



# IT NEWS LETTER

**DEPARTMENT OF INFORMATION TECHNOLOGY**

January-June 2019

Department of Information Technology came into inception in the year 2002 with an approved intake of 60 students. The department spreads over basement, first, second, third & fourth floor of the college campus which accommodates 3 class rooms and an equipped laboratory. The entire laboratory area is modularized into 5 software laboratories consisting of 158 computers with Internet connectivity, two hardware laboratory and 10 printers. All the labs and faculty rooms are air-conditioned with the UPS back up.

The programme of Bachelor of Engineering in Information Technology is being conducted in accordance to the course curriculum prescribed by University of Mumbai. We have an academically strong team of 14 faculty members and 4 non teaching staff in tandem with an equally well equipped library (both Institutional and departmental). Department has been NBA accredited from 2012-2014.

The college management has always encouraged the student fraternity by announcing scholarships and cash awards for meritorious students. They are also encouraged to join professional bodies for creating an awareness of the latest developments in their field of interest. The department has IETE Student Forum which started in 2008. Technical and Co curricular activities are being conducted under IETE on regular basis.

The department of Information Technology has been in the fore front in organizing cultural and technical events both at intra and inters collegiate levels. Shaping industry compliant engineers has always been the primary objective of the department and hence Industrial visits and Seminars by industry eminent personalities is treated as a part of curriculum.

## **Vision and Mission of IT Department**

### **VISION**

To develop IT professionals for accomplishment of industrial & societal needs through quality education.

### **MISSION**

- To impart advanced knowledge and develop skills in Information Technology and allied fields.
- To enhance professional competence by inculcating values and ethics.
- To upgrade technical skills and also encourage research culture.
- To extend industry and alumni association for knowledge enhancement.
- To nurture entrepreneurial talent and contribute towards socio-economic growth.

Editors  
Prof. K. Lakshmi Sudha  
Prof. Stephy Benny

## Program Educational Outcomes (PEOs)

Graduates will be able to:

PEO1: Compete in professional career with social and ethical responsibilities.

PEO2: Pursue higher studies / research in Engineering and Management.

PEO3: Become Entrepreneurs or software professionals to satisfy the latest Industrial requirements.

## Program Specific Outcomes (PSOs)

1. PSO1: Students should be able to analyze, design and develop technological solution for a given scenario.

2. PSO2: 2. Students should be able to involve themselves in life-long learning and cultivate skills for successful career, entrepreneurship and higher studies.

## Department Activities

Department Advisory Board meeting was held on April 12, 2019. Industry experts, Academic expert, Parents, Alumni, Students and the staff of IT have attended the meeting. Vision and mission of the college and the department have been informed to the members. Department initiatives and activities have been discussed.

## Department Initiatives:

- Journal submission using Google class room.
- Student's participation in consultancy projects.
- Student's participation in live projects.
- Allocating Industry Experts for mentoring final year students' projects.
- Increase the Internships for students by 50%.

## Sports Achievements

- ✓ Mr. Mohammed Yasin Ansari -TE IT won silver medal in Taekwondo at Mumbai University inter collegiate taekwondo championship organized by University of Mumbai held at Guru Nanak Khalsa college , Matunga on 17th-19th February 2019 and also participated in Taekwondo at All India inter university taekwondo championship nationals held at Maharishi Dayanand University, Rohtak on 9th-12th March 2019.

## Academic/ Technical achievements of students:

- Rushikesh Shinde TE IT was winner of 'Smart India Hackathon 2019.



Smart India Hackthon 2019

- Rushikesh Shinde, Kush Shah, Akhil Nair, Ashit TE IT bagged 1st Prize in Inventum Project Competition at SIES Arts Science Commerce College, Nerul & also won 2nd prize in Avalon 2019, National Level (Technical paper Presentation/ Project Competition at Terna Engg. College, Nerul.

- Omprakash Mudaliar, Vishwdhan Krishan, Shreyas Jaiswal won 2nd Prize in Ideation SIESGST, Nerul.

- Nair Ashwin Radhakrishnan reached Grand Finale in Smart India Hackathon 2019.

- Shrutika iyer from TEIT secured A+ grade in 6month certification course of cyber law in DY Patil College of Law on January 10, 2019.



Avalon. Project Competition

## Cultural Achievements:

- Ms.Nikhita Nair from BE IT, Ms.Karthikeya Thanapal from TE IT, Ms.Dharani Arikrishnan won 1st prize in Pillai's Intercollegiate group dance (folk )competition on 5 February 2019 and 2nd prize in group dance competition in Amity

University on 23 February 2019.



Aagmi

- Ms.Dharani Arikrishnan from FE IT has been the runner up for Intercollegiate poster making competition held at SIES graduate school of technology.

- Ms.Shrutika Iyer from TE IT won first position in Inter college fashion show competition in SIES Management on 18th February 2019 and has been runnerups in inter college fashion show competition in RAIT, Nerul on March 08, 2019



Fashion Show

## Faculty achievements :

- Prof. K.Lakshmi sudha successfully completed Ph. D Viva Voce on 24/4/2019.

- Prof. K.Lakshmi sudha conducted session for TE IT on " Expert talk on " Project Area and Technical Paper Writing" on 3/18/2019.

- Prof. K.Lakshmi sudha received Minor Research Grant of Rs 15,000/- from UoM.

- Prof. K.Lakshmi sudha submitted Major Research Grant proposals to DST.

Prof. K.Lakshmi sudha has published paper entitled "SMART AGRICULTURE" on International Journal of Research and Analytical





Sports-Taekwondo championship

Reviews (IJRAR), 4 Dec. 2018

- Dr. Vijay Katkar conducted sessions in AICTE-ISTE approved STTP on “Neural Network & Deep Learning using tensor flow” from 01/01/2019 to 05/01/2019 organized by EXTC department of SIESGST

Dr. Vijay Katkar conducted SDP on “Web Application Development using Django Framework”

- Dr. Vijay Katkar submitted Research 2 Major Research Proposals to DST
- Dr. Vijay Katkar published paper on “Early Placement Prediction System for Engineering Students of Indian Universities”, international Conference on Communication and Information Processing (ICCIP 2019), Publication by Elsevier-SSRN Series E-Journal.
- Prof. Leena Ladge participated in 3 days workshop on “Advanced Topics in embedded Systems & Robotics (Python & IOT) conducted from Feb 7, 2019 to Feb 9, 2019 at Indian Institute of Technology, Bombay.
- Prof. Leena Ladge completed NPTEL Online Certification on “Introduction to Internet Things” successfully.
- Prof. Leena Ladge published paper on “Proximity Based Object Description System for Museum using BLE Beacons”, International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.315-319, April-2019
- Prof. Mrinal Khadse attended Orientation for subject CCS at K.J. Somiya Institute of Engineering & Information Technology on 11th Jan 2019
- Prof. Savita Lohiya attended Orientation for subject SEPM at RAIT, Nerul on Jan 09,2019 and Mini Project at Vivekanand Education Society's Institute of Technology on

journal of Emerging technologies and Innovative REsearch ISSN2345-5162,VOL6,Issue4,pg no.417-418 April-2019

- Prof. Savita Lohiya published paper on “Mess Food Wastage Saver”, International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, page no.195-196, April-2019.

□ Prof. Seema Redekar participated in FDP on GEO informatics & related Open Source from 10th to 12th jan 2019

- Prof. Seema Redekar published paper on “Personalized Tour Recommendation System”, JETIR , Volume 6, Issue 5 ,pp. 25-29, May 2019.

□ Prof. Varsha Mali conducted sessions in AICTE-ISTE approved STTP on “Neural Network & Deep Learning using tensorflow” from 01/01/2019 to 05/01/2019 organized by EXTC department of SIESGST.

- Prof. Stuti Ahuja participated in FDP on GEOinformatics & related Open Source from 10th to 12th jan 2019

□ Prof. Stuti Ahuja participated 2 days workshop on “Research Proposal & Technical Paper Writing” on 13th & 14th February 2019 at SPIT, Andheri.

- Prof. Stuti Ahuja got the Ph. D admission in Computer Engineering in K.J. Somaiya College of Engineering, Vidyavihar in Feb 2019.

□ Prof. Stuti Ahuja received Minor Research Grant of Rs 25,000/- from UoM.

- Prof. Bushra received Minor Research Grant of Rs 30,000/- from UoM.

□ Prof. Bushra published paper on “A health companion application”, International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 4, April 4, 2019

□ Prof. Bushra published paper “Maiboli - A Programming Language Solution Based on page no.326-330, April-2019.

Marathi Devanagari Script”, Elsevier SSRN 3368889.

- Prof. Saritha L.R. attended Orientation for subject Wireless Network & Sensor Network Lab at Terana Engg. College, Nerul on Jan 10,2019

□ Prof. Saritha L.R. published paper on “Human Drowsiness Detection System”, International Journal of Engineering and Advanced Technology, Volume-8 Issue-4, April 30, 2019.

- Prof. Stephy Benny attended Orientation for subject Advanced Internet Programming at Terana Engg. College, Nerul on Jan 10,2019

□ Prof. Stephy Benny conducted Latex Workshop in Terna Engg. College on March19,2019

- Prof. Stephy Benny got Admission in Phd Computer Engg. in Pillai College of Engg, Panvel

□ Prof. Stephy Benny published paper on “Speech recognition for simple speech commands”, JETIR , Volume 6, Issue 5 ,pp. 544-549, May 2019

- Prof. Stephy Benny published paper on “Personalized Tour Recommendation System”, JETIR , Volume 6, Issue 5 ,pp. 25-29, May 2019

□ Prof. Deepali Gawali attended Orientation for subject DMBI & Business Intelligence lab at Vidyalkar Institute of Technology, Wadala. on Jan 09,2019

- Prof. Deepali Gawali completed NPTEL Online Certification on “Privacy and Security in Online Social Media” successfully.

□ Prof. Suneha Patil attended Orientation for subject Digital Forensics at Thadomal Shahani Engg. Collge on Jan 05,2019

- Prof. Suneha Patil attended one week AICTE-ISTE approved

Jan 16,2019

- Prof. Savita Lohiya published paper on “ Personality prediction using CV analysis”, International

STTP on "Digital Forensics: Tools, Techniques and Current Trends" at Department of Information Technology, Thadomal Shahani Engineering College, Bandra from 2nd January 2019 to 8th January 2019.

- Prof. Bhavana Rote completed NPTEL Online Certification on “Problem solving through programming in C” successfully.

#### Faculty Development Programs:

- FDP on “GEOInformatics and Related Open Source” was conducted on Jan10-Jan 12,2019 which was organized by IT and EXTC Department.



GeoInformatics

- An Industrial Visit for faculty in Reliance Jio was organized on April 10, 2019



Faculty Industrial visit at Reliance Jio

- An FDP on Healthy Mind was conducted by Mr. Shriram Athri on February 18,2019.

#### Student Development Programs:

- An SDP on “Web Application Development using Django Framework” was organized and conducted by Dr. Vijay Katkar on January 19,2019.

- Project exhibition and competition “PROJECTIONS” was organized on April, 2019 for TE IT students.



Projections

- An Industrial Visit to Anunata Tech, Goregaon for SE IT was organized on February 16,2019



Industrial Visit to Anunata Technology

- An Industrial Visit to TCS for TE IT was organized on February 18,2019.



Industrial Visit to TCS

#### Seminars /workshops attended by IT Department:

- ✓ IETE organized a workshop on Training Program on “GitHub” which was conducted by IETE students Shivraj Patil, Nimish Chaudhari, Karthik Mudaliar and Dhiraj Mehta dated on January 14,2019
- ✓ IETE organized Techxer 8.0 on March 14,2019
- ✓ A Seminar on “Awareness Session On Digital Market by Mr. Nishant



Awareness Session on Digital Market by SocialKinnect

- ✓ A Technical talk on “Networking and Wireless LAN fundamentals” for Wireless Network subject conducted by Mr. Shrilendra, from Wartsila on February 5,2019.
- ✓ An Expert Talk on “Spark and Hadoop” for BDA Subject of BE Students was conducted by Ms. Sayali Shelke, L & T Infotech on February 7,2019
- ✓ IETE organized Ideation '19 on February 15,2019
- ✓ An Workshop on Digital Marketing Skill Development was conducted by Mr. Vishram Bapat, Mr. Bharat Chhatre, Ms. Kiran Kanteliya on February 28,2019.
- ✓ A Seminar on "Server and Infrastructure setup using Linux" for SE IT was conducted by Ms. Rutuja Sood on March 16,2019
- ✓ An Expert talk on " Project Area and Technical Paper Writing" for TE IT was conducted by Prof. K.Lakshmisudha on March 18,2019
- ✓ Expert talk on "Trending Technology in IT" was conducted by Mr. Sameer Davane & Mrs.Sujata Davane (Reliance JIO) on March 25,2019
- ✓ Expert talk on " Cloud Computing " was conducted by Mr. Amit Batra (TCS) on March 26,2019.
- ✓ An Alumni Interaction for the subject “Storage Network Management & retrieval was conducted by Mr.Onkar Bhosale.
- ✓ An Expert talk on “cyber crime, Digital Forensics and Career Opportunities” was conducted on April 8, 2019 by Mr. Aditya Mathur, Director, SIDR Solutions.

Quote from the Editor’s Desk:

*“Strength Doesn’t come from what you can do,It comes from overcoming the things you once thought you couldn’t”*  
-Rikki Rogers.

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