



# IT NEWSLETTER

**DEPARTMENT OF INFORMATION TECHNOLOGY**

July–December 2018

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)

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

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

## 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%.

## Department Activities

Department Advisory Board meeting was held on September 29, 2018. 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.



**DAB Meeting September 29, 2018**

## Academic/Technical Achievements of Students

- Mr. Hrishikesh Vichore, Mr. Jaishankar Iyer of TE IT and Mr. Mukesh Chaudhary of BE IT have short listed for Quarter Final of Texas Instruments India Innovation Challenge Design Contest 2018, project titled "Unmanned Ground Vehicle (UGV) for Spying and Threat Elimination".
- Mr. Chinmay Kemkar, Mr. Aniket Chavan of BE IT have successfully completed the "Text Extraction from Scanned Documents" project using Java during the period of June 2018 to August 2018 from Simplicite creations Private Limited.
- Mr. Hrishikesh Vichore and Mr. Kush Shah of TE IT have successfully completed the "Text Extraction from Scanned Documents" project using Python and Tesseract software during the period of June 2018 to August 2018 from Simplicite creations Private Limited.
- Ms. Aishwarya Vijay Nair, Mr. Sharan Eshwar Iyer, Ms. Ruchira Patane of BE IT; Mr. Hrishikesh Vichore, Mr. Gaurav Shetty, Ms. Shreya Sandesh Patil of TE IT and Ms. Avantika Anand Pawar of SE IT have successfully completed NPTEL Courses.
- Mr. Saurabh Mulik, Mr. Mandar Milind Kotnis have successfully completed RED HAT certification as System Administrator on October 22, 2018.

## Sports Achievements

- Mr. Yasin of TE IT has bagged silver medal in Taekwondo at district level organized by Taekwondo Association held at Shrima Vidyalaya, Thane.

## Cultural Achievements:

- Mr. Sainiranjana Sharma of TE IT got selected for final round of District level in Western Instrument Solo.

## Faculty Achievements/ Research Grants

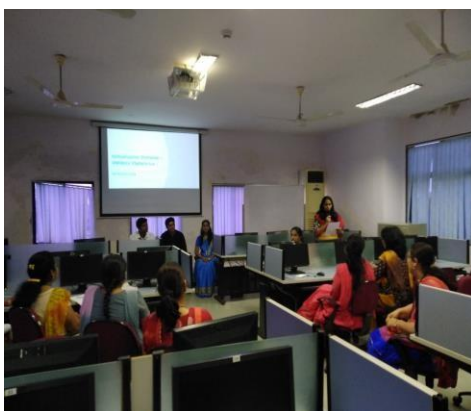
- Prof. K.Lakshmi Sudha, Dr. Vijay Katkar, Prof. Seema Redekar have completed a Consultancy Project on "Text Extraction from Scanned Documents" from Simplicite Creations Private Limited, Mumbai.
- Prof. K.Lakshmi Sudha, Prof. Varsha mali have completed a Consultancy project "E-commerce Website Data Scraping" with Simplicite Creations Private Limited, Mumbai.
- Prof. K.Lakshmi Sudha has Conducted session in AICTE-ISTE approved STTP on "Computer Networks and Security Cyber Security" organized by CE and IT department of SIESGST (15<sup>th</sup>-22<sup>nd</sup> Oct. 2018).
- Prof. K.Lakshmi Sudha has published a paper titled "Smart Agriculture" on International Journal of Research and Analytical Reviews (IJRAR), 4 Dec. 2018.
- Prof. K. Lakshmi Sudha has completed "CCNA Routing and Switching" from Horizon Computers (July 2018 to October 2018).
- Dr. Vijay Katkar is mentoring students for project titled "Unmanned Ground Vehicle (UGV) for Spying and Threat Elimination" for Texas Instruments India Innovation Challenge Design Contest 2018 and short listed for Quarter Final.
- Dr. Vijay Katkar has conducted session as a subject Expert Speaker for FDP on "Deep Learning using Python" from 19/12/2018 to 21/12/2018 at S. N. Patel Institute of Technology, Umrah Bardoli, and Gujarat (19<sup>th</sup>-21<sup>st</sup> Dec. 2018)

## Faculty Achievements/ Research Grants

- Prof. Leena Ladge has conducted orientation for IT faculty for the subject MEP & IOT mini project Lab at VIT, Mumbai on July 05, 2018.
- Prof. Leena Ladge was the auditor for Exam cell activities of SPIT, Andheri (Question paper setting & answer sheet evolution process) on July 09, 2018.
- Prof. Savita Lohiya has reviewed a paper in International conference, Thailand.
- Prof. Savita Lohiya has conducted expert lecture on Intelligent System for final year IT students at AC Patil College of Engineering Kharghar on October 03, 2018.
- Prof. Seema Redekar, Prof. Prof. Varsha Mali reviewed paper for a IEEE Conference, ICNTE-2019.
- Prof. Seema Redekar has successfully completed the Ph. D coursework from Pillai College of Engineering.
- Prof. Varsha Mali was a subject Expert Speaker for FDP on 'Deep Learning using Python' from 17/12/2018 to 18/12/2018 at S. N. Patel Institute of Technology, Umrakh Bardoli, Gujarat.
- Prof. K.Lakshmi Sudha, Prof. Mrinal Khadse, Prof. Varsha Mali, Prof. Stuti Ahuja, Prof. Suneha patil and Prof. Bhavana Rote have completed NPTEL courses.

## Faculty Development Programs

- FDP was conducted on "Virtualization Overview- VmwareVsphere 6.x" on August 14, 2018 by Mr. Imran Motani from Anunta Technology Management Services Ltd, Mumbai.



FDP on "Virtualization"

- AICTE-ISTE approved STTP was organized on "Computer Networks and Security Cyber Security" (15<sup>th</sup> to 22<sup>nd</sup> Nov.2018)

## Student Development Programs

- SDP was conducted on "Responsive Web Page Design using Bootstrap 4" on July 21, 2018 by Dr.Vijay Katkar for SE IT students.
- Seminar on "Soft skill and Industry Interaction" was conducted on August 3, 2018 by Alumnus Mr. Karan Kapoor, Mr. Ashok Krishanan, and Mr. Vinay Hegde for SE IT students.



Seminar on "Soft skill and Industry Interaction"

- SDP was conducted on "Basic Python" from 14/07/18-21/07/18, "Introduction to R" from 14/07/18 to 21/07/18, "Machine learning with Python" from 04/08/18-29/09/18 and Machine learning with R" from 04/08/18-29/09/18 by faculty members under CoE of Data Science & Deep Learning.
- Seminar on "Electronics domain & its importance in IT" was conducted on September 4, 2018 by alumnus Mr. Karan Kapoor for SEIT students.
- Boot Camp was organized on "Data Science and Design Thinking" on September 25, 2018 for BEIT at the Indian School of Design and Innovation, at One India Bulls, Parel.



"Boot Camp" at ISDI, Parel

## Student Development Programs

- Orientation seminar "Career Development" was conducted on September 6, 2018 by Dr. Vikram Patil for SEIT students.
- Seminar on "Electronics domain & its importance in IOT" was conducted on September 4, 2018 by alumnus Mr. Karan Kapoor for TEIT students.
- Industrial visit was organized to "Reliance Jio" on 10/9/2018 for TEIT students.



Industrial Visit "Reliance Jio Ghansoli"

- Latex Workshop was conducted for BE IT on September 29, 2018 by Prof. Savita Lohiya and Ms. Stephy Benny.
- Intercollegiate quiz competition "MINDSPARK" conducted on 07/09/2018 & 08/09/2018, workshop on "GitHub & Firebase" was conducted from 03/10/18 and 12/10/18 by Shivraj Patil of BE IT.
- Seminar on "Digital Marketing & E-Commerce" was conducted on October 1, 2018 by Mr. Karan Makharia for TEIT & BEIT students.
- Seminar on "Google Dorking and Keylogger" was conducted on October 5, 2018 by Mr. Karan Sawant for TEIT students.
- Project exhibition and competition "PROJEXIONS" was organized on October 25, 2018 for TE IT students.

## Quote from the Editor's Desk

*"We cannot help ourselves without helping others,  
We cannot enrich our lives without enriching others,  
We cannot prosper without bringing prosperity to others".*

*-Janette cole.*