microsoft Imagine Academy Certificate
3. Project Completion Letter

