Message from the Department

Mrs. Priya R. L.

"It gives me immense pleasure to be a part of 'Parikhya' newsletter, published biannually by Computer Engineering Department of VESIT. You all agree with me that there is an exponential growth of technology in recent years. Although, VESIT provides various opportunities for our young engineers, there are enormous challenges to be addressed. It is essential that young engineering graduates must be aware of the   challenges so that they develop their potential to excel in their career.

"Never limit your challenges, always challenge your limits."

It is more about thinking creatively and generating innovative solutions to the real-world problems. I believe that VESIT education triggers such trait in our buddy computer engineers and unleash the power of creativity to achieve the unachievable. I congratulate entire staff and student team of 'Parikhya' for their untiring efforts for publishing this newsletter."

Our Vision

To create center of excellence in computing by imparting quality education for developing competent professionals.

Our Mission

To provide enabling environment through excellence in teaching & learning to contribute towards industry and society.

To promote and strengthen interdisciplinary approach in innovation, creativity and research.

To facilitate productive employment and higher studies with entrepreneurial attitude and professional ethics.

What's Inside

Faculty Contributions

Student Portfolio

"Arise, awake and do not stop until the goal is reached." — Swami Vivekananda

Faculty Contribution

Courses Organized for faculty

FDP on "Lateral Thinking with TCS ", organized by VRC, VESIT on 27th Sept , 2019 .

STTP for Faculties on "Progressive Web App Development & Blockchain with ATS solution" organized by VRC, VESIT during 1st July 2019 - 6th July 2019.

Faculty Contribution

- **Courses Organized for Faculty**
- **Workshops / Courses Conducted**
- **Workshops / Courses Attended**
- **Skill Development Activities**
- **Research Forum Activities**
- **Research Projects**
- **Paper Publications**
- **Patents Registered**
- **Industry Interactions**
- **Societal Activities**

Workshop / Courses Conducted

- 'Orientation on Advance System Security & Digital Forensics' conducted by Dr. Anjali Yeole.

- 'Cloudera Academic Training for 'Apache Hadoop with Spark ' , 'Expert session on Big Data Analytics' conducted by Mrs. Sujata Khedkar.

- 'Session on C- programming for Third Year students (ETRX)' conducted by Mrs. Pooja Nagdev .

- 'Hands-on IoT Workshop' conducted by Mr. Richard Joseph organized by Atharva College.

- 'IoT Workshop for SE Students' conducted by Mr. Richard Joseph, Mrs. Mansi Talreja, Ms. Suvarna Bhatsangave, Mrs. Richa Sharma, Mrs. Rohini Sawant, Ms. Veena Trivedi.

- 'Social computing and CRM' conducted by Dr. Gresha Bhatia.

Workshops / Courses Attended

- 'Orientation of Mobile Computing and Communication' attended by Dr. Mrs. Nupur Giri, Mrs. Sharmila Sengupta, Ms. Sunita Suralkar, Mr. Richard Joseph.

- 'FDP on Lateral Thinking by TCS' attended by Dr. Mrs. Nupur Giri, Dr. Mrs. Gresha Bhatia, Mr. Prashant Kanade, Dr. Mrs. Anjali Yeole, Mrs. Vidya Zope, Mrs. Priya R L, Mrs. Lifna C S, Mrs. Abha Tewari, Mrs. Abha Tewari, Ms. Sunita Suralkar, Ms. Rupali Hande, Mrs. Sujata Khandaskar, Mrs. Sunita Sahu, Mr. Richard Joseph.

- ISTE Approved STTP on 'Progressing Web App Development & BlockChain' attended by Dr. Mrs. Nupur Giri, Dr. Mrs. Anjali Yeole, Mrs. Priya R L, Mrs. Abha Tewari, Mr. Richard Joseph.

- Seminar on 'New Dimensions of NAAC Accreditation: Revisiting the SSR and AQAR in the Revised Accreditation Framework' attended by Dr. Mrs. Nupur Giri.

- 'Orientation of Management of Information Systems' attended by Dr. Mrs. Gresha Bhatia, Mr. Prashant Kanade, Ms. Kajal Jewani.

- One week STTP on 'Management of Information Systems' attended by Dr. Mrs. Gresha Bhatia, Ms. Kajal Jewani.

- 'Orientation of Big Data Analytics' attended by Mrs. Sujata Khedkar, Dr. Mrs. Anjali Yeole.

- 'Orientation of Digital Signal & Image Processing' attended by Mrs. Sharmila Sengupta, Mrs. Indu Dokare, Ms. Rupali Hande.

- 'FDP by TCS' attended by Dr. Mrs. Anjali Yeole.

- 'Orientation of Artificial Intelligence & Soft Computing' attended by Mrs. Priya R L, Mrs. Lifna C S, Mrs. Abha Tewari, Mrs. Sunita Sahu.

- 'Google Cloud Workshop' attended by Mrs. Priya R L.

- 'Student Solar Ambassadors Workshop' attended by Mrs. Pallavi Saindane.

Skill Development Activities

Certification Exams

NPTEL
⇒ Mr. Prashant Kanade has completed an NPTEL course on 'Patent writing for Beginners'.
⇒ Mrs. Abha Tewari has completed an NPTEL course on 'Database Management Systems'.
⇒ Mrs. Mannat Doultani has completed an NPTEL course on 'Database Management Systems'.
⇒ Mrs. Mannat Doultani has completed an NPTEL course on 'Introduction to Research'.
⇒ Mrs. Vidya Zope has completed an NPTEL course on 'Development Research Methods'.

Microsoft
Dr. Mrs. Anjali Yeole, Mr. Richard Joseph, Mrs. Pooja Nagdev, Mrs. Abha Tewari, Mrs. Priya R L, Mrs. Richa Sharma have attended 'Microsoft certification training in CPMA (Cross Platform Mobile Application)'.

Others
⇒ Mrs. Sunita Suralkar has completed course on 'Deep Learning, a 5-Course Specialization by Deep Learning AI'
⇒ Mrs. Pallavi Saindane has completed course on 'R Programming A-Z: R For Data Science With Real Exercises!' .

Research Forum Activities

Expert Talks

Mr. Devesh Rajadhyax, Dr. Ketan Bahulkar, Founder & CEO, Cerelabs Pvt. Ltd. conducted an expert talk on **'Intelligent Systems and AI'** on 2nd Aug 2019.

Mr. Rahul Pandhare, Senior Manager, Capgemini conducted an expert talk on **'Blockchain'** on 9th Oct 2019.

Research Project Proposals

Microsoft AI for Earth Grants :

- Mrs. Priya R.L. received a compute grant worth $10000.
- Mrs. Abha Tewari and Mrs. Vidya Zope received a compute grant worth $10000.

Minor Research Grant Proposals :

Total **: 15**

VES Innovation Cell Proposal :

Total **: 10**

Paper Publications

15 papers were published in reputed International Journals and Conferences.

"Have faith in yourselves, great convictions are the mothers of great deeds." — Swami Vivekananda

Patents Registered

Ref. No.-201921031929
App. No-TEMP/E-1/33715/2019-MUM,
Date/Time :2019/08/07
CBR No. 17332
Dr. Nupur Giri, Siddharth Dekhane,
Kaushik Vishwanath, Kaushal Mhalgi.

"A system and method for blockchain based Energy Trading"

Area : BLOCKCHAIN

Ref. No.-201921034418
App. No-TEMP/E-1/36408/2019-MUM,
Date/Time :2019/08/27
CBR No. 18679
Dr. Nupur Giri,Ankit Dalal, Abhishek Chabra, Namita Nair

"A method and system for of rating and reward distribution on decentralized blockchain platform"

Area : BLOCKCHAIN

Industry Interactions - Microsoft AI for Earth

14th-16th May 2019: Dr. Nupur Giri has received sponsorship of Rs. 1,37,467.24/- to attend summit at Redmond, Seattle ,USA.

14th-17th Oct 2019: Dr. Gresha Bhatia has received sponsorship appr. of Rs. 1,35,000/- to attend summit at Redmond, Seattle, USA.

Societal Activities under Unnat Bharat Abhiyan

Village Visited : Ambiste Khurd,   Tal-Vada, Dist-Palghar

Name of Faculty Members : Dr. Gresha Bhatia, Mrs. Indu Dokre

Name of Students: Manish Shinde(D12C), Dimple Nachnani(D7C)
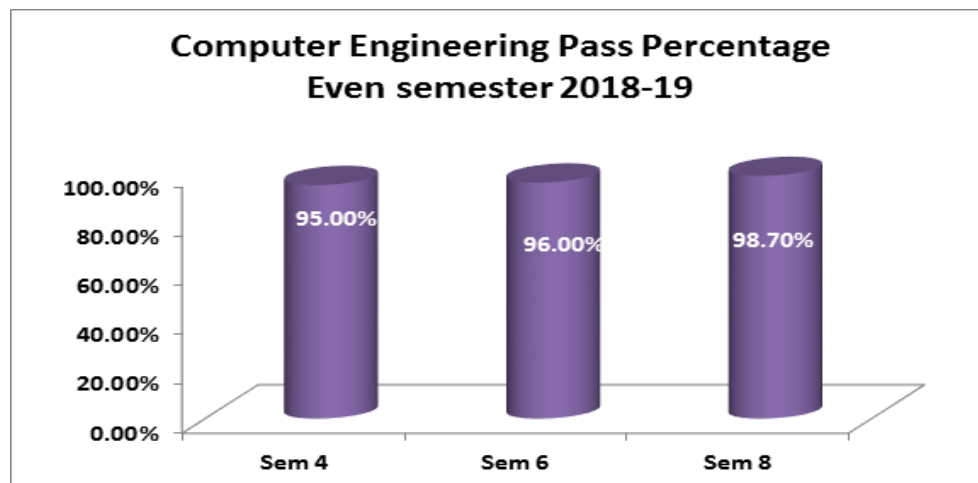
Date of Visit : 26 Sep, 2019

Student Portfolio

Academic Excellence

Computer Engineering Pass Percentage
Even semester 2018-19

	95.00%	96.00%	98.70%
	Sem 4	Sem 6	Sem 8

Placements Statistics and Higher Studies

Placements

The process of placement started in July 2019 with dream companies like JP Morgan & Chase - CFG, Indus Valley Partners (IVP), Interactive Brokers, Institutional Shareholder Services (ISS), MAQ software, Justdial, Carwale.com, Quantiphi, Dolat Capital, KPMG etc. followed by our major recruiter Accenture.

accenture
JPMorganChase
Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING
L&T Infotech
Indus Valley Partners
MAQ Software

84.41 % of eligible students got placed till date.

Highest salary offered is 14 Lacs/ Annum.

104 students got the dream job offers.

33 companies visited the campus till the date for Computer Engineering stream.

"God is to be worshipped as the one beloved, dearer than everything in this and next life."

— Swami Vivekananda

Higher Studies

During academic year 2018-2019 , **40 Students** got admitted for higher studies in various Indian and foreign universities like University of Illinois, Chicago , University of Southern California, Northeastern University, University of Texas Dallas, Arizona State University, Ku Leuven, Belgium, University of Maryland, State University of New York, Stony Brook, IIT Madras, Northeastern University Khoury College of Computer Sciences, IOWA State University, Indiana University, Bloomington, etc.

Code Cell Activities (Google Cloud Study Jams)

Conducted on 4th October 2019, for COMPS - 2nd | 3rd year, IT and MCA department. approximately 100 students participated, Speakers : Divyansh Chaurasia (DSC lead), Akanksha Bhasin (DSC lead)
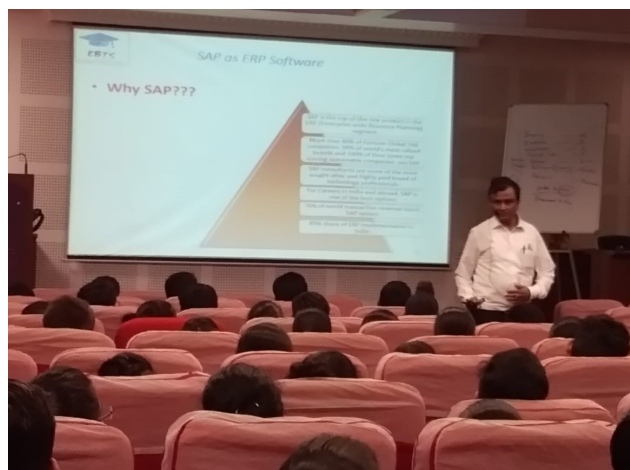
Value Added Courses (IoT)

30Hrs. workshop was conducted during August to Oct 2019 for 2nd year CMPN students. Approximately 80 students participated in the workshop.

"You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul."   — Swami Vivekananda

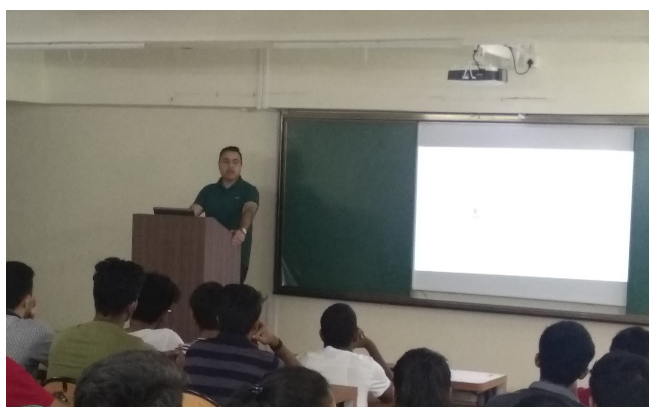# Skill Development Activities

Skill Enhancement Lectures (SEL)

"ERP - SAP" by Mr. Arunjeet Choudhary, EBTS, on 31st August 2019, for third year students.

"Artificial Intelligence - What Future Holds for India?" By Mr. Mahesh Kshirsagar, CTO, Analytics & Insights, TCS, Mumbai on 27th July 2019, for final year students.

"Different Roles in IT", by Manish G, on 2nd August 2019, for second year students.

"DevOps" by Mr. Mohan Pawar, Continuum, on 12th October 2019, for third year students.

National Programme on Technology Enhanced Learning (NPTEL)

Total of 3 NPTEL Lectures were conducted :

- Digital Logic Design and Analysis for Second Year Students.
- Database Management Systems for Third Year Students.
- Theory of Computer Science for Third Year Students.

"Talk to yourself once in a day.. otherwise you may miss meeting an excellent person in this world." -

— Swami Vivekananda

Certification Programs

NPTEL Certification

508

Oracle Certification

229

Microsoft Certification

42

Project Innovations

Institute Innovation Cell

03

AICTE Vishwakarma Award

01

Bouyancci Award

01

E-Yantra Projects

10

Deep Blue

06

Industry Projects

Sahara

(NAB, Worali)

- - - - - - - - - - - - - - - - - -

Dhaval Bagal,

Amey Pimple,

Rahul Devadiga,

Shreya Patil

MENTOR

Prof. Sharmila Sengupta

AI Based Contract Paper Analysis (Cerelabs)

- - - - - - - - - - - - - - - - - - - -

Chinmay Patil,

Sushnt Patil,

Dhiraj Chavan,

Komal Nimbalkar

MENTOR

Prof. Sharmila Sengupta

Detection of eye Tumor and It's Response to Treatment (PBMA's H. V. Desai Eye Hospital)

- - - - - - - - - - - - - - - - - - - -

Piyusha Bauskar

Pallavi Brahmapurkar

Omkar Morogiri

Gauri Sagane
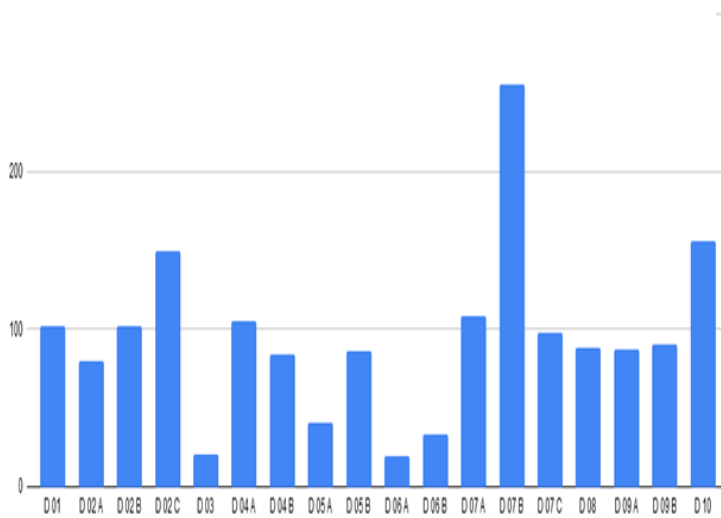
MENTOR

Prof. Priya R. L.

Internships

Industry Internships: Total **17** students attended internships in following companies Larsen & Toubro Infotech Ltd, TheTechIntern, CloudCounselage Pvt. Ltd., Majesco: Insurance Technology Systems and Solutions, Sense It out Intelligent Solutions PVT LTD, Konsultera Pvt. Lmt, Bhabha Atomic Research Centre , Reliance Life Sciences, Igmite Solutions Pvt Ltd .
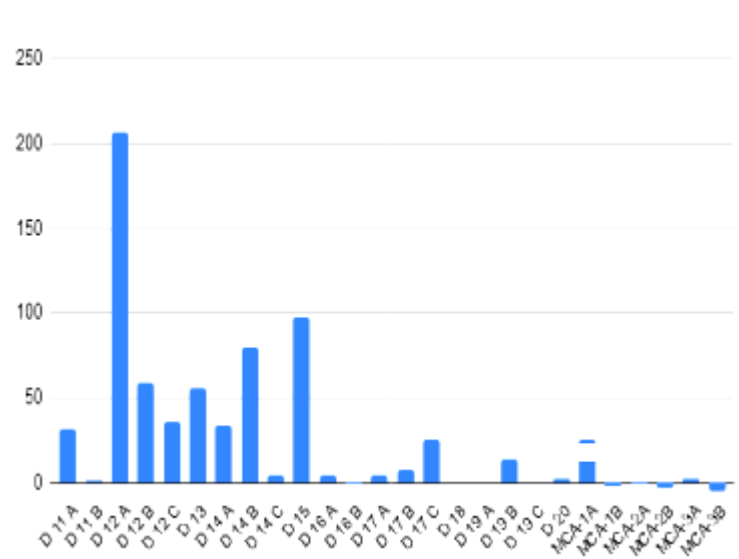
VESIT Internships: Total **44** students attended internship at VESIT Organized by VRC.

Co-Curricular Activities

Participation in Intra College Event

Winner of Praxis 2019 Junior Group : **D7B**

Winner of Praxis 2019 Senior Group :**D12A**

Participation in Inter College Events

JPMC CFG

WINNER	WINNER	RUNNERS UP	1'ST RUNNER UP
Jay Rajput	Ajay More	Amruta Parab Grishma Gurbani Kajol Chawla	Ishma Amin

"The reason for every misunderstanding is that we see the people as we are but not as they are."

— Swami Vivekananda

Alumni Interaction: AT SEATTLE WASHINGTON (17th May, 2019)

International Achievements

Manas Mangaonkar student of third year got opportunity to participate in Google Summer of Code 2019 (GSoC 2019). It was held in May 27, 2019 to August 19, 2019.

Manas Mangaonkar from third year got opportunity to participate in Flock to Fedora 2019 sponsored by Red Hat.

Sanket Gokhale and Rishil Kirtikar from final year attended Ninth International Workshop on Climate Informatics (CI 2019) which took place from October 2, 2019 to October 4, 2019 at the École Normale Supérieure in Paris, France.

THE **LINUX** FOUNDATION

1 Letterman Drive
Building D Suite D4700
San Francisco, CA 94129
tel/fax. 415.723.9709
www.linuxfoundation.org

September 20, 2019

Dear French Embassy:

The Linux Foundation is pleased to invite the following delegate to speak at Open Source Summit + Embedded Linux Conference Europe 2019.

Event Name: Open Source Summit + Embedded Linux Conference Europe 2019
(https://events.linuxfoundation.org/events/embedded-linux-conference-europe-2019/)

Event Date: October 28 - October 30, 2019
Event Location: Lyon Convention Centre, 50 Quai Charles de Gaulle, Lyon, 69463, France

Name: Sladyn Nunes
Passport number: R2718537
Date of Birth: Nov 09, 1998
Country of Birth: India
Company: Linux Foundation
Title: Intern
Phone Number: +91 9892916026
Address: Amparo Housing Society Flat no 20, Vidyavihar Road, Opposite Kohinoor Mall, Near Amar Nagar , Kurla (West) Mumbai, Maharashtra 400070 India

Sladyn Nunes, student of final year Computer got an invite from the Linux Foundation as a delegate to speak at Open Source Summit + Embedded Linux Conference Europe 2019. It was held during October 28 - October 30, 2019.

Staff In charges

Dr. Mrs. Anjali Yeole

Mrs. Pallavi Saindane

Editorial Team

Smith Gajjar
D12A

Hrithik Malvani
D12A

Jai Soneji
D12A

Sahil Rajpal
D12A

Rahul Koli
D7B

Abhay Gupta
D7B

Sadhvi
Gannuwala
D7B

Shrishti Vazirani
D7B