



# IT NEWS LETTER

**DEPARTMENT OF INFORMATION TECHNOLOGY**

July-December 2017

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. Leena Ladge  
Prof. Stephy Benny

### **Program Educational Outcomes (PEOs)**

Graduates will be able to:

1. PEO1: Compete in professional career with social and ethical responsibilities.
2. PEO2: Pursue higher studies / research in Engineering and Management.
3. 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: Students should be able to involve themselves in life-long learning and cultivate skills for successful career, entrepreneurship and higher studies.

### **Department Activities**

- AICTE-ISTE approved STTP was successfully organized by the Department of Information Technology on Data Analytics with R Programming”, July03-07, 2017.

### **Department Initiatives:**

- Information Technology Department has signed Memorandum of Understanding with “Lab Systems” on 26/3/2017.
- Information Technology Department has signed Memorandum of Understanding with “MIoTPro” on 29/7/2017.

### **Academic/ Technical achievements of students:**

- ❖ Mr. Sarabh Mulik of TE IT has selected for Project Deep Blue Competition Season 3.
- ❖ Mr. Sarabh Mulik of TE IT has completed and certified in course Web Technologist Level-1 with 94.7%.
- ❖ Mr. Sarabh Mulik of TE IT has completed and certified Android OS-Programming Level-1 with 74%.
- ❖ Mr. Koustubh Modhave of TE IT has selected for Project Deep Blue Competition Season 3.
- ❖ Mr. Rahul Choudhary of TE IT has selected for Project Deep Blue Competition Season 3.
- ❖ Ms. Bhakti Jadhav of TE IT has selected for Project Deep Blue Competition Season 3.
- ❖ Mr. Sharan Iyer of TE IT has acquired Elite in NPTEL (Cloud Computing).

- ❖ Ms. Pooja Galgali of BE IT has acquired Elite in NPTEL (PYTHON).
- ❖ Mr. Emmanuel got First rank in Webmaster competition in Cognition 17 at SIES GST, Nerul.
- ❖ Ms. Priyadarshini Muthyala won second place in quabble(Debate) competition at SIES GST, Nerul in 2017.
- ❖ Mr. Samyak Bhat of BE IT secured 2nd in classical instrumental(Nonpercussion instrument) at University competition(Youth festival) on 15/sep/2017

### **Student Sports achievements:**

- ❖ Mr. Jay Gautam of SE IT has secured 2nd position in Intercollegiate Cricket Tournament.
- ❖ Mr. Suraj Hedla of BE IT selected as a Runner up for Carrom Competition at SIES GST in 2017.

### **Cultural Achievements:**

- ✓ Ms. Reethika Renganatham of SEIT won 3rd Prize at Zonal level Singing Competition.
- ✓ Ms. Shrutika Iyer of TE IT secured 1st Prize in Fashion Show, KC College.
- ✓ Ms. Shrutika Iyer of TE IT secured 2nd Prize in Fashion Show, LTCOE.
- ✓ Mr. Samyak Bhat of BE IT secured 2nd in classical instrumental(Nonpercussion instrument) at University competition(Youth festival).

### **Faculty achievements :**

- Prof. K. Lakshmisudha has published a paper on Research Analysis on Optimization of Energy Consumption in Wireless Sensor Networks”, Advances in Wireless and Mobile Communications, Advances in Wireless and Mobile Communications. ISSN 0973-6972 Volume 10, Number 5 (2017), pp. 829-840.
- Prof. K. Lakshmisudha has Published a paper on Journal of Computational and Theoretical Nanoscience, Volume 14, Number 9, pp. 4268-4277(10). DPRA- FC: Dynamic Probabilistic Rate Allocation and Flow Control Algorithm During Congestion in Wireless Sensor Network., September 1, 2017. Indexing: Till 2016 (SCI).

- Prof. Seema Redekar has published a paper on “Luciferin Intelligent Light Systems”, IJREAM, Vol 03, Issue 08, Nov 2017.
- Prof. Stuti A. has published a paper on “Luciferin Intelligent Light Systems” IJREAM, Vol 03, Issue 08, Nov 2017.
- Prof. Pranjali Thakare has published a paper entitled "Analyzing behavioral attributes of driver and implementing safe driving model" in iee explorer digital library with ISBN 978-1-5090-5677-4 .

#### **Student Development Programs:**

- ✓ SDP on “Image Processing with R “on 4th & 5th August 2017 for BE IT students.
- ✓ SDP on “Advanced Java” from Dec 18-23, 2017 for TE IT students.

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

- Prof. K.Lakshmisudha has attended STTP on “Data Analytics with R Programming” at SIESGST, July 03-07, 2017.
- Prof. K.Lakshmisudha has attended Orientation on 20th July 2017 at Terna Engg College.
- Prof. K.Lakshmisudha has attended Seminar on "value based teaching learning process" on 2nd August 2017 at SIESCOMS, Nerul.
- Prof. K.Lakshmisudha has Organized and attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. K.Lakshmisudha was a resource person for faculty orientation program for the revised SE IT CBCGS syllabus on 20th July, 2017 for the Subject of “ Principle of Communications” organized By Terna Engineering College.
- Prof. K.Lakshmisudha was Speaker for seminar on technical paper writing for TE CE Students.
- Prof. Leena Ladge attended STTP on “Data Analytics with R Programming”, at SIESGST, July , 03-07,2017.
- Prof. Leena Ladge attended AICTE Sponsored Two Days National Seminar on “Technologies for Development of Rural Areas”, at SPIT, Andheri, July , Nov 27-28, 2017.

- Prof. Leena Ladge attended AICTE –ISTE approved One week CAS program on “Numerical Techniques in Engineering Research”, at SPIT, Andheri, July , Dec 11-15, 2017.
- Prof. Leena Ladge was resource person for faculty orientation program for the revised syllabus SE IT CBCGS on 20<sup>th</sup> July, 2017 for the Subject of “Logic design” , “Digital Design Lab”, & “Principles of communications ”organized By Terna Engineering College.
- Prof. Mrinal Khadse attended STTP on “Data Analytics with R Programming”, July 03-07, 2017.
- Prof. Mrinal Khadse has completed 6 week FDP 101x and 201x on "pedagogy for online and blended teaching learning process ICT" by IIT Bombay.
- Prof. Savita Lohiya attended seminar on "Value based teaching learning process" on 2nd August 2017 at SIESCOMS, Nerul.
- Prof. Savita Lohiya has completed 6 week FDP 101x and 201x on "pedogogy for online and blended teaching learning process ICT" by IIT Bombay.
- Prof. Savita Lohiya has attended STTP on “Data Analytics with R Programming” at SIESGST, July 03-07, 2017.
- Prof. Seema Redekar has attended STTP on “Data Analytics with R Programming” at SIESGST, July 03-07, 2017.
- Prof. Seema Redekar has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Saritha L.R has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Saritha L.R has attended FDP on Challeneges in Cloud Computing Application on 29th Nov 17.
- Prof. Samit Shivadekar has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Varsha Mali has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Varsha Mali has attended FDP on "Cloud computing and its challenges" on 22nd Nov 2017 FDP on "Cloud computing and its challenges" on 22nd Nov 2017.

- Prof. Bushra S. has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Bushra S. has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Stuti A. has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Stuti A. has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Stephy B. has attended STTP on “Data Analytics with R Programming” at SIESGST, July03-07, 2017.
- Prof. Stephy B. has completed 6 week FDP 101x and 201x on "pedagogy for online and blended teaching learning process ICT" by IIT Bombay.
- Prof. Stephy B. has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- .Prof. Deepali G. has attendee FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Pranjali Thakare has completed 6 week FDP 101x and 201x on "pedagogy for online and blended teaching learning process ICT" by IIT Bombay.
- Prof. Pranjali Thakare has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Pranjali Thakare got Elite Certificate in NPTEL course entitled "Introduction to Internet of Things.
- Prof. Amit Pandhare has attended STTP on “Cyber Security and digital forensics” at SIESGST, July03-07, 2017.
- Prof. Amit Pandhare has attended FDP on Challenges in Cloud Computing Application on 29th Nov 17.
- Prof. Amit Pandhare has completed 6-week FDP 101x and 201x on "pedagogy for online and blended teaching learning process ICT" by IIT Bombay.

**Quote from the Editor’s Desk:**

*“The philosophy of the school room in one generation will be the philosophy of government in the next”. Abraham Lincoln.*