



# IT NEWS LETTER

**DEPARTMENT OF INFORMATION TECHNOLOGY**

July-December 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. Amit Pandhare

### **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 Activities**

Department Advisory Board meeting was held on October 18, 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:**

- At least two BE projects should be mentored by industry experts.
- Organize at least two project competitions.
- Placement should be increased at least 10%.
- Faculty publication: 100%

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

- ✓ Mr. Gaurav shetty BE IT student published a paper titles 'Type II Diabetes Detection using Ensemble of Classifiers' at IEEE International Conference ICUBEA 2019, Pune
- ✓ Mr. Aditya Acharya and Mr. Anandhu Gopi of BE IT students got Certificate of Merit for 'Best Design' in "Android Application Development Inter College Competition" on 14th September, 2019 at Fr. Conceicao Rodrigues Institute of Technology, Vashi.

### **Cultural Achievements:**

- ✓ Mr. Abhishek Avadhani in BE IT won 3<sup>rd</sup> prize in Western vocal solo at Youth festival organized by University of Mumbai.
- ✓ Mr. Sainiranjana Sharma BE IT student won prize in Western instrumental Consolation at Youth festival organized by University of Mumbai.
- ✓ Ms. Arfah Upade TE IT student won 1<sup>st</sup> prize in Debate group B 1st prize at Youth festival organized by University of Mumbai.

### **Faculty achievements :**

- ❖ Dr. K. Lakshmi Sudha got Minor Research Grant Project titled 'Smart Agriculture using IoT' sanctioned from University of Mumbai. (Ref. APD/ICD/2018-19/593).
- ❖ Dr. K. Lakshmi Sudha Coordinating two industry project and one In house project.
- ❖ Dr. K. Lakshmi Sudha was resource person for workshop on Enterprise Network Design using L2 and L3 switch on August 26, 2019.
- ❖ Dr. K. Lakshmi Sudha organized expert talk on Oct 14, 2019 on "Career Enlighten on Networking and Cyber Security" by Mr. Mohammad Junaid.
- ❖ Dr. Vijay Katkar was resource person for ISTE-GUJCOST sponsored one week STTP on "Deep Learning –Practical Approach" at C.G. Patel Institute of Technology, Gujrat.
- ❖ Prof. Leena Ladge selected as IQAC Coordinator, SIESGST.
- ❖ Prof. Leena Ladge was attended a one day workshop on Linux organized by Teaching Learning Centre, ICT at IITB, on August 23, 2019.
- ❖ Prof. Leena Ladge was coordinated for various events organized by IETE Students' Forum.

- ❖ Prof. Leena Ladge organized an Expert Talk on "industrial IOT" organized for TE IT students on Oct 10, 2019 by Mr. Hariish Chandar , Founder INDIATECH Pvt. Ltd.
- ❖ Prof. Savita Lohiya attended a one day workshop on Linux organized by Teaching Learning Centre, ICT at IITB, on August 23, 2019.
- ❖ Prof. Savita Lohiya was organized Expert Talk on 'Machine Learning' for BE IT students on Sep 2019 by Ms. Sneha Krishnan software Engineer at Xoriant, Mumbai.
- ❖ Prof. Savita Lohiya was attended orientation program on Artificial Intelligence on 12<sup>th</sup> July at Vidyalkar Institute of Technology.
- ❖ Prof. Seema Redekar attended a one day workshop on Linux organized by Teaching Learning Centre, ICT at IITB, on August 23, 2019.
- ❖ Prof. Seema Redekar was organized an Expert Talk on 'Expert talk on "Angular JS and NOSQL by Mr. Siddhesh Karandikar, Software Developer, Nucsoft Ltd, Mumbai.
- ❖ Saritha L. R. was organized Industry expert talk on "Software Testing Tools, an Introduction to popular industry oriented tools ", Aug 2019
- ❖ Saritha L. R. was attended training on IEEE.
- ❖ Prof. Varsha Mali was attended TEQIP-III Sponsored One-Week Short Term Training Programme on 'Deep Learning Applications' at S. V. National Institute of Technology, Surat, Gujrat.
- ❖ Prof. Varsha Mali was resource person for ISTE-GUJCOST sponsored one week STTP on "Deep Learning –Practical Approach" at C.G. Patel Institute of Technology, Gujrat.

- ❖ Prof. Varsha Mali was resource person for expert talk for the subject “**Neural Networks**” sem VII, Extc department SIESGST.
- ❖ Prof. Stuti Ahuja got minor Research Grant Project titled ‘IoT based Driver Drowsiness Warning’ sanctioned from University of Mumbai.
- ❖ Prof. Stuti Ahuja published paper in “IOT Based System for Driver Drowsiness Warning” in JICR, UGC approved journal , OCT 2019
- ❖ Prof. Stuti Ahuja organized Industry expert talk on “Current Trends and Requirement in Industry”, Aug 2019
- ❖ Prof. Bushra Shaikh got minor Research Grant Project titled ‘IoT based Smart Kitchen System’ sanctioned from University of Mumbai. (Ref. APD/ICD/2018-19/593).
- ❖ Prof. Bushra Shaikh published a paper on ‘Maiboli - a programming language solution based on Marathi Devanagari Script’, IEEE BOMBAY SECTION SIGNATURE CONFERENCE – IBSSC- 2019, held during July 26-28, 2019 (VMCC) | IIT Bombay.
- ❖ Prof. Bushra Shaikh attended AICTE-ISTE approved 6 days workshops on ‘Recent Trends in Mobile(Android) Apps Development’, June 24-28,2019, and an Orientation Program on ‘Mobile Application Development’ and ‘Android Apps Development’ on 6<sup>th</sup> July, FCRIT, Vashi.
- ❖ Prof. Amit Vasant Pandhare organized workshop on Enterprise Network Design using L2 and L3 switch on August 26, 2019.

- ❖ Prof. Amit Vasant Pandhare organized expert talk on Oct 14, 2019 on “Career Enlighten on Networking and Cyber Security” by Mr. Mohammad Junaid.

#### **Faculty Development Programs:**

- Prof. Varsha Mali has attended Faculty Development on “Experimental Learning, Automation, Machine Learning and Business Ethics on 19/08/19 at TCS Yantra Park Thane.
- Prof. Leena Ladge, Prof. Mrinal Khadse, Prof. Savita Lohiya and Prof. Seema Redekar attended one day Workshop on “Linux”, conducted by the Teaching Learning Centre (ICT) coordinated by IIT Bombay on 23/08/19.

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

- Dr. K. Lakshmisudha has conducted 40 hours Student Development Program on “CCNA-Routing and Switching” for SE/TE/BE students.
- Dr. Vijay Katkar conducted 60 hours Student Development Program on “Advanced Web Technologies” for SE/TE-IT students.
- Dr. Vijay Katkar and Prof. Seema Redekar has organized expert talk on "Angular JS and NoSQL" for TE-IT students by Mr. Siddhesh Karadikar on 05/10/2019.
- Prof. Leena Ladge organized expert talk on "Industrial IoT", by Mr. Harish Chandar, Founder/Director INDIATECH Pvt. / Ltd. On 10/10/2019.
- IT Department has organized “Projexion- a project competition”, based on IOT, App development for TE and BE students under IETE Student forum of SIES GST on 22/10/2019 and 23/10/2019 Prof. Leena Ladge and Prof. Bushra S. have co-ordinated the event.

- Prof. Amit Pandhare organized expert talk on “Career Enlighten on Networking and Cyber Security by Mr. Mohammad Junaid for BE-IT students on 14/10/19.

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

- Prof. Vijay Katkar has attended Orientation Program for the subject Infrastructure Security(Sem-VII) at Thadomal Sahani Engineering College, Bandra.
- Prof. Amit Pandhare has attended Orientation Program for the subject Enterprise Design Network (Sem-VII) at K.J.Somaiya Institute of Engineering and Information Technology Sion(E), Mumbai.
- Prof. Savita Lohiya has attended Orientation Program for the subject Artificial Intelligence(Sem-VII) at Vidyalankar Institute of Technology, Vadala.
- Prof. Bushra Shaikh has attended Orientation Program for the subject Mobile Application Development (Sem-VII) at FCRIT, Vashi.

#### **Quote from the Editor’s Desk:**

*“The function of education is to teach one to think intensively and to think critically. Intelligence plus character that is the goal of true education.*

*Martin Luther King Jr.*