# CONNECTIONS

# DEPARTMENT OF INFORMATION TECHNOLOGY

## In This Newsletter

Faculties' and Students Achivements

Faculties' and Students Development Activites

Placement of Students

Students Entrepreneurs

Extension Activites

## Editorial Team

Dr. Radhika Kotecha, Head of Department

Dr. Vaishali Gaikwad, Assistant Professor

Ms. Snehal Mandavkar, Student - 4th Year

Mr. Meet Kotak, Student - 4th Year

## Vision of Department

To be recognized as a centre of excellence in the field of Information Technology where inquisitive minds of students are fostered, leading to skilled professionals and contributing citizens.

## Mission of the Department

- To produce industry-ready engineers by imparting quality education and enhancing their proficiency with strong engineering foundation and in-depth knowledge of Information Technology.

- To encourage curiosity, creativity, innovative thinking, culture of continuous learning, and multidisciplinary activities for developing state-of-the-art solutions to real-world problems.

- To serve humanity by creating socially responsible citizens with high ethical values who can communicate effectively and work independently or in groups.

## Program Educational Objectives (PEOs)

- Program Graduates will be able to apply knowledge of engineering fundamentals and cutting-edge Information Technology to identify and implement innovative solutions for engineering problems and issues in society.

- Graduates will be able to exhibit their employability skills and practice the ethics of their profession with a sense of social responsibility.

- Graduates will have strong interpersonal skills and will engage in life-long learning to enhance their career positions, both as team members and leaders.Objectives (PEOs).

## Program Specific Outcomes (PSOs)

- Graduates will be able to apply standard software engineering practices in real-world project development to deliver efficient, secure and novel solutions.

- Graduates will be able to apply the contemporary trends in Information Technology like Internet of Things and Data Science in diverse application areas.

# Faculty Activities / Achievements

**Faculty Name :**

**Dr. Radhika Kotecha**

- Attended an online certification course cum AICTE approved Faculty Development Program on "Introduction to Machine Learning" conducted by NPTEL and qualified the examination with "Elite" performance.

- Worked as a Reviewer and Computer Science Track Coordinator of 2nd International Conference on "Advances in Science and Technology" (ICAST-2019) organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai on 8th and 9th of April 2019.

- Served as judge of project competition "INTECH 2019" on 16th March 2019.

# Faculty Activities / Achievements

## Faculty Name :
### Prof. Uday Rote

- Worked as a Reviewer and Computer Science Track Coordinator at 2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai on 8th & 9th April 2019

## Faculty Name :
### Prof. Nasim Shah

- Worked as a Reviewer of the 3rd Biennial International Conference on Nascent Technologies in Engineering organized by Fr. C. Rodrigues Institute of Technology, Navi Mumbai, India in its premises in association with IEEE on 4th-5th January 2019.

- Attended one-week FDP on "Machine Learning and its applications with Hand-on using Python" from 3rd - 9th January 2019 at Xavier Institute of Engineering, Mahim.

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# Faculty Activities / Achievements

**Faculty Name :**

**Prof. Vaishali Gaikwad**

- Served as a Judge for Technical Paper Presentation "SPECTRA" on 02nd Feb. 2019 at Sardar Patel College of Engineering, Andheri

- Attended ISTE & University of Mumbai approved 6 days STTP on "Digital Forensics: Tools, Techniques & Current Trends" at Thadomal Shahani Engineering College, Bandra, Mumbai from 2nd January to 7th January 2019.

- Received appreciation as Coordinator & Judge of "INTECH 2019" on 16th March 2019

- Served as "Chief Guest & Judge" for PATW 2019 University Level Round at Universal College of Engineering, Vasai on 9th March 2019.

- Selected as "Chairman" of Young Professions by The Institution of Engineering & Technology, Mumbai Local Network for the year 2019.

# Faculty Activities / Achievements

**Faculty Name :**

**Prof. Madhura Talele**

- Attended the 2-day e-Yantra Symposium (eYS-2019) at IIT Bombay on 5th & 6th April 2019.

**Faculties of IT Department**

- Attended 1-Day FDP on "Team Building Through Emotional Intelligence" on 4th January 19 at KJSIEIT, Mumbai.

- Attended Somaiya Public Lecture on 10th January 2019 at K. J. Somaiya College of Engineering, Somaiya Vidyavihar of Dr. R Chidambaram, DAE-Homi Bhabha Professor in Bhabha Atomic Research Centre (BARC)

# Students Achievements

## Inter Institute Events within the state

- Student from I.T. Department, Mr. Chandu Parmar won 1st prize in "UNSCRIPT 2K19" Hackathon held at Fr. Conceicao Rodrigues College of Engineering, Mumbai, Maharashtra during 30th and 31st March, 2019.

> 1st Prize in "UNSCRIPT 2K19 Hackathon" held during 30th and 31st

# Students Achievements

## Inter Institute Events within the state

- Student of IT department Mr. Prashant Mishra have won 4th Place in m-Indicator Android Hackathon, conducted on September, 2018 by VJTI's Technovanza'18.

- Student of IT department Mr. Preetesh Pede were Silver Winner in Football (Mens), Somaiya Games, conducted on February 07, 2019 by Somaiya Vidyavihar.

- Students of IT department Mr. Parth Maniar,Mr. Saj Maru,Mr. Pragalbha Patil were Finalist in TSEC Hackathon2019, conducted on February 06-07, 2019 by Thadomal Shahani Engineering College (TSEC), Mumbai.

- Student of IT department Mr. Prashant Mishra have Participated in Pillai Hackathon, conducted on April, 2019 by Pillai Group of Institutions, Navi Mumbai.

- Students of IT department Mr. Viraj Vora, Mr. Parth Maniar, Mr. Saj Maru, Mr. Yash Nagda, Mr. Niraj Jain, Mr. D Koushal Kumar have Participated in 24 hours National-level Hackathon "TECHATHON-2019", conducted on April 04-05, 2019 by Ramrao Adik Institute of Technology (RAIT), Mumbai.

- Students of IT department Mr. Pragalbha Patil, Mr. Aman Misri, Mr. Kuldeep Chaudhari, Mr. Aditya Khati, Mr. Parth Kanani have Participated in 24 hours National-level Hackathon "TECHATHON-2019", conducted on April 04-05, 2019 by Ramrao Adik Institute of Technology (RAIT), Mumbai.

- Students of IT department Mr. Parth Maniar, Mr. Saj Maru, Mr. Yash Nagda have Participated in Vidyalankar Hackathon 2019, conducted on January 19-20, 2019 by Vidyalankar Institute of Technology (VIT), Mumbai.

Vidyalankar Hackathon 2019

# Students Achievements

## Inter Institute Events within the state

- Students of IT department Mr. Meet Desai, Mr. Kunal Dawda, Ms. Bhoomi Dedhia have Participated in 13th Inter-Collegiate / Institute / Department Avishkar Research Convention 2018-19(Engineering and Technology Category - UG level), conducted on December 26, 2018 by University of Mumbai (held at Ramrao Adik Institute of Technology, Nerul, Mumbai).

- Students of IT department Mr. Parth Maniar,Mr. Yash Nagda, Mr. Dharmil Shah have Participated in TCET International Hackathon, conducted on December 22, 2018 by IET and Thakur College of Engineering and Technology (TCET).

# Students Achievements

## Inter Institute Events within the state

- Students of IT department Mr. Saj Maru,Mr. Aman Misri,Mr. Arya Makwana were Semi-Finalist in Deep Blue Competition, conducted on February 26, 2019 by Mastek, Navi Mumbai.

# Students Achievements

## Inter Institute Events Outside the state

- Students of IT Mr. Dhaval Patania,Ms. Nisha Iyer,Mr. Vivek Darji have won 2nd prize of Kerala Govt. Engineering Design National Award in ISTE Students' National Convention(Project Competition), conducted on January 29-30, 2019 Organised by ISTE(held at L.D. College of Engineering, Ahmedabad, Gujarat).

> 2nd Prize - Kerala Government
> Engineering Design National Award
> during 29th and 30th January, 2019

# Students Achievements

## Inter Institute Events Outside the state

- Students from I.T. Department ms. Falguni Thakkar, Mr. Vatan Shah & Mr. Pritesh Shende and Faculty of I.T. Department Prof. Harsh Bhor received 3rdprize of Kerala Government Engineering Design National Award in ISTE Students National Convention held at L.D. College ofEngineering, Ahmedabad (Gujarat) during 29th and 30th January, 2019 for the projectHeart Rate Monitoring using Mobile Camera.

3rd Prize - Kerala Government Engineering Design N ational Award during 29th and 30thJanuary, 2019

# Students Achievements
## Inter Institute Events Outside the state

- Student from I.T. Department, Mr. Rohit Bokade received 1stPrize in Electric Studio event in ISTE Students National Convention held at L.D. College of Engineering, Ahmedabad (Gujarat) during 29th and 30th January, 2019.



1st Prize in
Electric Studio event in ISTE Students National Convention

# Students Achievements
## Inter Institute Events Outside the state

- Student of IT Mr. Rohit Bokade have won 2nd Prize in ISTE Students' National Convention (Maker's Backyard Event), conducted on January 29-30, 2019 Organised by ISTE (held at L.D. College of Engineering, Ahmedabad, Gujarat).



2nd Prize in ISTE Students' National Convention (Maker's Backyard Event)

# Students Achievements

## Inter Institute Events Outside the state

- Students from I.T. Department,Ms. Aastha Shukla,Mr. Maharsh Patel, Mr. Raunak Porwal received 2nd prize in Project Competition in ISTE Students NationalConvention held at L.D. College of Engineering, Ahmedabad (Gujarat) during 29th and 30th January, 2019 for the Project "Chabot for Cancer" under the guidance of Dr. Radhika Kotecha

2nd prize in
Project Competition held during 29th
and 30th January, 2019

# Students Achievements

## Inter Institute Events Outside the state

- Student from I.T. Department Mr. Rohit Bokade was awarded by NASA and Amateur Radio on International Space Station on 15th February, 2019 for successfully demonstrating equipment and techniques to receive images from ISS.

Awarded by NASA and Amateur Radio on International Space Station

# Students Achievements

## Inter Institute Events Outside the state

- ·Student of IT Mr. Preetesh Pede have Awarded 9th KYU, 7th KYU, 6th KYU, 8th KYU, 5th KYU, YON KYU, SUN KYU in Proficiency Examination (National Level), conducted in 2018-19Organised by Academy of Self Defense.

# Students Achievements

- Student from I.T. Department, Mr. Bhatt Kirtan Dilip, Mr. Parmar Chandu Balubhai, Mr. Chaubey Ranjan Rammilan for the project Abstractive Text Summarisation using AI received 1st P rize in Intech event in IET held at KJSIEIT, Sion during 16th March, 2019under the guidance of Prof. Reena Lokare.



Winners of 1stPrize in INTECH on 16th March 2019

- Student from I.T. Department, Mr. Raunak Porwal,Ms.Aastha Shukla, Mr. Maharsh Patel (Customized Email Response Bot / System) received 2nd Prize in Intech event in IET held at KJSIEIT, Sion during 16th March, 2019 under the guidance of Prof. Radhika Kotecha.



Winners of 2nd Prize in INTECH on 16th March 2019

# Students Achievements

- Student from I.T. Department,Mr.  Chheda Pranul Shailesh, Mr. Mit Kamlesh Patel, Ms. Snehal Mandkumar Dhage (Mirrorroid) received 2nd Prize in Intech event in IET  held at KJSIEIT, Sion during 16th March, 2019 under the guidance of Prof. Vaishali Mohite.

Winners of 2nd Prize in INTECH
on 16th March 2019

# Students Achievements

- Mr. Akshit Modi awarded 2nd place in intra-collegiate 'Debate' tournament in Cultural Festival, Surge-2019.

- Mr. Sanchay Vyas was WINNER in SILVER MEN's at T-10 Cricket Tournament on 25th January 2019 at Somaiya Vidyavihar.

- Mr. Sanchay Vyas was 'Man of the Match' in Match-15 Boys at T-10 Cricket Tournament on 24th January 2019 at Somaiya Vidyavihar.

- Mr. Sanchay Vyas was 'Man of the Match' in Match-18 Boys at T-10 Cricket Tournament on 24th January 2019 at Somaiya Vidyavihar.

- Ms. Delna Madan worked as 'Editorial Head' in Alumni Committee under guidance of Prof. Uday Rote.

- Ms. Diksha Kumawat, Mr.Harsh Gori, Ms. Nidhi Gohel, Ms. Bhagyashree Parkar, Ms. Himani Verma, Ms. Vaibhavi Shirodkar, Ms. Nehal Pawar, Mr. Aishwarya Patel, Ms. Tithi Poojary awarded 2nd place in intra-collegiate 'step up' tournament in Cultural Festival, Surge-2019.

- Ms. Bhagyashree Parkar has worked as 'Chairperson' for Indian Society for Technical Education, StudentsChapter during the academic year 2018-19.

- Ms. Tithi Poojary worked as 'Digital Media Manager' for Indian Society for Technical Education, Students Chapter during the academic year 2018-19.

# Students Achievements

- Mr. Yash Pithadia has been awarded 1st place in intra collegiate BOX CRICKET tournament in the sports Festival, SCORE 2019.

- Mr. Hetansh Shah was a speaker in training program on 'Android Programming' conducted on 5th, 6th 9th March 2019.

- Mr. Preetesh Pede secured SILVER WINNER position in FOOTBALL MEN'S at SOMAIYA GAMES on 7th February 2019 at Somaiya Vidyavihar.

- Mr. Preetish Pede awarded the rank of 9th KYU, 7th KYU, 6th KYU, 8th KYU, 5th KYU, YON KYU, SUN KYU, as having shown himself to be a person of outstanding character and having met all the requirements of high proficiencies in prescribed techniques as the result of anexamination completed by him in accordance with the rules and regulation set forth by the Academy of Self Defense.

- Students of I.T. Department Parth Maniar, Yash Nagda and Dharmil Shah received appreciation for the project "Amalgamation of weather forecast" in International Hackathon organized by IET and Thakur College of Engineering and Technology (TCET) on 22nd December, 2018.

- Students of I.T. Department Parth Maniar, Saj Maru, Yash Nagda, Viraj Vora, Niraj Jain and D Koushal Kumar participated in 24 hours National Level Hackathon "TECHATHON-2019" for the project Tower Maintenance Report App/Web Solution on 4th and 5th April, 2019.

# Students Achievements

- Students of I.T. Department Parth Maniar and Saj Maru stood 1st in Idea Competition organized by Institution Innovation Council of KJSIEIT on 16th March 2019 for the project "Capacity Planning of Toilets for Hygiene" in Rural Development Category.

- Students of I.T. Department Viraj Vora, Shreya Shetty and Revaa Naik stood 1st in Idea Competition organized by Institution Innovation Council of KJSIEIT on 16th March 2019 for the project "Air Purifier" in Environment Category.

- Students of I.T. Department Aman Misri and Saj Maru stood 1st in Idea Competition organized by Institution Innovation Council of KJSIEIT on 16th March 2019 for the project "Effectual Server Coolers" in Energy Category.

- Students of I.T. Department Nikhil Srivastava stood 1st in Idea Competition organized by Institution Innovation Council of KJSIEIT on 16th March 2019 for the project "The Connect Club" in General Category.

# Students Achievements

- 6 students from Information Technology Department complete the NPTEL " Data Mining course" successfully.

- 1 student from Information Technology Department complete the NPTEL "Joy  of computing using python" course successfully.

- 1 student from Information Technology Department complete the NPTEL "Block chain architecture design and use cases" course successfully.

- 1 students from Information Technology Department complete the NPTEL "Internet of Things" course successfully.

- 3 students from Information Technology Department complete the NPTEL "Machine Learning" course successfully.

# Faculty Publications

**Faculty Name :**

**Dr. Radhika Kotecha**

- <u>Paper Title:</u>
1. Smart Store-Shopping using BLE Technology
2. Identify Potential Breaking News Based On Social Media Posts Using Machine Learning
3. Customized Automated Email Response Bot using Machine Learning and Robotic Process Automation
4. Early Detection of Cardiac Disease Using Machine Learning

- <u>Conference/ Journal details name:</u>
2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- <u>Month & year:</u>
8th & 9th April 2019

# Faculty Publications

Faculty Name :

Prof. Uday Rote

- <u>Paper Title:</u>
  1. Bank Reconciliation Bot.

- <u>Conference/ Journal details name:</u>
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- <u>Month & year:</u>
  8th & 9th April 2019

# Faculty Publications

**Faculty Name :**

**Prof. Mansing Rathod**

- Paper Title:
1. Review an Automatic Image Homogenization for Panasonic Images.
2. Brain Tumor Classification using GLCM features and Neural Network

- Conference/ Journal details name:
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- Month & year:
  8th & 9th April 2019

# Faculty Publications

**Faculty Name :**

**Prof. Vaishali Gaikwad**

- <u>Paper Title:</u>
  1. Mirroroid: Enhancing Lifestyle Using IoT

- <u>Conference/ Journal details name:</u>
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- <u>Month & year:</u>
  8th & 9th April 2019

# Faculty Publications

## Faculty Name :
## Prof.
## Nasim Shah

- <u>Paper Title:</u>
  1. OCULUS-Turning the Visual world into an Audible Experience
  2. Identification of Artificially Ripened Fruits using Machine Learning
  3. Prevention of Duplication of Encrypted Big Data in Cloud

- <u>Conference/ Journal details name:</u>
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- <u>Month & year:</u>
  8th & 9th April 2019

# Faculty Publications

**Faculty Name :**

**Prof.Reena Lokare**

- <u>Paper Title:</u>
 1. Abstractive Text Summarization using AI
 2. Future Location Estimation of a mobile user

- <u>Conference/ Journal details name:</u>
 2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- <u>Month & year:</u>
 8th & 9th April 2019

# Faculty Publications

**Faculty Name :**

**Prof. Vijaya Pinjarkar**

- Paper Title:
1. Desktop Application for Automated Surveillance using Clustering Technology
2. Crime Prediction and Analysis

- Conference/ Journal details name:
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- Month & year:
  8th & 9th April 2019

- Paper Title:
1. Automated Employee Payroll using Location Tracking and Image Capturing

- Conference/ Journal details name:
  International Journal of Engineering Research and Technology (IJERT)

- Month & year:
  4th April 2019

# Faculty Publications

**Faculty Name :**

**Prof. Sarita Rathod**

- Paper Title:
  1. Enhancing Students Performance by adaptive testing
  2. COMM-AN Opinion Mining of Customer Feedback

- Conference/ Journal details name:
  2nd International Conference on "Advanced in Science and Technology (ICAST 2019) at KJSIEIT, Mumbai published in SSRN- Elsevier online conference publication portal

- Month & year:
  8th & 9th April 2019

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- Paper Title:
  1. THE IMPROVISER - Dynamic Online Test For Student's Performance
  2. Intent Analysis of Customer Opinion for Developers

- Conference/ Journal details name:
  Journal of Emerging Technologies and Innovative Research, vol. 6 no. 3, ISSN: 2349-5162

- Month & year:
  March-2019

## Student Development Programs

- Dr. Radhika Kotecha organized "Internship in Programming" for SE and TE students of I.T. Department from March 02, 2019 to March 09, 2019. The objective of the internship was to fill the skill gap of students and to improve the employability prospects of students. The participants from SE are able to prepare an android application and a website in PHP for various real-world uses. Also, the students learned to connect their applications with IoT. The participants from TE are able to prepare an android application that uses machine learning to solve various real-world issues. The experts for the internship were: Ankur Singh, Kunal Dawda, Hetansh Shah, Chandu Parmar, Shashank Karn.



"Internship in Programming" for SE and TE students of I.T. Department

# Student Development Programs



Glimpses of In-House Internship in IT Department from 2nd March to 9th March

## Workshop on Data Science

- Workshop on Data Science was organized by KJSIEIT-CSI on 18th - 19th January 2019. Resource person was Mr. Chandu Parmar, student of IT, KJSIEIT. The objective of the workshop was to give hands on latest technologies related to machine learning. Students from FE, SE, TE got exposure to different algorithms that are used in machine learning.

# Student Development Programs

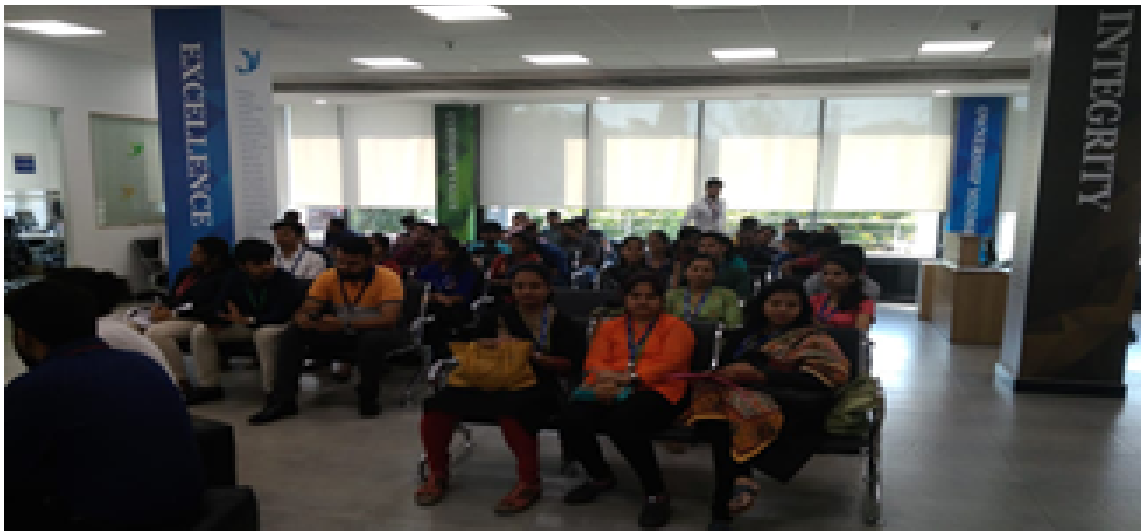Workshop on Data Science on 18th & 19th January 2019

# Student Development Programs

## Industrial Visit

- Industrial Visit was organized by KJSIET at Reliance Corporate Park, MIDC Industrial Area, Navi Mumbai on 23rd February 2019. Ms. Vijaya Pinjarkar was a faculty coordinator from IT Department.

Industrial Visit to Jio, Reliance Corporate Park, Ghansoli

# Student Development Programs

## Workshop on "Python Programming"

- Prof. Sarita Rathod organized a workshop on "Python Programming"for SE students of IT Department on 27th and 29th March, 2019. The objective was to learn GUI application designing and Web application designing using python programming language. The resource persons were Mr. Pranay Liya and Mr. Paras Chavda.



Workshop on Python Programming held on 27th and 29th March, 2019

# Internship Details

- In month March Department of Information Technology took intuitive & organized Training program for Third Year & Second Students.

- Final Year student Mr.Meet Desai,Mr.Chandu Parmar,Mr.Kunal Davda, Hetansh Shah, Chandu Parmar & Ankur Sing, Freelancer gave training on Web Development. Android Development, Python etc. to Second Year & Third Year Students.

# DEPARTMENT OF INFORMATION TECHNOLOGY

## Visit us:

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Department of
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