



# VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY

## Department of Computer Engineering

### परिख्य

A Computation of Dreams

April 2020 • Issue 11

## Message from the Department



Mrs. Lifna C.S.

***"When it rains, look for rainbows,  
When it's dark, look for stars." - Oscar Wilde***

This quote caught my attention a few days back urging us to find beauty and hope in our lives as we live through these lockdown days. And thus, looking at the bright side of life, I see a ray of hope. This is an occasion for each one of us to rethink about the purpose of our life and destiny, to unearth our hidden creativity and to enhance our skills by enrolling in online courses of our interest. Let me take this opportunity to urge each one of you to think critically and come out with creative ideas to uplift our nation from this crisis.

I would like to thank the editorial team for compiling this newsletter during this lockdown period; by working tirelessly to gather the achievements of each and every student and faculty of our department. It emphasizes the team spirit that is inculcated in each and every stakeholder of our department, even though we are separated demographically.

## Vision of the Department

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

## Mission of the Department

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

उतिष्ठता जाग्रता प्राप्य

वरान्निबोधता

- Swami Vivekananda

# Faculty Contributions

- ◆ Workshops conducted for faculties
- ◆ Orientations conducted
- ◆ Workshops Conducted by faculty
- ◆ Courses Attended
- ◆ Skill Development Activities
- ◆ Outside Interactions
- ◆ Books Published
- ◆ Research Forum Activities

## Faculty Contributions

### Workshops conducted for faculties

One day workshop on "R" was organized at VESIT remote center on behalf of Teaching Learning Center, ICT IIT Bombay on 9th Nov 2019 funded by PMMNMTT, MHRD. Govt. of India. The workshop was coordinated by Dr. Gresha Bhatia (RCC) , Mrs. Abha Tewari (Co-ordinator ) , Mr. Ketan Gajare (Technical Staff )



### Orientations Programs Conducted



Orientations on "Distributed Computing & Distributed Computing Lab"

- ◆ Dr. Nupur Giri has conducted one day orientation of "Distributed Computing & Distributed Computing Lab" at VESIT on 15th January 2020.
- ◆ Mrs. Sunita Sahu has conducted one day orientation on "Distributed Computing Lab" at VESIT on 15th January 2020.
- ◆ Performance Computing & Computational Laboratory -II" at Terna Engineering College on 16th January 2020.
- ◆ Dr. Nupur Giri has conducted one day orientation of "High

## Workshops Conducted by faculty

- ◆ Mrs. Sujata Khedkar has conducted an expert talk on "IoT with Spark" at PVPP on 3rd Jan 2020.
- ◆ Mrs. Sujata Khedkar has conducted "Cloudera Training Developing with Spark" at VESIT 20th Jan-1st Feb 2020.
- ◆ Mrs. Priya R. L. has conducted a talk on tips on "Technical Paper Writing" at VESIT on 4th Feb 2020.

## Courses Attended

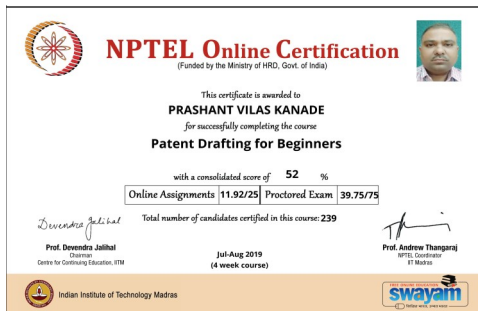
- ◆ Dr. Nupur Giri has attended one week STTP on "High Performance Computing" at RAIT, Nerul during 11th Nov-16th Nov 2019.
- ◆ Dr. Gresha Bhatia has attended orientation of "Human Machine Interaction SEM-VIII Computer Engineering" at TSCE, Bandra on 11th Jan 2020.
- ◆ Dr. Gresha Bhatia has attended one week STTP on "Natural Language Processing" at SAKC during 2nd Jan - 8th Jan 2020.
- ◆ Mrs. Sujata Khedkar has attended one week STTP on "Natural Language Processing" at SAKC during 2nd Jan to 8th Jan 2020.
- ◆ Mrs. Sujata Khedkar has attended an orientation of "Natural Language Processing" at SAKC on 8th Jan 2020.
- ◆ Mrs. Sujata Khedkar has attended orientation of "Human Machine Interaction SEM-VIII Computer Engineering" at TSCE, Bandra on 11th Jan 2020.
- ◆ Mrs. Sharmila S. has attended one week STTP on "Natural Language Processing" at Fr. CE, Vashi during 2nd Jan to 8th Jan 2020.
- ◆ Mr. Prashant Kanade has attended one Day workshop on "R" organized at VESIT RCC on behalf of Teaching Learning Center, ICT IIT Bombay on 9th Nov 2019.
- ◆ Mr. Prashant Kanade has attended orientation of "Entrepreneurship Development and Management" at Rizvi College on 14th January 2020.
- ◆ Dr. Anjali Yeole has attended orientation of "Distributed Computing & Distributed Computing Lab" at VESIT on 15th January 2020.
- ◆ Dr. Anjali Yeole has attended Seminar on "Pharmacy Perspective of Revised NAAC" at VES College of Pharmacy on 1st Feb 2020.
- ◆ Dr. Anjali Yeole has attended 40 hours of training on Star Expert IoT Specialist (SEIS) R2.0 and cleared with 77% during 23 March – 2 April 2020.
- ◆ Mrs. Vidya Zope has attended one week STTP on "Natural Language Processing" at SAKC Chembur during 2nd - 8th Jan 2020.
- ◆ Mrs. Vidya Zope has attended the orientation of "Natural Language Processing" at SAKC Chembur on 8th Jan 2020.
- ◆ Mrs. Vidya Zope has attended "Shifting Teaching-Learning Paradigms through Innovative Pedagogy" Sponsored by TEQIP III and IEEE Bombay Section at VJTI during 9th-14th Dec 2019.
- ◆ Mrs. Vidya Zope has attended One Day workshop on "R" organized at VESIT RCC on behalf of at Teaching Learning Center, ICT IITB on 9th Nov 2019.
- ◆ Mrs. Indu Dokare has attended FDP on "Pedagogy of Signal Processing and its Applications" at RAIT, Nerul during 9th Dec - 20th Dec 2019.

## Courses Attended

- ◆ Mrs. Priya R. L. has attended one week workshop on "Advanced Deep Learning" at Fr. C Rodrigues College of Engineering during 2nd Dec - 6th Dec 2020.
- ◆ Mrs. Priya R. L. has attended the orientation of "Natural Language Processing" at SAKC on 8th Jan 2020.
- ◆ Mrs. Abha Tewari has attended ISTE Approved STTP on "Integrating Research Methodology Tools, Computer Vision & Natural Language Processing" at PVPP College, Sion during 23rd Dec-28th Dec 2019.
- ◆ Mrs. Abha Tewari has attended one day workshop on "R" organized at VESIT RCC on behalf of Teaching Learning Center, ICT IIT Bombay on 12th Nov 2019.
- ◆ Ms. Sunita Suralkar has attended orientation of "Distributed Computing & Distributed Computing Lab" at VESIT on 15th January 2020.
- ◆ Ms. Sunita Suralkar has attended orientation of "Cloud Computing" at K C College on 17th Jan 2020.
- ◆ Ms. Rupali Hande has attended FDP on "Deep Learning Theory & Applications for Engineers" at VJTI during 16th - 21st Dec 2019.
- ◆ Mrs. Pallavi Saindane has attended one day workshop on "R" organized at VESIT RCC on behalf of Teaching Learning Center, ICT IIT Bombay on 9th Nov 2019.
- ◆ Mrs. Pallavi Saindane has attended one day workshop on "Arduino" at Teaching Learning Center, ICT IIT Bombay on 8th Feb 2020.
- ◆ Mrs. Pallavi Saindane has attended online FDP on "Internet of Things" by NITTTR Chandigarh during 10th April -14th April 2020.
- ◆ Mrs. Pallavi Saindane has attended FDP on "Deep Learning Theory and Applications for Engineers" at VJTI during 16th - 21st Dec 2019.
- ◆ Mrs. Sunita Sahu has attended an orientation of "Distributed Computing & Distributed Computing Lab" at VESIT on 15th Jan 2020.
- ◆ Mrs. Sunita Sahu has attended FDP on "Deep Learning Theory and Applications for Engineers" at VJTI during 16th Dec-21st Dec 2019.
- ◆ Mrs. Sunita Sahu has attended an orientation of "High Performance Computing and Computational Laboratory – II" at Terna Engineering College on 16th Jan 2020.
- ◆ Mrs. Sunita Sahu has attended one day workshop on "R" organized at VESIT RCC on behalf of Teaching Learning Center, ICT IIT Bombay on 9th Nov 2019.
- ◆ Mr. Richard Joseph has attended an orientation of "Cloud Computing" at K C College on 17th Jan 2020.
- ◆ Mrs. Yugchhaya Dhote has attended one week STTP on "Natural Language Processing" at SAKC Chembur during 2nd Jan - 7th Jan 2020.
- ◆ Mrs. Yugchhaya Dhote has attended an orientation Program on "Natural Language Processing" at SAKC Chembur on 8th Jan 2020.
- ◆ Mrs. Mansi Talreja has attended orientation of "Distributed Computing & Distributed Computing Lab" at VESIT on 15th Jan 2020.
- ◆ Mrs. Suvarna B. has attended orientation of "Distributed Computing & Lab" at VESIT on 15th Jan 2020.

# Skill Development Activities

## NPTEL Certification Exams



**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **PRASHANT VILAS KANADE** for successfully completing the course **Patent Drafting for Beginners** with a consolidated score of **52 %**

Online Assignments | 11.92/25 | Proctored Exam | 39.75/75

Total number of candidates certified in this course: 239

Jul-Aug 2019 (4 week course)

Prof. Devendra Jalihal  
Chairman, Centre for Continuing Education, IITM

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Indian Institute of Technology Madras

swayam



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **VIDYA SACHIN ZOPE** for successfully completing the course **Development Research Methods** with a consolidated score of **68 %**

Online Assignments | 18.50/25 | Proctored Exam | 49.5/75

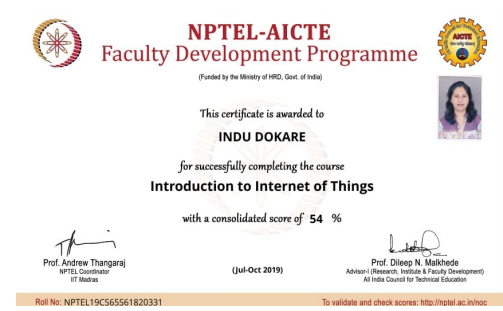
Total number of candidates certified in this course: 114

Jul-Sep 2019 (8 week course)

Prof. Neeraj B. Keshav  
Head, Centre for Educational Technology & NPTEL, Coordinator  
IIT Gandhinagar

Indian Institute of Technology Guwahati

swayam



**NPTEL-AICTE Faculty Development Programme**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **INDU DOKARE** for successfully completing the course **Introduction to Internet of Things** with a consolidated score of **54 %**

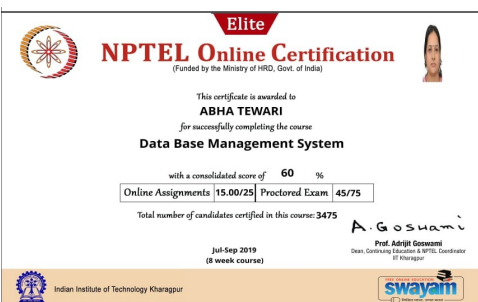
Jul-Oct 2019

Prof. Anand Thangaraj  
NPTEL Coordinator  
IIT Madras

Prof. Dileep N. Malkhede  
Advisor (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19CS65561820331

To validate and check scores: <http://npTEL.ac.in/fdoc>



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **ABHA TEWARI** for successfully completing the course **Data Base Management System** with a consolidated score of **60 %**

Online Assignments | 15.00/25 | Proctored Exam | 45/75

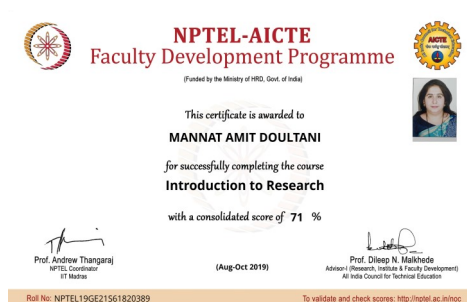
Total number of candidates certified in this course: 3475

Jul-Sep 2019 (8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL, Coordinator  
IIT Kharagpur

Indian Institute of Technology Kharagpur

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**NPTEL-AICTE Faculty Development Programme**  
(Funded by the Ministry of HRD, Govt. of India)

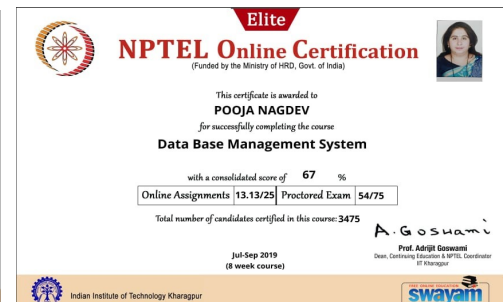
This certificate is awarded to **MANNAT AMIT DOULTANI** for successfully completing the course **Introduction to Research** with a consolidated score of **71 %**

Aug-Oct 2019

Prof. Dileep N. Malkhede  
Advisor (Research, Institute & Faculty Development)  
All India Council for Technical Education

Roll No: NPTEL19GE21561820389

To validate and check scores: <http://npTEL.ac.in/fdoc>



**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **POOJA NAGDEV** for successfully completing the course **Data Base Management System** with a consolidated score of **67 %**

Online Assignments | 13.13/25 | Proctored Exam | 54/75

Total number of candidates certified in this course: 3475

Jul-Sep 2019 (8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL, Coordinator  
IIT Kharagpur

Indian Institute of Technology Kharagpur

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**Elite**  
**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to **SHARMILA SENGUPTA** for successfully completing the course **Developing Soft Skills and Personality** with a consolidated score of **75 %**

Online Assignments | 14.67/25 | Proctored Exam | 60/75

Total number of candidates certified in this course: 15357

Aug-Oct 2019 (8 week course)

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Prof. Satyaki Roy  
NPTEL, Coordinator  
IIT Kanpur

Indian Institute of Technology Kanpur

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## Interactions with Outside World

### Institute Interactions

- Dr. Nupur Giri was invited as a Ph. D. expert for Computer RRC at KJSCOE on 13th Dec 2019.
- Dr. Nupur Giri has been appointed as board of studies member at K. J. Somaiya College of Engineering, Vidyavihar, Thakur College of Engineering and Technology, Kandivali.
- Dr. Nupur Giri was invited as Department Course Audit Committee member at SPIT on 9th March 2020.

### Research Paper Reviewers

Dr. Nupur Giri, Dr. Gresha Bhatia, Ms. Sujata Khedkar and Dr. Anjali Yeole are reviewers for various International Journals and Conferences of repute.

## Books Published

Dr. Nupur Giri has published a book on "**Distributed Computing**" co-authored by Dr. Lata Raha, Dr. Bhushan Jadhav published by StarEdu Solutions.

Dr. Anjali Yeole has published a book on "**Internet of Everything**" co-authored by Dr. Bhushan Jadhav, Dr. Gopal Pardesi, Mrs. Vaishali K, Dr. Dhananjay Kalbande published by StarEdu Solutions.

## Research Forum Activities (In association with IIC)

### Expert Talks



Mr. Mukesh Jain, CTO - Insights, AI Data, Capgemini delivered an expert talk on "Experimentation 101 & Research opportunities in AI, IoT, AR/VR and Blockchain" on 22nd Feb 2020.



Mr. Rahul Pandhare, Senior Manager, Capgemini delivered an expert talk on "Blockchain" on 9th Oct 2019.



Prof. Surya Durbha, CSRE, IIT Mumbai delivered an expert talk on "High-Performance Computing" on 24th Feb 2020.

- Dr. Nupur Giri and Mr. Richard Joseph delivered an expert talk on "Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario" on 17th Feb 2020.
- Dr. Gresha Bhatia delivered an expert talk on "Farm Guide" on 17th Feb 2020.
- Dr. Anjali Yeole delivered an expert talk on "Smart Box" on 17th Feb 2020.
- Mrs. Indu Dokare delivered an expert talk on "Autonomous Luggage carrying Robot using Image Processing" on 17th Feb 2020.
- Mrs. Kajal Jewani delivered an expert talk on "Rehabilitation and Protection of Coastal Areas" on 17th Feb 2020.
- Mr. Richard Joseph delivered an expert talk on "Water Supply Management and Catchment Control in Drought Prone Regions of Rural India" on 17th Feb 2020.

**"We Should not give up and we should not allow the problem to defeat us."**

— Dr. A.P.J. Abdul Kalam

# Research @ CMPN Department

## Major Research Grant - Microsoft AI for Earth

- Mrs. Priya R L received a compute grant of \$10000 for the project titled "Predictive analysis of carbon footprint in metropolitan cities of India".
- Mrs. Abha Tewari and Mrs. Vidya Zope received a compute grant of \$10000 for the project titled "Predicting floods in coastal regions as a direct consequence of deforestation".
- Dr. Nupur Giri and Mr. Richard Joseph received a compute grant of \$5000 (Ext) for the project titled "Contagious disease propagation study and containment strategies using Machine Learning : Indian Scenario".
- Mrs. Kajal Jewani received a compute grant of \$5000 (Ext) for the project titled "Rehabilitation and Protection of Coastal Areas".
- Mr. Richard Joseph received a compute grant of \$10000 (Ext) for the project titled "Water Supply Management and Catchment Control in Drought Prone Regions of Rural India".

## Minor Research Grants

- Mrs. Sharmila Sengupta received a research grant of Rs. 30,000/- for a project titled "Sahara: A stanchion for the blind".
- Mrs. Vidya Zope received a research grant of Rs. 10,000/- for a project title "Trailtracker: Anti-poaching Intelligence".
- Mrs. Lifna C S received a research grant of Rs. 15,000/- for a project titled "Coreveillance- Making our world a SAFER Place".
- Mrs. Abha Tewari and Mrs. Mannat Doultani received a grant of Rs. 25,000/- for a project titled "Food to People: A Block Chain Solution".
- Ms. Kajal Jewani and Mr. Richard Joseph received a grant of Rs. 15,000/- for a project titled "FireMan Helper".

## VESIT Innovation Cell Grants

- Mr. Prashant Kanade received a grant of Rs. 60,000/- for a project titled "Clinical Note Generation".
- Mrs. Mannat Doultani and Mrs. Abha Tewari received a grant of Rs. 90,000/- for a project titled "Automatic Attendance Marking for Kindergarten using Half Face Recognition".

## Research Papers Published

Faculty members and students from the department have published around **54** research papers in various International Journals and Conferences of repute .

## Patents Registered

Ref No.: 202021016810  
App Number: TEMP/E-1/18291/2020-MUM  
Date:20/4/2020  
C.B.R. No. -13225  
Sharmila Sengupta, Dhaval Bagal, Rahul Devadiga, AmeyPimple And ShreyaPatil  
**"SYSTEM FOR AIDING VISUALLY IMPAIRED"**  
Area : Machine Learning

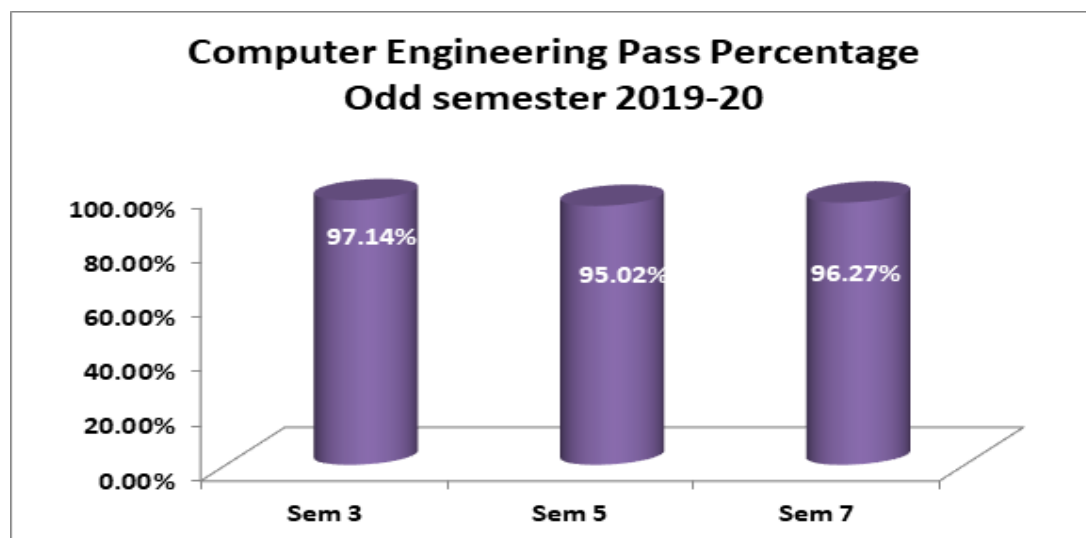
# Student Portfolio

- ◆ Student Achievements
- ◆ Placement and Higher Studies
- ◆ Skill Development Activities
- ◆ Project Competitions
- ◆ Industry Projects
- ◆ Tinkerer's of CMPN : CodeCell Activities
- ◆ Industry Visit
- ◆ Co-curricular Activities
- ◆ Extra-curricular Activities
- ◆ Alumni Interaction
- ◆ Convocation
- ◆ Scholarships
- ◆ Internships
- ◆ Other Achievements

# Student Portfolio

## Student Achievements

### Academic Excellence



### Department Toppers – Odd Sem 19-20

#### SEM III

1st Rank SGPA—10 No. of Students—34	2nd Rank SGPA— 9.96 No. of Students— 1	3rd Rank SGPA—9.92 No. of Students— 4
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#### SEM V

1st Rank SGPA—10 No. of Students— 8	2nd Rank SGPA— 9.85 No. of Students— 8	3rd Rank SGPA—9.78 No. of Students— 1
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#### SEM VII

1st Rank SGPA— 9.85 No. of Students—1	2nd Rank SGPA— 9.65 No. of Students— 1	3rd Rank SGPA—9.62 No. of Students— 1
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“Dream, Dream, Dream, Dream transform into thoughts and thoughts result in action.”

—Dr. A.P.J. Abdul Kalam



# Placement and Higher Studies

## Placements:

48 companies visited the campus since July 2019 which includes:



**94.44%**

students placed  
till date.

Highest salary :

**14** Lacs/Annum.

Average salary :

**6** Lacs/Annum

**116** students got  
dream job  
Offers.

The placement cell of the department has also conducted activities such as: Aptitude Tests , Sessions on steering the interview , JPMC— CFG Roadshow



Students participating in Code For Good, JPMC

## Higher Studies

**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 and more.

# Skill Development Activities

## Skill Enhancement Lectures (SEL)



A session on “Docker and Kubernetes” was conducted by Mr. Mohan Pawar , DevOps Engineer at Continuum Managed Solutions on 13th Feb 2020 for final year, Cloud Computing subject .



A session on “Artificial Intelligence and Industry Applications” was conducted by Mr. Kamlesh Mhashilkar, Head - Data and Analytics Practice, Analytics & Insights Unit, TCS, Mumbai on 5th Feb 2020 for final year, Natural Language Processing subject.



A session on “The future of 5G and Blockchain”, was conducted by Mr. Subodh Gajre, CISCO on 17th January 2020 for third year, Cryptography and System Security subject.

## NPTEL Lectures for Students

- A session on “2D Transformations” by Prof. Sukhendu Das, IIT Madras was arranged on 29th March 2020 for second year, Computer Graphics subject .
- A session on “User Centric Design Evaluation” by Prof. Samit Bhattacharya, IIT Guwahati was arranged on 8th April 2020 for final year, Human Machine Interaction subject.

**“The essence of a happy life and a peaceful society lies in one sentence - What can I Give?”**

—Dr. A.P.J. Abdul Kalam

## Certification Programs

**NPTEL  
Local Chapter  
Certifications  
219**

**Oracle  
Certifications  
137**

## Project Competitions

**SmartIndia Hackathon 2020: 03 teams, National Finalist**

**IICDC 2019: 02 teams**

**Buoyanci Award: 02 teams**



**eYIC 2020 National Finalists -**  
AIDE: AI and IoT for Disabled and Elderly



**eYIC 2020 Regional Finalists -**  
Forest Fire Prediction using ML and IOT Device.



**Buoyanci Innovation Winner**  
AI for health care.



**Deep Blue season 5 Semi-Finalists**  
Measuring Visual Acuity.

# Industry Projects

## **AI for Accessibility:**

Detection of Dyscalculia using ML version 2.0

(T. N. M. C. & B. Y. L Nair CH Hospital)

Kalpesh Bhole,  
Tanishqa Shetty,  
Tamanna Saini,  
Anuraj Bhosale

### **Resource Person**

Dr. Alka Subramanyam.

### **Mentor**

Dr. Nupur Giri

## **AIDD : Empowering ADHD**

(T. N. M. C. & B. Y. L Nair CH Hospital)

Jatin Bhagchandani,  
Jayesh Samtani,  
Manasee Palsule,  
Sneha Lalwani

### **Resource Person**

Dr. Alka Subramayam,  
Dr. Swati Shelke

### **Mentor**

Prof. Sharmila S.

## **Prediction Model Of Acute Coronary Syndrome**

(Cerelabs)

Shreyas Talole,  
Aditya Shinde,  
Atharva Bapat

### **Resource Person**

Mr. Dattaram Rajadhyax

### **Mentor**

Prof. Sharmila S.

## **AI Based Contract Paper Analysis**

(Cerelabs)

Chinmay Patil,  
Susht Patil,  
Dhiraj Chavan,  
Komal Nimbalkar

### **Resource Person**

Mr. Devesh Rajadhyaksh

### **Mentor**

Prof. Sharmila S.

## **VENAB-Currency Detection for blind**

(NAB, Worli)

Dhaval Bagal,  
Amey Pimple,  
Rahul Devadiga,  
Shreya Patil

### **Resource Person**

Mr. Suhas Karnik

### **Mentor**

Prof. Sharmila S.

## **Detection of eye tumour and response to treatment**

(PBMA's H. V. Desai Eye Hospital )

Piyusha Bauskar,  
Pallavi Brahmapurkar,  
Omkar Morogiri,  
Gauri Sagane

### **Resource Person**

Dr. Kuldeep Dole

### **Mentor**

Prof. Priya R. L.

## **Researchers Hub**

(Pragyan Instruments Pvt. Ltd. )

Aksah Magdum,  
Hritvik Pawar,  
Saurav Ubrahande

### **Resource Person**

Mr. Prashant Sahu

### **Mentor**

Prof. Sunita Sahu

# Tinkerer's of CMPN : Code Cell Activities

## 1) Syrus Hackathon 2020 in Association with GitHub

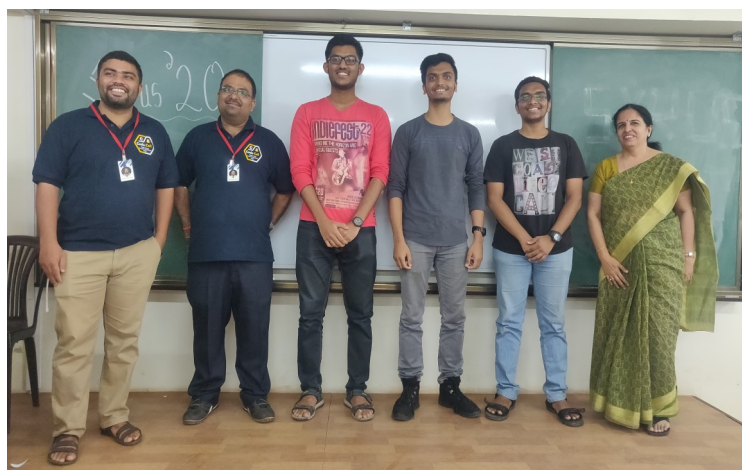
It was a 34 hours online hackathon conducted on 5th and 6th March 2020, sponsored by GitHub. Our Alumni Mr. Sanjay Udasi and Mr. Avinash Dangwani from V.E.S. Polytechnic judged this competition. Top three teams were felicitated by the judges .



Conduction of Syrus Hackathon 2020



Syrus Hackathon 2020 winners



Syrus Hackathon 2020 runner up



Syrus Hackathon 2020 third position

## 2) Google Cloud Jams

The session was conducted by Divyansh Chaurasia, Akanksha Bhasin, DSC lead on 4th October 2019. 100 students participated in the session.

## 3) Session on 'Kick Start with Machine Learning'



The session was conducted on 26th Feb 2020, by Mr. Ali Mustafa Shaikh.

91 students participated in the session

## 4) WeTech Ideathon 2020 in association with GitHub & WDC

WeTech Ideathon was conducted in association with the Women's Development Cell (WDC), sponsored by GitHub, for girl students on 11th March 2020.

The event was judged by our alumni Deepshika who awarded the top three teams for their innovative work.



WeTech Organizing Team

GitHub provided sponsorship of Rs. 75,000/- for Syrus Hackathon 2020 and WeTech Ideathon 2020.

## 5) Online workshops during lock-down in association with Institution's Innovation Cell ( IIC )

Online series of workshops have been arranged for all the students and faculties of the institute from 21st -30th April 2020.

These workshops introduce important domains that would improve the skill set and help in developing the expertise of the registered members.

**Vivekanand Education Society's Institute of Technology**

**CodeCell**  
(Tinkerer's of Computer Engineering Department)  
in Association with  
**Institution's Innovation Cell (IIC)**  
presents  
**Online Workshops during Lockdown (21st - 30th April 2020)**

**Free For All!**

<b>GRE Preparation</b> Date : 21st April Timing : 3pm - 5pm Speaker : Rishikesh Kadam	<b>Data Analysis using Python</b> Date : 22 - 24 April Timing : 11am - 1pm Speaker : Sujitkumar Singh
<b>APIs using Django</b> Date : 22 - 24 April Timing : 3pm - 5pm Speaker : Ashutosh Matai	<b>Getting started with AI</b> Dates : 25th April Timing : 11am - 4pm Speaker : Tina Chandwani, Sujitkumar Singh
<b>Introduction to Jenkins</b> Date : 26th April Timing : 12pm - 5pm Speaker : Mitesh Gopani, Sladyn Nunes	<b>Laravel Framework</b> Date : 27 April Timing : 11am - 4pm Speaker : Rishikesh Kadam
<b>Blockchain</b> Date : 28th - 30th April Timing : 10am - 5pm Speaker : Richard Joseph	

<http://tiny.cc/codecell-register>  
<http://tiny.cc/codecell>  
@Codecell\_cmpn  
@codecell\_vesit  
Amit Chhabria : +91 90826 10309

“One best book is equal to a hundred good friends, but one good friend is equal to a library.”

—Dr. A.P.J. Abdul Kalam

# Industry Visit



Industry: **Appirio - A Wipro Company**

Duration: 1st–5th January 2020.

Number of students visited: 133

Faculties visited:

Dr. Nupur Giri , Mrs. Priya R. L. ,

Mrs. Mannat Doultani,

Mrs. Richa Sharma, Mrs. Manasi Talreja

## Co-curricular Activities

### Participation in Inter College Competitions

- Bhavesh, Ushan Motwani and Sanyam Jain of class BE div A are participated of Buoyanci Innovation Challenge.
- Ketaki Buwa, P.V. Seshadri, Faizanshah A. and Abhishek K. of class BE div A, C participated in Buoyanci Innovation Challenge.
- Pratik Chainani of class SE div B participated in Alegria (English Debate) conducted during 4th February 2020 .
- Nikhil Joshi, Srivatsan I. , Sahil Rajpal and Krish M. of class TE div A participated in DMCE Hackathon conducted during 24-25th January 2020.
- Parth Kingrani, Tanishqa S. and Yash Mate of class TE div B are **National Level Semi Finalists** of KPMG Ideathon Challenge .
- Pratiksha W. , Anjali A. , Sreevidya I. , Dhanashree S. , Ria D. and Archana B. of class TE div A,B are **Quarter Finalists** of IICDC 2019.
- Sahil Lotya, Paras Gurnani, and Divesh Haryani of class SE div A,B is participated in Alegria (Hackathon) conducted during 3rd February 2020.
- Akash Magdum , Pradyot Chattwani, Yash Mate of class TE div B won **second prize** in Buoyanci Innovation Challenge 2019

### Participation in Intra College Events

#### Professional Society's Activities

**219** students participated in various events conducted by IEEE.

**315** students participated in various events conducted by ISTE.

# Extra-curricular Activities



## Girls Cricket team

**Winner, Sphurt 2020**

Sejal Mandora, Akanksha Mittal, Muskan Raisinghani, Trupti Kamat, Piyusha Baukar, Padmaja Borwankar, Nidhi Berde



## Futsal team

**Runner up, Sphurt 2020**

Austin Coutinho, Sanket Gokhale, Rishil Kritkar, Vignesh Verma, Sladyn Nunes, Jay Rajput



## Carrom girls individual RunnerUp, Sphurt 2020

Sejal Mandora



## Girls Chess team

**Winners, Sphurt 2020**

Amruta Parab, Srushti Sachdev, Smruti Kshirsagar



## Girls carrom team

**Winners, Sphurt 2020**

Muskan Raisinghani, Manali Gupta, Sejal Mandora, Padmaja Borwankar, Anushree Bane

**“To succeed in your mission, You must have single-minded devotion to your goal.”**

—Dr. A.P.J. Abdul Kalam



## Alumni Interaction



Alumni Meet was held on 21st Dec 2019 at Sindhi Society Gymkhana, Chembur.

## Convocation Ceremony



Guest of Honour, Mr. Vijay Shah, 1996 batch chaired the Convocation ceremony held on 2nd Feb. 2020 and awarded the degree certificates to the batch of 2015 – 2018 on behalf of Mumbai University.

## Scholarships

**19** students have received scholarships worth approx. **Rs. 2,70,000/-** through Maheshwari Mandal, VES Trust, Mahalakshmi Temple, VESIT Scholarship, SBI Employees Scholarship, Bharatiya Sindhu Sabha, Ohm Jyoti Scholarship, Students Aid Scholarship, Vivekanand Jyoti Scholarship, Navy Smt. Suman Ramesh Tulsiani Scholarship, Jadavpur Alumni Association, VES Shreshthta Award and Shri RG Keswani Scholarship.

## Internships

**27** students attended internships in more than 25 companies.

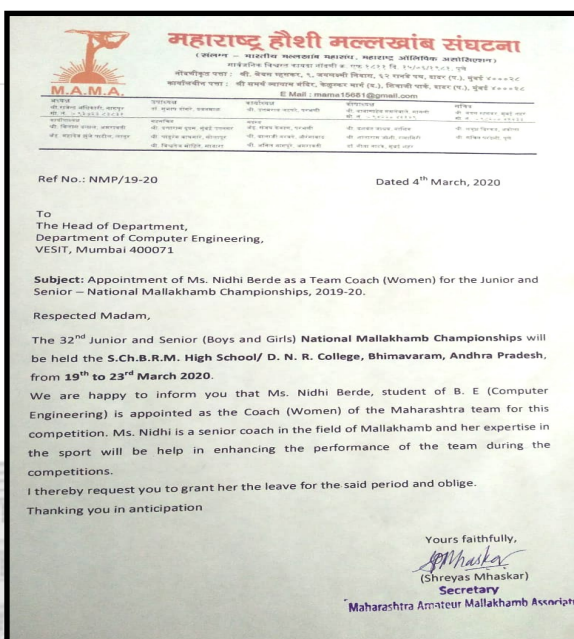
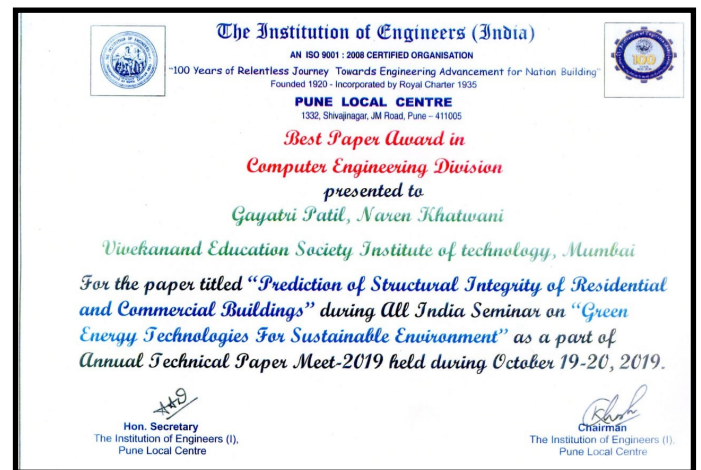
**44** students attended internships at VESIT organized by VESIT Renaissance Cell.

# Other Achievements



Kapil Ramrakhyani, Muskan Khatri, Disha Rohra, Saloni Punjabi, Abha Tiwari received **Best paper award** for the paper titled “SWAYAM : A Conversation Aid App” in International Conference on Industry 4.0, held at Saraswati College of Engineering, Kharghar, on 3rd April

Naren Khatwani and Gayatri Patil of third year received **Best paper award** for the paper titled “Prediction of Structural Integrity of Residential and Commercial Buildings” in All India Seminar on “Green Energy Technologies for Sustainable Environments as a part of annual Technical Paper Meet 2019, Oct 19-20 2019, Institution of Engineers, Pune Local Chapter.



Ms. Nidhi Berde, final year student has been appointed as the **Woman Coach** of the Maharashtra team for National Mallakhamb Championships to be held in S.Ch.B.R.M/ D.N.R college, Bhimavaram, Andhra Pradesh, from 19th - 23rd March 2020.

**“All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents.” —Dr. A.P.J. Abdul Kalam**



Dr. Gresha Bhatia, Mrs. Abha Tewari, Grishma Gurbani, Sanket Gokhale, Naman Varyomalani, Rishil Kirtikar, Yogita Bhatia, Shefali Athavale received “**First position**” for the paper titled “Extraction of tabular data from PDF to CSV files” in the International Conference on Data Management, Analytics and Innovation 2020, 17-19 January 2020.



Sanika Sanaye received First prize of **Rs. 15,000/-** in young Writers Contest 2019 at VESIM Literati 2020.



Aditya Raute received second position in young Writers Contest 2019 at VESIM Literati 2020.

## Staff In-charges



**Dr. Mrs Nupur Giri**  
H.O.D,  
Computer Department



**Dr. Mrs Gresha Bhatia**  
Deputy H.O.D,  
Computer Department



**Dr. Mrs Anjali Yeole**  
Faculty



**Prof. Pallavi Saindane**  
Faculty

## Editorial Team



**Jai Soneji**  
D12A



**Hrithik Malvani**  
D12A



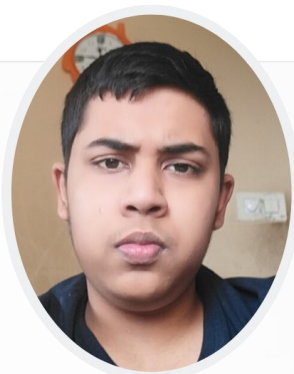
**Smith Gajjar**  
D12A



**Sahil Rajpal**  
D12A



**Rahul Koli**  
D7B



**Abhay Gupta**  
D7B



**Sadhvi Ganuwala**  
D7B



**Srishti Vazirani**  
D7B

