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MAY 2019 EXAM TOPPER

VIT congratulate following student for scoring highest 9.60 CGPI .

Ms. Samiksha Darade



Scan below QR Code for previous newsletter copy



## HOD SPEAK



### Prof. (Dr.) Girish Bhole

Head of Department,  
Information Technology

their project work with faculty members and taking new inputs to improve their project quality.

New semester has started in July and now in next two weeks this semester will end. Students are busy with practical, assignments submission. Students have attended beyond syllabus activities such as attending guest lectures by industry experts, seminars, workshop, doing mini projects, technical quizzes, etc. Various technical activities arranged by ITSA and ACM committee have enriched students with latest technical skills. Good numbers of students are already placed in reputed companies. Some students have opted to become entrepreneur and already have started their own venture. Some final year students are busy in preparation of competitive exams like GATE, GRE, CAT etc. Final year students are participating enthusiastically in institute level project review presenting and discussing

## ITSA Activity: Calculator Workshop

Information Technology Student Association (ITSA) organized its first workshop on Monday, the 16th September 2019. The aim of organizing a calculator workshop was to give a basic understanding of using a scientific calculator to the first-year engineering students. The total online registration was 258 and total number of 205 students participated. The workshop started with a welcome address and introduction to the theme of the workshop and also the goals and events of ITSA by anchor. The speakers of the workshop were Mr. Aniket Singh, Ms. Nupoor Dode, Mr. Sameer Bhosle and Mr. Raj Dedhia all students of Third Year INFT. The workshop included teaching of new functions on casioFx-991esplus and casioFx-991esX scientific calculator. It included trigonometric & hyperbolic functions,  $X_n$ , factorial, log, ln, en, permutations & combination, complex numbers, matrix operations, table, quadratic equation and conversions. The workshop tackled solving tedious operations through various tips and tricks. A quiz was conducted towards the end for self-evaluation of students. In all 205 students participated and students expressed their positive feedback on the workshop and were completely satisfied with the learning experience.



**16<sup>th</sup> September 2019**  
**Venue: M101, E204**  
**& M202**



## Quotes of the Quarter

Everybody gets so much information all day long that they lose their common sense.

-Gertrude Stein

**Prof. (Dr.) Sachin  
Bojewar**



Department :Information Technology

Designation :Professor

Educational Qualification PhD in Information Technology

Achievements: On Board of Value3Advisory, Cloud Counsallage, Parth technology and Mumbai Resaerch Consortium

Area of specialization: Software Engineering, Project management and Software Quality Assurance

Experience: 27 years

**Prof. Shashikant  
Mahajan**



Department :Information Technology

Designation :Assistant Professor

Educational Qualification Pursuing PhD in Computer Engineering

Area of Intrest:: Open Source OS,Soft-Computing.

Experience: 09 years

**INFT Department Activity : TECH TREE**

TECH TREE is a technical blogging initiative by INFT department under the guidance of Prof. (Dr.) Deepali Vora, Professor in INFT Department. Blogging was initially used as a unique platform to share a person's thoughts, feelings, opinions or experiences – an online journal or diary with a minimal following.



Today, it has grown into a platform used by millions, everyone from individuals to businesses. The simplicity of a blog makes it easy for anyone to launch a blog and become a self-proclaimed "expert. Blogs can be used for anything that involves communicating or publishing information on the World Wide Web. Common uses include teaching and educational and corporate use. .Your blog can be a personal diary, a project collaboration tool, a guide, or any means of communicating and publishing information on the web. In this fast-happening technical world, one really needs to be updated with latest of technologies which are upgraded and introduced. Taking this thought in mind we, at tech tree aim for everyone to learn and gather sense of awareness about latest technical updates by our continuous blog posts relating anything and everything about technology. So why to wait until its too late? Hurry up and check out Tech blogs at <http://itblog.vit.edu.in/>. The website created focuses on three sections to complete it as a single entity. First Section included Tech blogs by students wherein, students can participate in tech blogging, further sharing their experiences and insights into technical domain according to their perspective. Second Section focuses on Tech articles by Faculty members wherein, write ups scripted by professors are presented on their respective field of study and interest . Third section, indeed an interesting section would include our VIT Alumni talks where, the professionals groomed by VIT leading their respective sectors can share their experience and knowledge giving students the industrial touch by their article. Walking along this pathway, Tech Tree aspires to broaden the perspective of students beyond academic curriculum. We wish to ignite the spark of knowledge and wisdom, lending them a big hand for becoming an industry favorable person. Feel free to mail your articles at [techtree@vit.edu.in](mailto:techtree@vit.edu.in).

**Faculty achievement :**

CSI TECHNEXT AWARDS 2019, an Academia awards in recognition of the talent across India felicitates Institutes, HOD, Faculty and students Project. Prof. Anuradha Bhatia, Assistant Professor in Information Technology Department was honored upon with BEST FACULTY - THOUGHT LEADER AWARD. Entire department congratulate her and is proud of her achievement.



**28<sup>th</sup> September 2019  
Venue: Wellinker Institute**

**Secrets of Excellence**

Education is the ability to listen to almost anything without losing your temper or your self-confidence. -Robert Frost



**Rutuja Nerurkar (Batch of 2011-15)**, Machine Learning engineer in Sapient Shopping, Inc in San Jose, California, USA .

Education and knowledge these two things are important pillars of anyone's life. In VIT, all the professors not only give you good education but also they help you to gain knowledge while studying. Learning process is easier and involves lot of knowledge building process. Every professor at VIT is expert and exceptionally talented in their respective fields and they help every student to get the knowledge at it's best. All the professor's and staff members are extremely co-operative, helpful and dedicated when it comes to solving the doubts or helping into the projects and research. In order to pursue a great career into this field it is always important to have the familiarity with programming languages and basic foundations of mathematics as well. VIT helped me to gain knowledge into both at it's best through which I am able to pursue my dream career and enjoying it everyday, having good programming foundations o me VIT is the best place to learn, study and gain knowledge and I am extremely proud to be a part of a great organization. I am grateful to every professor who always helped me through out my career. I am proud to be a VITian and I encourage more students to be a part of VIT.

## Top 06 Trending Technologies To Master In 2019

### 1) Artificial Intelligence (AI):

Artificial Intelligence Training – Explore the Curriculum to Master AI and Deep Learning. AI existed even before the internet was born, but it is now that the data processing and compute power backbone became strong enough to sustain an entire technology by itself. AI is everywhere today, from your smartphones to your cars to your home to your banking establishment It is the new normal, something the world cannot do without.

### 2) Blockchain:

Blockchain Training – Explore the Curriculum to Master Blockchain. This is the tech that powers bitcoins, the whole new parallel currency that has taken over the world. Interestingly, blockchain as a technology has far-reaching potential in everything from healthcare to elections to real estate to law enforcement. Understand how blockchain works and your career is as sorted as the secure ledger this tech is based on!

### 3) Augmented Reality and Virtual Reality:

Virtual is real! VR and AR, the twin technologies that let you experience things in virtual, that are extremely close to real, are today being used by businesses of all sizes and shapes. But the underlying technology can be quite complex. Medical students use AR technology to practice surgery in a controlled environment. VR on the other hand, opens up newer avenues for gaming and interactive marketing. Whatever your interest might be, AR and VR are must-have skills if you want to ride the virtual wave!

### 4) Cloud Computing:

AWS Solution Architect Training – Explore the Curriculum to Master AWS. This one is a veteran. Most other technologies on this list are alive only because of the proliferation of cloud computing. By allowing companies to save money, and users to simplify their computing needs, Cloud Computing is one of the most trending technologies that will stay popular in 2019, without a doubt.

### 5) Angular and React:

Angular and React Training – Explore the Curriculum to Master Angular and React. OK, now we are getting into core tech. Angular and React are JavaScript based Frameworks for creating modern web applications. Using React and Angular one can create a highly modular web app. So, you don't need to go through a lot of changes in your code base for adding a new feature. Angular and React also allows you to create a native mobile application with the same JS, CSS & HTML knowledge. Best part – Open source library with highly active community support.

### 6) DevOps:

DevOps Training – Explore the Curriculum to Master DevOps tools. This is the odd one out in the list. It is not a technology, but a methodology. DevOps is a methodology that ensures that both the development and operations go hand in hand. DevOps cycle is picturized as an infinite loop representing the integration of developers and operation teams by: automating infrastructure, workflows and continuously measuring application performance.

#### Secrets of Success

Failure is the key to success; each mistake teaches us something.

-Morihei Ueshiba

In order to succeed, your desire for success should be greater than your fear of failure.

-Bill Cosby

### Seminar

About: Cyber Security Seminar by TCS

Organizer: ITSA

Where: VIT

When: 05<sup>th</sup> October 2019

### Elective Orientation

About: SEM 6 Elective Orientation for TE students

Organizer: INFT

Where: VIT

When: September 2019

### Review

About: Department Level BE Project Review

Organizer: FYPQA

Where: VIT

When: September-October 2019

### Elective Orientation

About: SEM 8 Elective Orientation for BE students

Organizer: INFT

Where: VIT

When: September 2019

### Seminar

About: Alexa

Organizer: ACM

Where: VIT

When: 5<sup>th</sup> October 2019

## Student Speak—Journey at VIT

After clearing certain cutoff from 12th grade, for the first time, I visited VIT. A place where I was amazed by the creative infrastructure and helpful guidelines by the professors. Being a part of VIT I have developed innovative thinking skills that never restricted me to the university-driven syllabus. Since I'm Class Representative, because of this responsibility I've grossed with team handling capabilities and have become a motivated participant of cultural, sports and other extracurricular activities held around the college campus. The life in VIT for me was never burdened with assignments because presentations and seminars were taken as a base to develop communication skills and learn technical concepts. Mini-projects of every lab were never a part of submission rather was an opportunity to learn a subject model from scratch and develop things in practical. The achievement appreciation in our college was never for an individual who tops the semester but also for teams of a project through many project competitions. Traveling in Mumbai locals was never an issue as visiting this happening environment use to make my day. This journey is about to end soon much to take back from day to the moon. Like others, before entering VIT I was prepared for engineering but what after it was a bit confusing. Our college helped and drive all of us to a clear vision of what after VIT and what next to live life. The college professors taught us not just the subjects but also the soft skills and way to groom out to be the best professionals. The scope of thinking out of the box was always entertained in VIT. I have such a wonderful experience with VIT that I can always refer our college to friends, family members, and people around me. I m very proud and happy to be a VITian.

Sayali Tambe, BE IT-1 (Batch: 2016-2020)



## Student Achievement:

VIT congratulates Mr. Hitesh Solanki, BE-INFT 2019 pass-out student for been selected for Indian army as officer through SSC tech 53(technical entry) from service selection board Bhopal. Entire department is very happy for his achievement and wishes best of luck for future ahead.



## Go The Distance

**Event in the City:** National Workshop on "Expo Info Design"

**Venue:** IIT-Bombay

**Date:** 21<sup>st</sup> to 23<sup>rd</sup> November 2019

**Time:** 9.30 am to 5.30 pm

**Event in the City:** Designing for Children with focus on 'Play and Learn'

**Venue:** IIT-Bombay

**Date:** 06<sup>th</sup> to 08<sup>th</sup> December 2019

**Time:** 9.30 am to 5.pm

### Editorial Team

Compiled & Edited by - Prof. Ichhanshu Jaiswal