Message from Department	Faculty Contributions	Student Portfolio	Industry Interaction

HOD: Dr. Nupur Giri

The Editorial Team

Dr. Gresha Bhatia

Mrs. Pallavi Saindane

Sanjay Udasi

Sumit Gagnani

Message From The Department

Mrs. Anjali Yeole

"Success to me is being a good person, treating people well."

-David LaChapelle

Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and our department is the perfect amalgamation of both. During every semester, the calendar of events is prepared, which implicitly incorporates all the curricular and extracurricular activities of the department and is followed meticulously without any deviation. Computer department has yet again succeeded in providing the students with a meticulously and carefully planned mix of academics and extra-curricular through which all students and staff has proved yet again that, it's not just studies that we excel in, but every single endeavor that we choose to do.

My pride rests in the newsletter of Computer Engineering Department "Parikhya– A computation of dreams", which highlights the academic and non-academic activities of both staff and students of the department.

Vision of the Department

To reach international standards by empowering students with computing skills and cutting edge technology.

Mission of the Department

To sustain excellence in teaching and research and create centre of excellence. To provide broad Educational and Research experiences through interdisciplinary and industrial collaboration programs.
To prepare students to enter the world of computing and make them ready for productive employment in the public or private sectors, enhance their entrepreneurship skills and motivate them to pursue advanced degrees.

Faculty Contributions
Orientation Programs Conducted

Python and Perl

Mrs. Anjali Yeole

KJ Somaiya, sion
8th January 2018

OS and OS Lab

Dr. Nupur Giri

Pillai College of Engineering
10th January 2018

Computer Graphics

Dr. Gresha Bhatia

Vidyalankar College of Engineering
12th January 2018

Courses Conducted

Cloudera Academic Training for Apache Hadoop

Mrs. Sujata Khedkar

VESIT

10th January 2018 – 19th January 2018

Project Orientation

Dr. Nupur Giri

St. Francis Institute of Technology

28th Feb 2018

Introduction To Programming

Prof. Prashant Kanade

VESIT
For EXTC Third Year Students

3rd April 2018

Data Structures

Prof. Abha Tewari

VESIT
For EXTC Third Year Students

6th April 2018

Courses Attended

Two days national seminar on "Technologies for Development of Rural Areas"

Mr. Prashant Kanade, Mrs. Lifna C. S., Ms. Kajal Jewani

SPIT, Andheri on 27th and 28th Nov 2017

STTP on "Cloud Computing of Information Technology"

Dr. Nupur Giri

Terna Engineering College

2nd - 6th January 2018

STTP on "Machine Learning"

Dr. Gresha Bhatia

Father Agnel College, Vashi

2nd – 6th January 2018

Orientation Program of Analysis of Algorithms

Yugchhaya Dhote and
Swati Sharma

RAIT

8th January 2018

Orientation Program of OS and OS Lab

Sheetal BalSaraf

Pillai College Of Engineering

10th January 2018

Orientation of Computer Graphics

Arthi C. I.
Sonali Bapte

VIT

12th January 2018

Two-days workshop on "Innovative practices in Teaching and Learning"

Sunita Suralakar

Shah & Anchor College Of Engineering
on
19th & 20th January 2018

Ms. Sayali Baxi
1] Online Course of Cloud Computing at Amazon Web Service on 17th January 2018
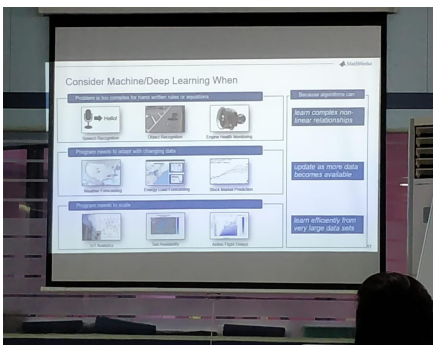2] Online Course For Python by Green Chameleon and Udemy on 25th January 2018
3] FDP on Perl and Python At Fr.Conceicao Rodrigues College of Engineering on 12th & 13th January 2018

Minor Research Grants

Sr. No	Name of the Faculty	Domain of Minor Research	Sanctioned Amount
1	Dr. (Mrs.) Gresha Bhatia	IOT & ML	₹ 40,000
2	Mrs. Sujata Khedkar	Data Science and ML	₹ 30,000
3	Mrs. Anjali Yeole	Network Security	₹ 40,000
4	Mr. Richard Joseph	IOT,ML and Data Science	₹ 40,000

Research Forum : Expert Talk

1. "Formal Verification and its Applications" by Dr. Ashutosh Gupta, Reader, School of Technology and Computer Science, TIFR, Mumbai on 8th February 2018

2. "Mathworks 1-day session on various Matlab toolboxes like big data analysis, Machine learning, IoT, Signal Processing." by Mr. Amit Doshi ,Sr. Software Engineer from Mathworks and his team from DesignTech Systems Ltd Pune, 23rd March 18

Research Paper Publications

39 research papers were published by various faculty members of Computer Engineering Department.
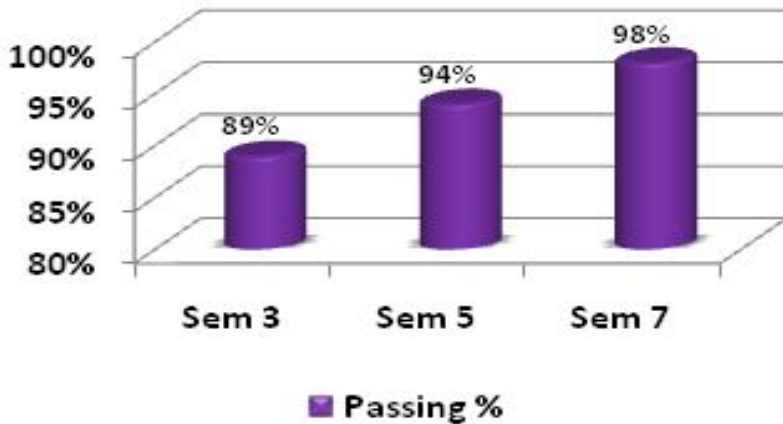
University Interactions

1. More than 12 faculty members are involved in syllabus & paper setting of SE, TE, BE of Computer Engineering stream.

2. Department conducted Convocation Ceremony for 2016-17 Batch on 10th March 2018

Research Related Activities

Student Portfolio

Computer Engineering CBSGS Pass Percentage Odd Sem Result 17-18

Pass Percentage for the academic year 2017-18 (Odd Sem)

Placement Statistics

- 80.29% of eligible students got placed till date with highest salary being 8.3 lacs per annum.
- 37 Students got admitted for higher studies in various Indian and Foreign Universities.

Placement Related Activities

Aptitude Test & Verbal Ability Test conducted as Campus Readiness activity For Third Year Students on 8th January and 26th March 2018

Campus Readiness Sessions Conducted for Third Year Students on 9th &23rd February 2018

Project Innovations-Technology Day

BE Project Competition

1st Prize

ML Based Object Positioning for visually Impaired

Abhishek Mehta
Twinkle Motwani
Rohan Shende
Sejal Gianani

2nd Prize

Vehicular Traffic Abatement

Pavan Chatpar
Nimesh Doolani
Aysha Jagyasi
Sumeet Shahani

2nd Prize

Home Automation Using Panoramic Image using IOT

Chetan Gupta
Prasanna Biswas
Piyush Gidwani
Mohit Chothwani

3rd Prize

e-Classroom

Shivani Valecha
Priyanka Wadhwani
Nikhil Vatwani
Vijay Kataria

3rd Prize

Identification Analysis and Prediction of Waterlogged areas

Abhijeet Bhattacharya
Shripad Laddha
Nitin Pandey
Neeraj Premani

Buzzpro-Technical Paper Contest

1st Prize & Best Innovation

Language Learning Device For Blind People

Harsha Tolani
Sumeet Sarode

2nd Prize

Finger Vein Recognition System

Prashant Aswani
Nitin Aswal

Best Presentation

Real Time Early Response System For Safety

Rushabh Singh
Mohit Sajnani

App Launch

1st Prize

Golden Hour Response

Sumi Neogi
Karan Patowary
Pritesh Narkar
Shashank parande

2nd Prize

Data Science IOI

Vivek Sohal
Nikhil Dalvi
Miten Solanki
Saurabh Tripathi

Project Innovations-Technology Day

spRdh-Engage,Perform and Compete Through Project Ideas

1st Prize

Mineseeker

Anirudh Roy
Sanket Paratkar
Shashank Parande
Aditya Pathak

1st Prize

Cardiac MRI Segmentation using Deep Learning and Image Processing
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Raksham Pandey
Nayan Jain
Gayatri Shinde

2nd Prize

CuraTech:Online Health Consultancy

Rahul Shamdasani
Sagar Raisinghani
Deepa Chanchlani
Priyanka Narwani
Mahima Motwani

2nd Prize

Smart Transport: A luggage carrying user following robot

Sanket Paratkar
Nishit Ahuja
Smit Gangurde

3rd Prize

VESITLang

Yash Jain

Mini Hackathon

1st Prize

Share Wallet

Rahul Jaisinghani
Vinay Bhatia
Lakhan Rangwani
Pritee Wadhawa

2nd Prize

FoodShare

Rushabh Singh
Adarsh Shetty
Bhavik Jain
Kshitij Sutar

3rd Prize

Traffic Master

Gaurav Jethwani
Dhiren Motwani
Mahek Katra
Karan Bulani

3rd Prize

InBudget

Varsha Sawlani
Dipen Chawla
Disha Mohnani

CoDe cELL

87 Students participated in 20 hours hands on workshop on "Python and R" in collaboration with Star Certification, conducted by Ms. Mukesh Yadav and Mr. Richard Joseph from 19th to 28th February 2018

Code-A-Thon

1st Prize

Youth Quakers

Stevert Lobo
Ishma Amin
Aditya More
Aditya Mane

2nd Prize

AAPK

Ariscia Mendes
Abhiruchi Bhattacharya
Padmaja Borwankar
Kasturi Kumbhar

3rd Prize

!alone

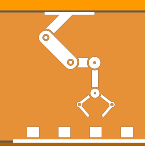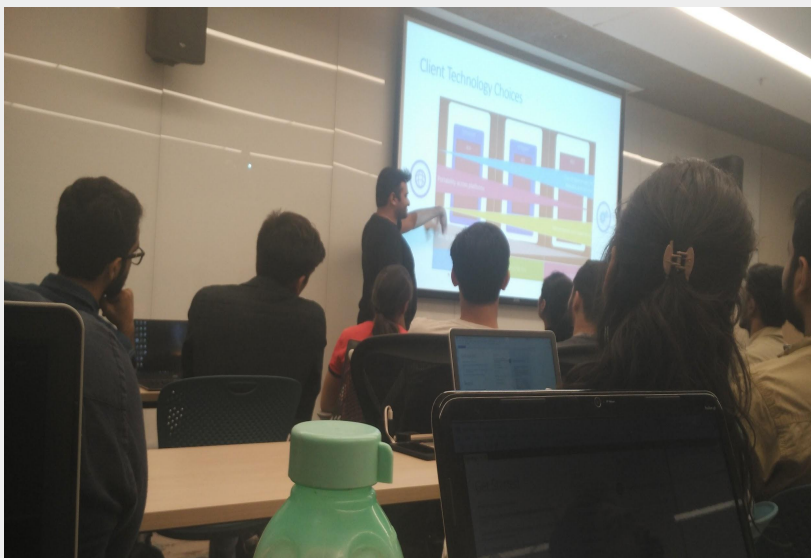Nitin Pandey

Industry Interaction

An industrial visit for second year and third year students on 4th January 2018 to Sudhir Power and RR Kabel, Silvasa on 5th January 2018.

The Industrial Visit for third year students organized at One Indiabulls Centre,Lower Parel, by Prof.David Wittenberg ISDI Parsons and Anjana Vinod Kumar,ISME Mumbai on 17th March 2018.

An industrial visit for third year students at Microsoft India Pvt Ltd, Kalina Santacruz(E), Mumbai on 16th March 2018

Skill Enhancement Lectures

"Microsoft Azure", Mr. Almendu Chaudhary, Principal Engineer, Deibold for the subject cloud computing For final year student on 10th February 2018 .
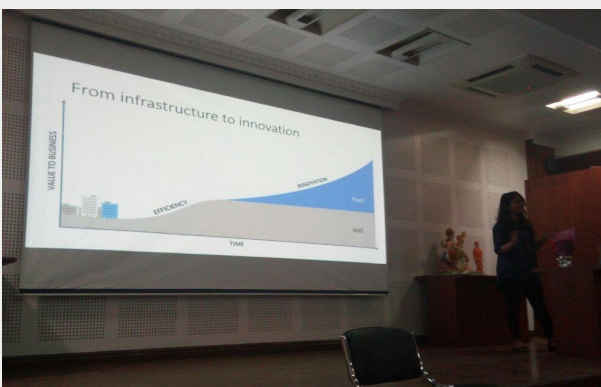

"Training The Dragon"
Mrs. Shilpa Karkeraa, CEO & Founder Myrra Technologies,for the subject ML for final year students on 28th February 2018.

"Distributed Systems using Docker in Dev-Ops ", by Mr.Mohan Pawar, Dev-Ops Engineer, Style Lab Info Solutions, for the subject PDS for Final year on Ist March 2018

"Cellular Mobility & practical aspects in mobile communication, by Mr. Tushar Walunj, Senior Manager- ASG (Mobility), Vodafone for 3rd year students for the subject "Mobile Communication and Computing" on 3rd March 2018.

"Microsoft Bot framework",by Ms.Prachi Kushwah, Microsoft for 3rd year students for the subject "System Programming & Compiler Construction ", on 19th March 2018.

"Django Web Framework" by Ms. Sayali Yeole,Microsoft,Founder and workshop Co-ordinator,Fosliply Consultancy Service for the subject OSTL for second Year Students on 27th March 2018.

Certification Programs

- 40 Students have registered for Oracle Certification Program.
- 14 Students have registered for Star Python Programming Certification Program.
- 114 students & 4 faculties have registered for Microsoft Certification Program .

NPTEL Video Lectures

Total 21 NPTEL Video Lectures have been conducted for various classes for various subjects like AOA, COA, CG, OS, SE, OR, NPL, HMI.

Inter College Competitions

Hackathon

Jitesh Watwan

3rd Rank

VJTI

17th-18th February 2018

EYantra Ideas Competition

Nikhil Vatwani, Shivani Valecha, Priyanka Wadhwani, Vijay Katari
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Top 5 & qualified for National Final

KJSCE

27th Feb. 2018

National Finals, eYantra Ideas Competition

Nikhil Vatwani,
Shivani Valecha, Priyanka Wadhwani, Vijay Kataria

Winner under "Most Realistic" category

IIT-Bombay

23rd-24th March 2018

Project   Competition

Chetan Gupta , Mohit Chothwani, Prasanna Biswas, Piyush Gidwani
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2nd Prize

St. Francis Institute Of Technology

7th April,2018

Scholarships Received

Total number of students : 51

Received scholarships from :

1] Student Aid Scholarship   : 06   15000/-each

2] VES Jyoti Scholarship   : 01   30000/-each

3] Geeta Israni Foundation Scholarship: 02   10000/-each

4]Suman Tulsiani Charitable Scholarship: 42   9000/-each

Winter Industry Internship

Total number of internships : 19

1]VESIT Renaissance Cell

2]SMECorner Pvt. Ltd.

3]Audera Infra. Ltd.

4]Catseye System And Sol.Pvt. Ltd

5]Static Codes

6]Techskill IT Solution

7]Codebin

8]CRY-Child Rights And You

9]Vimersia Media Technologies Pvt. Ltd.

Alumni Interactions

A session on " IOT- future ahead " conducted by Mr. Prateek Pathak from ISOC for TE students on 31st March 2018

Ms. Manasi Karale, Mr, Shashank Salian, Mr. Kashyap Kotak, Ms. Heena Ramrakhyani from JPMC
On 10th March 2018

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Mr. Sagar Bhojwani from IVP
On 10th March 2018

🏆Congratulations🏆

Engg students develop app for farmers

Kranti Vibhute
kranti.vibhute@dnaindia.net

Computer engineering students from the Vivekanand Education Society's Institute of Technology (VESIT) have developed an app named 'Agronomists' which will educate farmers on growing medicinal and aroma crops

The app has also won the a winner's prize money of Rs 1 lakh in the Smart India Hackathon 2018 held at the NCL (National Chemical Laboratory) in Pune.

The team of enthusiastic students came up with the idea as they were looking for a solution to unite the farmers, entrepreneurs, industrialists and scientists to fuel the growth of medicinal and

For representation

aroma industry. The multilingual app has an English language interface and the integration of Marathi and Hindi interfaces are underway.

Sanket Paratkar, leader of the team of developers said, "A farmer knows how to grow normal crops like wheat, jowar, bajri, cotton or even

Planting cash crops have led to farmers losing money which has led to bankruptcy. India has also seen a rise in farmer suicides. Hence, this can be a solution.

Sanket Paratkar,
Engineering student

sugar cane etc. But most of them don't know how to grow medicinal or aromatic plants. Planting cash crops have led to farmers losing money which has led to bankruptcy. India has also seen a rise in farmer suicides. Hence, I feel that medicinal and aromatic plants can be a solution.

There are a lot of demands of these crops from pharmaceutical companies and medicine companies. Hence we decided to make this app."

Answers to questions on the suitable climate, the type of agricultural land, the market where the crops can be sold will be made available to the farmers with the help of scientists and experts from the government.

The app will also have a chatroom segment where the buyers and sellers will be able to communicate with each other.

Prof. Manisha Gahirwal, mentor of the team, said, "The best part is that we are providing the market trends of the last five years."

Article in DNA India [Mumbai], 17th April 2018, Pg. No. 3.

Sanket Paratkar, Deepa Narayan, Nikhil Dalvi, Akash Birari have won the Ist prize in Smart India hackathon on 31st March 2018 at Science and Technology NCl Pune under the guidance of Prof. Manisha Gahirwal. The team was awarded By Dr. Vijay Bhatkar , Chancellor of Nalanda University and Founder Of C-DAC.

Nikhil Watwani, Shivani Valecha, Vijay Kataria, Priyanka Wadhawani participated in E-Yantra Ideas Competition (eYIC 2018) and received prize of Rs 33,000.

Deepesh and Abhishek from Third year won Ist prize in IoT competition at IIT Roorkee under the guidance of Prof. Priya R.L.
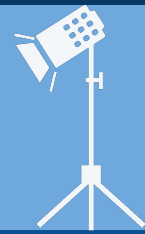
🏆 Congratulations 🏆

Bhavik Dand, Aditi Sawant, Kajol Chawla won Zonal level Avishkar Research
Project Competition 2017-18 at RAIT Nerul on 29th December 2017

Himanshu Rawlani, Rahul Shetty, Tejas Mankar under guidance of Prof. Lifna C. S.
participated in ACM-ICPC Asia Amritapuri Double Site Regional 2017 at Amrita
School of Engineering, Amritapuri, Coimbatore.

Wall Of Fame

Mahak Pancholi has secured All India Rank 22 in GATE 2018.

Anirudh Roy secured 3rd position in the event DRONA conducted as a part of IRIS 2017 at Indian Institute of Management, Indore.

Deesha Ramchandani and Amruta Parab were part of VESIT dance group. It has won six competitions.

1. Nrityadhara 2018 - K.J. Somaiya Medical College on 1st March 2018- 1st Position
2. Ballismus 2018 - HBT Medical College, on 4th March 2018 - 1st Position
3. Footloose 2018 - K.J. Somaiya Institute of Engineering and Information Technology, 8th MArch 2018 - 2nd Position
4. Tatva Moksh Lakshya 2018 - SIES Graduate School of Technology, on 10th March 2018 - 3rd Position
5. Aarambh 2018 - Topiwala National Medical College, 15th March 2018 - 1st Position.
6. Astitva 2018 - Grant Govt Medical College, 20th March 2018 - 3rd Position