K. J. Somaiya College of Engineering

Vidyavihar, Mumbai-400077

Department of Information

Technology

NEWSLETTER

Vol. 14 No. 1(July 2018 – December 2018)

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.

In this semester many faculty members have attended STTP/Workshops in Education Technology domain. There has been an upward growth in faculty contribution in terms of technical paper publications by the faculty members in International/National journals/Conferences.

There have been many workshops conducted for students

The placements of final year students of the department have seen an upward graph in terms of overall placements and also the placement of post graduate students has been 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 and also during my tenure as head.

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

Attended -

1. One week STTP was attended by the departmental faculty

Title: "Block Chain Technology and Crypto Currency"

Date: 2nd -7th July 2018

Venue: KJSCE

Organized By: KJSCE

Attended By:

Dr. Sonali Patil

Prof. Sangeeta Nagpure

Prof. Pooja Malhotra

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

Title: "Pedagogy for Online and Blended Teaching-Learning Process"

Date: 14th September - 12th October 2018

Venue: KJSCE, Remote Centre

Organized by: IIT Bombay

Attended By:

Prof. Era Johri

3. Two days Workshop was attended by the departmental faculty

Title: "Burp Suite – Web Application Security Tool"

Date: 4th September - 5th September 2018

Venue: KJSCE

Organized by: KJSCE, IT Department

Attended By:

Dr. Sonali Patil

Prof. Sangeeta Nagpure

Prof. Irfan Siddavatam

Prof. Kirankumari Sinha

Prof. Nilkamal More

Prof. Pooja Malhotra

Prof. Suchitra Patil

Prof. Purnima Ahirao

Prof. Ujwala Bhangale

Prof. Yogita Borse

Prof. Manjitsing Valvi

Prof. Era Johri

Prof. Khushi Khanchandani

Prof. Sanjay Vidhani

Prof. Avani Sakhapara

Prof. Dipti Pawade

Prof. Sagar Korde

Prof. Garima Rawat

Prof. Leena Sahu

Prof. Vaibhav Chunekar

4. One day Workshop was attended by the departmental faculty

Title: "Tensor flow & React Native"

Date: 13th October 2018

Venue: KJSCE

Organized by: KJSCE, Computer Engineering Department

Attended By:

Prof. Kirankumari Sinha

5. One day talk by Prof. Michel Waldschimdt from Paris, France was attended by the departmental faculty

Title: "A Lucid Introduction to Error Correcting Codes"

Date: 14th December 2018

Venue: KJSCE

Organized by: KJSCE

Attended By:

Prof. Purnima Ahirao

Prof. Yogita Borse

Prof. Khushi Khanchandani

Prof. Avani Sakhapara

6. Three days Workshop was attended by the departmental faculty

Title: "IUCEE International Engineering Educator Certification Program (IIEECP)-Phase I"

Date: 18th - 20th December 2018

Venue: KJSCE

Organized by: IUCEE at KJSCE

Attended By:

Prof. Kirankumari Sinha

Prof. Pooja Malhotra

Prof. Manjitsing Valvi

Prof. Avani Sakhapara

Prof. Chirag Desai

7. One week STTP was attended by the departmental faculty

Title: "GIS, Geospatial technologies and ICT"

Date: 27th December 2018- 2nd January 2019

Venue: VJTI, Mumbai

Organized by: VJTI, Mumbai

Attended By:

Prof. Nilkamal More

SESSION CONDUCTED:

1. Prof. Dipti Pawade and Prof. Avani Sakhapara delivered Workshop on **How to Prepare for Coding Test in Placements** for Third year and Final year students on 8 August 2018, Electronics Department, KJSCE, Mumbai

PAPER PUBLICATIONS:

Sr.No	Faculty Name	Paper Title	Journal Name/Conference Name	Month, Year
1.	Prof. Nilkamal More	Experimental survey of Geospatial big data platforms	WDSHPC, High Performance Computing-2018 (HiPC)	Dec-18
2.	Prof. Dipti Pawade	Novel Teaching Strategies for Lab-Centric Courses: Case Study of Programming Course	IEEE Ninth International Conference on Technology for Education (T4E)	Dec-18
3.	Prof. Avani Sakhapara	Novel Teaching Strategies for Lab-Centric Courses: Case Study of Programming Course	IEEE Ninth International Conference on Technology for Education (T4E)	Dec-18
4.	Prof. Dipti Pawade	Literature Survey on Automatic Code Generation Techniques	i-manager's Journal on Computer Science (JCOM) PP:-16-23,Volume 06,Issue 2	Oct-18
5.	Prof. Avani Sakhapara	Literature Survey on Automatic Code Generation Techniques	i-manager's Journal on Computer Science (JCOM), PP:-16-23,Volume 06,Issue 2	Oct-18
6.	Prof. Irfan Siddavatam	Extending Role of AI From Music Genre Classification to Music Genre Conversion	International Conference on New Trends in Engineering & Technology (ICNTET)	Sep-18
7.	Prof. Ashwini Dalvi	Extending Role of AI From Music Genre Classification to Music Genre Conversion	International Conference on New Trends in Engineering & Technology (ICNTET)	Sep-18
8.	Prof. Suchitra Patil	Wearable Device Forensic: Probable Case studies and Proposed Methodology	Springer in Communications in Computer and Information Science Series(CCIS)	Sep-18
9.	Prof. Ashwini Dalvi	A Novel Approach to Prevent Session Hijacking Attack	International Journal of Computer Applications (IJCA),Volume 181-No. 14	Sep-18
10.	Prof. Purnima Ahirao	Advanced Image Steganography	International journal of innovative research in Information Security, Volume 05,Issue 7	Sep-18
11.	Prof. Sujata Pathak	Secured Vehicle Toll Payment System using NFC	4th International Conference on Computing Communication Control and Automation (ICCUBEA)	Aug-18

Departmental and Faculty Activities…………………………………………...

Sr.No	Faculty Name	Paper Title	Journal Name/Conference Name	Month, Year
12.	Prof. Dipti Pawade	Machine Learning Based Approach for Person Identification in Group Photos	4th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	Aug-18
13.	Prof. Dipti Pawade	Machine Learning Based Approach for Person Identification in Group Photos	4th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	Aug-18
14.	Prof. Deepti Patole	LeapLearn - A gesture based game	4th International Conference on Computing,Communication, Control And Automation (ICCUBEA)	Aug-18
15.	Prof. Ashwini Dalvi	Threat modelling of Smart Light Bulb	4th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	Aug-18
16.	Prof. Irfan Siddavatam	S3ntinel: An Extensible Static Analysis Framework for Android Applications	4th International Conference on Computing, Communication, Control And Automation (ICCUBEA)	Aug-18
17.	Prof. Ashwini Dalvi	Simulation of Sinkhole Attack on RPL Routing protocol	International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering	Jul-18

Student Activities...

CSI Members 2018-19:

- IT Department –

  General Secretary
  Bro Hitansh Shah(TY)

  Secretary
  Bro. Aliasgar(TY)

  Technical Team
  Bro. Hitanshu Shah (SY)

  Tech Team
  Bro Aditya Panchal (SY)

  PR Team
  Sis. Ankita Patil (SY)
  Sis. Shivali Joshi(SY)

  Creative Head
  Bro Jash Gopani(TY)

  Creative Team
  Sis. Nikita Sanghal(SY)

  FY Representative
  Bro. Virag jain(FY)
  Yashvi Vora(FY)

CSI Events:

- **Workshops Organized -**

1. One day seminar "TECHROUTE" was conducted for FY on 13th Aug 2018. It provided overview of the various domains of study that they can explore through out their four years of Engineering.

Total Participants: 166
Delivered by:
Technical Head Hitanshu Shah
General Secretary Hintansh Shah
Financial Secretary Shreya Verma
Coordinator Ruchi Bhatia
Guest Speakers: Ex-Technical Head Sarfaraz Iraque and Ex-PRO Aromal Nair

2. One day Workshop on 'Introduction to Python for Machine Learning' was conducted on 20th August 2018. It aimed introducing students to the conceptual basics of Python required for Machine Learning and the various libraries like NumPy, Pandas and Matplotlib which are used in Data Analysis.

Total Participants: 25
Delivered By
Event Team Ruchi Bhatia and Kaustubh Damania
Tech Head Hitanshu Shah and Jt. Gen Secretary Bhavini Mamtora

3. One day Workshop on 'Advanced Machine Learning' was conducted on 21st August 2018. It was conducted in continuation to the workshop on python for FY and TY

Total Participants : 23

Delivered by:

Gen. Secretary Hitansh Shah and Jt. Tech. Head Tanish Sehgal

Tech. Head Hitanshu Shah and Secretary Aliasgar Haji

4. Conducted Seminar on 'Machine Learning' for FY students on 10th September 2018. It was conducted to introduce FY students to notion of Machine Learning and its implementation in the field of Artificial Intelligence.

Total Participants : 140

Delivered by:

Gen. Secretary Hitansh Shah, Tech. Head Hitanshu Shah and Jt. Tech. Head

Tanish Sehgal.

5. One day Workshop on 'Machine Learning' was conducted on 11th September 2018 to provide hands on experience of machine learning models.

Total Participants : 140

Delivered by:

PRO Ruchi Bhatia and Aditya Panchal (Technical Team)

Tech.Head Hitanshu Shah and Coordinator Shamilee Peruvaludhi

Jt. Tech. Head Tanish Sehgal and Preeti Podar (Event Team)

Jt. Tech. Head Kunj Haria and Varada Harikumar (Creative Team)

Secretary Aliasgar Haji and Nikhil Bhardwaj (Technical Team)

Financial Secretary Shreya Varma and Zenil Haria (Technical Team)

6. one day Workshop on 'Cryptography' was conducted on 28th September 2018 for FY and SY students. The main aim of the workshop was to provide the attendees with an overview of the concept of cybersecurity and how cryptography proves to be a useful technique in reinforcing security during information transfer.

Total Participants : 80

Delivered by:

Jt. Tech. Head Kunj Haria and Jt. Financial Secretary Darshan Chheda

Jt. Tech. Head Tanish Sehgal and Preeti Podar (Event Team)

Tech. Head Hitanshu Shah and Shivali Joshi (PR Team)

B215 Creative Head Jash Gopani and Aditya Panchal (Technical Team)

Student Activities. ....

7. one day Workshop on 'Game Development Using Python' was conducted on 2nd November 2018. It aimed at introducing the concepts of basic game development using Python and more specifically using PyGame.

Total Participants : 35.

Delivered by:

Nikhil Bhardwaj (Technical Team) and Varada Harikumar (Creative Team)

Zenil Haria (Technical Team) and Preeti Podar (Event Team)

- **Technical Event Organized –**

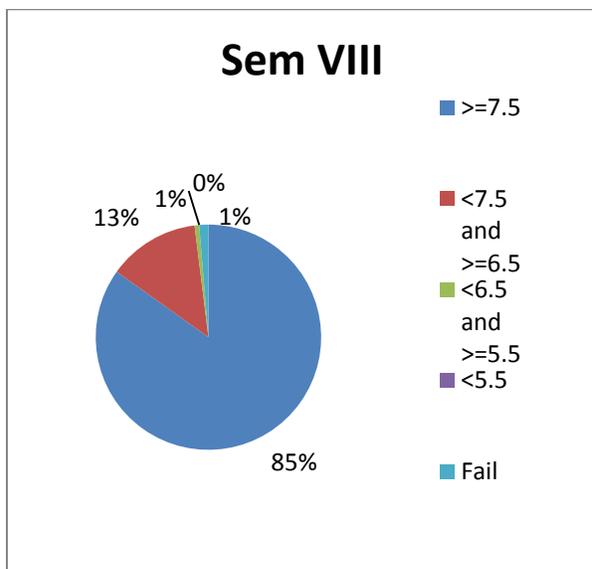Abhiyantriki-18 was organized on 6th October, 2018 by CSI-KJSCE Council.

Competitions conducted-

- Code In X
- CODE CRUX
- Keyword Rush

Result Statistics.………….……………………………..............………..

UG Results

Semester VIII (May – June 2018)

Sem VIII

Legend:
- ■ >=7.5
- ■ <7.5 and >=6.5
- ■ <6.5 and >=5.5
- ■ <5.5
- ■ Fail

13% 1% 0% 1%

85%

Meritorious Students

Rankers		
Rank	**Name of Students**	**GPA**
1	PARAB SANYOGITA	9.83
2	CHAUDHARI BHAKTI	9.63
3	MEHTA SIMRAN	9.54
4	GADA RISHABH	9.5
4	OBHAN RADHIKA	9.5
5	MISHRA AAKASH	9.46
5	VASA RISHI	9.46

Semester VI (May - June 2018)

Sem VI

Legend:
- ■ >=7.5
- ■ <7.5 and >=6.5
- ■ <6.5 and >=5.5
- ■ <5.5
- ■ Fail

3% 3% 12%

51%

31%
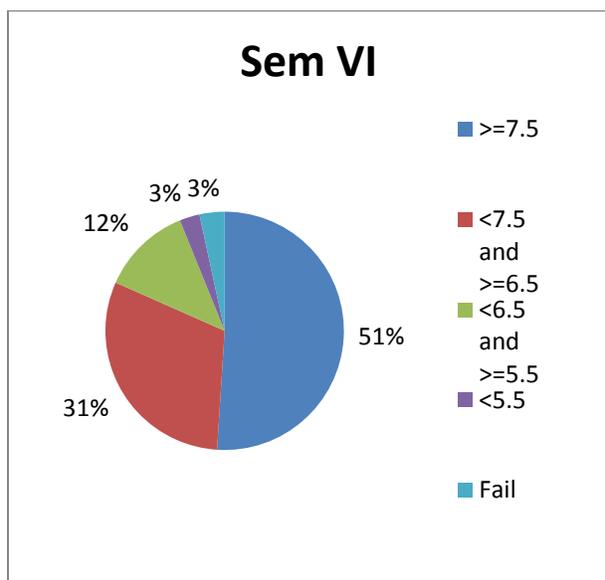
Meritorious Students

Rankers		
Rank	**Name of Students**	**GPA**
1	SONI ROSHNI	9.52
2	SHAIKH SAMREEN	9
2	FAROOQUI ZAID	9
3	RISHI AKUL	8.96
3	KHANDOR NISHITH	8.96
4	ANGRE TANMAY	8.91
5	SHAH AMI	8.87
5	SHAH ROHAN	8.87

Result Statistics……………………………….............………..

Semester IV (May - June 2018)

Meritorious students

Sem IV

Legend:
- >=7.5 (62%)
- <7.5 and >=6.5 (24%)
- <6.5 and >=5.5 (5%)
- <5.5 (0%)
- Fail (9%)
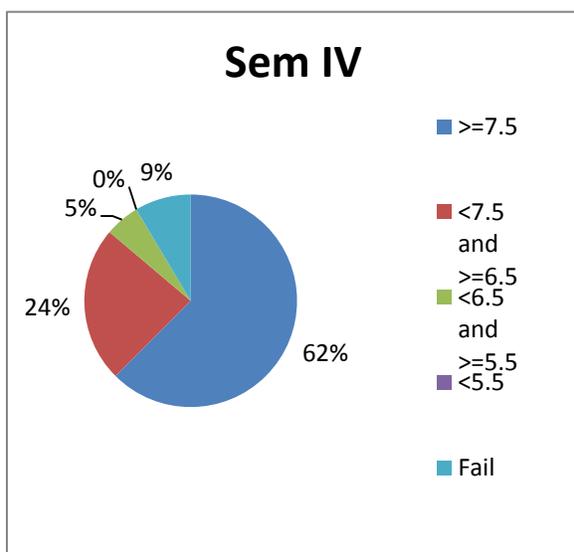
Rankers		
Rank	**Name of Students**	**GPA**
1	GEORGE HIMA	9.63
2	PINTO DENVER	9.54
3	KOTIAN PRAJWAL	9.5
4	NAIK YASH	9.42
5	SAVLIA PALAK	9.25
5	AGRAWAL HARSHITA	9.25

Semester II (May - June 2018)

Meritorious Students

Sem II

Legend:
- >=7.5 (57%)
- <7.5 and >=6.5 (27%)
- <6.5 and >=5.5 (7%)
- <5.5 (1%)
- Fail (8%)
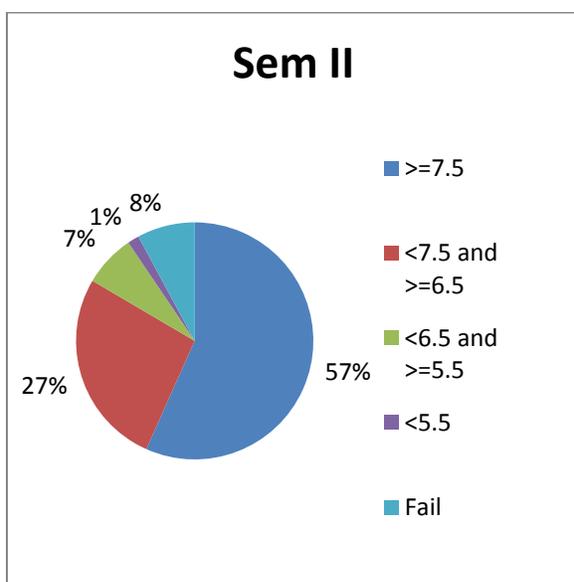
Rankers		
Rank	**Name of Students**	**GPA**
1	MANE PRIYA	9.69
2	CHANDAK PREM	9.58
3	MODY PREM	9.5
4	BATAVIA PARAM	9.46
4	AGRAWAL HRUSHIKESH	9.46
5	GAJERA ISHA	9.42

Result Statistics..

PG Results

Semester II (May – June 2018)   **Meritorious Students**

MTech Sem-II

- ■ >=7.5
- ■ <7.5 and >=6.5
- ■ <6.5 and >=5.5
- ■ <5.5
- ■ Fail

0%
25%
75%
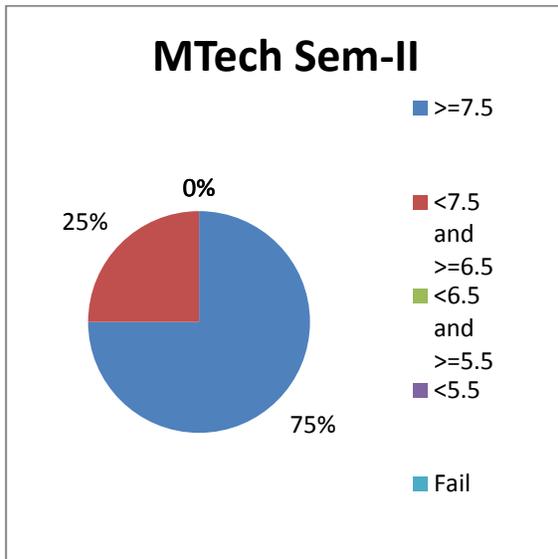
Rankers		
Sr. No.	Name of Students	GPA
1	THAKKAR SHIVANI	9.37
2	ADAJANIA DINAZ	8.74
3	GHAISAS OMKAR	8.47
3	SUVARNA DIVYA	8.47

PLACEMENTS

Sr No.	Company Name	Total No. of Offers	Uniquely Placed	Salary Offered (LPA)
	B.Tech Information Technology (UG)			
1	Accenture	44	22	4
2	Amadeus Lab	5	5	8.35
3	Barclays	8	8	8
4	Capgemini Phase I	3	1	3.8
5	Cimpress	1	1	9
6	EY	6	5	4.33
7	Godrej & Boyce	2	2	4.2
8	Interactive Brokers	1	1	7.6
9	L&T Infotech	14	9	4.18
10	Majesco	3	2	3.75
11	Microfocus	1	1	11.5
12	Microsoft	2	2	10.5
13	Oracles	7	7	6.4
14	Performics.Convonix	4	4	3.2
15	Publicis.Sapient	1	1	10
16	Puretech	1	1	3.5
17	RSM	1	1	5.3
18	Tata Communications	1	0	3.6
19	Think Analytics	1	1	6.5
20	Wissen Technology	4	4	8
21	ZS Associates	1	1	6.83
	Total Students	111	79	132.54

M. Tech Information Security (PG)				
Sr No.	Company Name	No. of Total Students Selected	Uniquely Placed	Salary Offered (LPA)
1	HDFC Bank	3	3	9.51
	Total Students	10		
	Eligible Students	**9**		

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	Study Leave
5.	Ms(Dr.). Sonali Patil	Associate Professor	B308
6.	Mr. Irfan Siddavatam	Associate Professor	B310
7.	Mr. Ravindra Divekar	Associate Professor	B208
8.	Ms. Nilkamal More	Asst. Professor	B314
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	B208
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	B212
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	B212
24.	Mr. Chirag Desai	Asst. Professor	B317
25.	Ms. Anupam Jain	Asst. Professor	B316
26.	Ms. Garima Rawat	Asst. Professor	B316
27.	Ms. Leena Sahu	Asst. Professor	B309
28.	Ms. Anshul Singh	Asst. Professor	B214
29.	Mr. Vaibhav Chunekar	Asst. Professor	B213